

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040484.D
 Acq On : 30 Jun 2023 22:48
 Operator : MA/JU
 Sample : 03162-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX5

Quant Time: Jul 01 03:05:24 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)

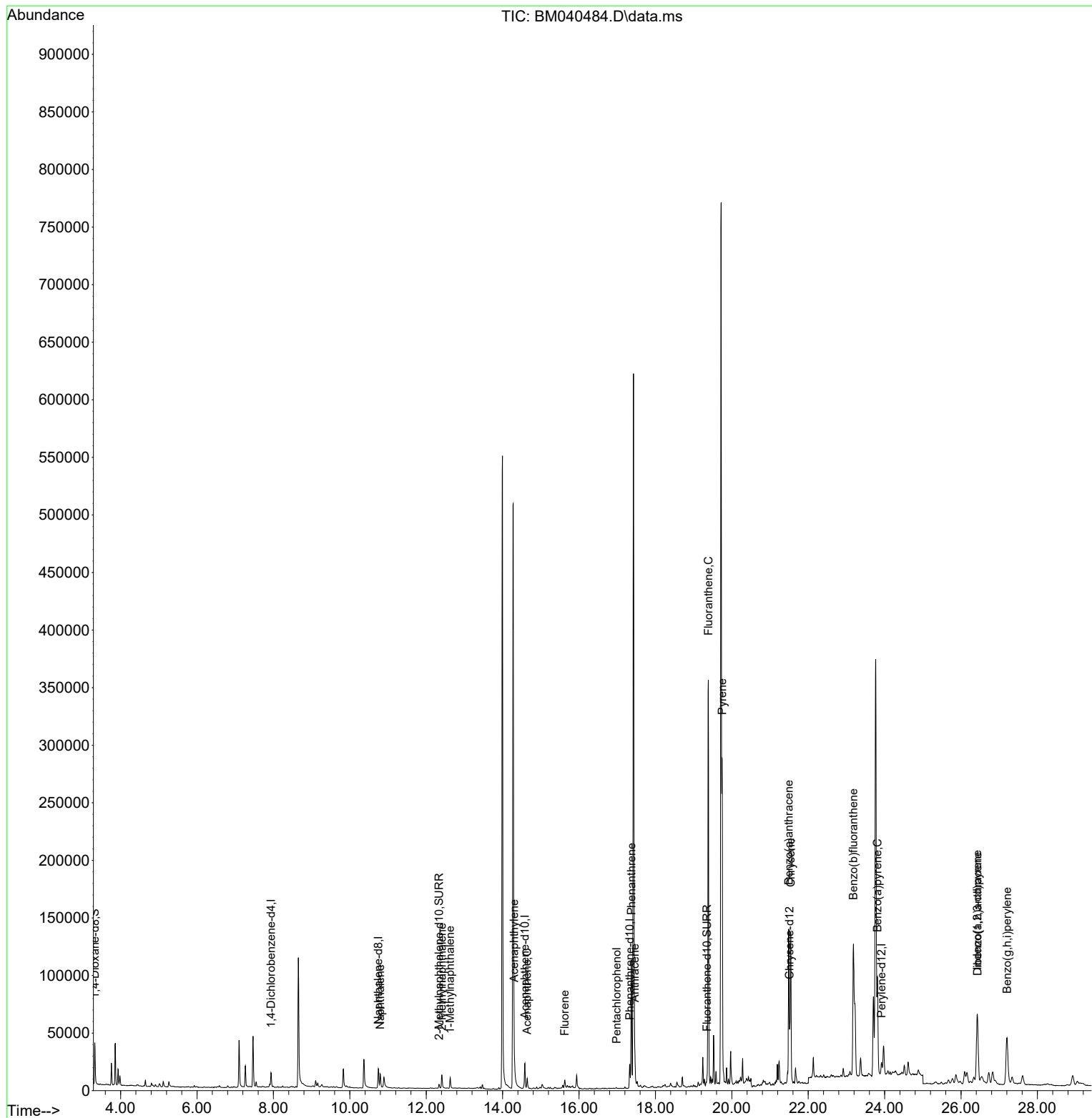
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25424	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.582	164	12818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	25923	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14551	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	14798	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	21586	2.022	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5531	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9117	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	18095	0.258	ng/ul	96
7) 2-Methylnaphthalene	12.411	142	10255	0.249	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	6797	0.165	ng/ul	100
10) Acenaphthylene	14.300	152	15117	0.264	ng/ul	97
11) Acenaphthene	14.642	153	5218	0.108	ng/ul	98
12) Fluorene	15.627	166	4742	0.092	ng/ul#	92
14) Pentachlorophenol	16.986	266	151	0.030	ng/ul	92
15) Phenanthrene	17.370	178	126378	1.569	ng/ul	99
16) Anthracene	17.459	178	17461	0.258	ng/ul	96
19) Fluoranthene	19.384	202	307520	4.975	ng/ul	95
20) Pyrene	19.747	202	231778	3.498	ng/ul	97
21) Benzo(a)anthracene	21.489	228	116858	2.374	ng/ul	97
22) Chrysene	21.541	228	141920	2.528	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	203112	3.547	ng/ul	92
26) Benzo(a)pyrene	23.812	252	123272	2.390	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.427	276	109603	1.526	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.434	278	26969	0.479	ng/ul#	86
29) Benzo(g,h,i)perylene	27.202	276	101805	1.617	ng/ul	97

