

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041052.D
 Acq On : 22 Jul 2023 13:20
 Operator : MA/JU
 Sample : 03472-35DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 22:36:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

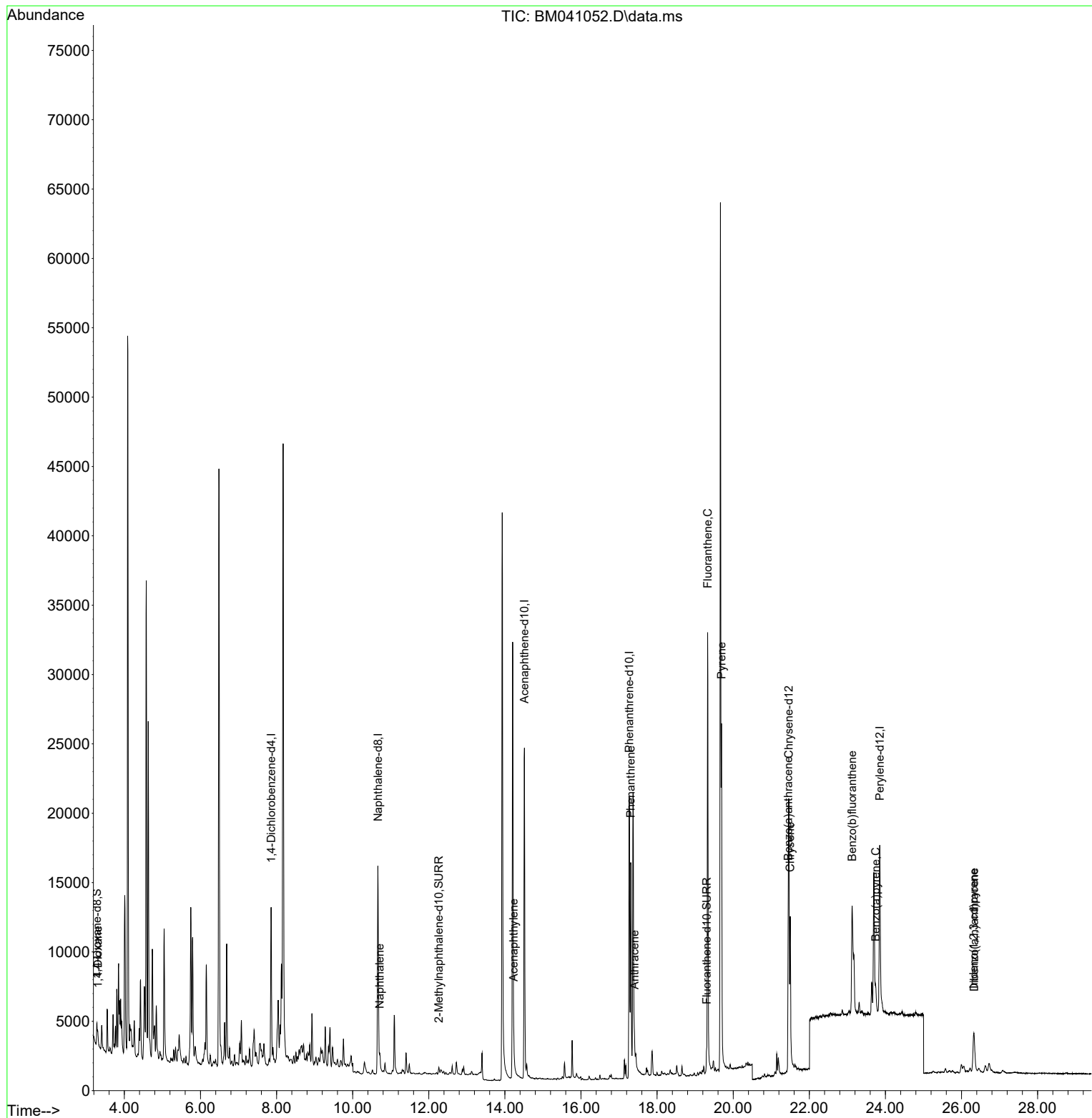
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	6189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	23594	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	13982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	27133	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.463	240	17550	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	17555	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1043	0.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	1031	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	1971	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	263	0.025	ng/ul#	1
5) Naphthalene	10.713	128	1422	0.022	ng/ul#	81
10) Acenaphthylene	14.231	152	1357	0.023	ng/ul#	79
15) Phenanthrene	17.307	178	17448	0.215	ng/ul	100
16) Anthracene	17.405	178	2054	0.033	ng/ul#	82
19) Fluoranthene	19.329	202	29161	0.322	ng/ul	94
20) Pyrene	19.691	202	20893	0.226	ng/ul	95
21) Benzo(a)anthracene	21.445	228	10415	0.195	ng/ul	95
22) Chrysene	21.498	228	10869	0.178	ng/ul	97
24) Benzo(b)fluoranthene	23.126	252	14542	0.216	ng/ul	95
26) Benzo(a)pyrene	23.746	252	2372	0.041	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	26.324	276	5741	0.074	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.334	278	1626	0.028	ng/ul#	30

