

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040475.D
 Acq On : 30 Jun 2023 17:07
 Operator : MA/JU
 Sample : 03161-21DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX7DL

Quant Time: Jul 01 03:04:04 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)

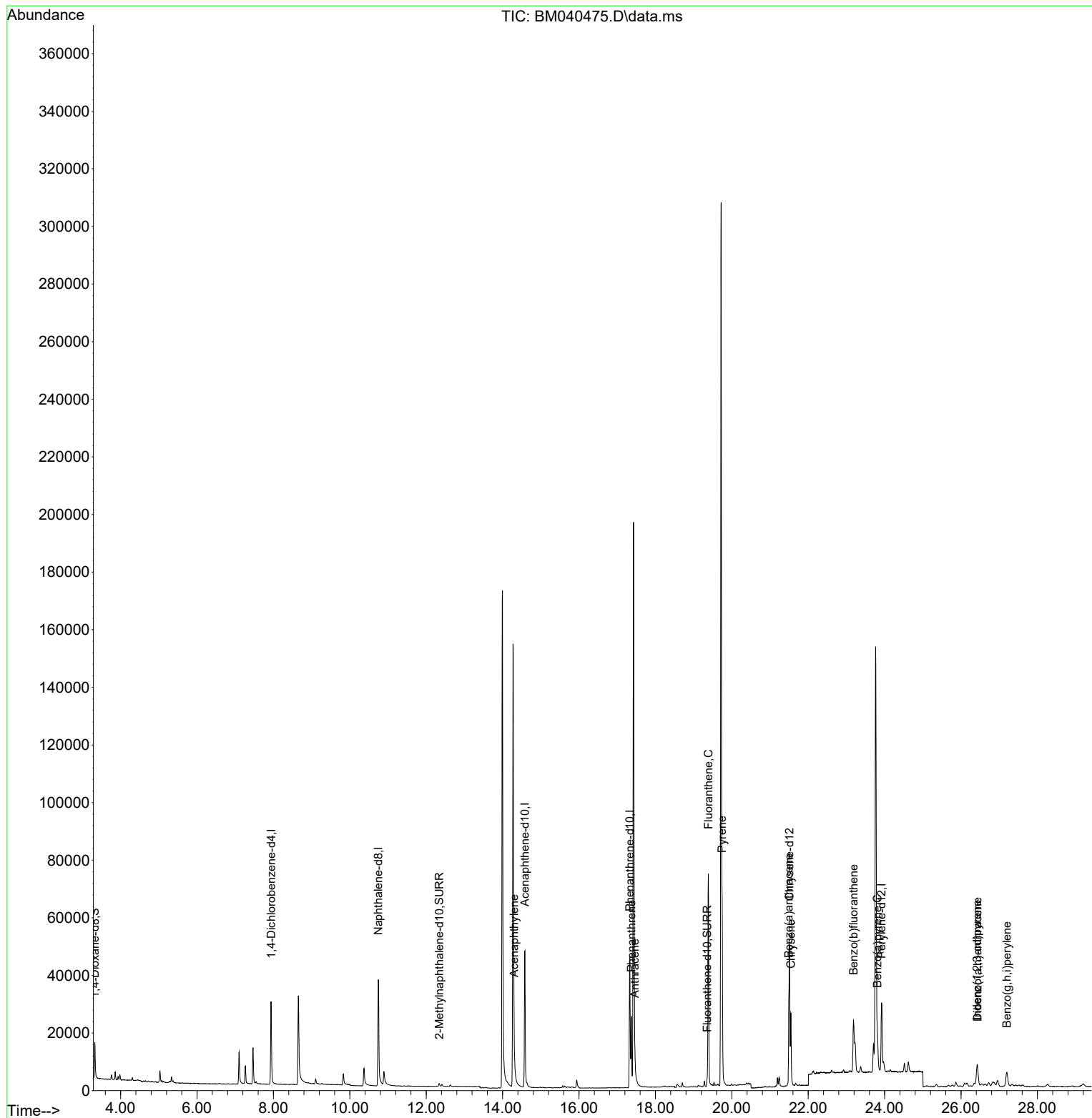
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	15708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	59301	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	29158	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	59365	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	40345	0.400	ng/ul	# 0.00
23) Perylene-d12	23.920	264	34577	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	7523	0.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1796	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	3243	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.300	152	3166	0.024	ng/ul#	90
15) Phenanthrene	17.370	178	27975	0.152	ng/ul	100
16) Anthracene	17.459	178	5427	0.035	ng/ul#	92
19) Fluoranthene	19.384	202	67681	0.395	ng/ul	96
20) Pyrene	19.747	202	48804	0.266	ng/ul	99
21) Benzo(a)anthracene	21.491	228	22181	0.163	ng/ul	97
22) Chrysene	21.547	228	26108	0.168	ng/ul	97
24) Benzo(b)fluoranthene	23.187	252	31959	0.239	ng/ul	98
26) Benzo(a)pyrene	23.812	252	15168	0.126	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.420	276	13882	0.083	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.430	278	3661	0.028	ng/ul#	58
29) Benzo(g,h,i)perylene	27.199	276	12110	0.082	ng/ul	96