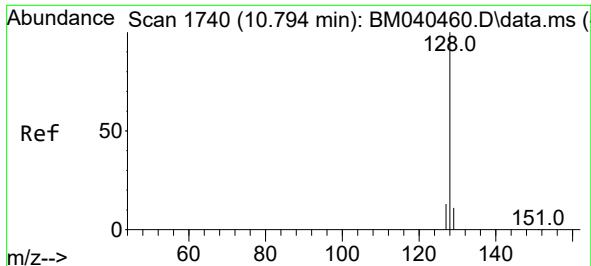
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
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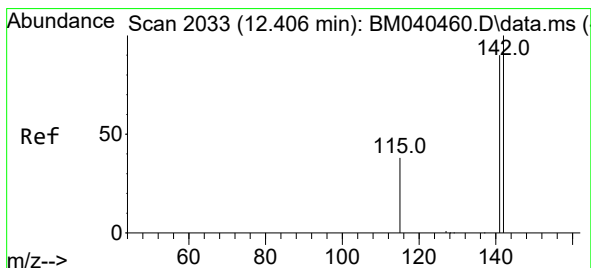
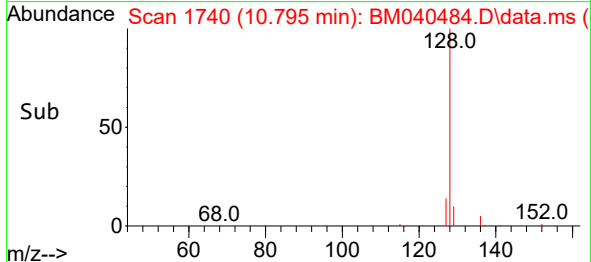
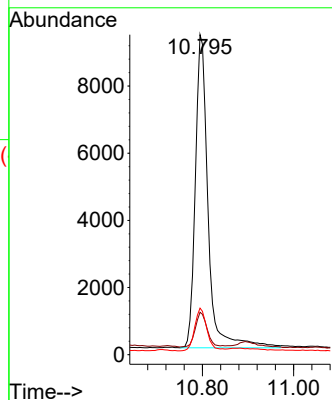
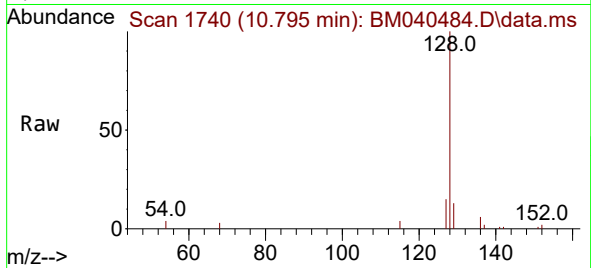




#5
Naphthalene
Concen: 0.258 ng/ul
RT: 10.795 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

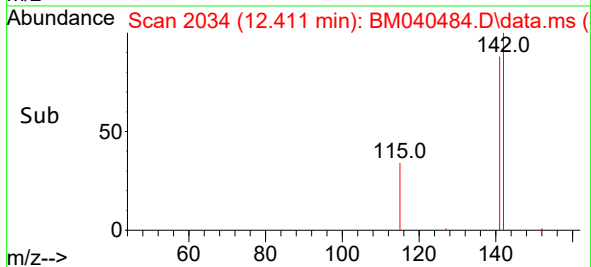
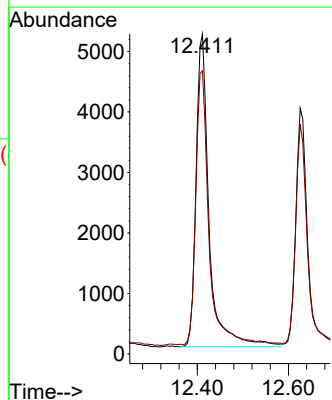
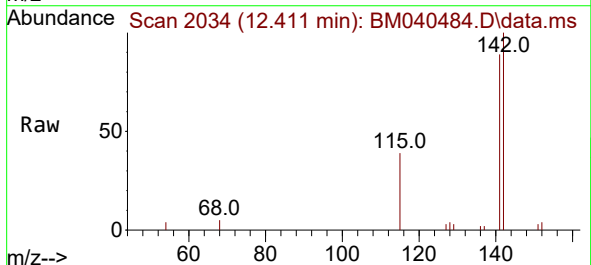
Instrument :
BNA_M
ClientSampleId :
DCFX5

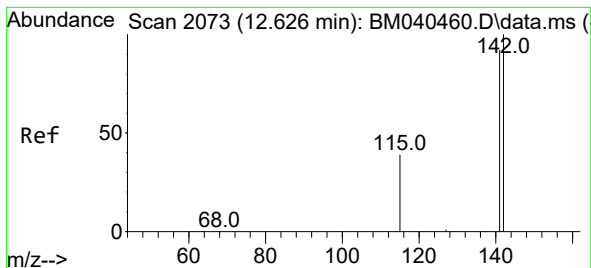
Tgt Ion:128 Resp: 18095
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.6 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

Tgt Ion:142 Resp: 10255
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.165 ng/ul

RT: 12.626 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BM040484.D

Acq: 30 Jun 2023 22:48

Instrument :

BNA_M

ClientSampleId :

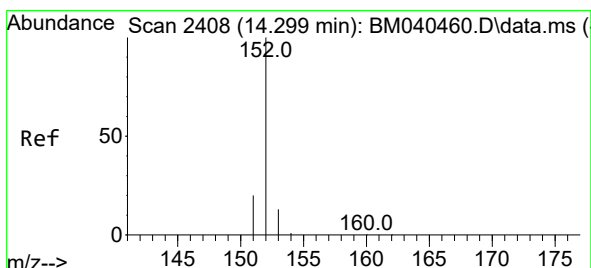
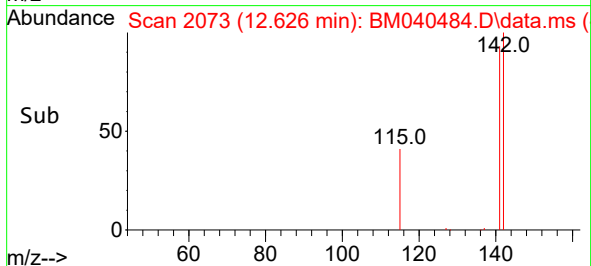
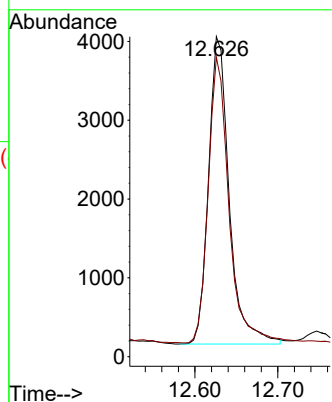
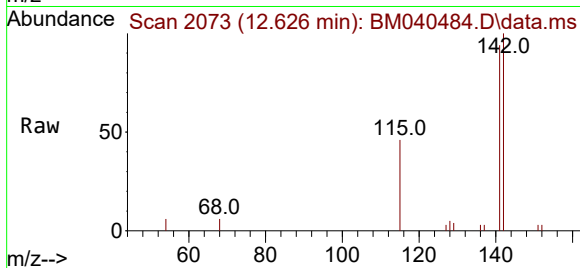
DCFX5

