

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040524.D
 Acq On : 02 Jul 2023 04:32
 Operator : MA/JU
 Sample : 03242-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

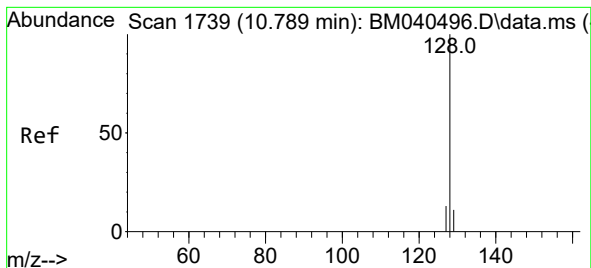
Instrument :
 BNA_M
 ClientSampleId :
 DCGB5

Quant Time: Jul 02 05:17:42 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	7.928	152	9743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	34771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	17636	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	37267	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	24831	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	23072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	25649	1.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	6016	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	11241	0.141	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	5749	0.060	ng/ul#	89
7) 2-Methylnaphthalene	12.400	142	2084	0.037	ng/ul	96
8) 1-Methylnaphthalene	12.620	142	1442	0.026	ng/ul	96
10) Acenaphthylene	14.295	152	3211	0.041	ng/ul#	83
14) Pentachlorophenol	16.973	266	285	0.040	ng/ul#	86
15) Phenanthrene	17.362	178	23432	0.202	ng/ul	99
16) Anthracene	17.455	178	4084	0.042	ng/ul#	87
19) Fluoranthene	19.375	202	70487	0.668	ng/ul	99
20) Pyrene	19.742	202	55674	0.492	ng/ul	99
21) Benzo(a)anthracene	21.486	228	31390	0.374	ng/ul	93
22) Chrysene	21.538	228	42903	0.448	ng/ul#	95
24) Benzo(b)fluoranthene	23.178	252	61030	0.684	ng/ul	94
26) Benzo(a)pyrene	23.809	252	31698	0.394	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.420	276	31723	0.283	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.430	278	7756	0.088	ng/ul#	47
29) Benzo(g,h,i)perylene	27.195	276	29087	0.296	ng/ul	94

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



#5

Naphthalene

Concen: 0.060 ng/ul

RT: 10.789 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

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ClientSampleId :

DCGB5

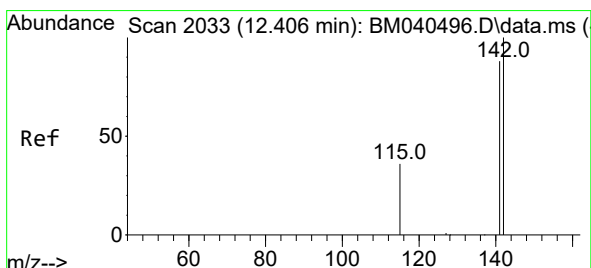
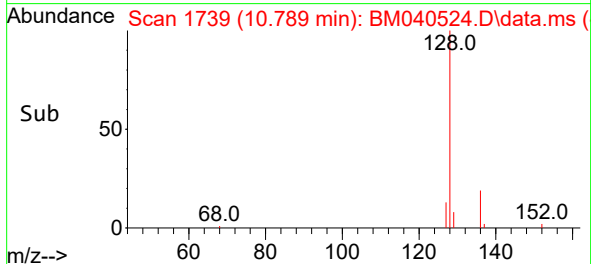
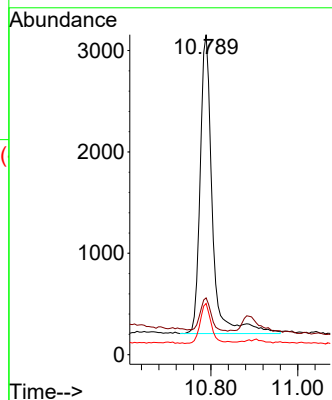
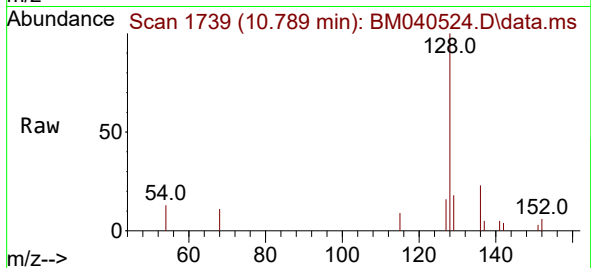
Tgt Ion:128 Resp: 5749