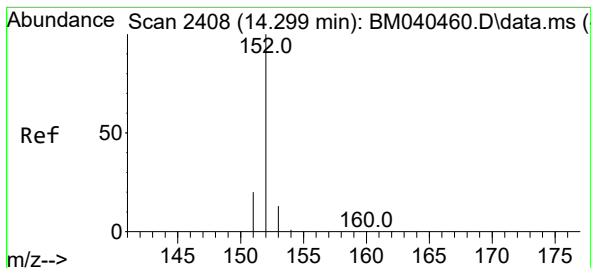
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.300 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

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BNA_M

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DCFX7DL

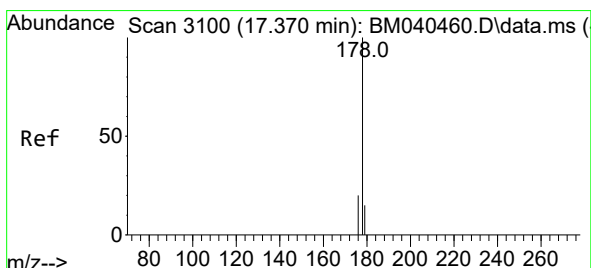
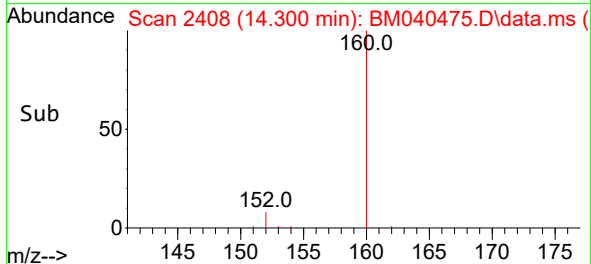
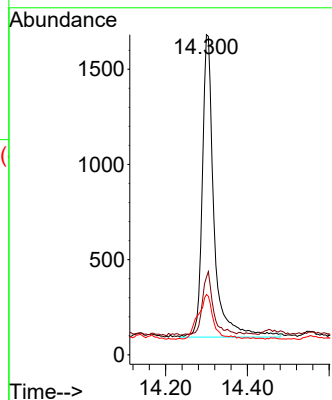
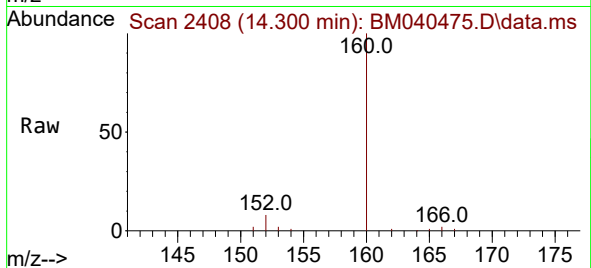
Tgt Ion:152 Resp: 3166