Tgt Ion:142 Resp: 6797

Ion Ratio Lower Upper

142 100

141 92.2 73.7 110.5



#10

Acenaphthylene

Concen: 0.264 ng/ul

RT: 14.300 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM040484.D

Acq: 30 Jun 2023 22:48

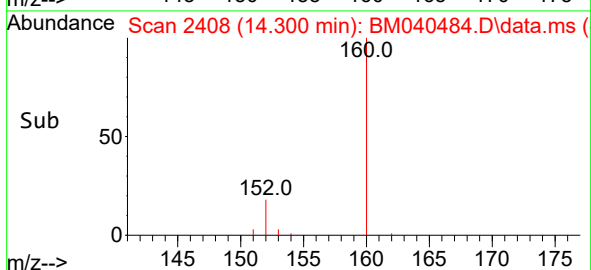
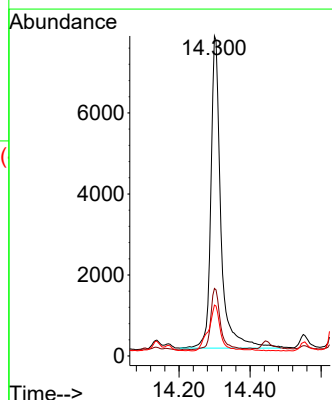
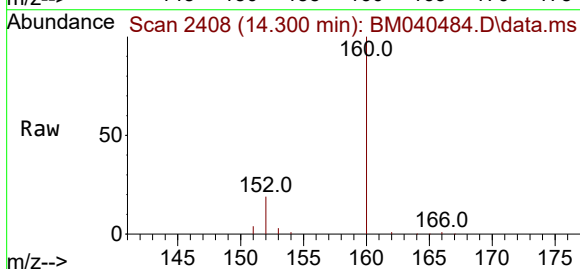
Tgt Ion:152 Resp: 15117

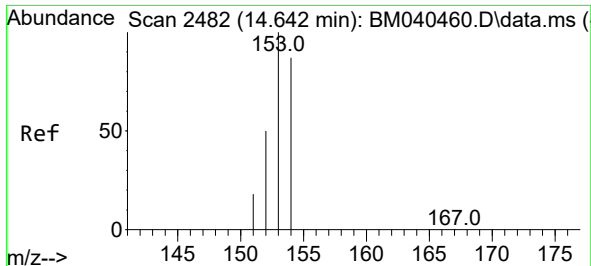
Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.2

153 15.9 10.9 16.3

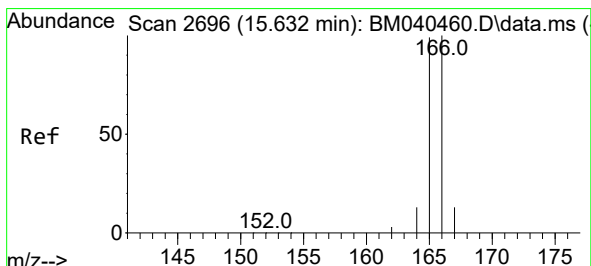
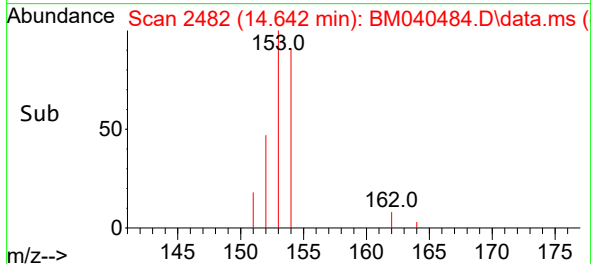
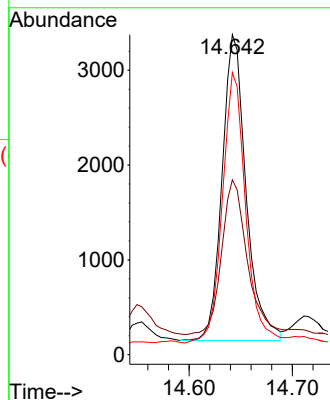
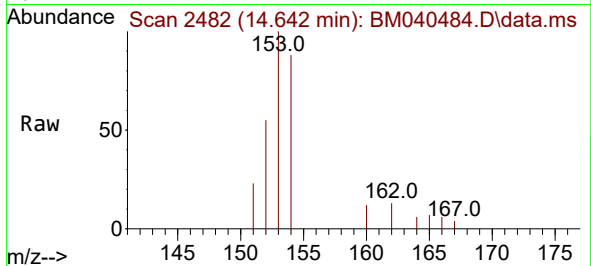