Ion Ratio Lower Upper

128 100

129 17.7 9.2 13.8#

127 16.0 10.6 15.8#



#7

2-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.400 min Scan# 2032

Delta R.T. -0.005 min

Lab File: BM040524.D

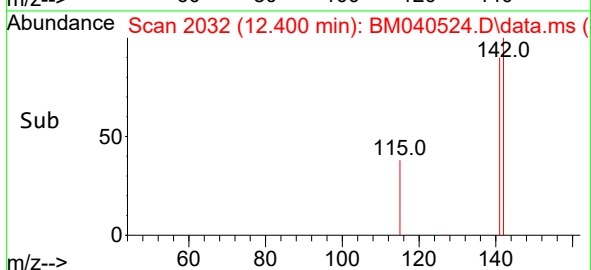
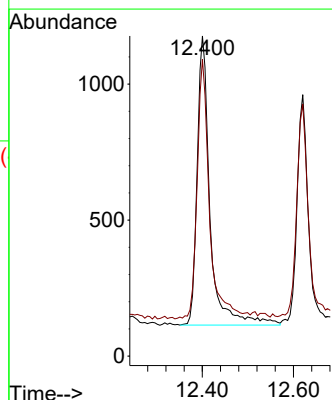
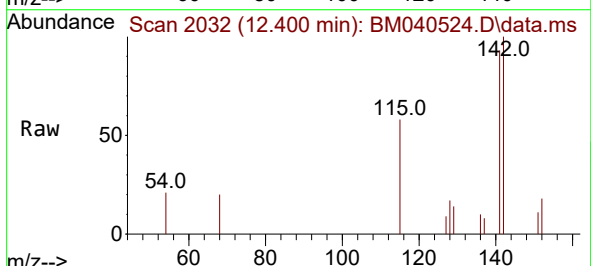
Acq: 02 Jul 2023 04:32

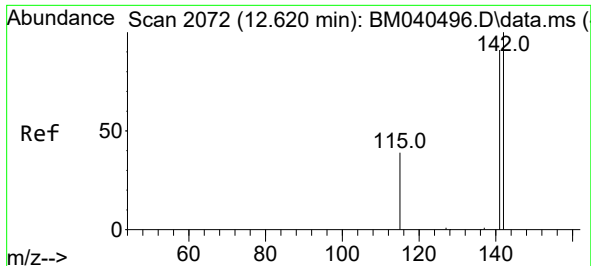
Tgt Ion:142 Resp: 2084

Ion Ratio Lower Upper

142 100

141 86.1 71.9 107.9

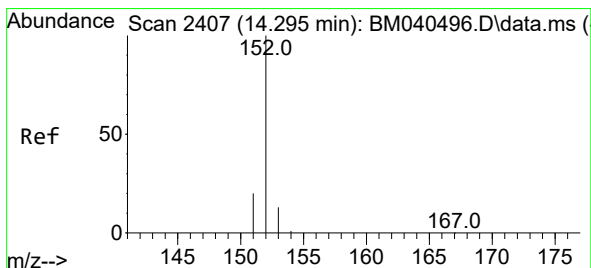
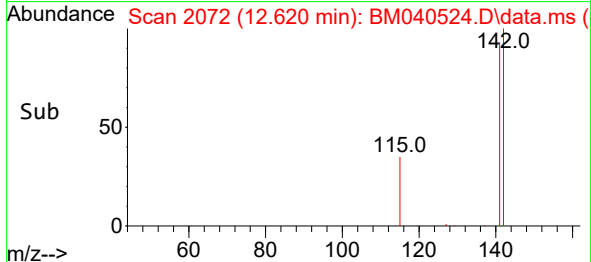
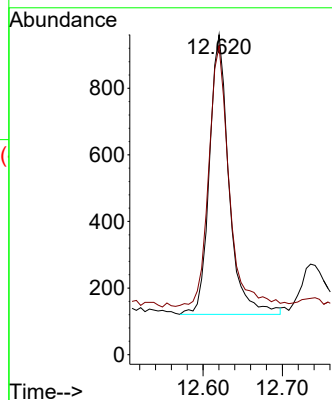
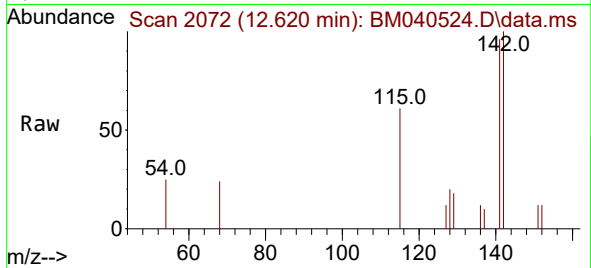