Ion Ratio Lower Upper

152 100

151 24.2 16.2 24.2

153 18.8 10.9 16.3#



#15

Phenanthrene

Concen: 0.152 ng/ul

RT: 17.370 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

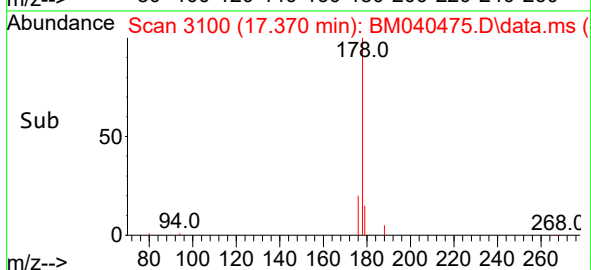
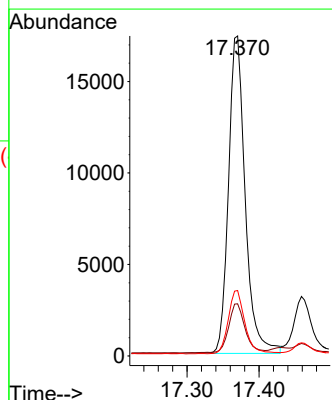
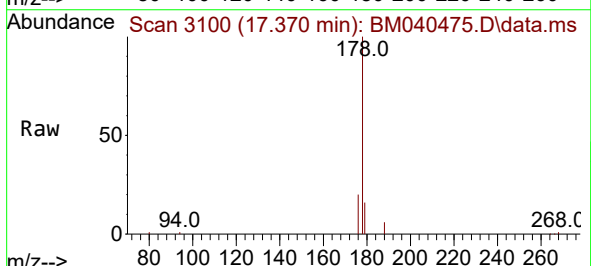
Tgt Ion:178 Resp: 27975

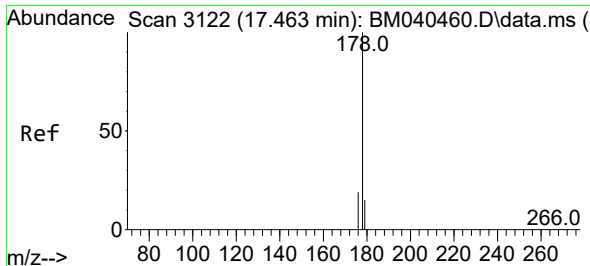
Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

176 20.5 16.4 24.6

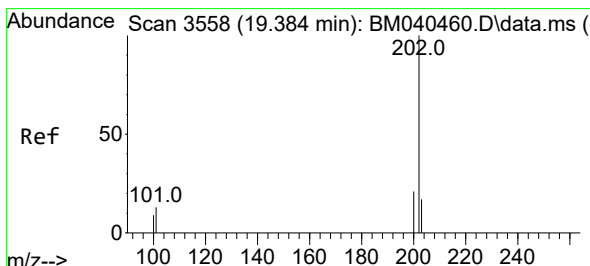
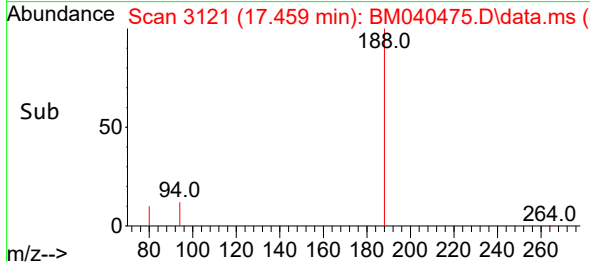
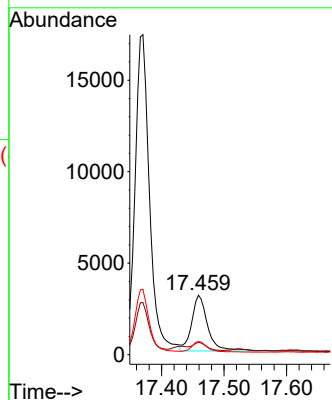
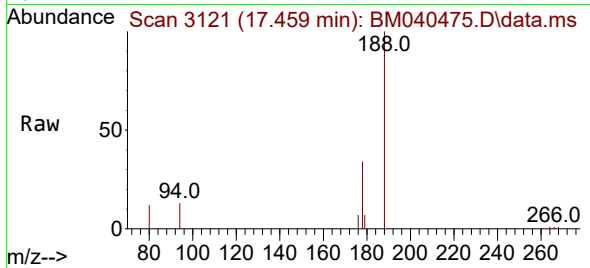