#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

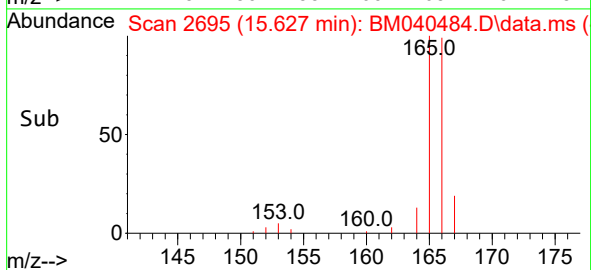
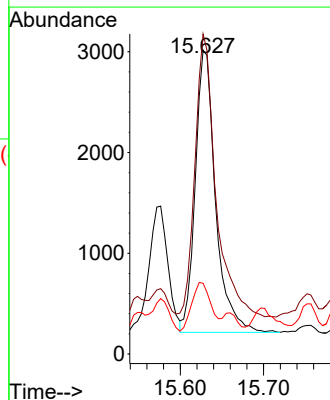
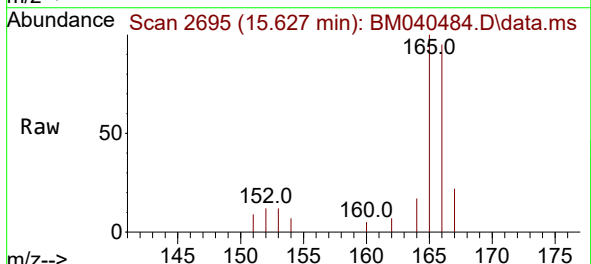
Instrument :
BNA_M
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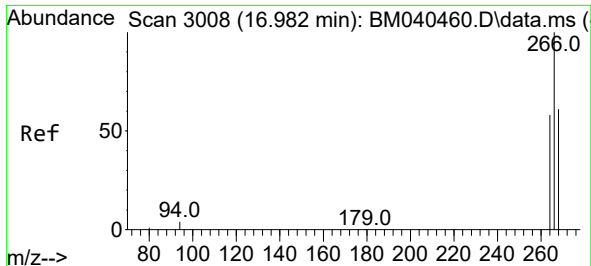
Tgt Ion:153 Resp: 5218
Ion Ratio Lower Upper
153 100
152 54.6 41.0 61.4
154 88.2 70.8 106.2



#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040484.D
Acq: 30 Jun 2023 22:48

Tgt Ion:166 Resp: 4742
Ion Ratio Lower Upper
166 100
165 105.3 79.6 119.4
167 23.3 11.4 17.0#

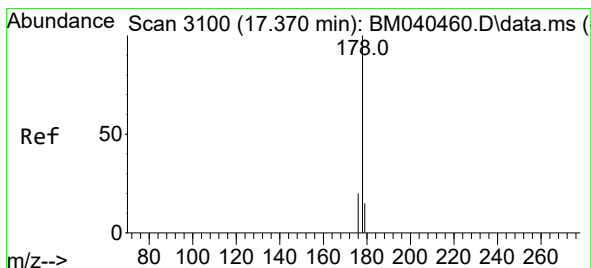
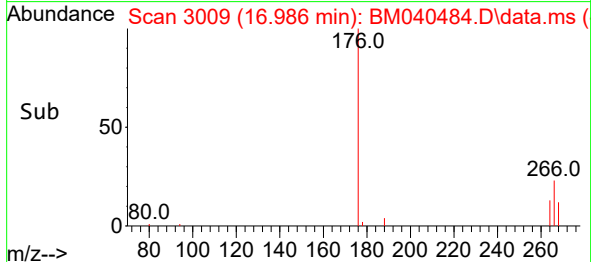
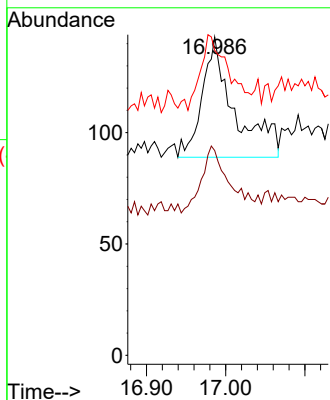
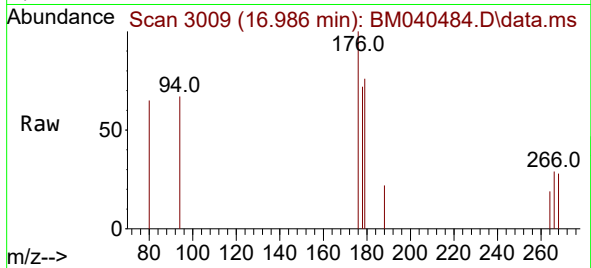




#14
 Pentachlorophenol
 Concen: 0.030 ng/ul
 RT: 16.986 min Scan# 3009
 Delta R.T. 0.004 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

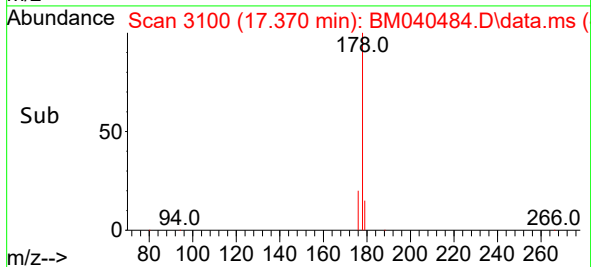
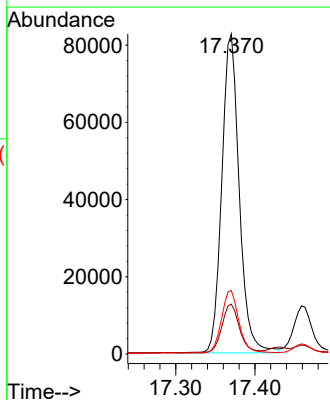
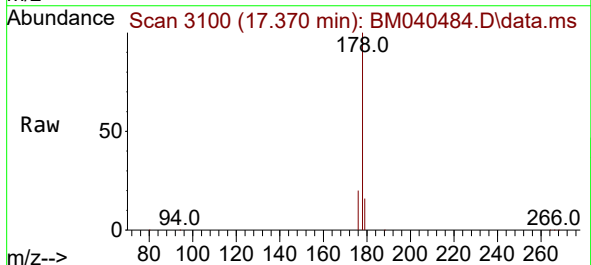
Instrument :
 BNA_M
 ClientSampleId :
 DCFX5