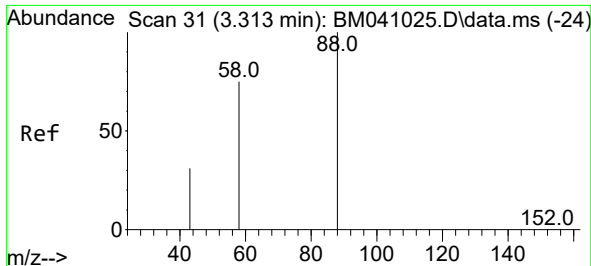
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
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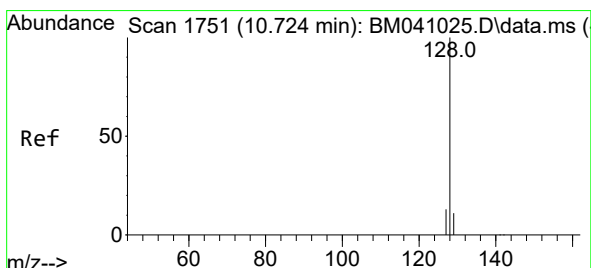
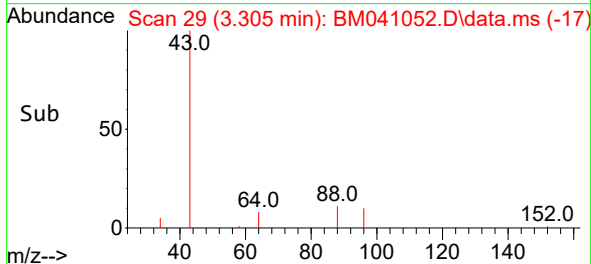
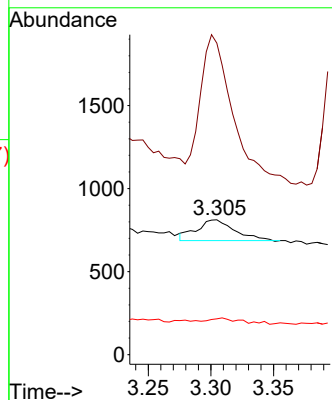
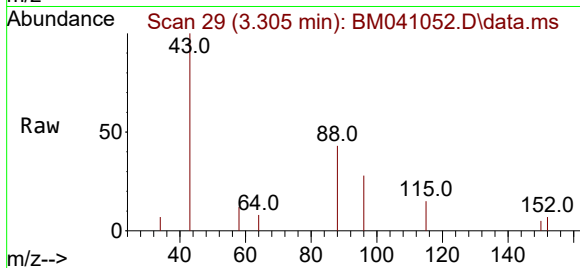




#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.305 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM041052.D
Acq: 22 Jul 2023 13:20

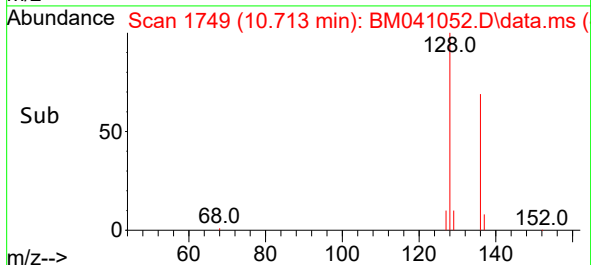
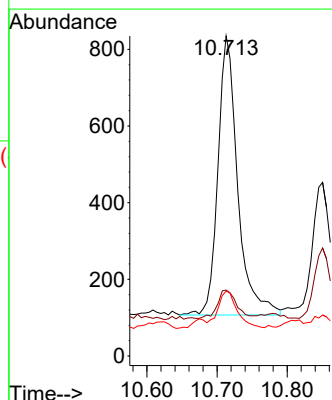
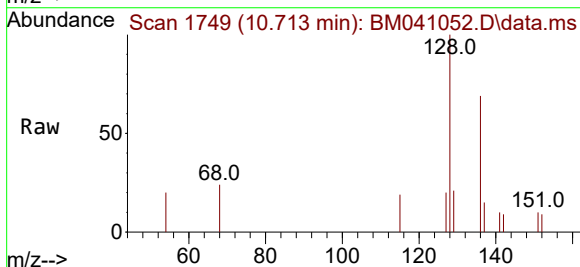
Instrument :
BNA_M
ClientSampleId :