#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040475.D
 Acq: 30 Jun 2023 17:07

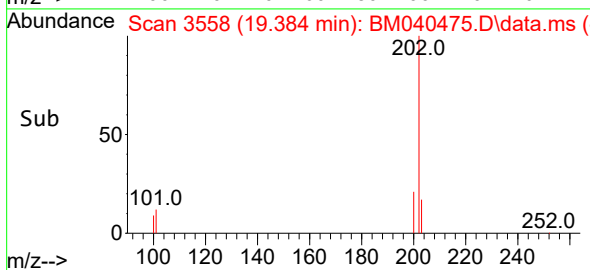
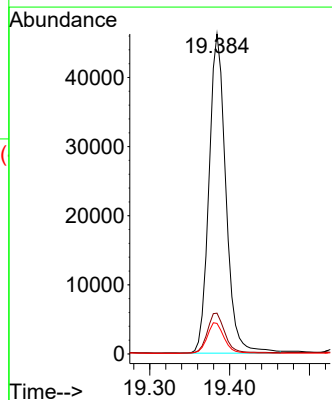
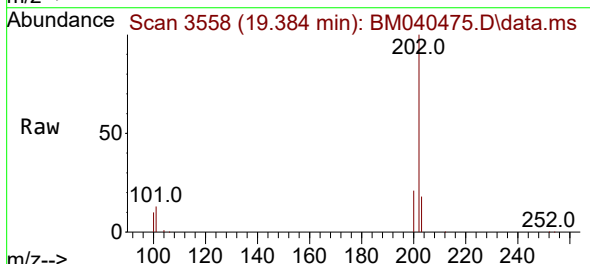
Instrument :
 BNA_M
 ClientSampleId :
 DCFX7DL

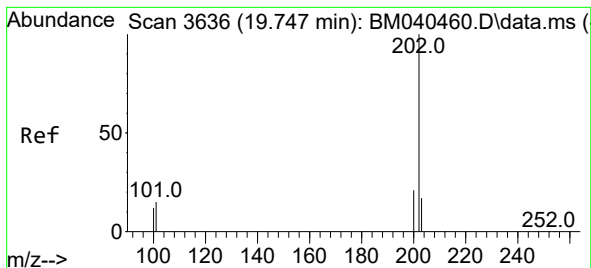
Tgt Ion:178 Resp: 5427
 Ion Ratio Lower Upper
 178 100
 179 20.9 12.9 19.3#
 176 22.1 15.8 23.6



#19
 Fluoranthene
 Concen: 0.395 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040475.D
 Acq: 30 Jun 2023 17:07

Tgt Ion:202 Resp: 67681
 Ion Ratio Lower Upper
 202 100
 101 12.7 11.4 17.0
 100 9.5 8.7 13.1





#20

Pyrene

Concen: 0.266 ng/ul

RT: 19.747 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

Instrument :

BNA_M

ClientSampleId :