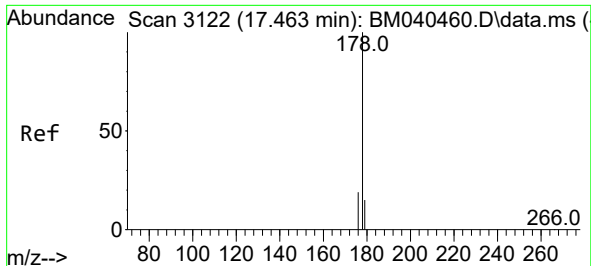
Tgt Ion:266 Resp: 151
 Ion Ratio Lower Upper
 266 100
 264 47.7 45.4 68.0
 268 55.6 47.2 70.8



#15
 Phenanthrene
 Concen: 1.569 ng/ul
 RT: 17.370 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

Tgt Ion:178 Resp: 126378
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.8 19.2
 176 19.9 16.4 24.6

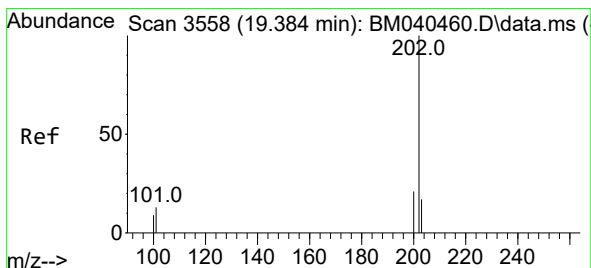
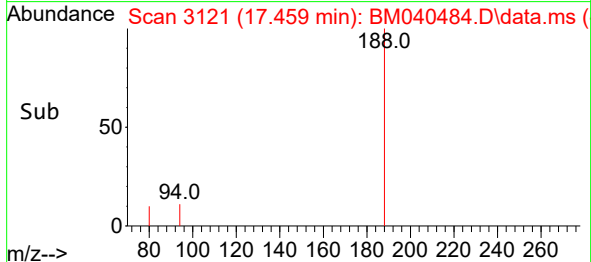
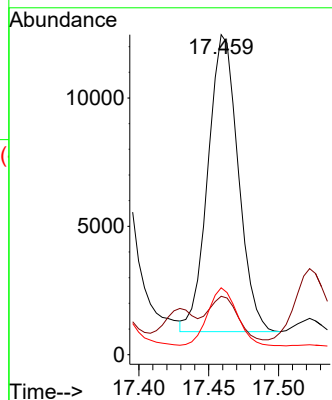
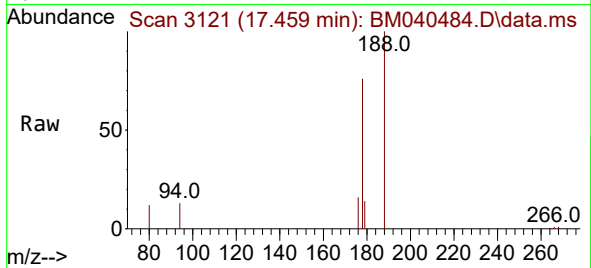




#16
 Anthracene
 Concen: 0.258 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

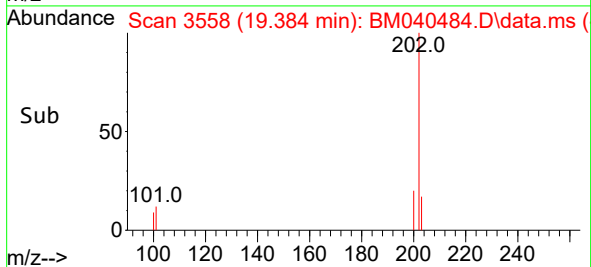
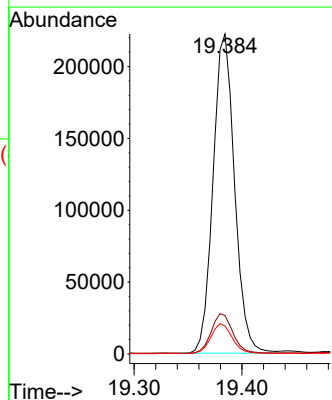
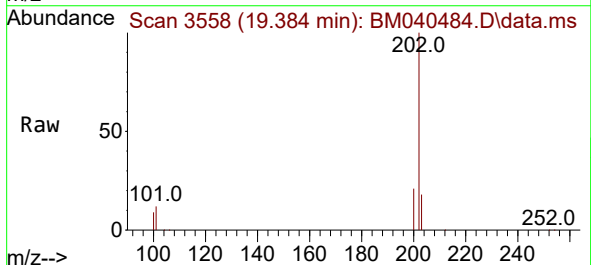
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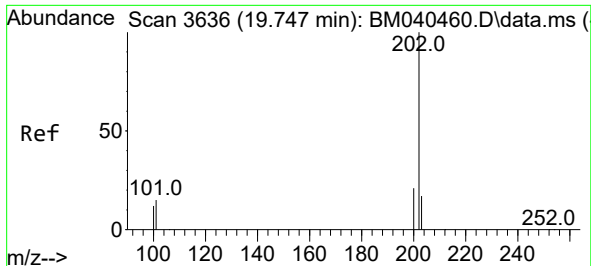
Tgt Ion:178	Resp:	17461
Ion Ratio	Lower	Upper
178	100	
179	18.3	12.9 19.3
176	20.9	15.8 23.6



#19
 Fluoranthene
 Concen: 4.975 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

Tgt Ion:202	Resp:	307520
Ion Ratio	Lower	Upper
202	100	
101	12.0	11.4 17.0
100	8.8	8.7 13.1

