

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040511.D
 Acq On : 01 Jul 2023 19:51
 Operator : MA/JU
 Sample : 03242-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB3

Quant Time: Jul 01 23:48:57 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)

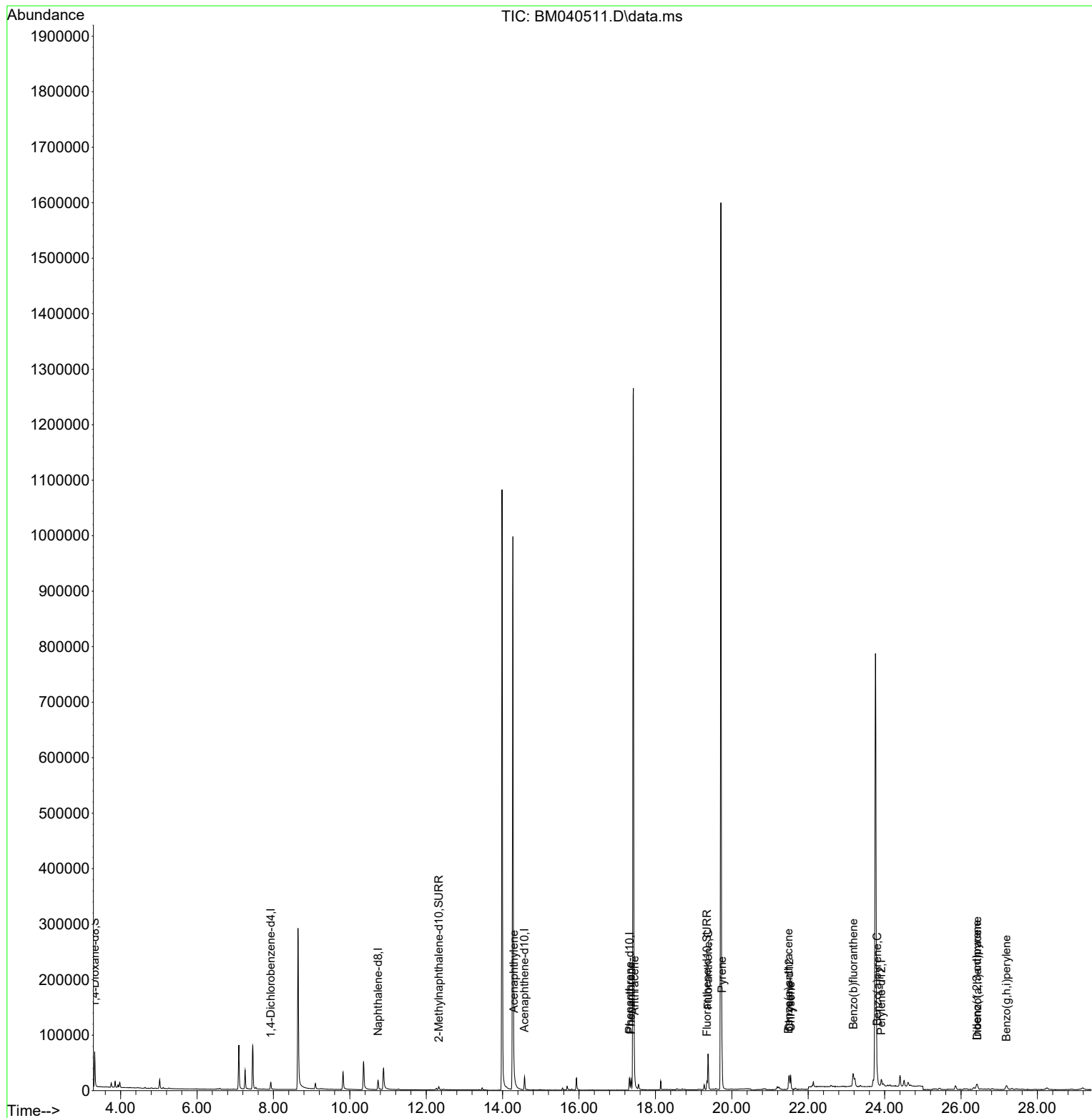
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	6641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	13447	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	26906	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18274	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	17859	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	37431	3.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	9179	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17092	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.295	152	1398	0.023	ng/ul#	67
15) Phenanthrene	17.362	178	22842	0.273	ng/ul	99
16) Anthracene	17.451	178	1477	0.021	ng/ul#	73
19) Fluoranthene	19.380	202	58797	0.757	ng/ul	96
20) Pyrene	19.742	202	50110	0.602	ng/ul	98
21) Benzo(a)anthracene	21.486	228	18199	0.294	ng/ul	95
22) Chrysene	21.541	228	27616	0.392	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	38375	0.555	ng/ul	93
26) Benzo(a)pyrene	23.806	252	21340	0.343	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.417	276	19202	0.221	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.427	278	4296	0.063	ng/ul#	50
29) Benzo(g,h,i)perylene	27.185	276	18058	0.238	ng/ul	97

