

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040480.D
 Acq On : 30 Jun 2023 20:16
 Operator : MA/JU
 Sample : 03162-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX0

Quant Time: Jul 01 03:04:47 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)

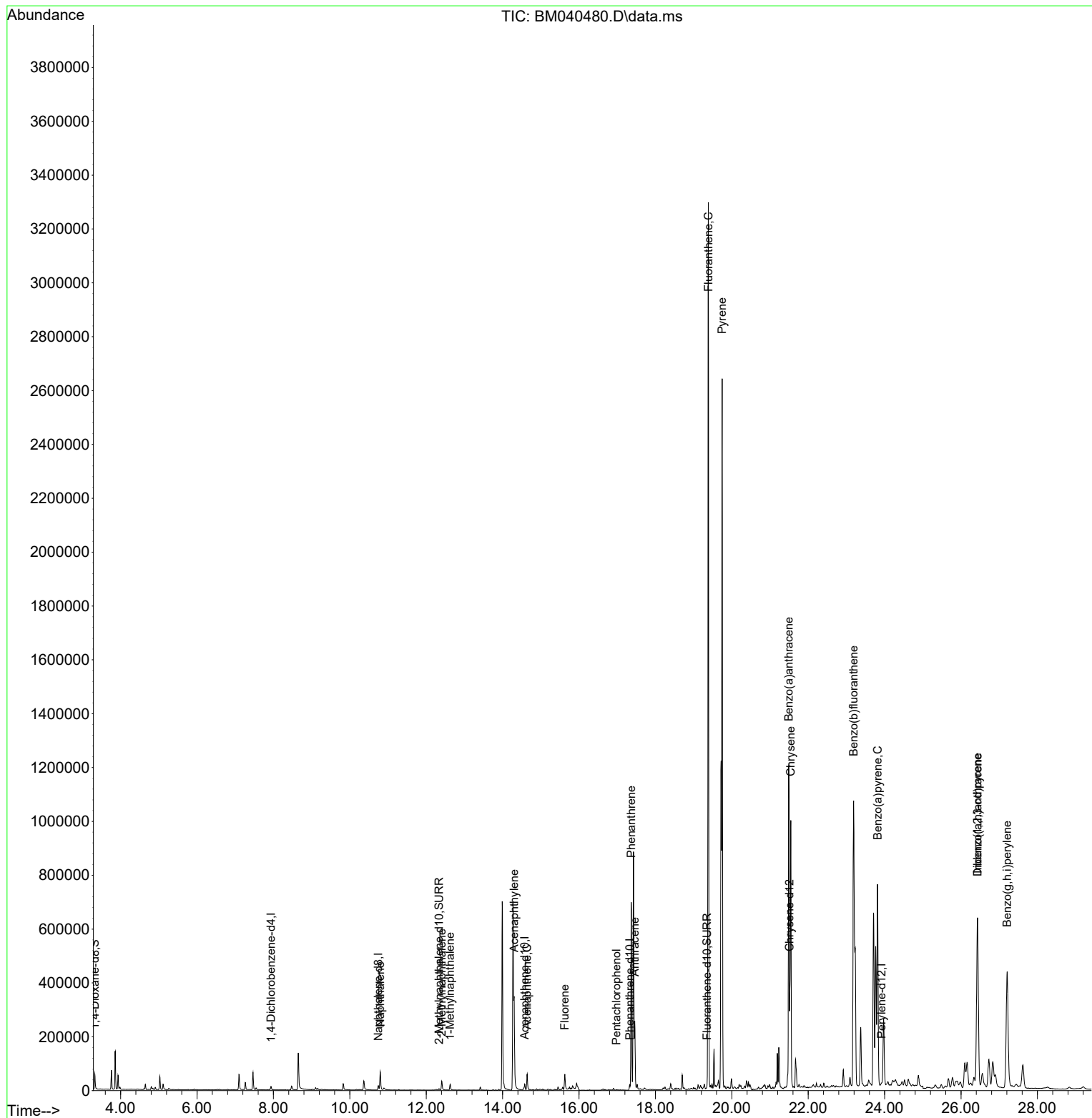
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	24155	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.577	164	12452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	24719	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14687	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	17106	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	33916	3.272	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	7364	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	12261	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.794	128	105481	1.583	ng/ul	100
7) 2-Methylnaphthalene	12.406	142	27657	0.707	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	16215	0.415	ng/ul	100
10) Acenaphthylene	14.300	152	377926	6.794	ng/ul	99
11) Acenaphthene	14.642	153	35935	0.765	ng/ul	99
12) Fluorene	15.627	166	40567	0.809	ng/ul	99
14) Pentachlorophenol	16.982	266	173	0.036	ng/ul	93
15) Phenanthrene	17.366	178	754725	9.829	ng/ul	99
16) Anthracene	17.459	178	253608	3.930	ng/ul	99
19) Fluoranthene	19.384	202	2687120	43.072	ng/ul#	93
20) Pyrene	19.747	202	2081148	31.115	ng/ul	95
21) Benzo(a)anthracene	21.488	228	1038830	20.911	ng/ul	98
22) Chrysene	21.544	228	1055551	18.627	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	1885689	28.485	ng/ul	87
26) Benzo(a)pyrene	23.815	252	1100879	18.461	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.430	276	1109717	13.362	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.434	278	262531	4.037	ng/ul	96
29) Benzo(g,h,i)perylene	27.208	276	1024921	14.080	ng/ul	93