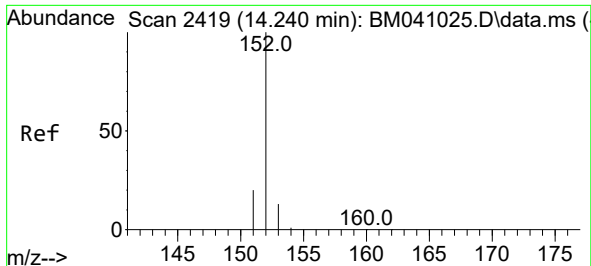
Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
43 231.0 46.7 70.1#
58 26.6 40.3 60.5#



#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041052.D
Acq: 22 Jul 2023 13:20

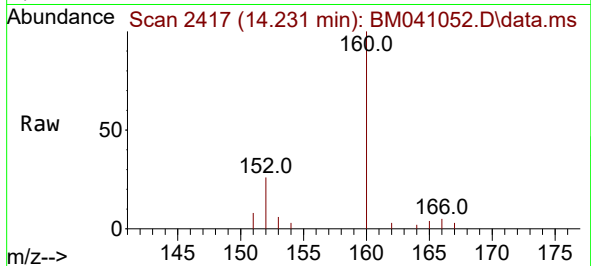
Tgt Ion: 128 Resp: 1422
Ion Ratio Lower Upper
128 100
129 20.6 9.8 14.8#
127 20.2 11.0 16.4#



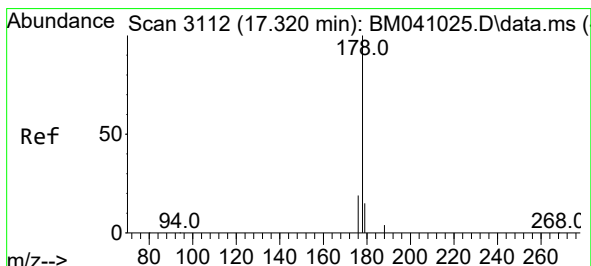
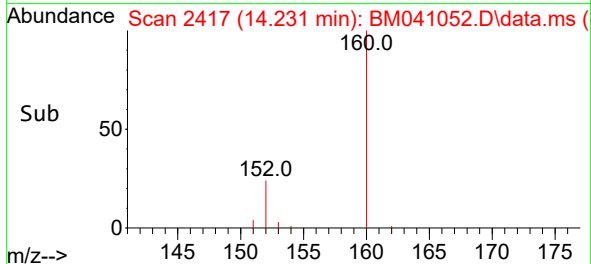
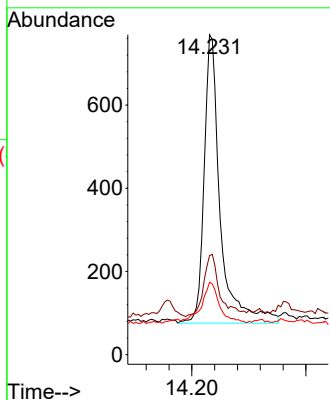


#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.231 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BM041052.D
Acq: 22 Jul 2023 13:20

Instrument :
BNA_M
ClientSampleId :