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

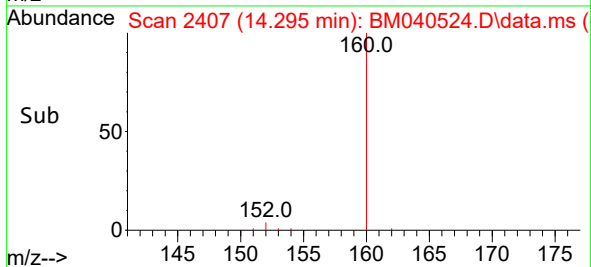
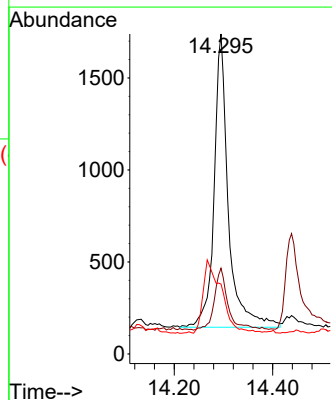
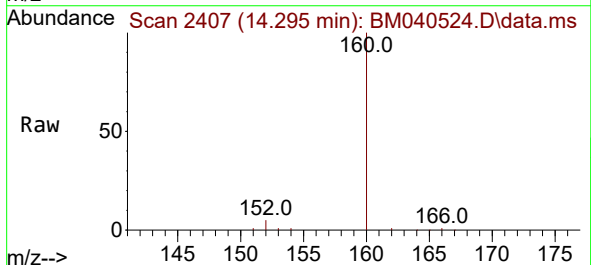
Instrument :
BNA_M
ClientSampleId :
DCGB5

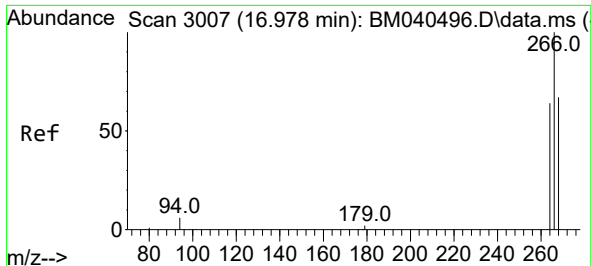
Tgt Ion:142 Resp: 1442
Ion Ratio Lower Upper
142 100
141 96.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion:152 Resp: 3211
Ion Ratio Lower Upper
152 100
151 26.8 16.2 24.2#
153 21.9 10.9 16.3#

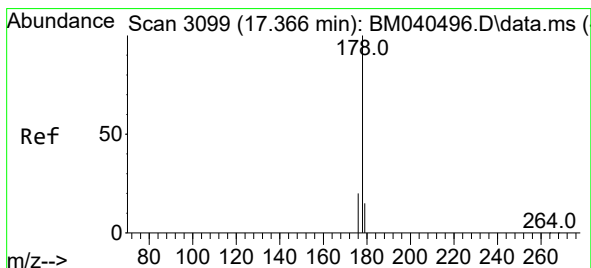
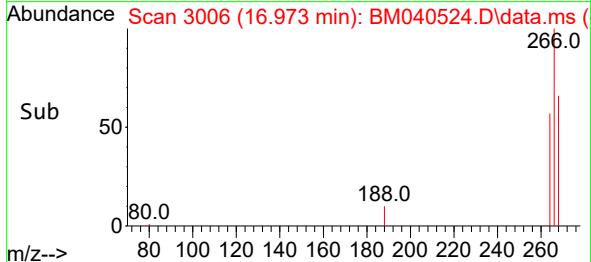
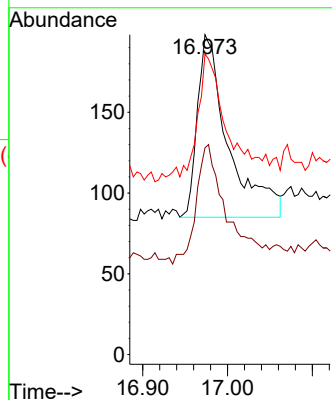
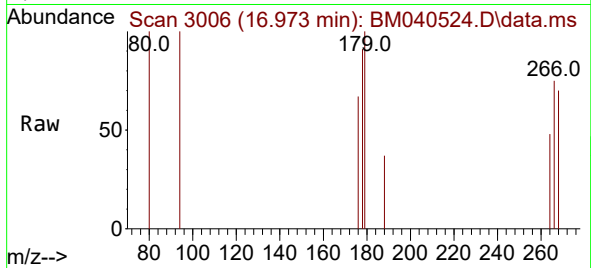




#14
 Pentachlorophenol
 Concen: 0.040 ng/ul
 RT: 16.973 min Scan# 3006
 Delta R.T. -0.008 min
 Lab File: BM040524.D
 Acq: 02 Jul 2023 04:32