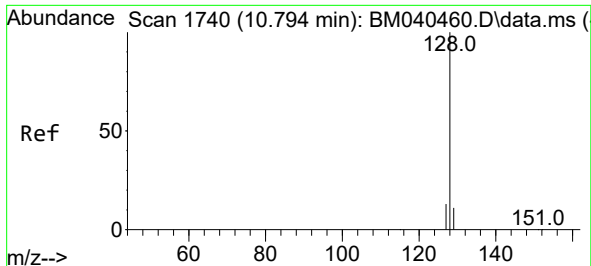
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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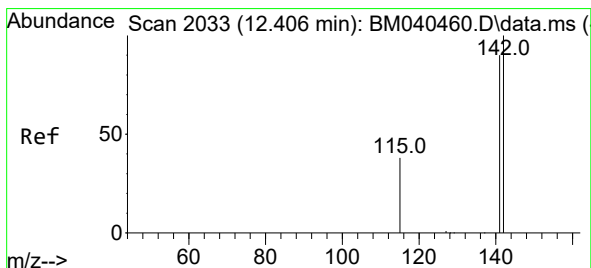
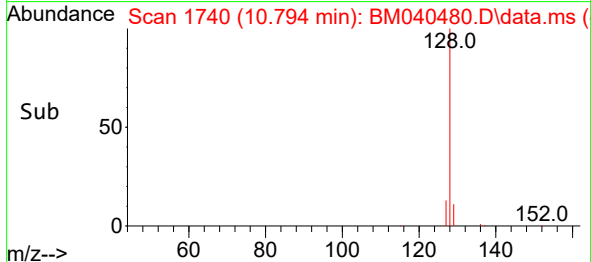
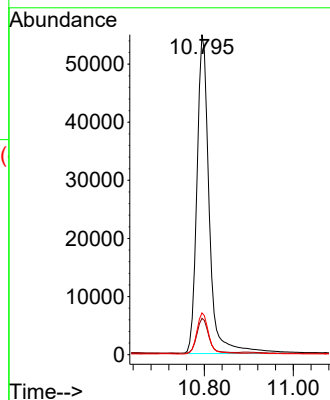
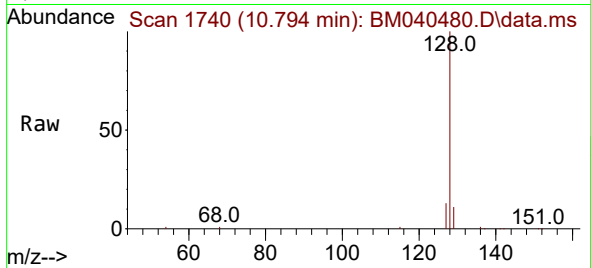




#5
Naphthalene
Concen: 1.583 ng/ul
RT: 10.794 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

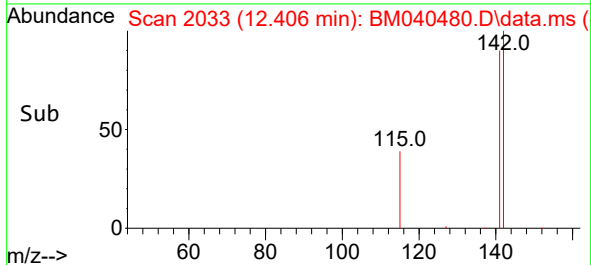
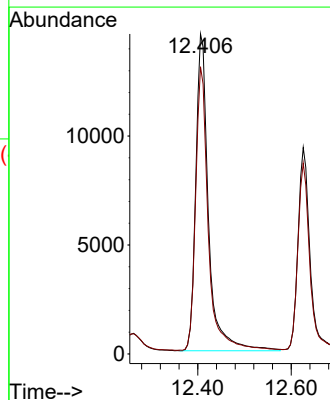
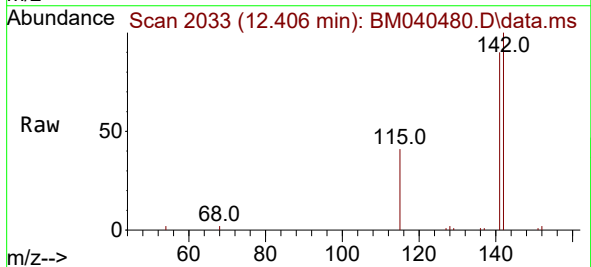
Instrument :
BNA_M
ClientSampleId :
DCFX0

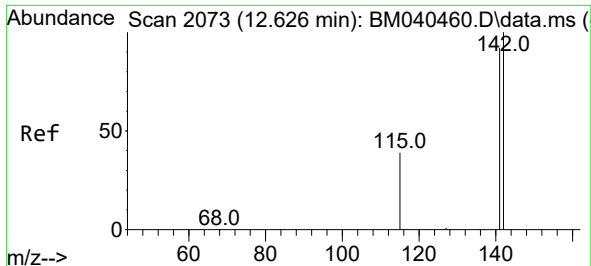
Tgt Ion:128 Resp: 105481
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.707 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Tgt Ion:142 Resp: 27657
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9