DCFX7DL

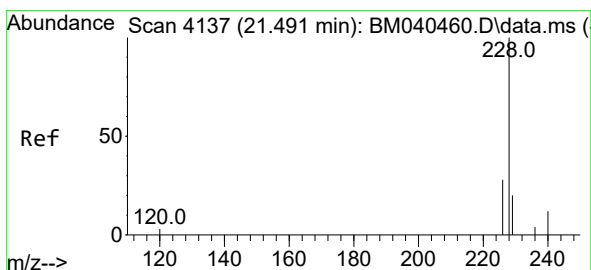
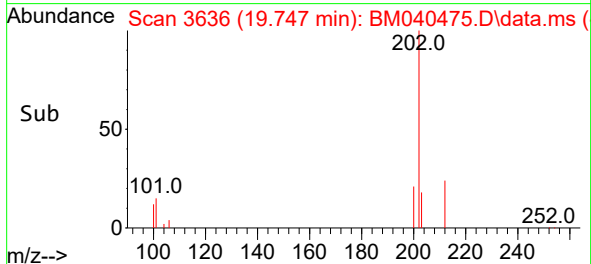
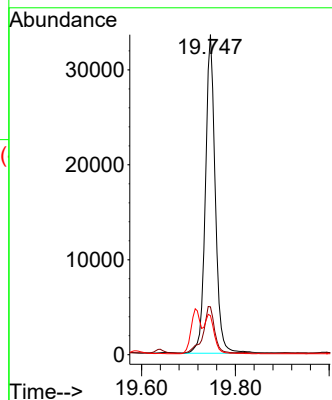
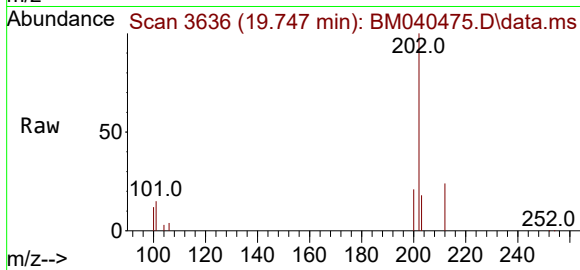
Tgt Ion:202 Resp: 48804

Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 12.2 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.163 ng/ul

RT: 21.491 min Scan# 4137

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

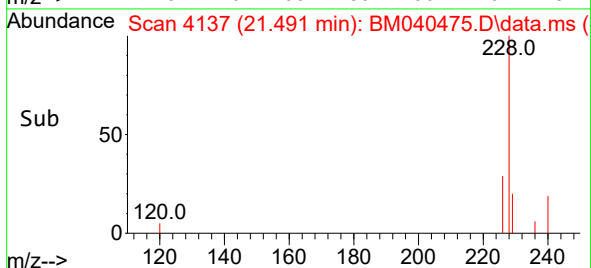
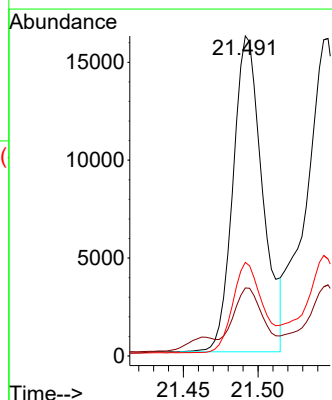
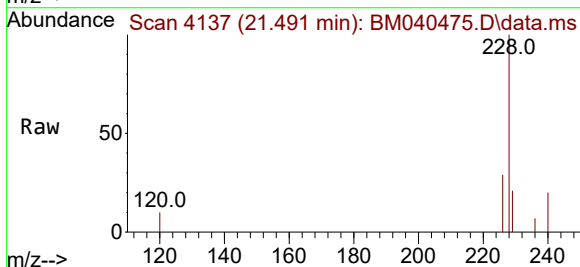
Tgt Ion:228 Resp: 22181