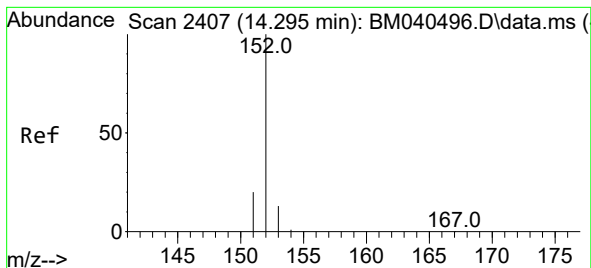
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040511.D

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DCGB3

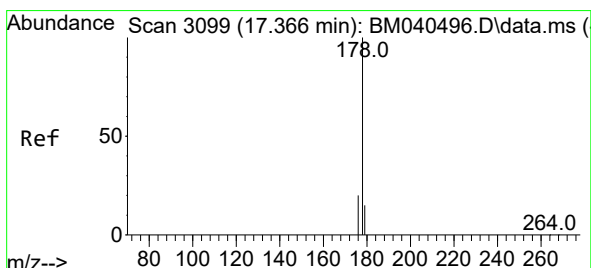
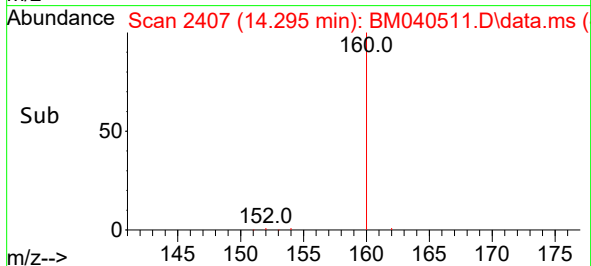
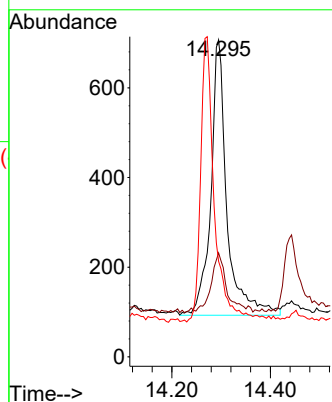
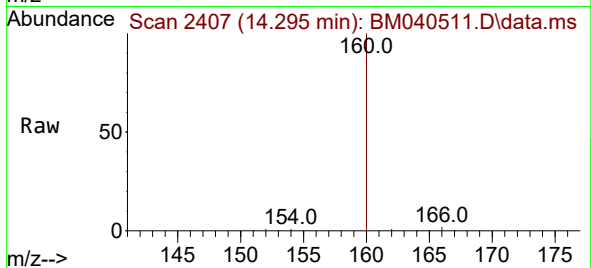
Tgt Ion:152 Resp: 1398