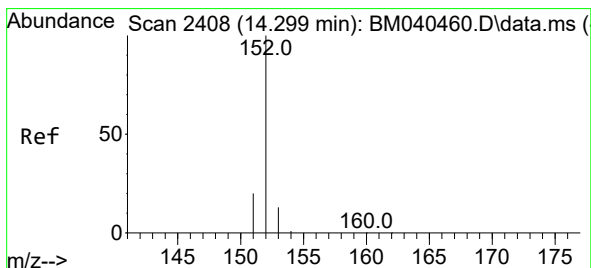
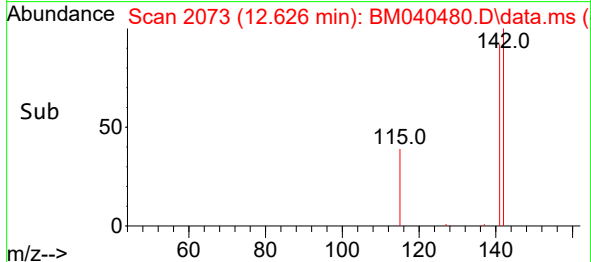
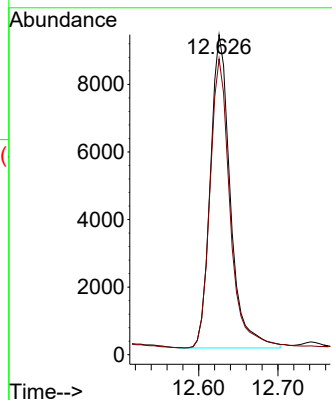
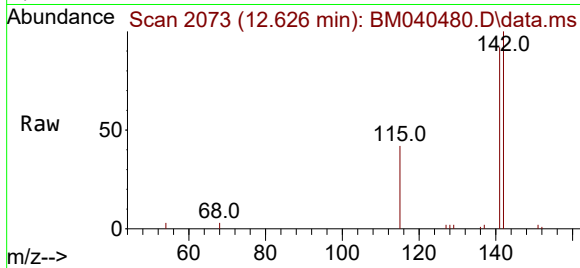




#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

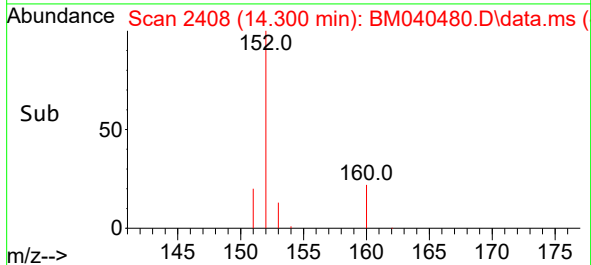
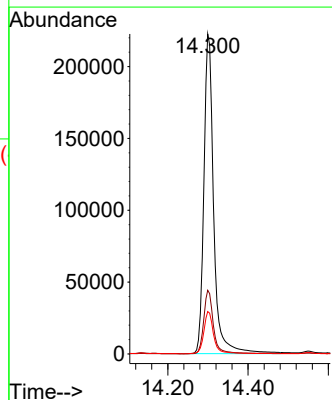
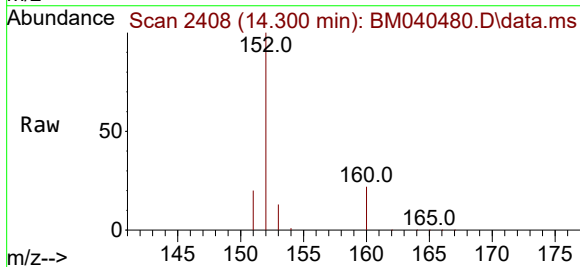
Instrument :
BNA_M
ClientSampleId :
DCFX0

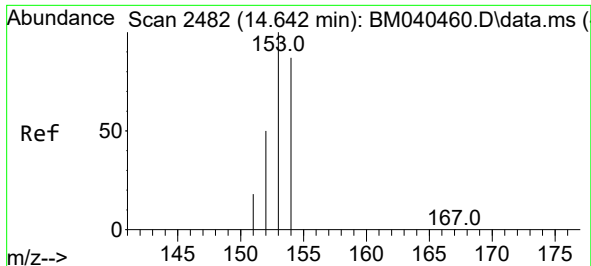
Tgt Ion:142 Resp: 16215
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5



#10
Acenaphthylene
Concen: 6.794 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Tgt Ion:152 Resp: 377926
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.9 16.3

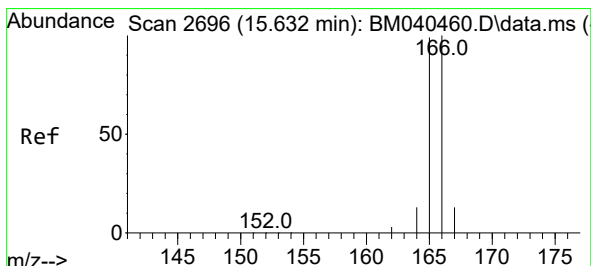
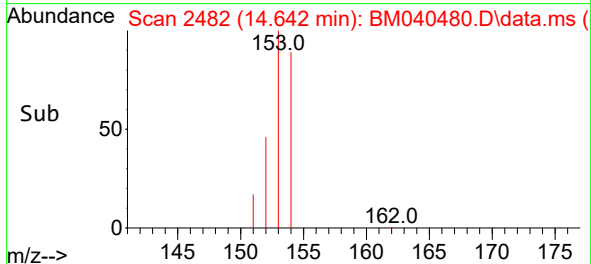
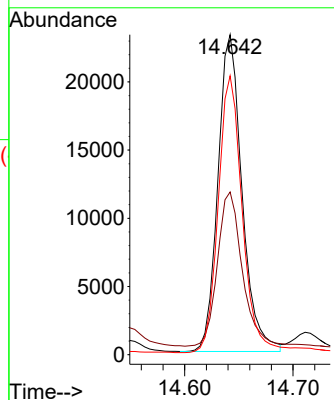
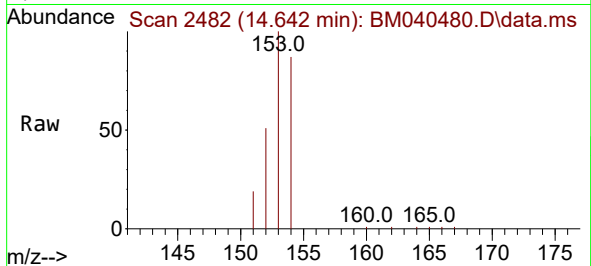




#11
Acenaphthene
Concen: 0.765 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