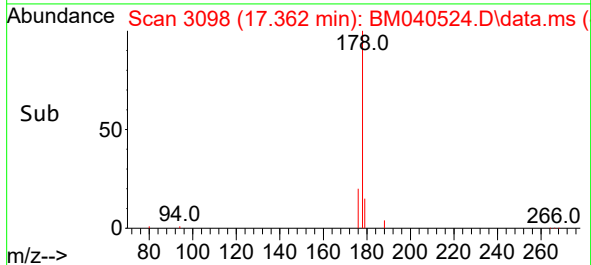
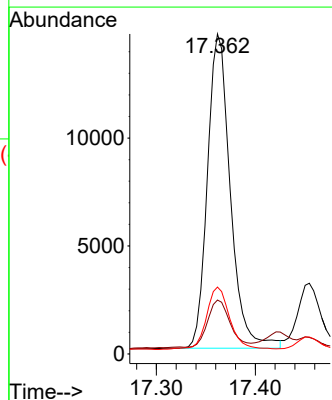
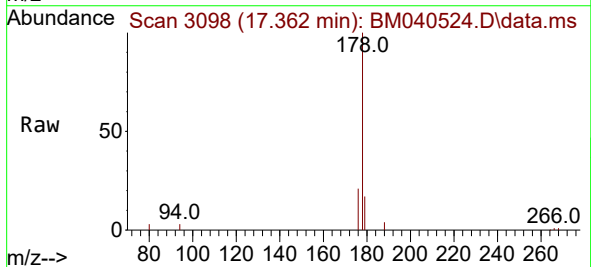
Instrument :
 BNA_M
 ClientSampleId :
 DCGB5

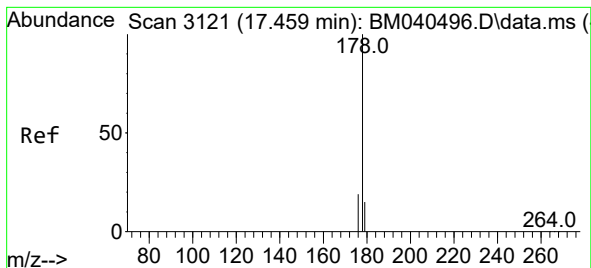
Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 264 72.3 45.4 68.0#
 268 63.9 47.2 70.8



#15
 Phenanthrene
 Concen: 0.202 ng/ul
 RT: 17.362 min Scan# 3098
 Delta R.T. -0.008 min
 Lab File: BM040524.D
 Acq: 02 Jul 2023 04:32

Tgt Ion:178 Resp: 23432
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.8 19.2
 176 20.9 16.4 24.6





#16

Anthracene

Concen: 0.042 ng/ul

RT: 17.455 min Scan# 3121

Delta R.T. -0.008 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

BNA_M

ClientSampleId :

DCGB5

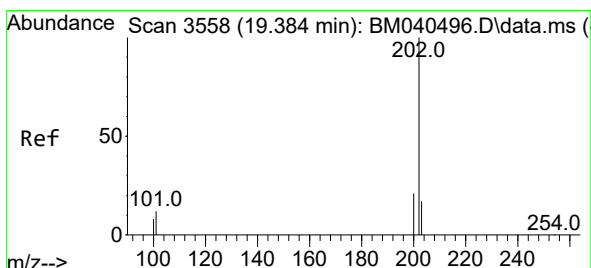
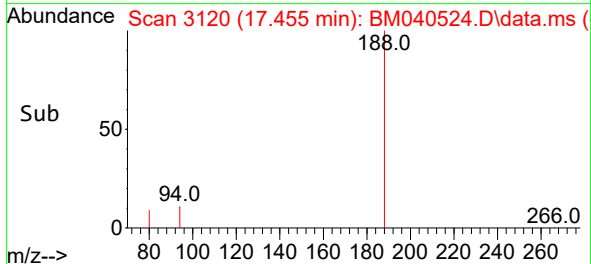
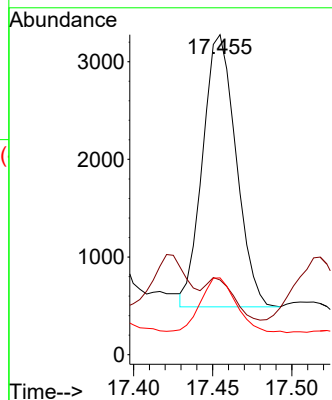
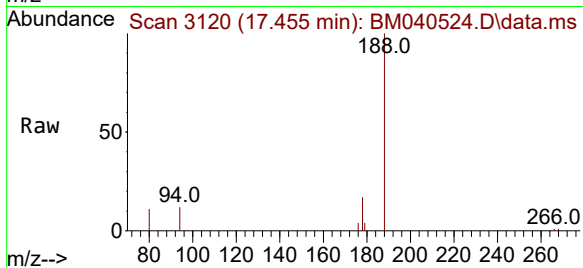
Tgt Ion:178 Resp: 4084