Ion Ratio Lower Upper

152 100

151 32.8 16.2 24.2#

153 30.1 10.9 16.3#



#15

Phenanthrene

Concen: 0.273 ng/ul

RT: 17.362 min Scan# 3098

Delta R.T. -0.008 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

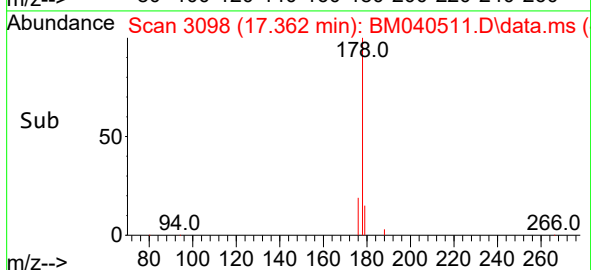
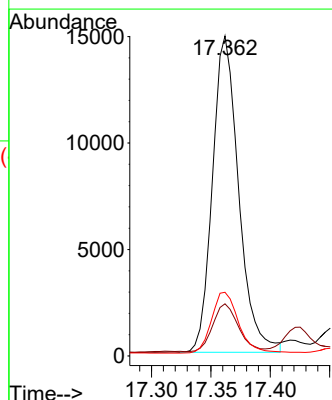
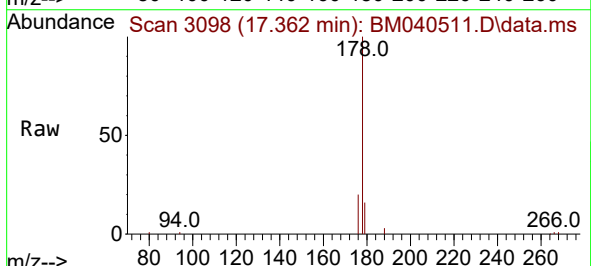
Tgt Ion:178 Resp: 22842

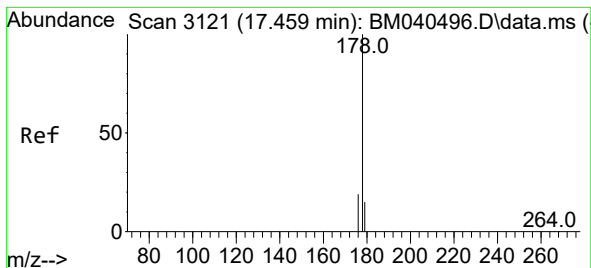
Ion Ratio Lower Upper

178 100

179 16.3 12.8 19.2

176 19.9 16.4 24.6





#16

Anthracene

Concen: 0.021 ng/ul

RT: 17.451 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCGB3

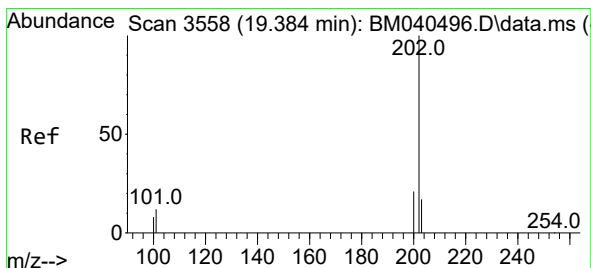
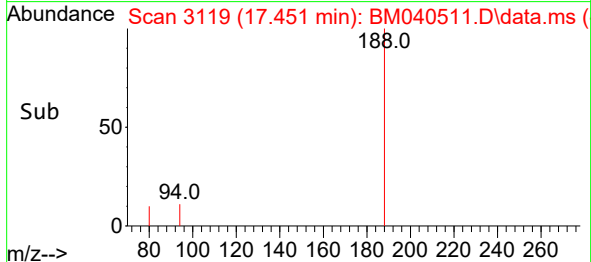
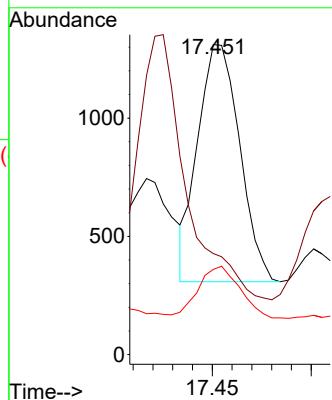
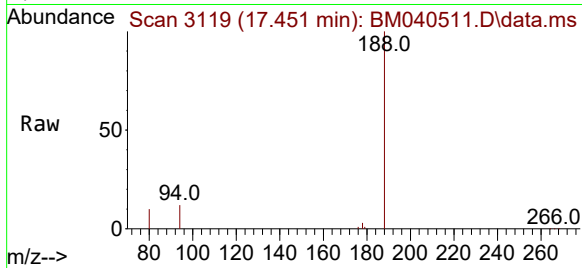
Tgt Ion:178 Resp: 1477