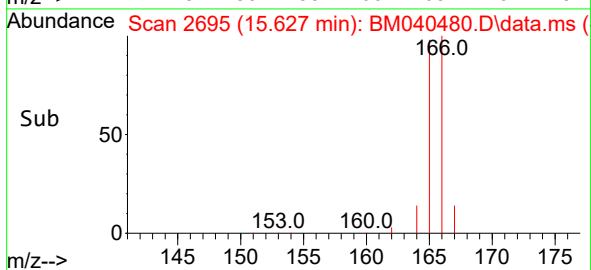
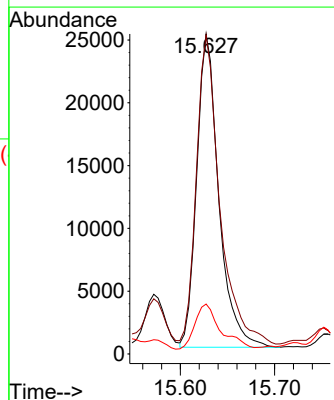
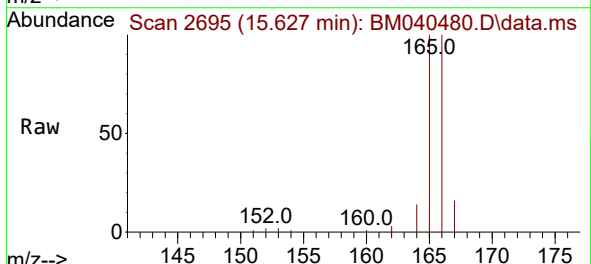
Instrument :
BNA_M
ClientSampleId :
DCFX0

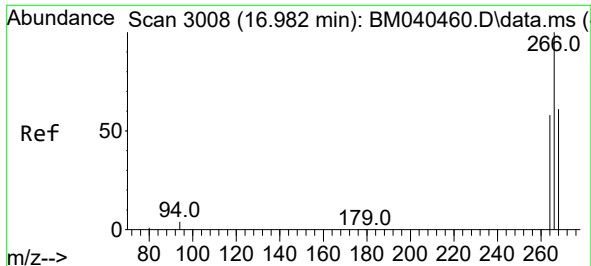
Tgt Ion:153 Resp: 35935
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 87.1 70.8 106.2



#12
Fluorene
Concen: 0.809 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Tgt Ion:166 Resp: 40567
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 15.6 11.4 17.0

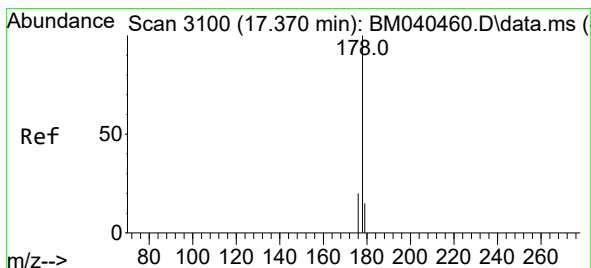
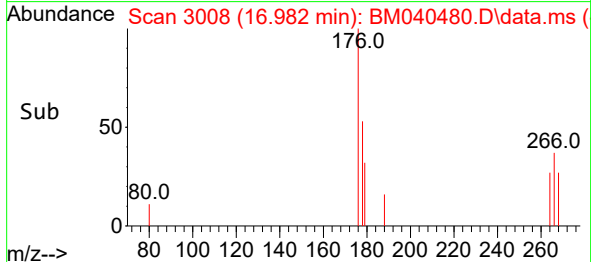
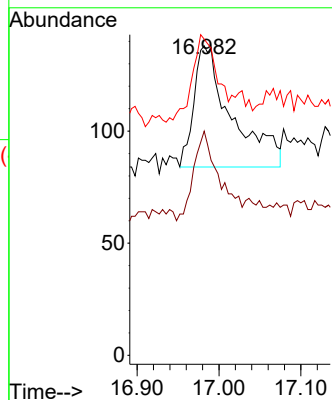
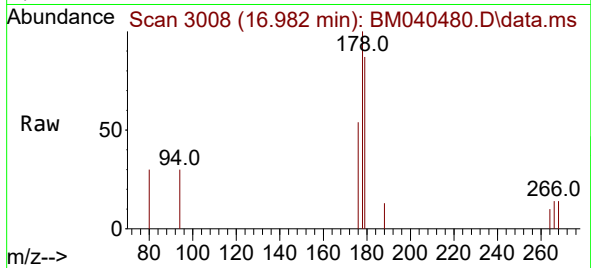




#14
 Pentachlorophenol
 Concen: 0.036 ng/ul
 RT: 16.982 min Scan# 3008
 Delta R.T. 0.000 min
 Lab File: BM040480.D
 Acq: 30 Jun 2023 20:16