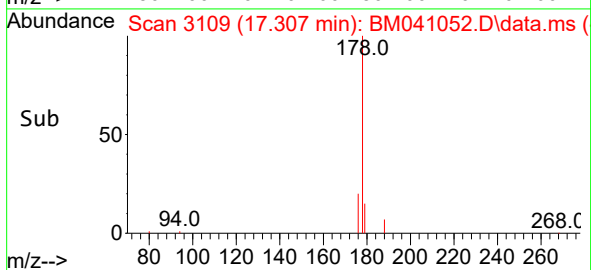
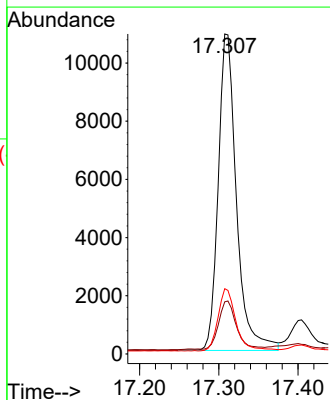
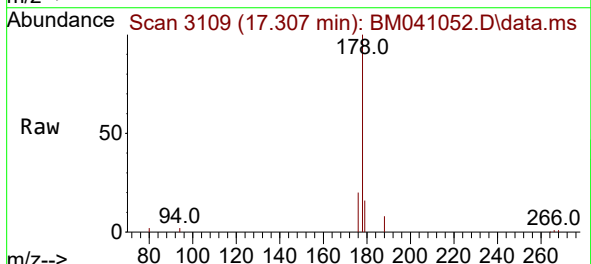


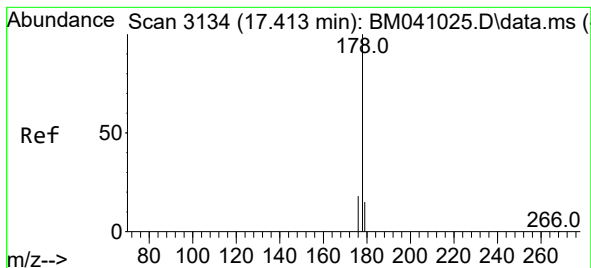
Tgt Ion:152 Resp: 1357
Ion Ratio Lower Upper
152 100
151 30.9 16.8 25.2#
153 22.6 11.6 17.4#



#15
Phenanthrene
Concen: 0.215 ng/ul
RT: 17.307 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM041052.D
Acq: 22 Jul 2023 13:20

Tgt Ion:178 Resp: 17448
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.4 16.2 24.4





#16

Anthracene

Concen: 0.033 ng/ul

RT: 17.405 min Scan# 3134

Delta R.T. -0.004 min

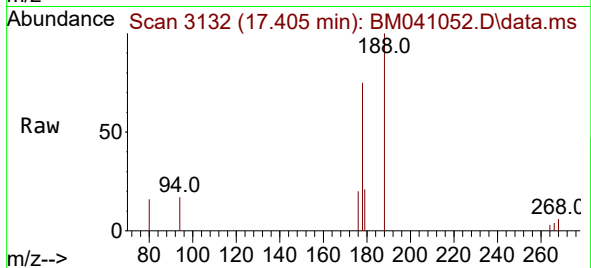
Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

Instrument :

BNA_M

ClientSampleId :



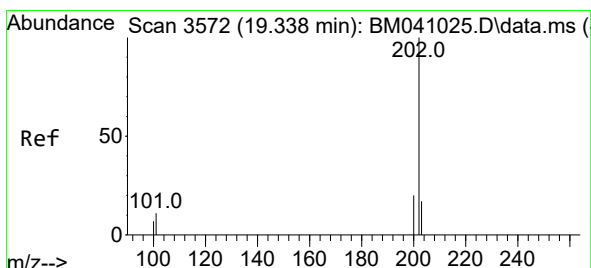
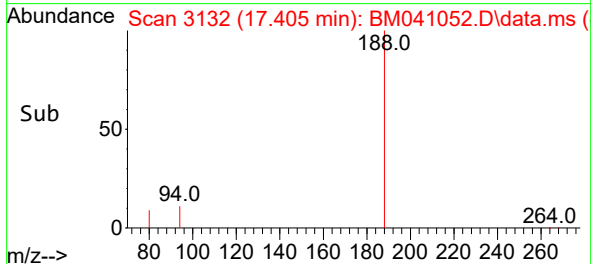
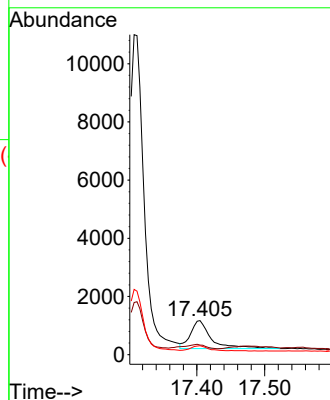
Tgt Ion:178 Resp: 2054