Ion Ratio Lower Upper

178 100

179 23.4 12.9 19.3#

176 24.0 15.8 23.6#



#19

Fluoranthene

Concen: 0.668 ng/ul

RT: 19.375 min Scan# 3556

Delta R.T. -0.009 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

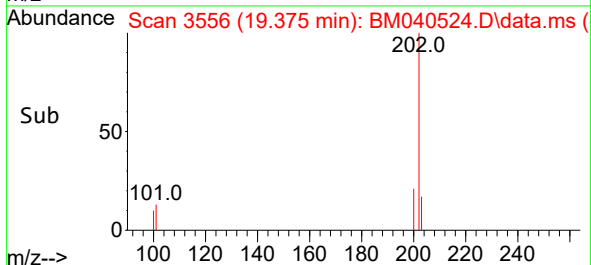
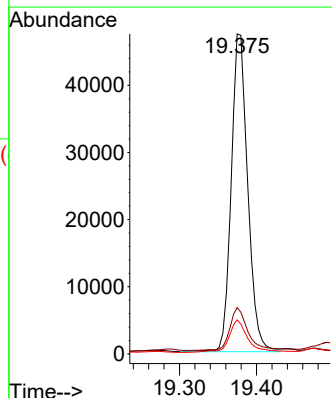
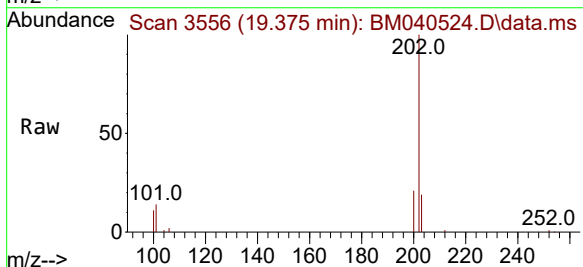
Tgt Ion:202 Resp: 70487

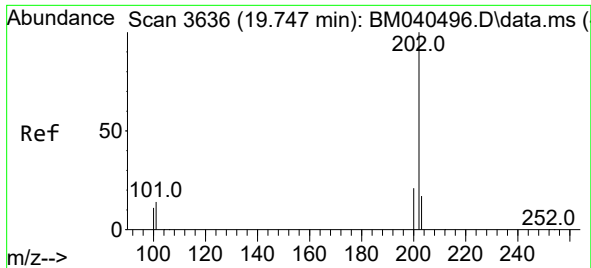
Ion Ratio Lower Upper

202 100

101 14.5 11.4 17.0

100 10.6 8.7 13.1

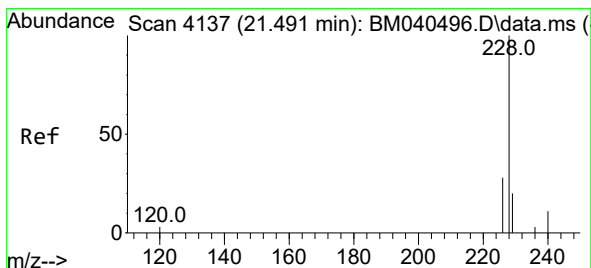
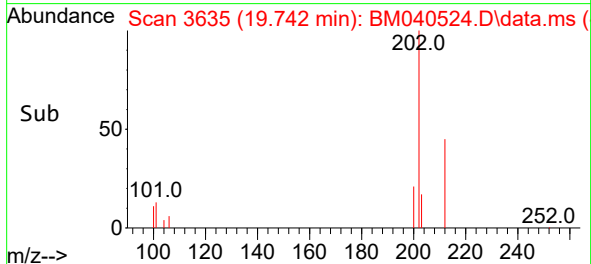
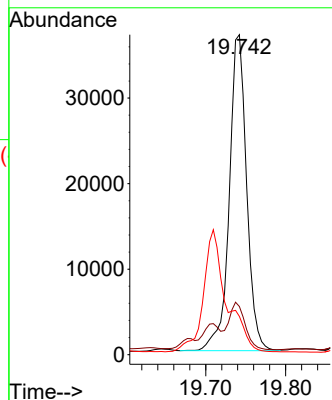
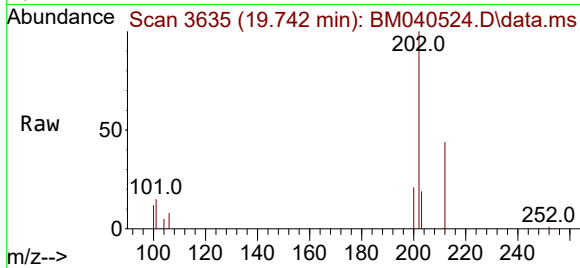




#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.742 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