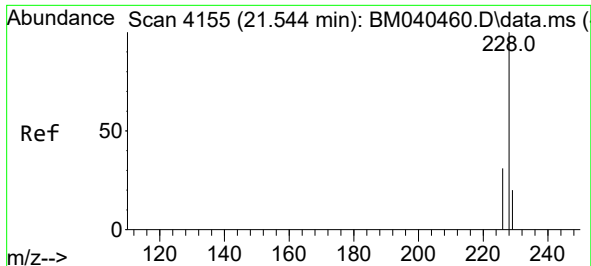
Ion Ratio Lower Upper

228 100

229 21.2 16.0 24.0

226 29.2 22.3 33.5

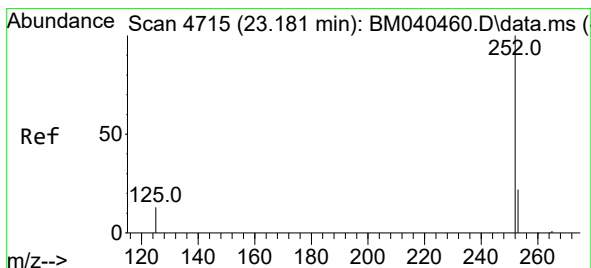
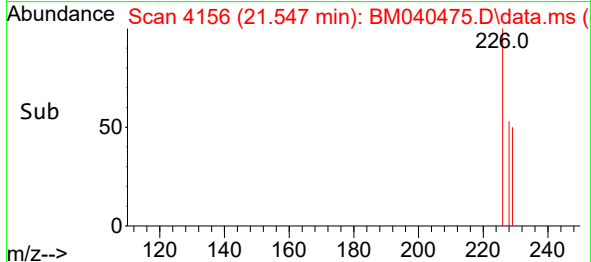
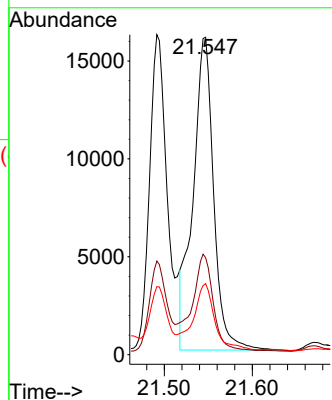
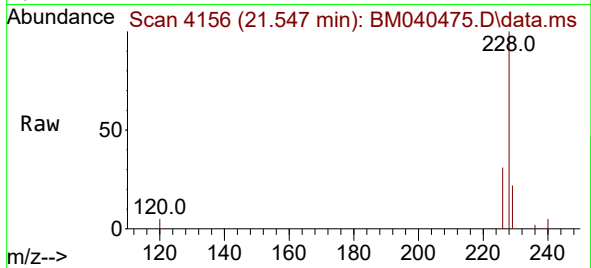




#22
Chrysene
Concen: 0.168 ng/ul
RT: 21.547 min Scan# 4155
Delta R.T. 0.003 min
Lab File: BM040475.D
Acq: 30 Jun 2023 17:07

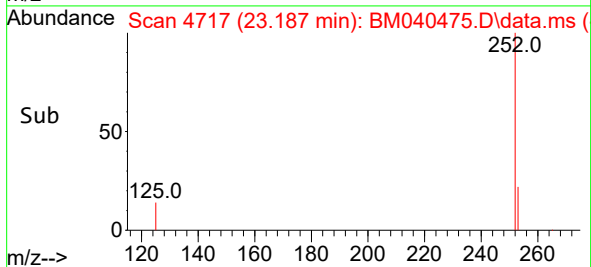
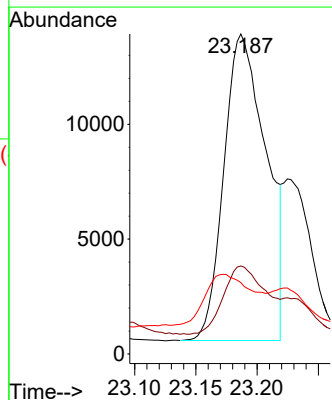
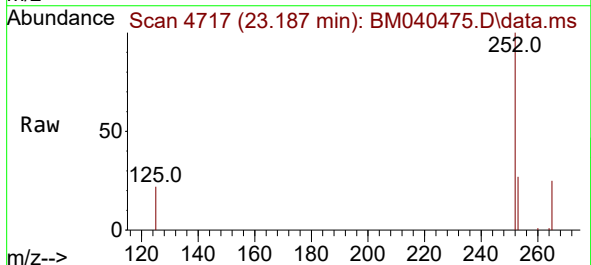
Instrument :
BNA_M
ClientSampleId :
DCFX7DL