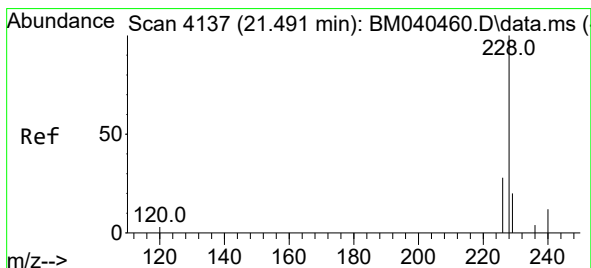
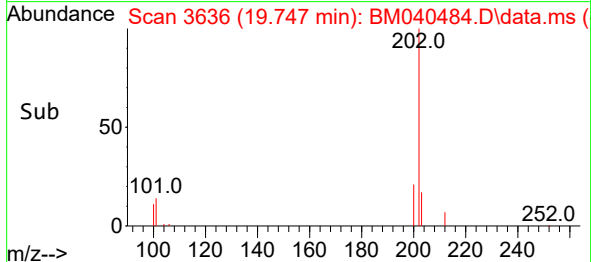
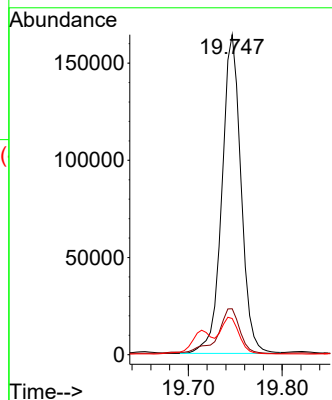
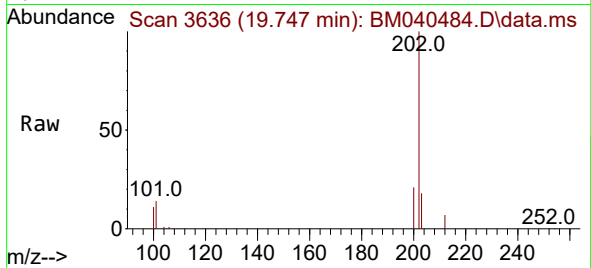




#20
 Pyrene
 Concen: 3.498 ng/ul
 RT: 19.747 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

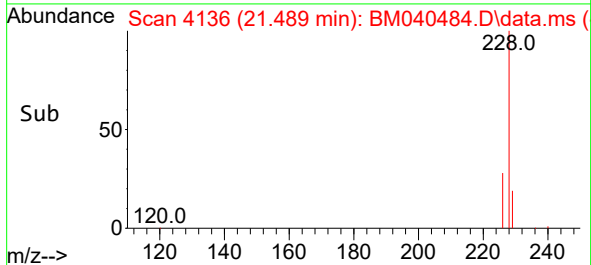
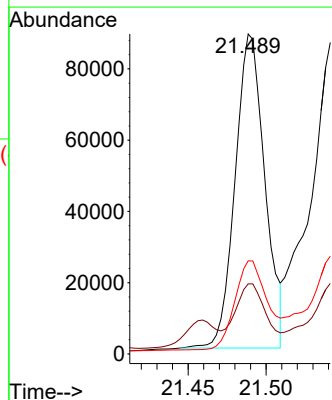
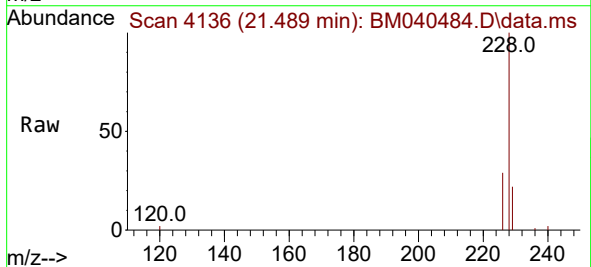
Instrument :
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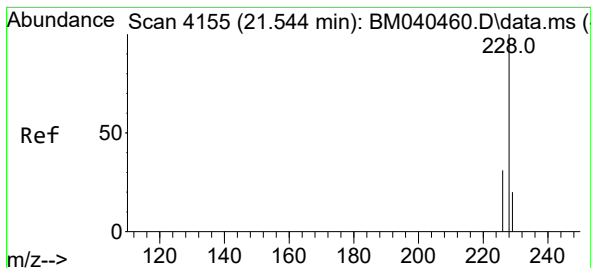
Tgt Ion:202 Resp: 231778
 Ion Ratio Lower Upper
 202 100
 101 14.3 12.6 18.8
 100 11.3 9.8 14.6



#21
 Benzo(a)anthracene
 Concen: 2.374 ng/ul
 RT: 21.489 min Scan# 4136
 Delta R.T. -0.003 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

Tgt Ion:228 Resp: 116858
 Ion Ratio Lower Upper
 228 100
 229 21.9 16.0 24.0
 226 29.1 22.3 33.5





#22

Chrysene

Concen: 2.528 ng/ul

RT: 21.541 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040484.D

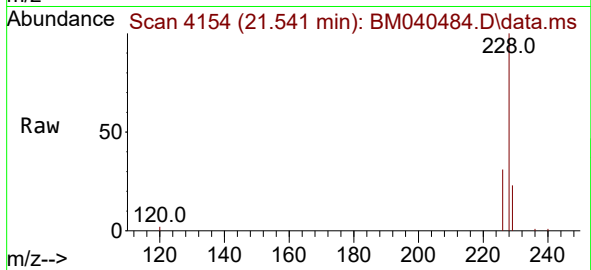
Acq: 30 Jun 2023 22:48

Instrument :

BNA_M

ClientSampleId :