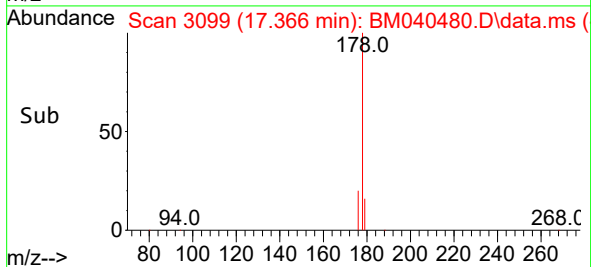
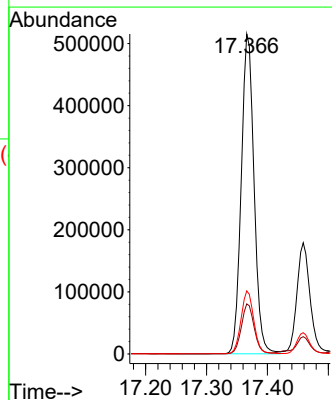
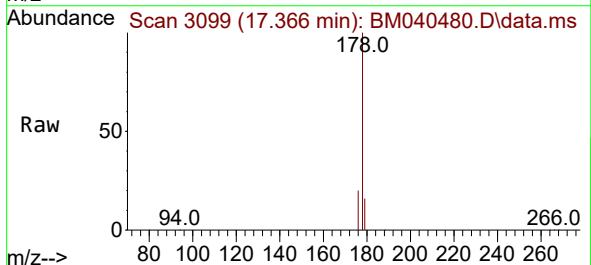
Instrument :
 BNA_M
 ClientSampleId :
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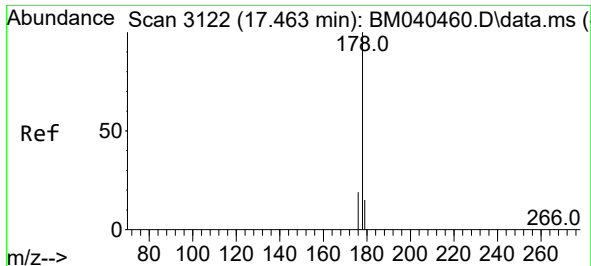
Tgt Ion:266 Resp: 173
 Ion Ratio Lower Upper
 266 100
 264 64.7 45.4 68.0
 268 60.7 47.2 70.8



#15
 Phenanthrene
 Concen: 9.829 ng/ul
 RT: 17.366 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM040480.D
 Acq: 30 Jun 2023 20:16

Tgt Ion:178 Resp: 754725
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.8 19.2
 176 19.7 16.4 24.6

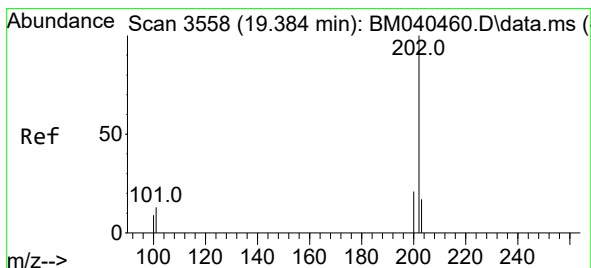
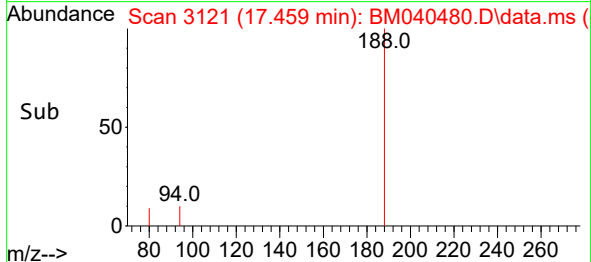
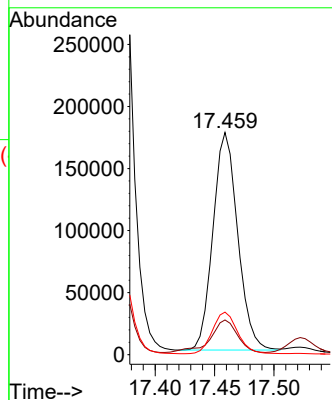
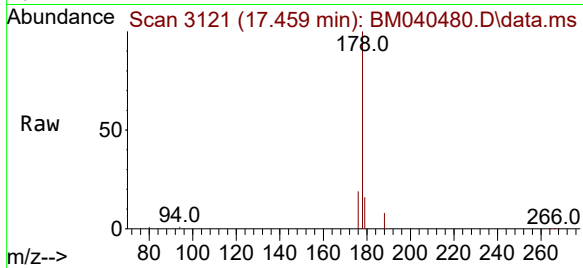




#16
 Anthracene
 Concen: 3.930 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040480.D
 Acq: 30 Jun 2023 20:16

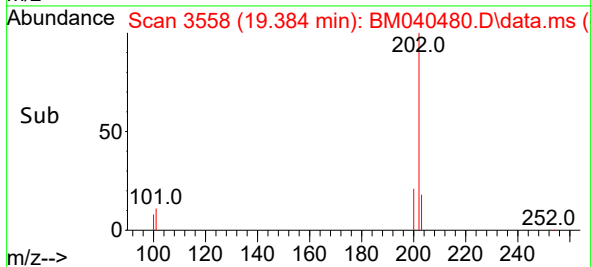
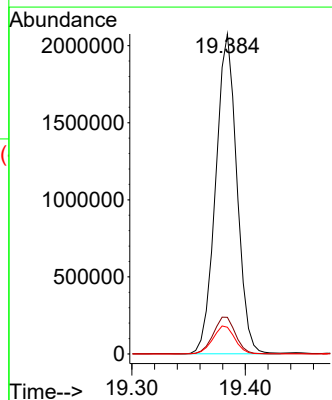
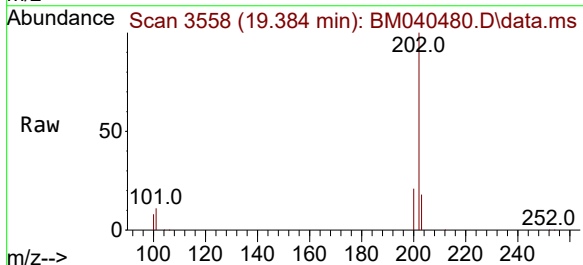
Instrument :
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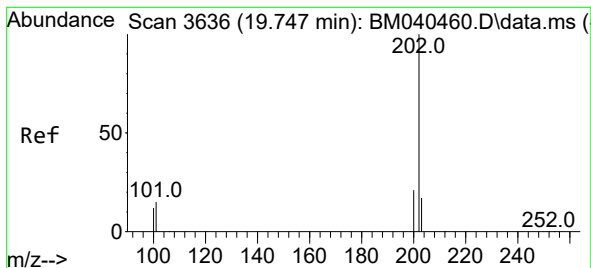
Tgt Ion:178 Resp: 253608
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.9 19.3
 176 19.2 15.8 23.6