Ion Ratio Lower Upper

178 100

179 28.4 13.7 20.5#

176 26.1 16.4 24.6#



#19

Fluoranthene

Concen: 0.322 ng/ul

RT: 19.329 min Scan# 3570

Delta R.T. -0.005 min

Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

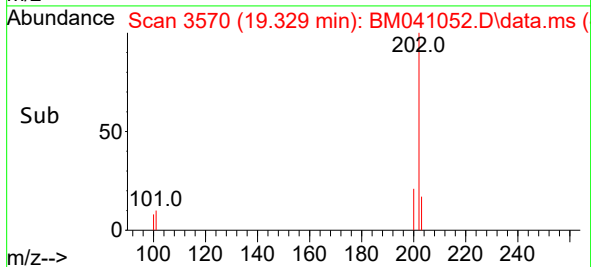
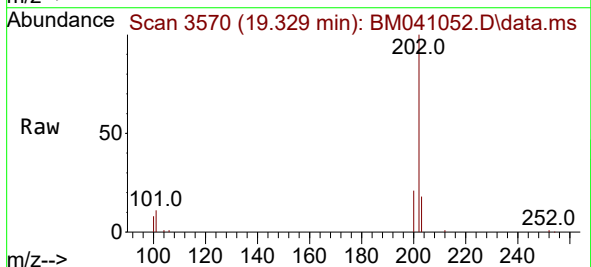
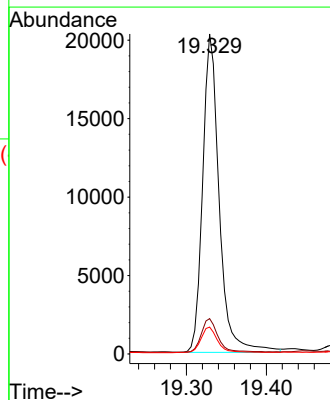
Tgt Ion:202 Resp: 29161

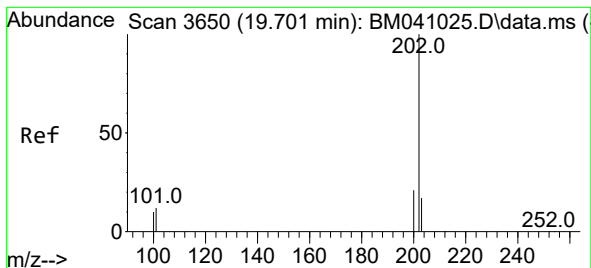
Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.4

100 8.4 8.3 12.5





#20

Pyrene

Concen: 0.226 ng/ul

RT: 19.691 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

Instrument :

BNA_M

ClientSampleId :

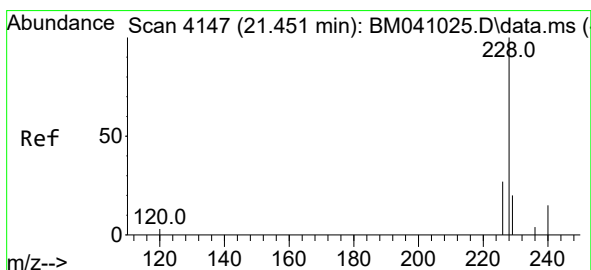
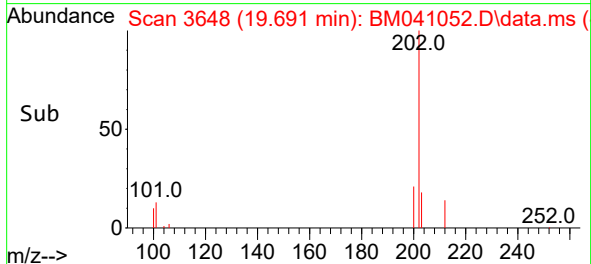
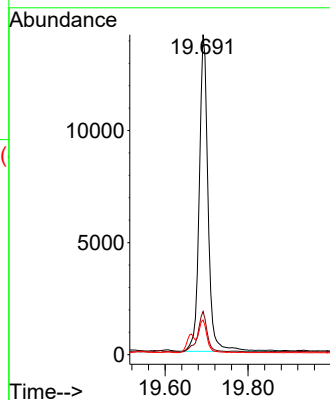
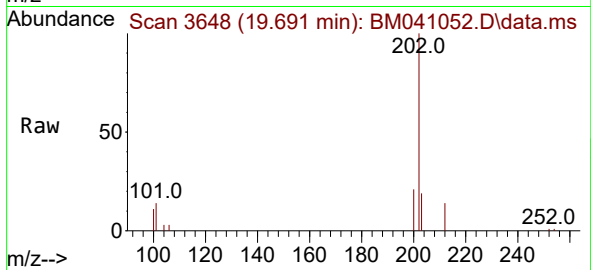
Tgt Ion:202 Resp: 20893