Ion Ratio Lower Upper

178 100

179 32.6 12.9 19.3#

176 27.5 15.8 23.6#



#19

Fluoranthene

Concen: 0.757 ng/ul

RT: 19.380 min Scan# 3557

Delta R.T. -0.004 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

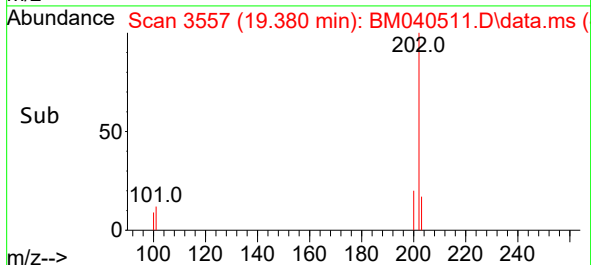
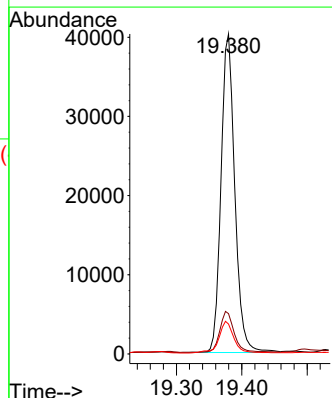
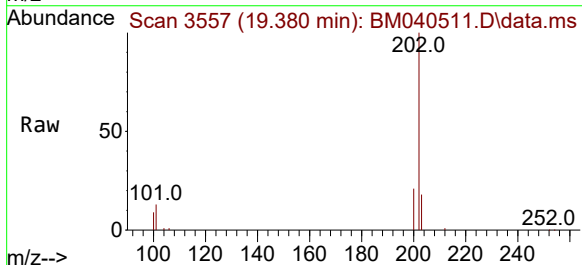
Tgt Ion:202 Resp: 58797