#19
 Fluoranthene
 Concen: 43.072 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040480.D
 Acq: 30 Jun 2023 20:16

Tgt Ion:202 Resp: 2687120
 Ion Ratio Lower Upper
 202 100
 101 11.4 11.4 17.0
 100 8.4 8.7 13.1#





#20

Pyrene

Concen: 31.115 ng/ul

RT: 19.747 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM040480.D

Acq: 30 Jun 2023 20:16

Instrument :

BNA_M

ClientSampleId :

DCFX0

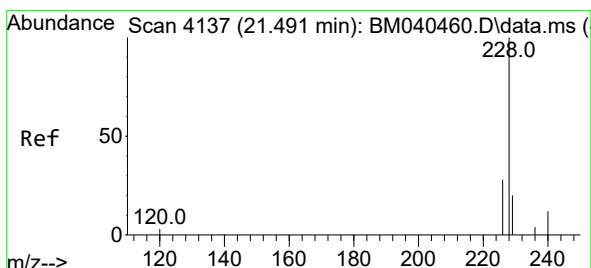
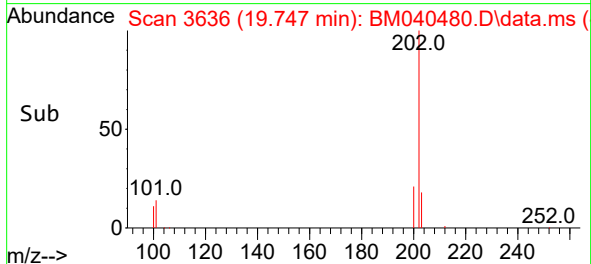
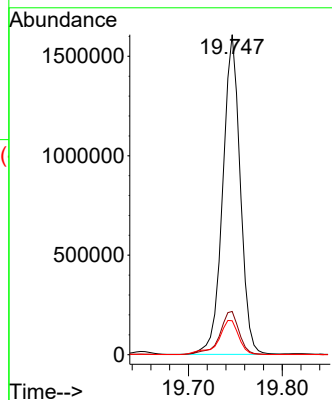
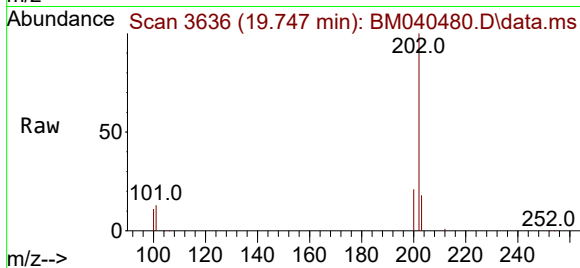
Tgt Ion:202 Resp: 2081148

Ion Ratio Lower Upper

202 100

101 13.5 12.6 18.8

100 10.6 9.8 14.6



#21

Benzo(a)anthracene

Concen: 20.911 ng/ul

RT: 21.488 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040480.D

Acq: 30 Jun 2023 20:16

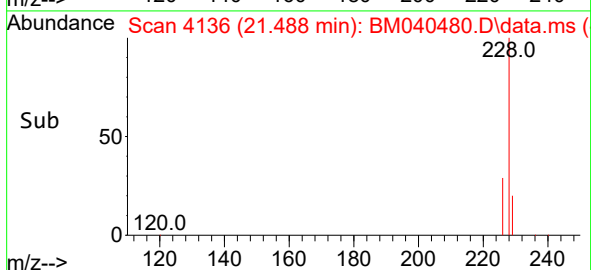
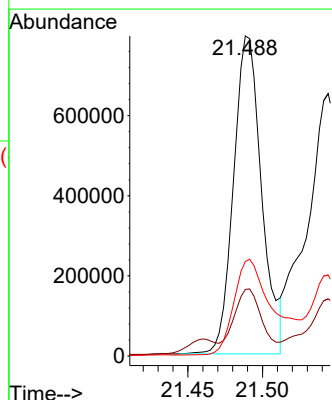
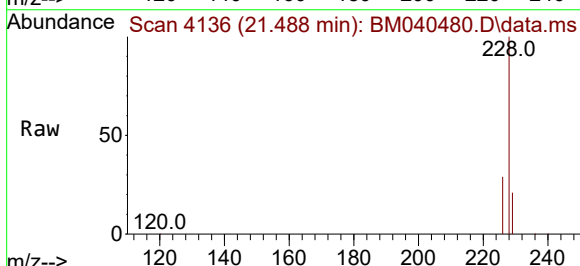
Tgt Ion:228 Resp: 1038830

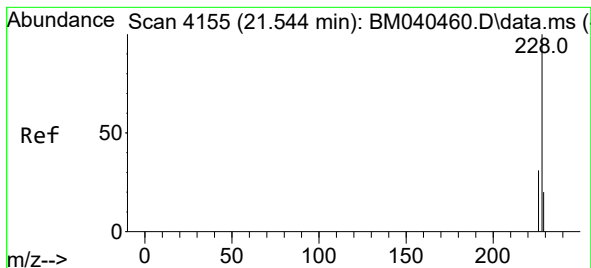
Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