Ion Ratio Lower Upper

202 100

101 13.5 12.5 18.7

100 10.8 10.0 15.0



#21

Benzo(a)anthracene

Concen: 0.195 ng/ul

RT: 21.445 min Scan# 4145

Delta R.T. -0.003 min

Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

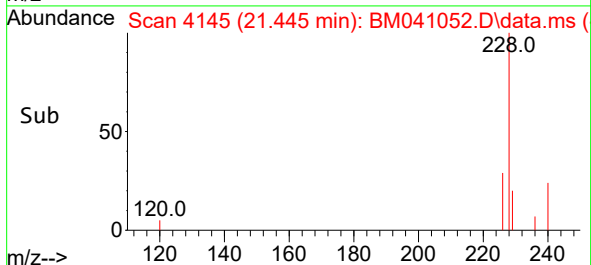
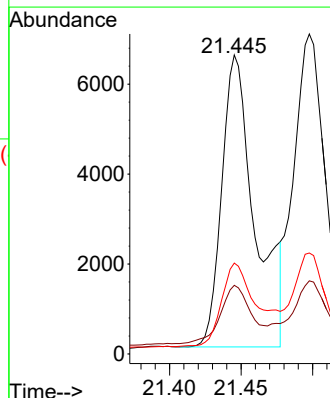
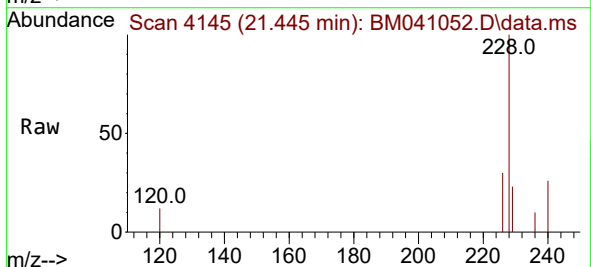
Tgt Ion:228 Resp: 10415

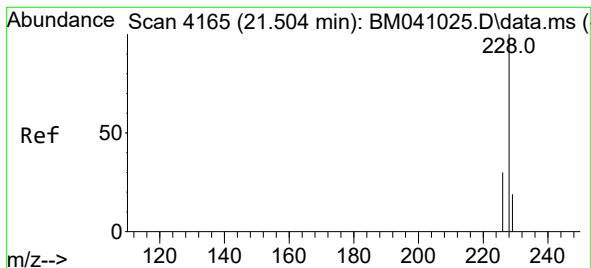
Ion Ratio Lower Upper

228 100

229 22.9 16.2 24.4

226 30.4 22.3 33.5





#22

Chrysene

Concen: 0.178 ng/ul

RT: 21.498 min Scan# 4163

Delta R.T. -0.003 min

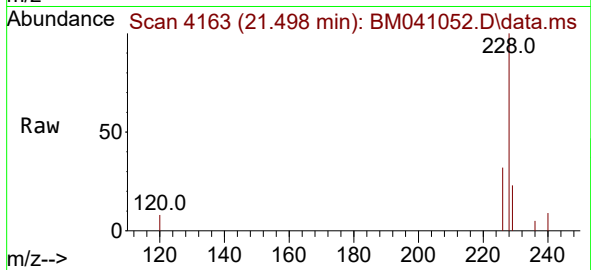
Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

Instrument :

BNA_M

ClientSampleId :



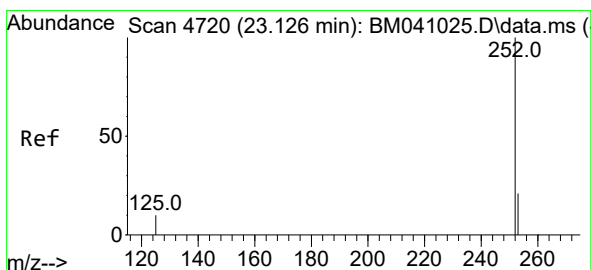
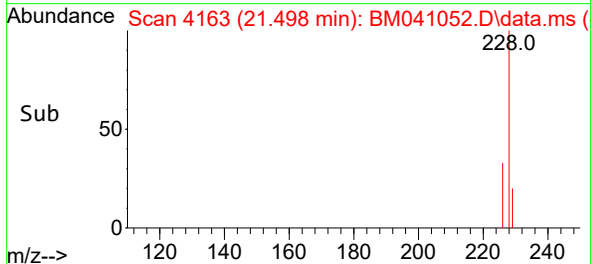
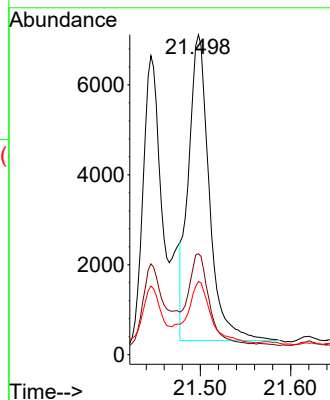
Tgt Ion:228 Resp: 10869