DCFX5



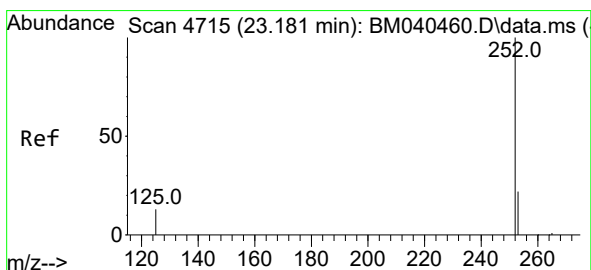
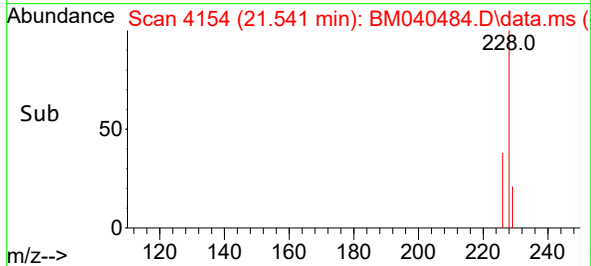
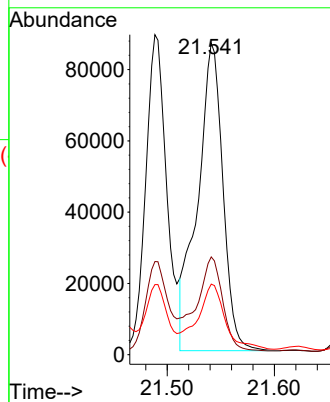
Tgt Ion:228 Resp: 141920

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 22.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 3.547 ng/ul

RT: 23.184 min Scan# 4716

Delta R.T. 0.003 min

Lab File: BM040484.D

Acq: 30 Jun 2023 22:48

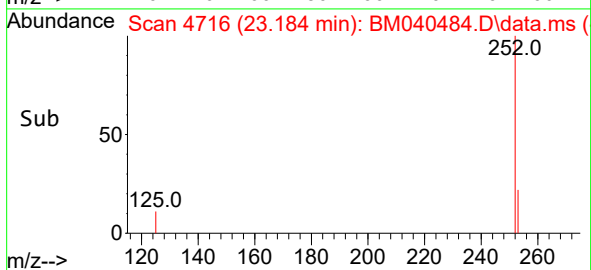
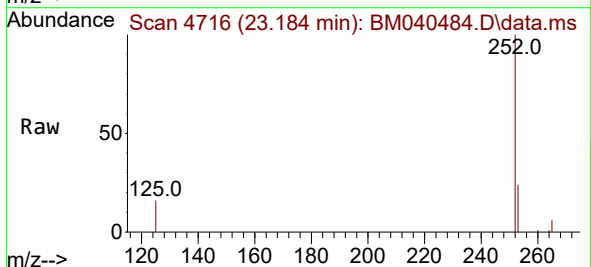
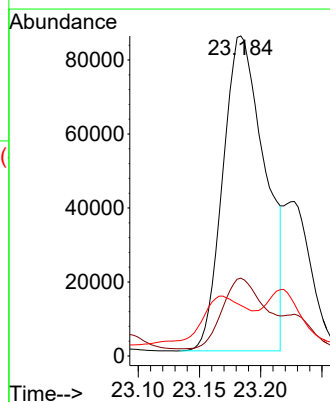
Tgt Ion:252 Resp: 203112

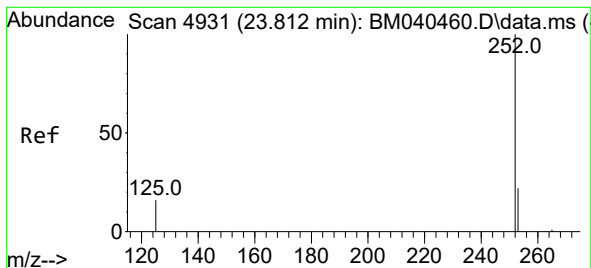
Ion Ratio Lower Upper

252 100

253 24.3 0.0 52.8

125 15.8 0.0 43.0





#26

Benzo(a)pyrene

Concen: 2.390 ng/ul

RT: 23.812 min Scan# 4931

Delta R.T. 0.000 min

Lab File: BM040484.D

Acq: 30 Jun 2023 22:48

Instrument :

BNA_M

ClientSampleId :

DCFX5

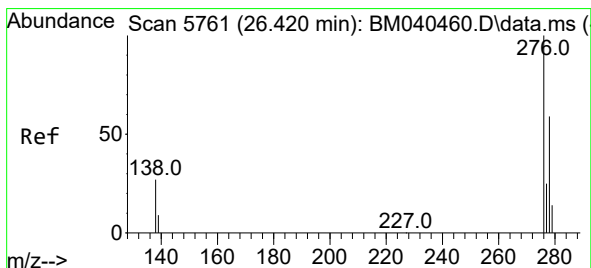
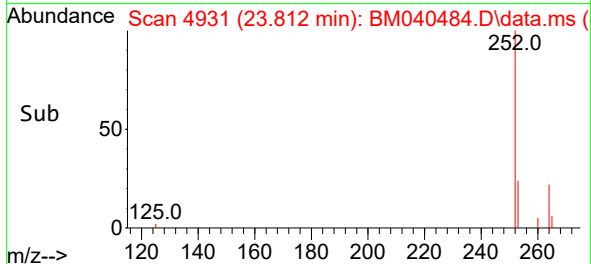
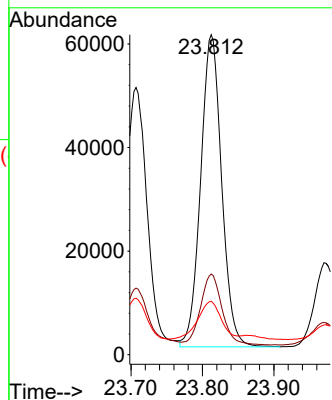
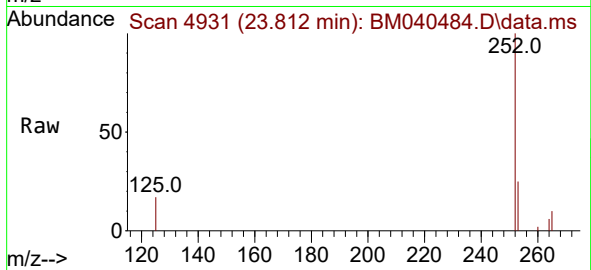
Tgt Ion:252 Resp: 123272