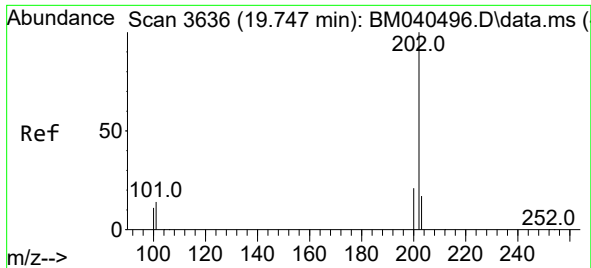
Ion Ratio Lower Upper

202 100

101 12.6 11.4 17.0

100 9.4 8.7 13.1

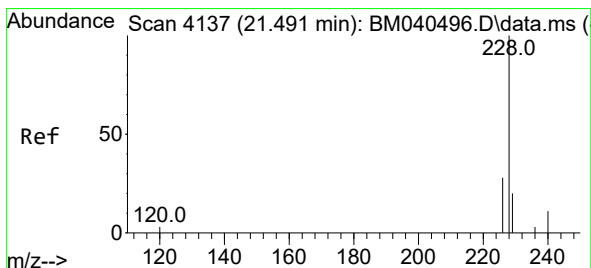
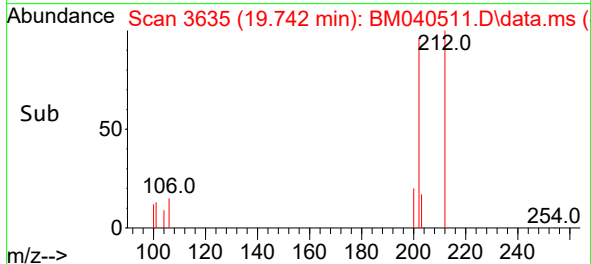
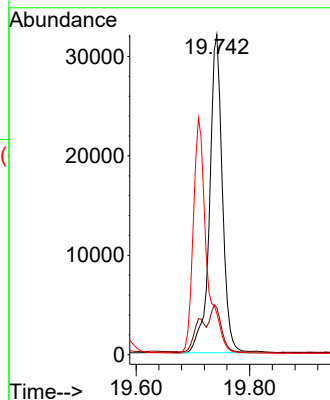
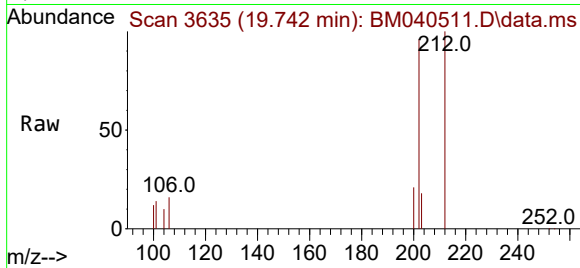




#20
Pyrene
Concen: 0.602 ng/ul
RT: 19.742 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

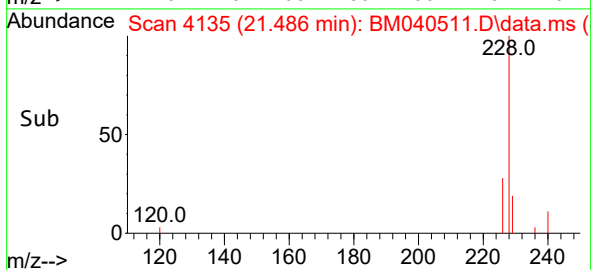
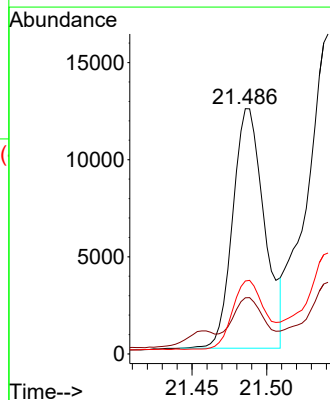
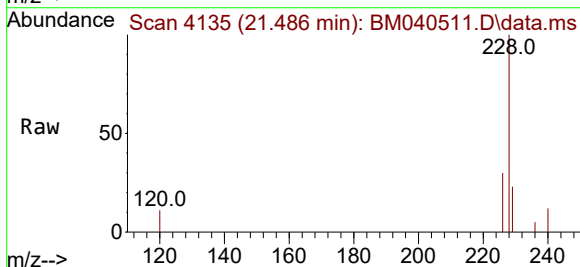
Instrument :
BNA_M
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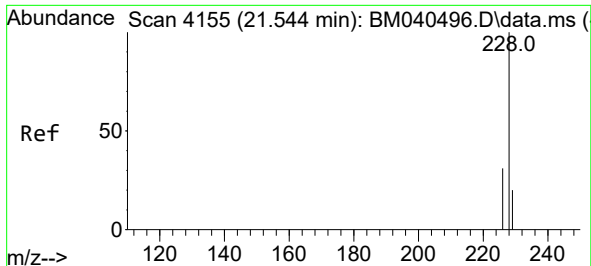
Tgt Ion:202 Resp: 50110
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

Tgt Ion:228 Resp: 18199
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 29.7 22.3 33.5