Ion Ratio Lower Upper

228 100

226 31.6 24.6 37.0

229 22.9 16.1 24.1



#24

Benzo(b)fluoranthene

Concen: 0.216 ng/ul

RT: 23.126 min Scan# 4720

Delta R.T. 0.000 min

Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

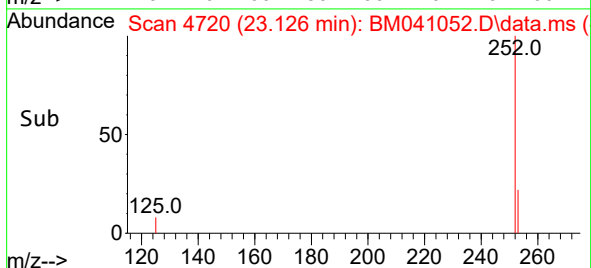
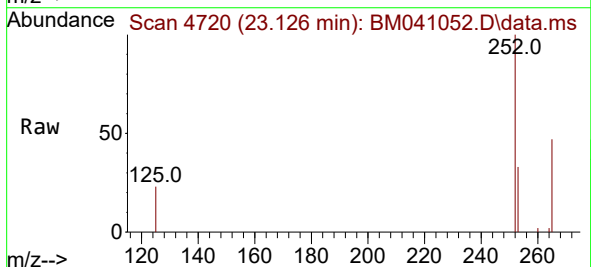
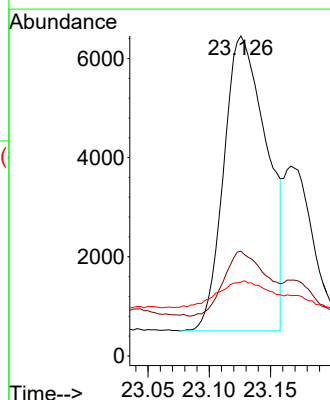
Tgt Ion:252 Resp: 14542

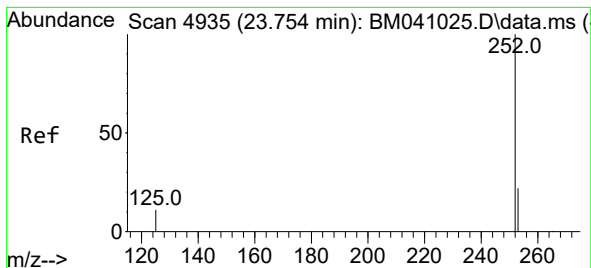
Ion Ratio Lower Upper

252 100

253 32.8 0.0 57.4

125 23.0 0.0 45.2





#26

Benzo(a)pyrene

Concen: 0.041 ng/ul

RT: 23.746 min Scan# 4932

Delta R.T. -0.003 min

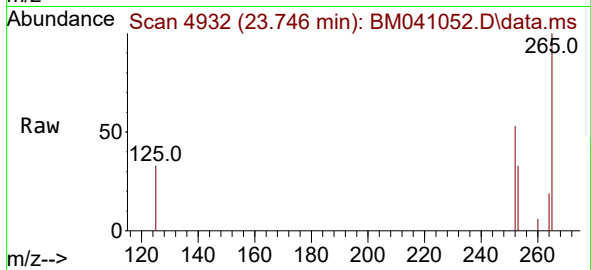
Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

Instrument :

BNA_M

ClientSampleId :