226 29.5 22.3 33.5





#22

Chrysene

Concen: 18.627 ng/ul

RT: 21.544 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BM040480.D

Acq: 30 Jun 2023 20:16

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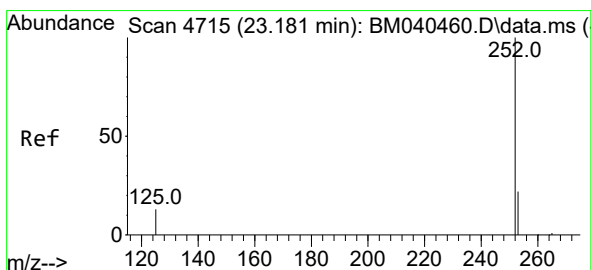
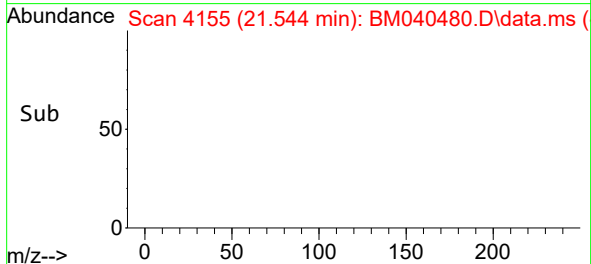
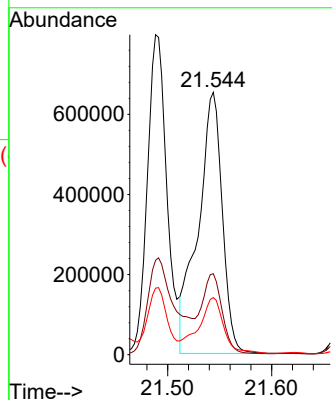
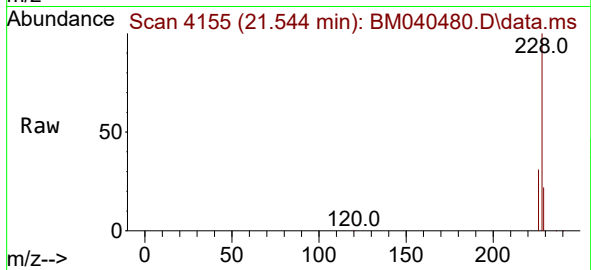
Tgt Ion:228 Resp: 1055551

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 28.485 ng/ul

RT: 23.189 min Scan# 4718

Delta R.T. 0.009 min

Lab File: BM040480.D

Acq: 30 Jun 2023 20:16

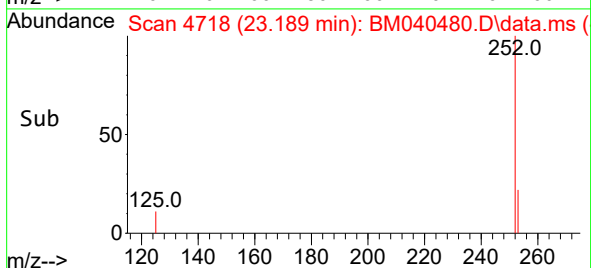
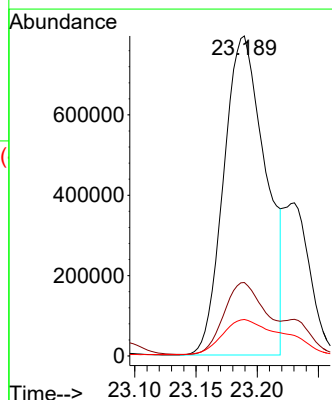
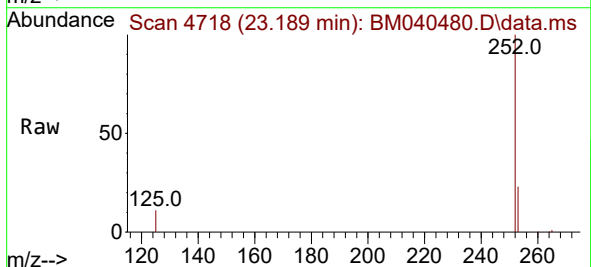
Tgt Ion:252 Resp: 1885689

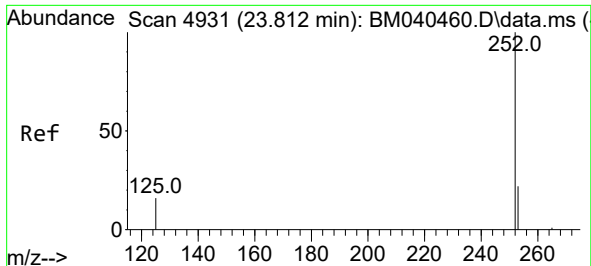
Ion Ratio Lower Upper

252 100

253 23.0 0.0 52.8

125 11.4 0.0 43.0

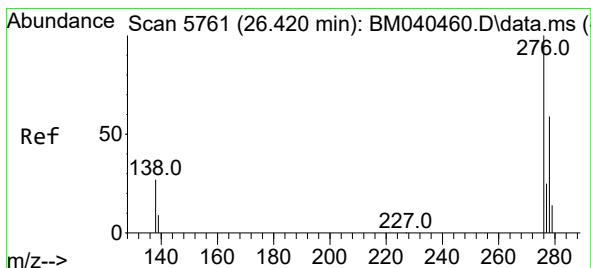
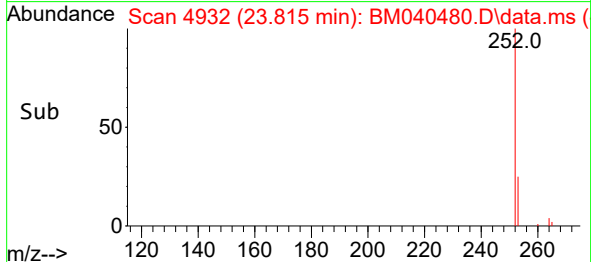
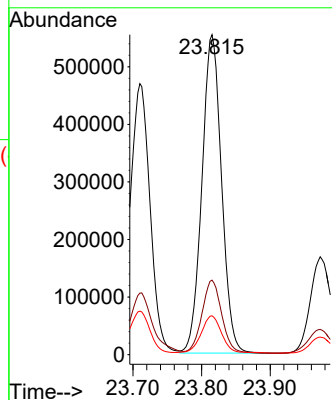
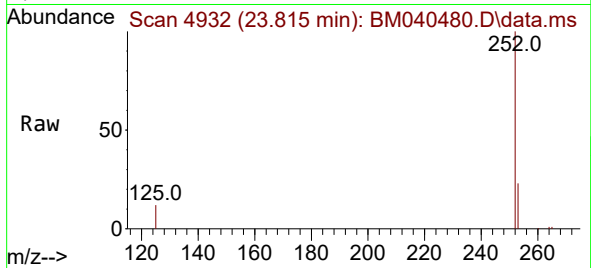




