

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041055.D
 Acq On : 22 Jul 2023 15:11
 Operator : MA/JU
 Sample : 03472-34DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 22 22:36:57 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)

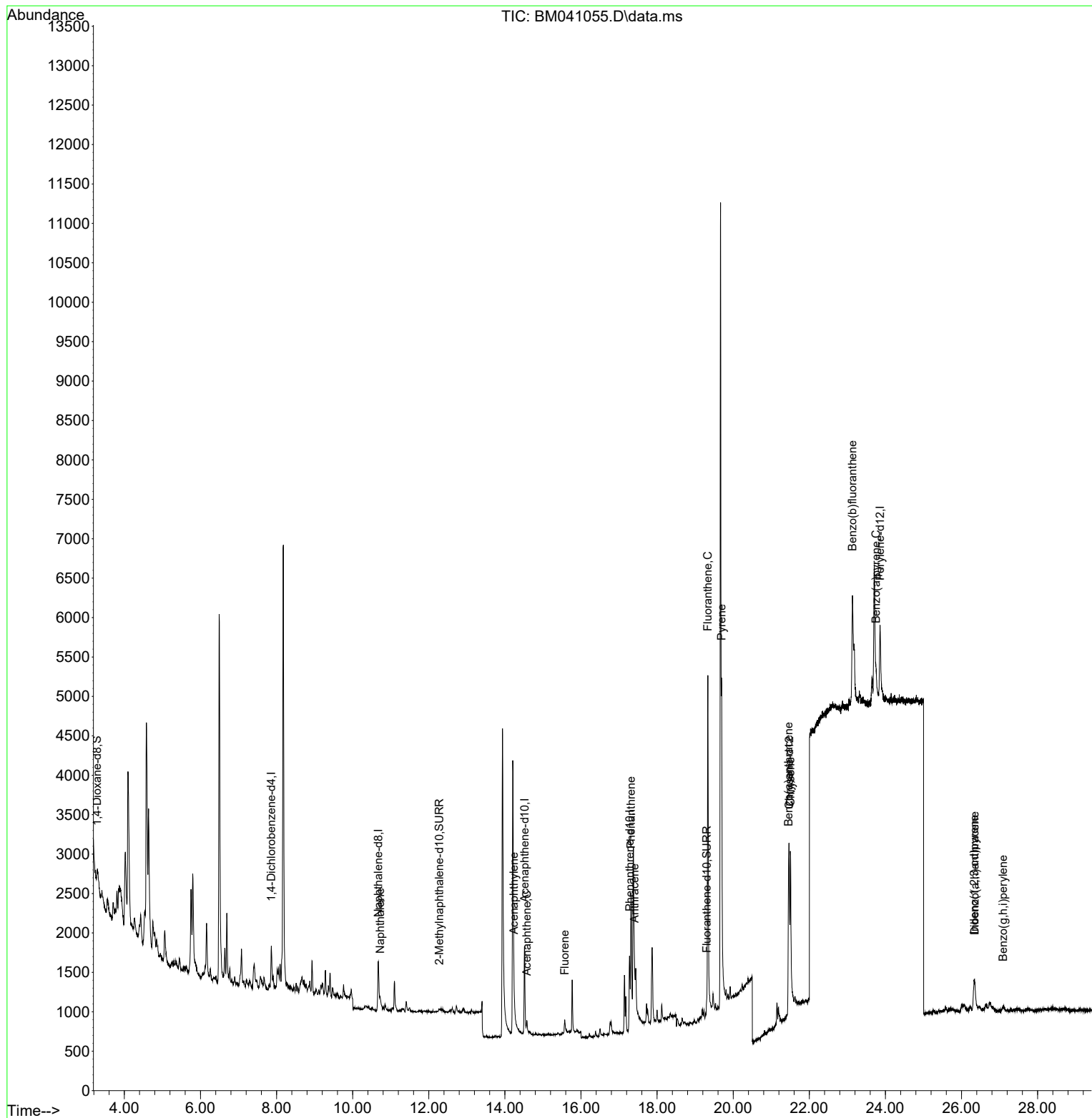
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	400	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.675	136	1448	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.518	164	749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	1561	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	1599	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	1351	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	376	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	105	0.054	ng/ul	0.01
18) Fluoranthene-d10	19.306	212	335	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	219	0.055	ng/ul#	11
10) Acenaphthylene	14.240	152	252	0.080	ng/ul#	16
11) Acenaphthene	14.578	153	106	0.038	ng/ul#	84
12) Fluorene	15.573	166	186	0.065	ng/ul#	73
15) Phenanthrene	17.316	178	2537	0.544	ng/ul#	87
16) Anthracene	17.409	178	416	0.114	ng/ul#	29
19) Fluoranthene	19.334	202	4634	0.561	ng/ul	99
20) Pyrene	19.696	202	3531	0.419	ng/ul	99
21) Benzo(a)anthracene	21.454	228	2001	0.411	ng/ul#	82
22) Chrysene	21.504	228	2131	0.383	ng/ul#	88
24) Benzo(b)fluoranthene	23.135	252	2547	0.491	ng/ul#	37
26) Benzo(a)pyrene	23.754	252	364	0.081	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.334	276	875	0.147	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.344	278	303	0.067	ng/ul#	1
29) Benzo(g,h,i)perylene	27.092	276	168	0.031	ng/ul#	1