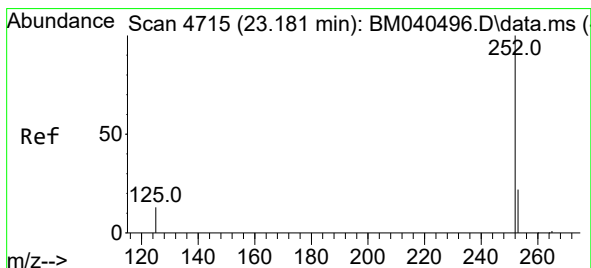
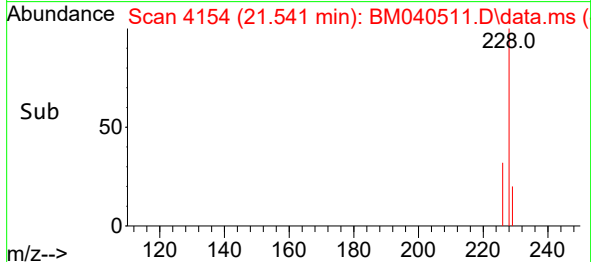
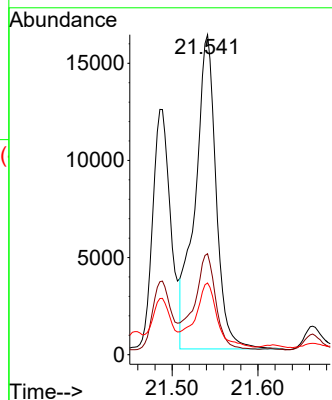
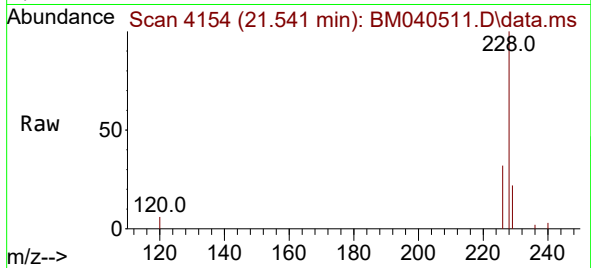




#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.541 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

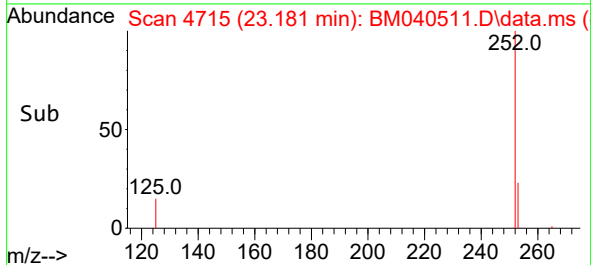
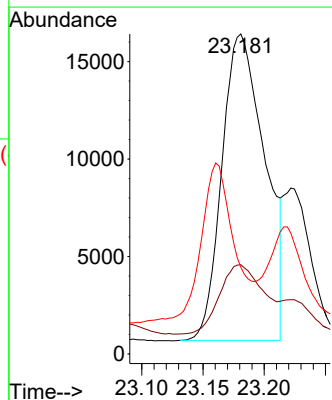
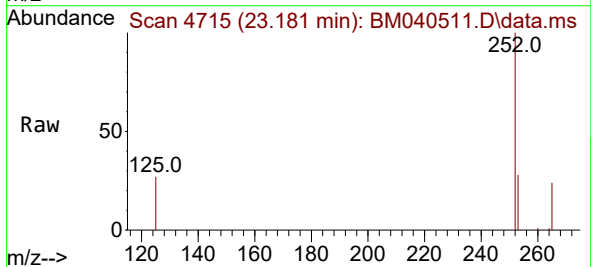
Instrument :
BNA_M
ClientSampleId :
DCGB3