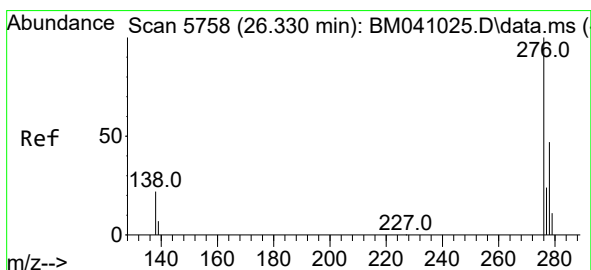
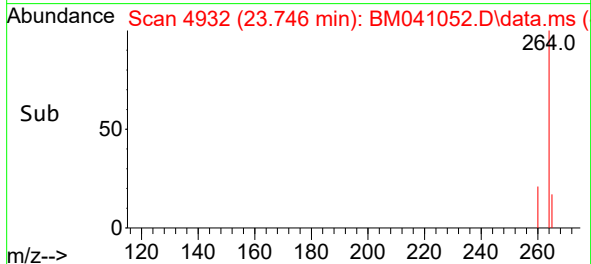
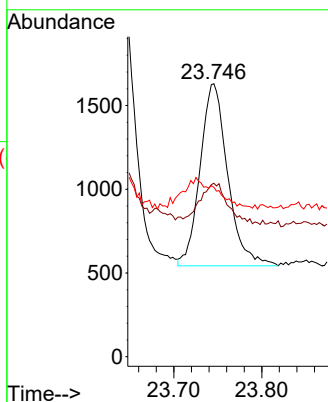
Tgt Ion:252 Resp: 2372

Ion Ratio Lower Upper

252 100

253 63.6 28.2 42.2#

125 62.1 25.2 37.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/ul

RT: 26.324 min Scan# 5756

Delta R.T. -0.003 min

Lab File: BM041052.D

Acq: 22 Jul 2023 13:20

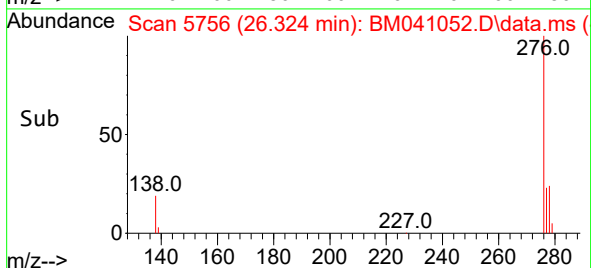
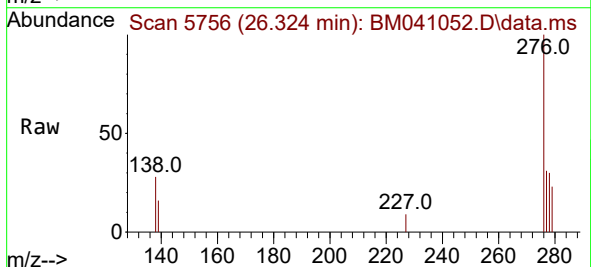
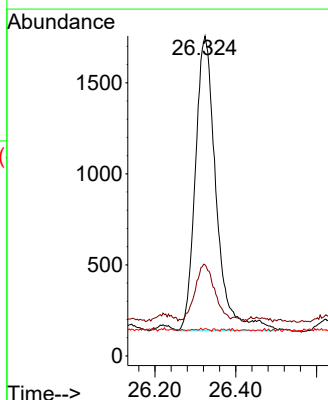
Tgt Ion:276 Resp: 5741

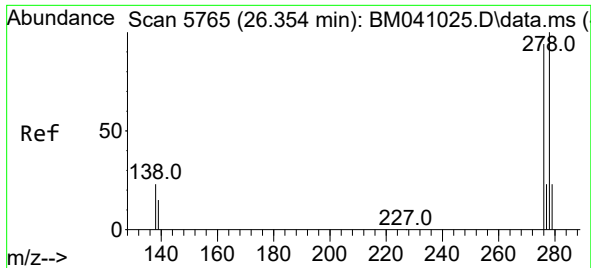
Ion Ratio Lower Upper

276 100

138 18.6 22.3 33.5#

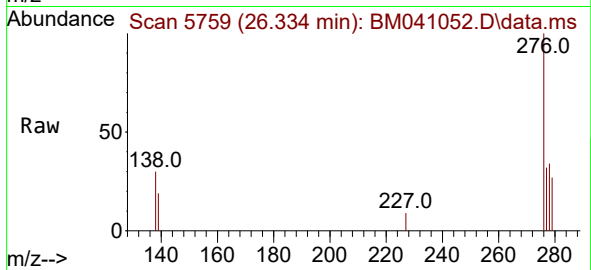
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.334 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM041052.D
Acq: 22 Jul 2023 13:20

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 1626
Ion Ratio Lower Upper
278 100
139 54.1 19.2 28.8#
279 77.9 27.0 40.6#