#26
Benzo(a)pyrene
Concen: 18.461 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

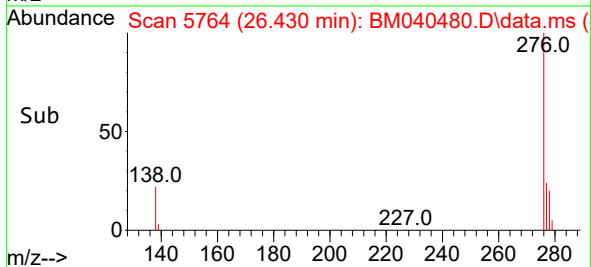
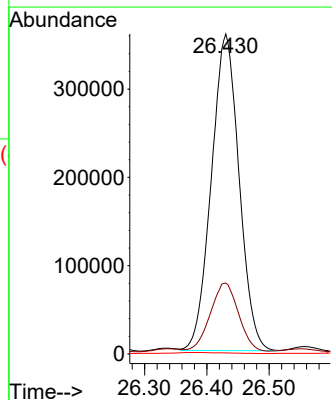
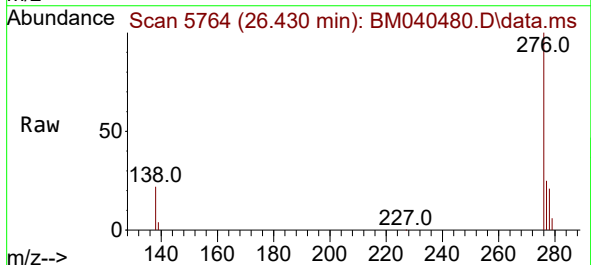
Instrument :
BNA_M
ClientSampleId :
DCFX0

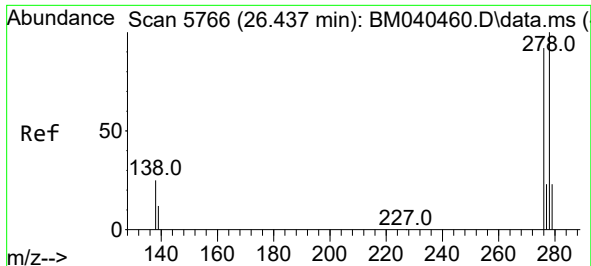
Tgt Ion:252 Resp: 1100879
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 12.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.362 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. 0.010 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Tgt Ion:276 Resp: 1109717
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.0 0.1 0.1#

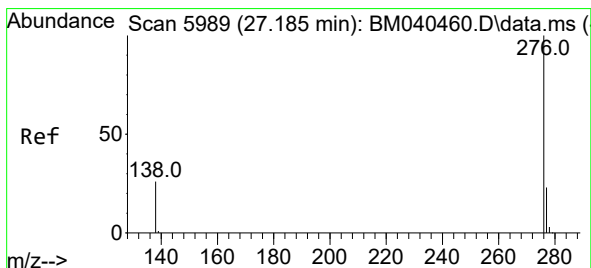
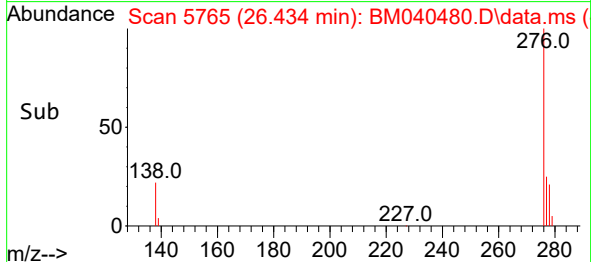
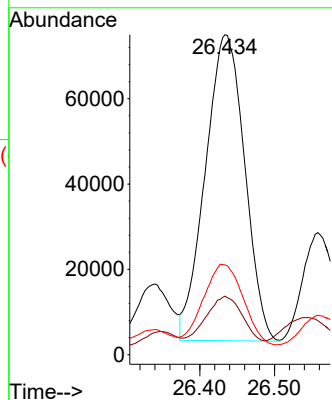
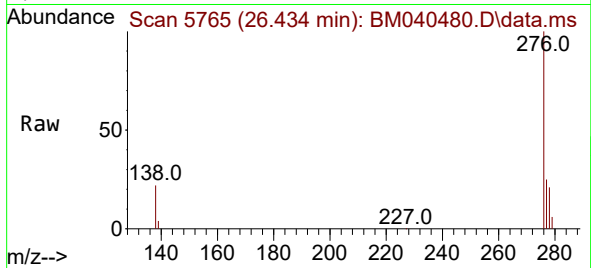




#28
Dibenzo(a,h)anthracene
Concen: 4.037 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Instrument :
BNA_M
ClientSampleId :
DCFX0

Tgt Ion:278 Resp: 262531
Ion Ratio Lower Upper
278 100
139 18.3 17.9 26.9
279 28.0 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 14.080 ng/ul
RT: 27.208 min Scan# 5996
Delta R.T. 0.024 min
Lab File: BM040480.D
Acq: 30 Jun 2023 20:16

Tgt Ion:276 Resp: 1024921
Ion Ratio Lower Upper
276 100
138 23.2 23.0 34.6
277 24.1 20.3 30.5