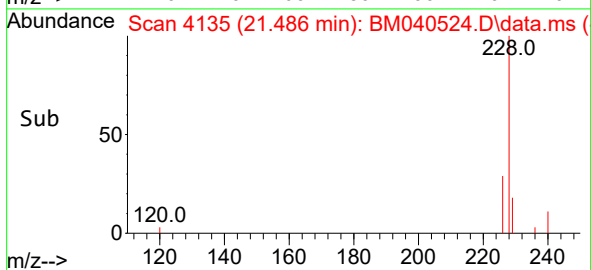
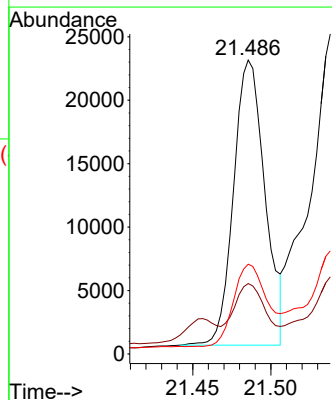
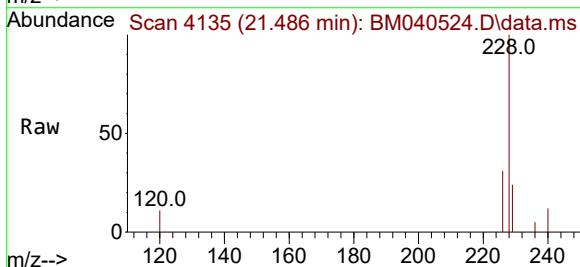
Instrument :
BNA_M
ClientSampleId :
DCGB5

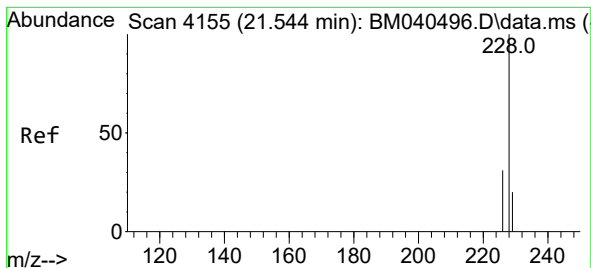
Tgt Ion:202 Resp: 55674
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.0 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion:228 Resp: 31390
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 30.6 22.3 33.5





#22

Chrysene

Concen: 0.448 ng/ul

RT: 21.538 min Scan# 4153

Delta R.T. -0.006 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

BNA_M

ClientSampleId :

DCGB5

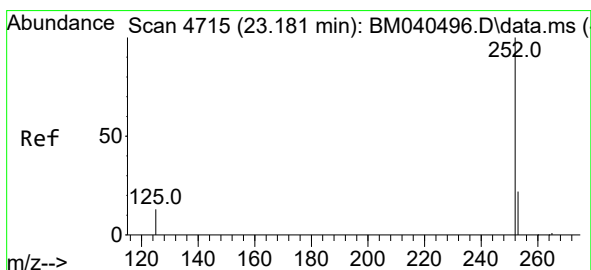
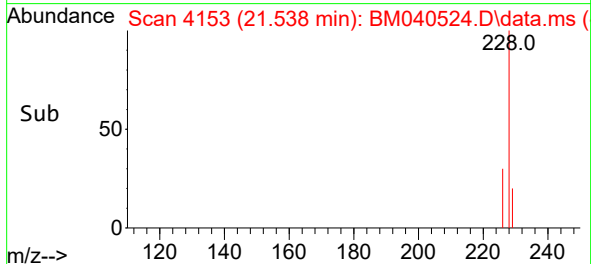
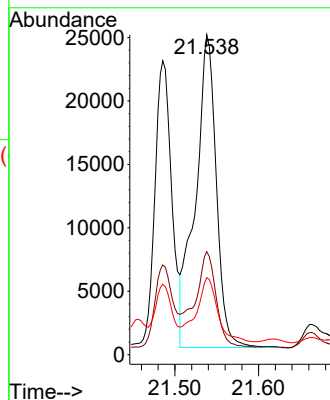
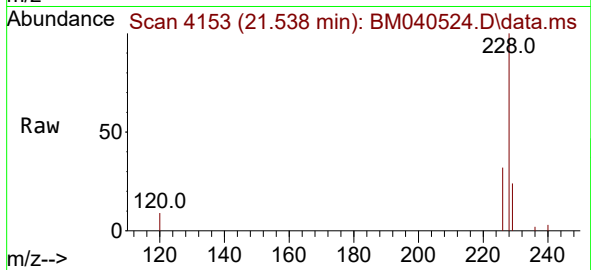
Tgt Ion:228 Resp: 42903

Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

229 24.1 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.684 ng/ul

RT: 23.178 min Scan# 4714

Delta R.T. -0.003 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

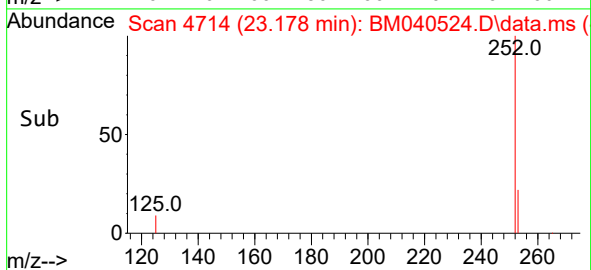
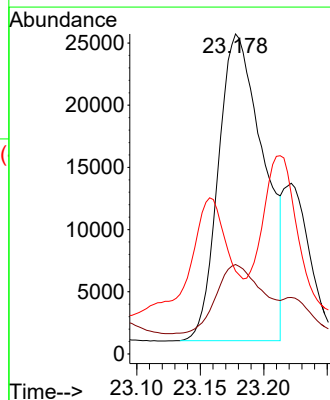
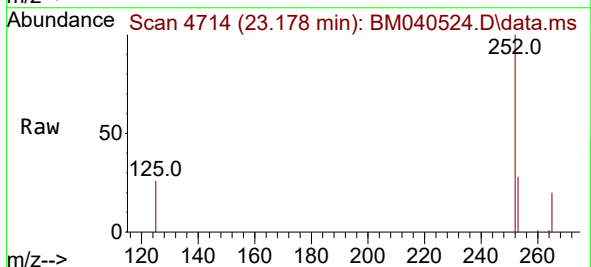
Tgt Ion:252 Resp: 61030

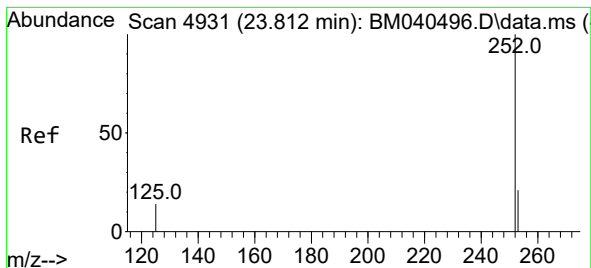
Ion Ratio Lower Upper

252 100

253 28.0 0.0 52.8

125 25.9 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.809 min Scan# 4931

Delta R.T. -0.003 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

BNA_M

ClientSampleId :

DCGB5

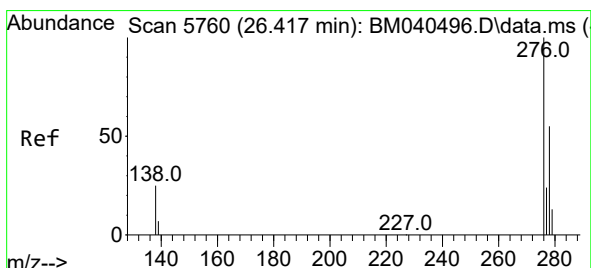
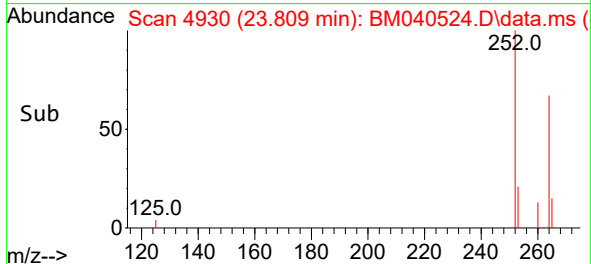
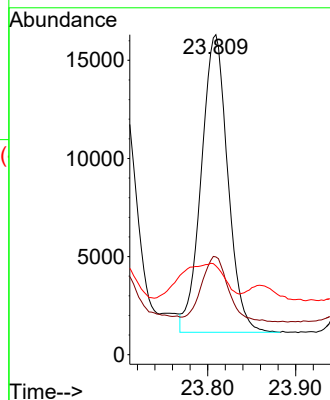
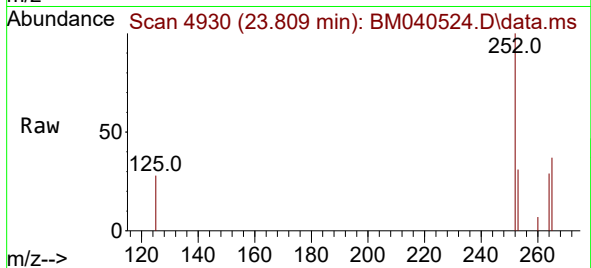
Tgt Ion:252 Resp: 31698

Ion Ratio Lower Upper

252 100

253 30.6 22.9 34.3

125 27.7 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.283 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