Ion Ratio Lower Upper

252 100

253 25.2 22.9 34.3

125 16.7 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.526 ng/ul

RT: 26.427 min Scan# 5763

Delta R.T. 0.007 min

Lab File: BM040484.D

Acq: 30 Jun 2023 22:48

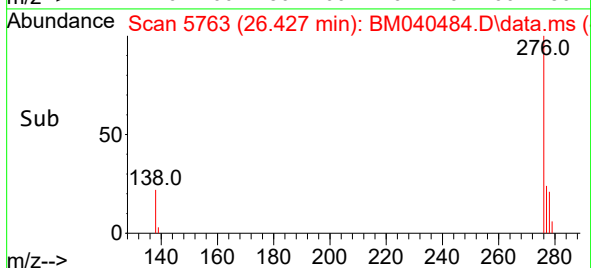
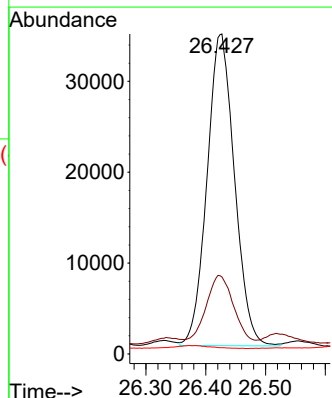
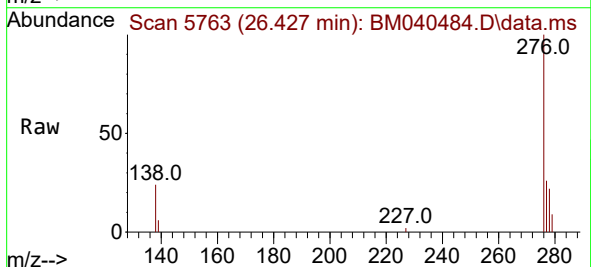
Tgt Ion:276 Resp: 109603

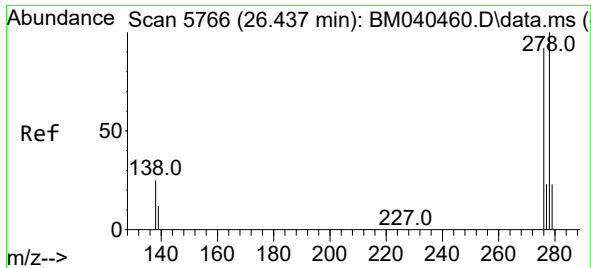
Ion Ratio Lower Upper

276 100

138 22.0 24.5 36.7#

227 0.0 0.1 0.1#

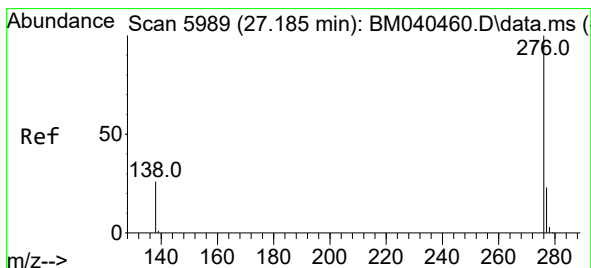
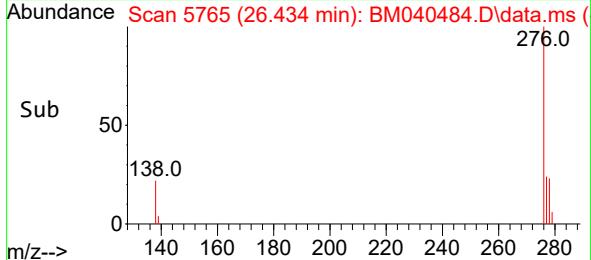
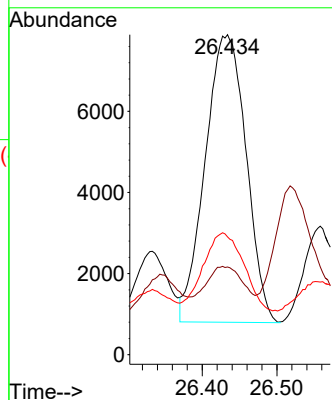
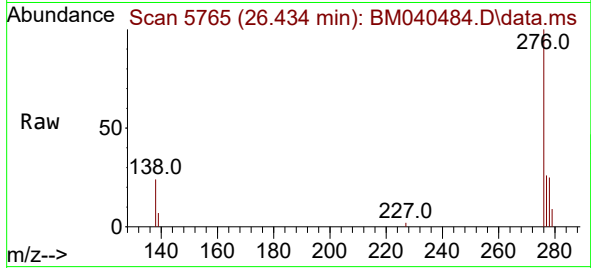




#28
 Dibenzo(a,h)anthracene
 Concen: 0.479 ng/ul
 RT: 26.434 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

Instrument :
 BNA_M
 ClientSampleId :
 DCFX5

Tgt Ion:278 Resp: 26969
 Ion Ratio Lower Upper
 278 100
 139 27.4 17.9 26.9#
 279 36.8 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.617 ng/ul
 RT: 27.202 min Scan# 5994
 Delta R.T. 0.017 min
 Lab File: BM040484.D
 Acq: 30 Jun 2023 22:48

Tgt Ion:276 Resp: 101805
 Ion Ratio Lower Upper
 276 100
 138 25.5 23.0 34.6
 277 25.5 20.3 30.5