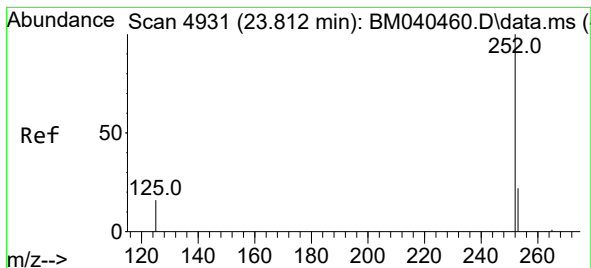
Tgt Ion:228 Resp: 26108
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.4 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. 0.006 min
Lab File: BM040475.D
Acq: 30 Jun 2023 17:07

Tgt Ion:252 Resp: 31959
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.8
125 22.3 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.126 ng/ul

RT: 23.812 min Scan# 4931

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

Instrument :

BNA_M

ClientSampleId :

DCFX7DL

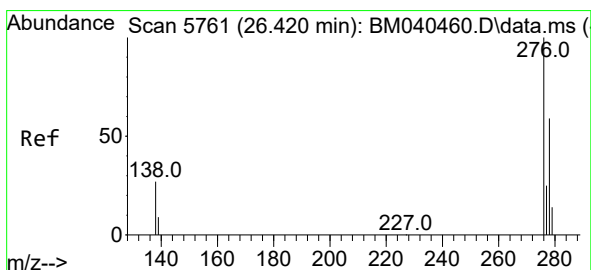
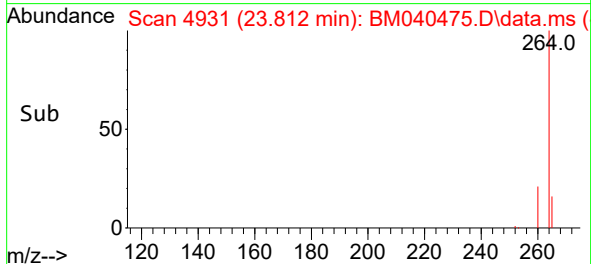
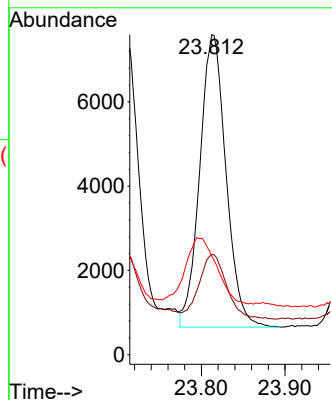
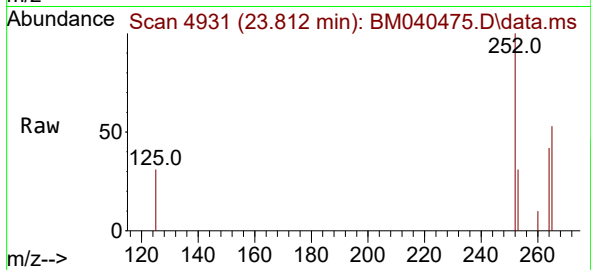
Tgt Ion:252 Resp: 15168

Ion Ratio Lower Upper

252 100

253 31.4 22.9 34.3

125 30.9 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.083 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040475.D

Acq: 30 Jun 2023 17:07

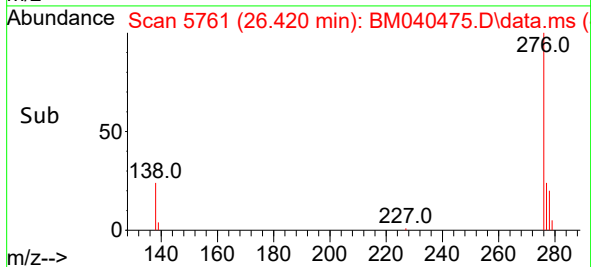
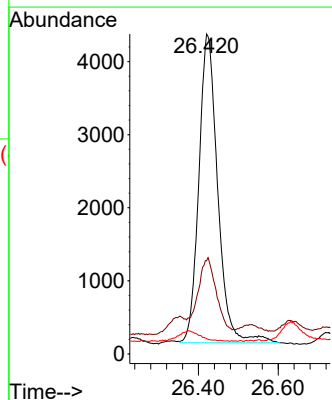
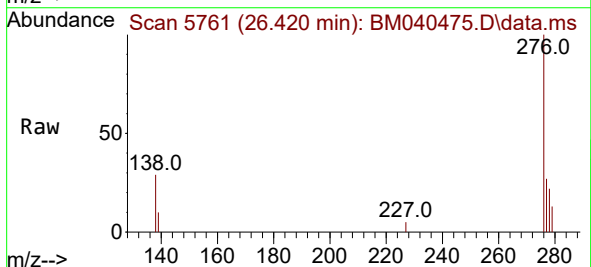
Tgt Ion:276 Resp: 13882