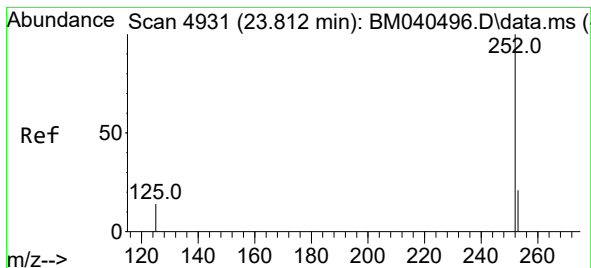
Tgt Ion:228 Resp: 27616
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.4 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 0.555 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

Tgt Ion:252 Resp: 38375
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.8
125 27.1 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.806 min Scan# 4929

Delta R.T. -0.006 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCGB3

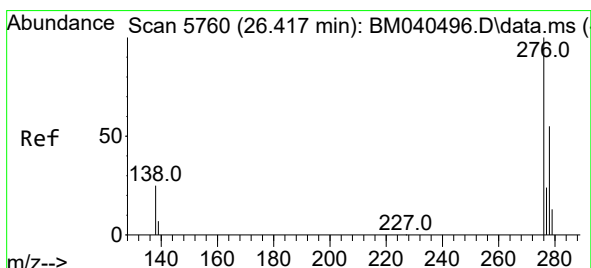
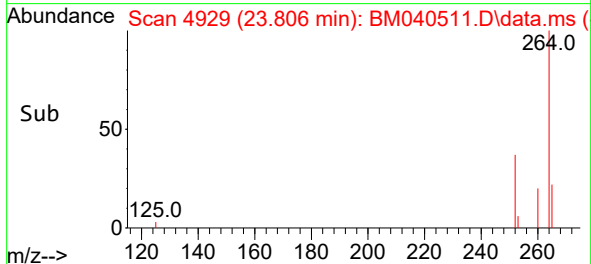
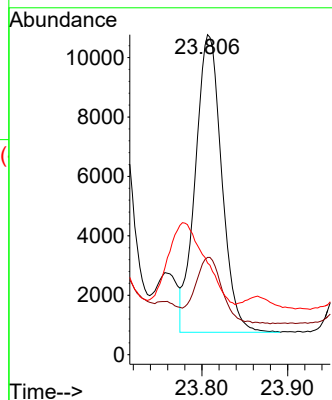
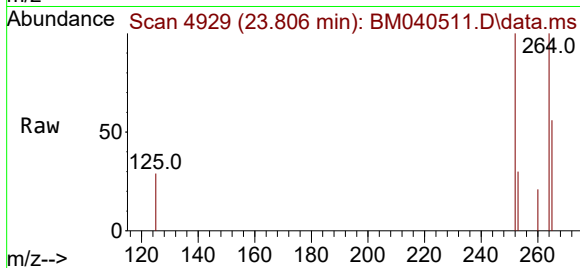
Tgt Ion:252 Resp: 21340

Ion Ratio Lower Upper

252 100

253 30.4 22.9 34.3

125 28.7 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.221 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.003 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

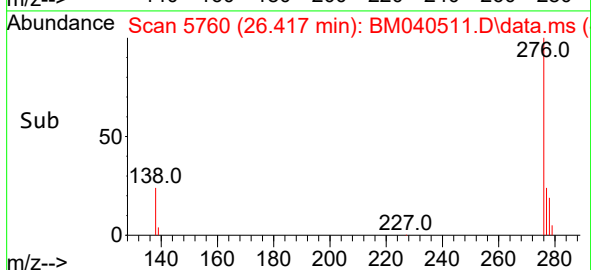
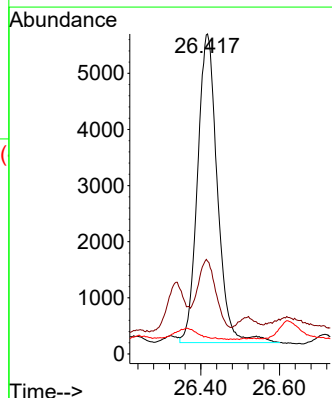
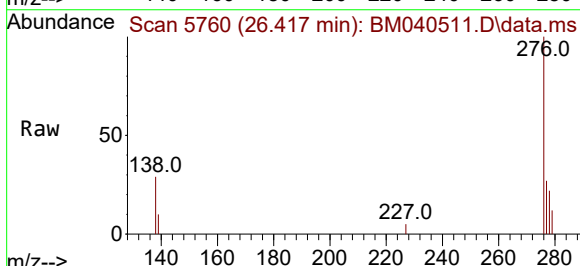
Tgt Ion:276 Resp: 19202