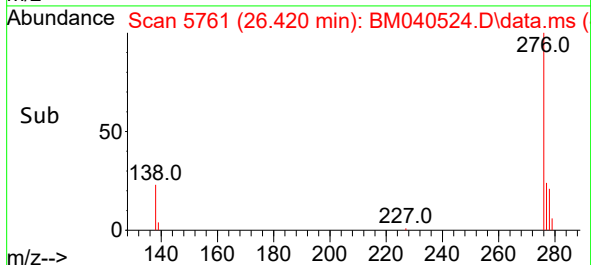
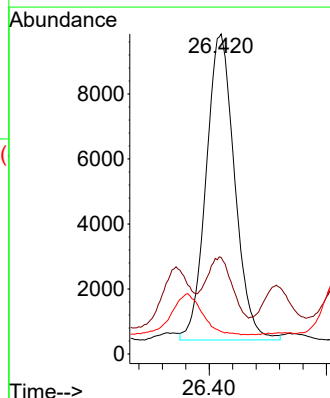
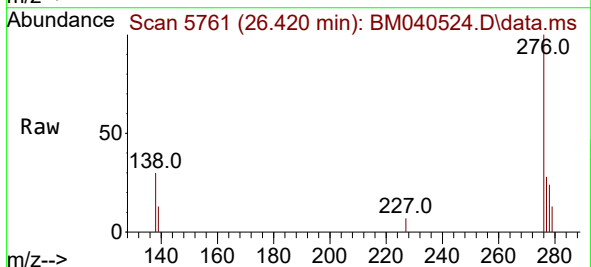
Tgt Ion:276 Resp: 31723

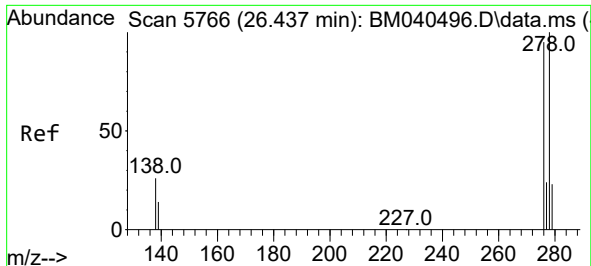
Ion Ratio Lower Upper

276 100

138 18.6 24.5 36.7#

227 0.0 0.1 0.1#

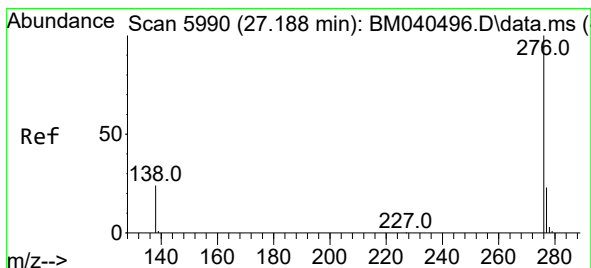
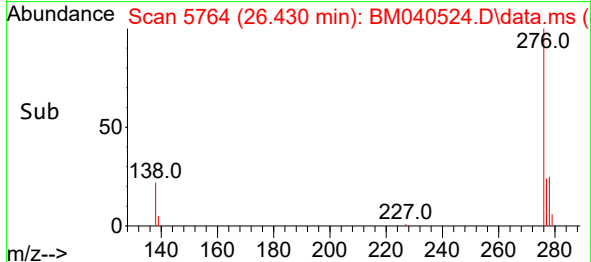
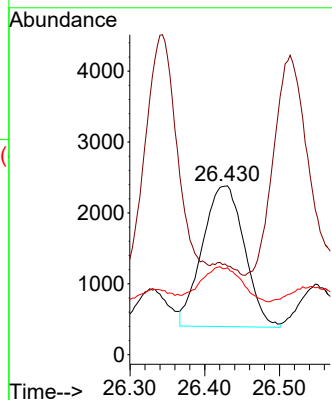
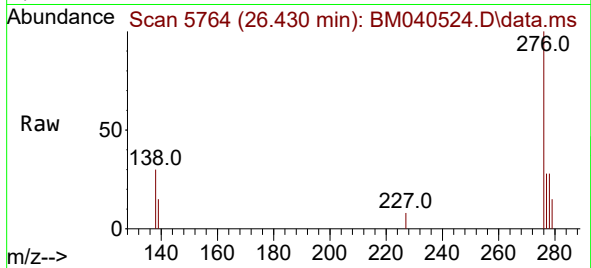




#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Instrument :
BNA_M
ClientSampleId :
DCGB5

Tgt Ion:278 Resp: 7756
Ion Ratio Lower Upper
278 100
139 52.4 17.9 26.9#
279 51.5 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion:276 Resp: 29087
Ion Ratio Lower Upper
276 100
138 32.7 23.0 34.6
277 27.5 20.3 30.5