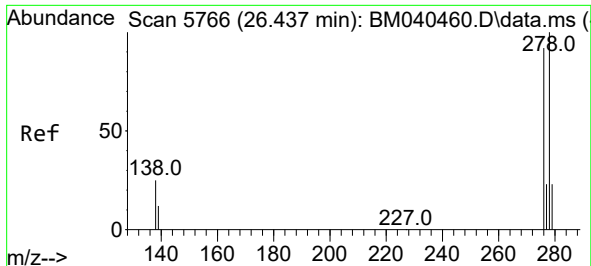
Ion Ratio Lower Upper

276 100

138 23.5 24.5 36.7#

227 0.0 0.1 0.1#

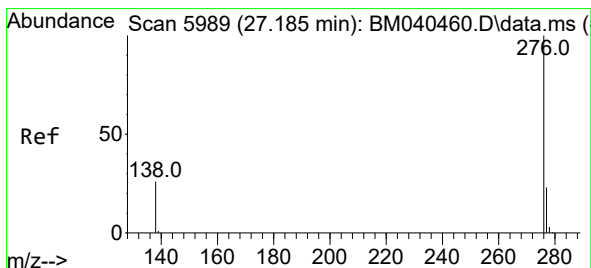
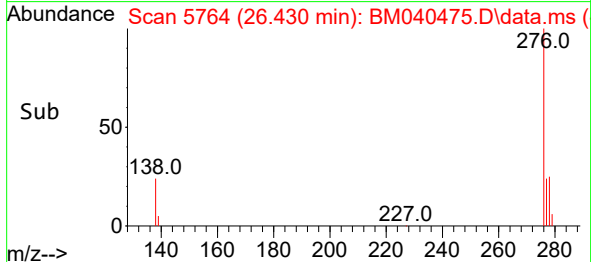
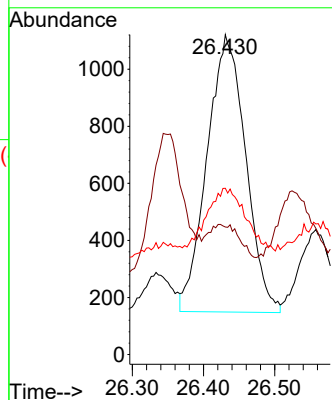
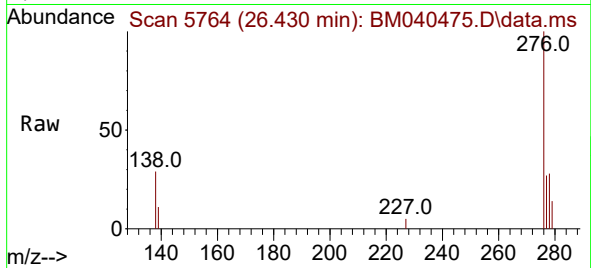




#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040475.D
Acq: 30 Jun 2023 17:07

Instrument :
BNA_M
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DCFX7DL

Tgt Ion:278 Resp: 3661
Ion Ratio Lower Upper
278 100
139 39.9 17.9 26.9#
279 52.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.082 ng/ul
RT: 27.199 min Scan# 5993
Delta R.T. 0.014 min
Lab File: BM040475.D
Acq: 30 Jun 2023 17:07

Tgt Ion:276 Resp: 12110
Ion Ratio Lower Upper
276 100
138 31.3 23.0 34.6
277 27.2 20.3 30.5