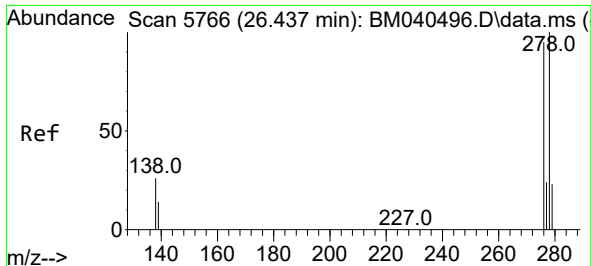
Ion Ratio Lower Upper

276 100

138 19.6 24.5 36.7#

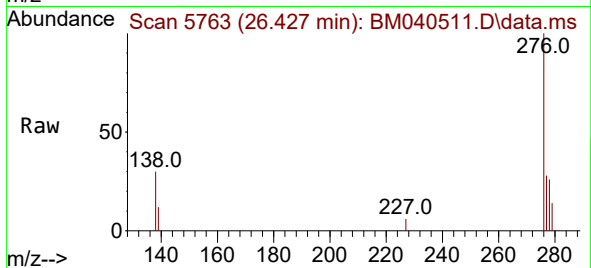
227 0.0 0.1 0.1#



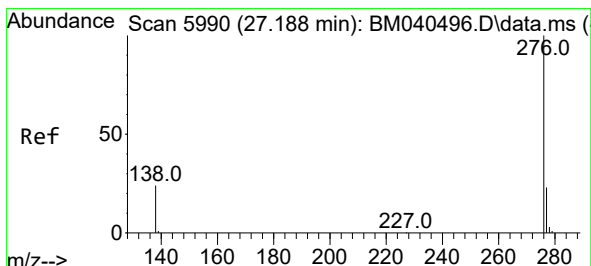
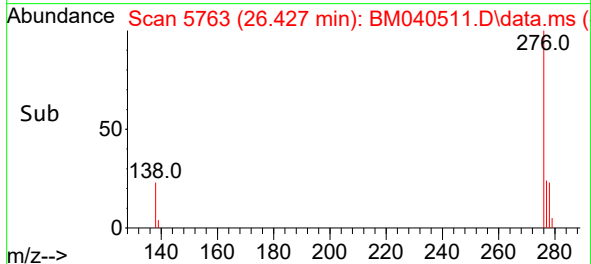
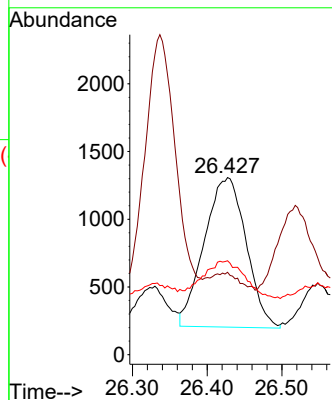


#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

Instrument :
BNA_M
ClientSampleId :
DCGB3



Tgt Ion:278 Resp: 4296
Ion Ratio Lower Upper
278 100
139 46.5 17.9 26.9#
279 53.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 27.185 min Scan# 5989
Delta R.T. 0.000 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

Tgt Ion:276 Resp: 18058
Ion Ratio Lower Upper
276 100
138 30.6 23.0 34.6
277 26.9 20.3 30.5