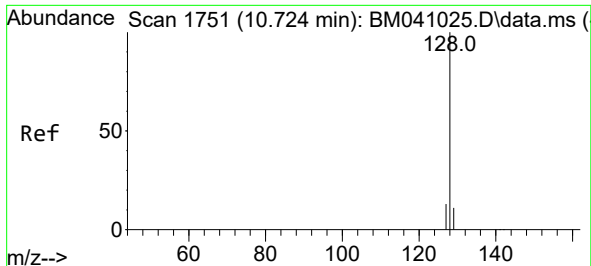
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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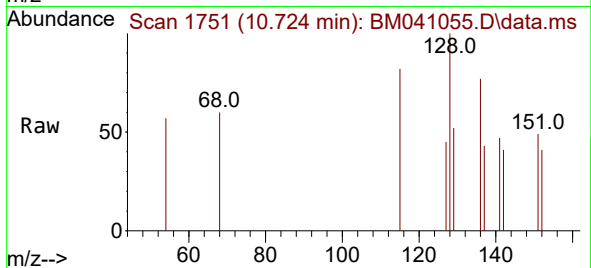
Quant Time: Jul 22 22:36:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
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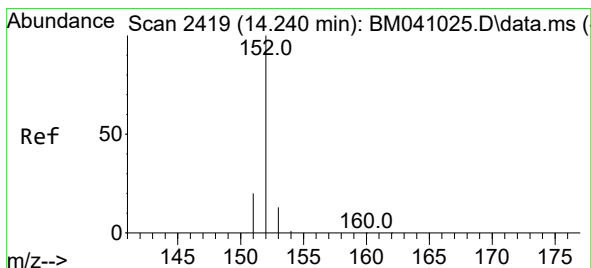
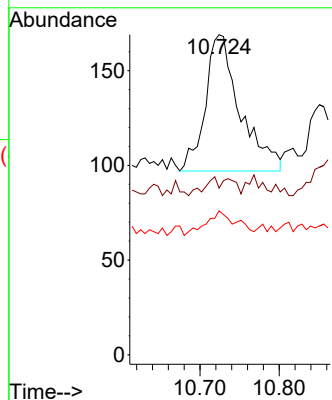
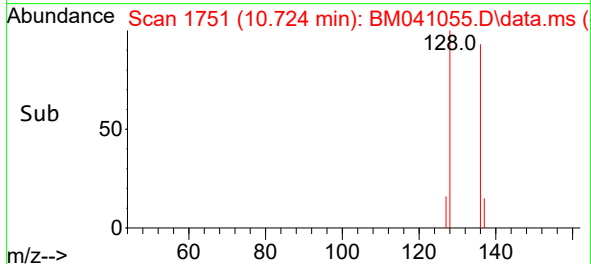


#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

Instrument :
BNA_M
ClientSampleId :

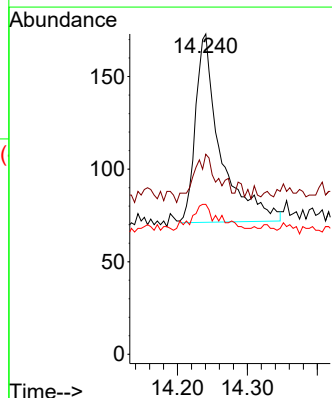
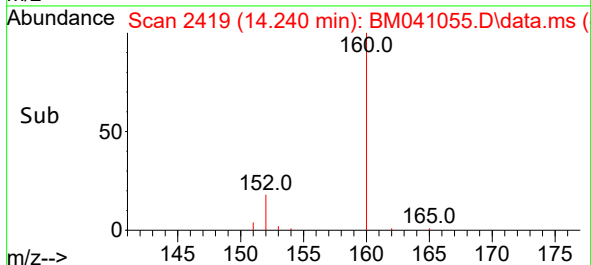
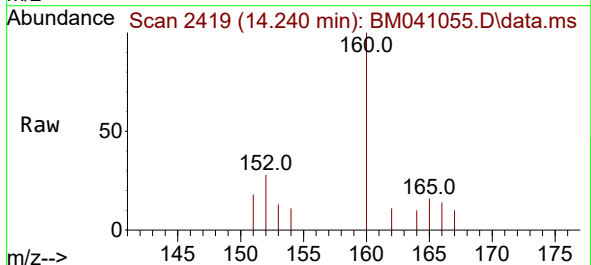


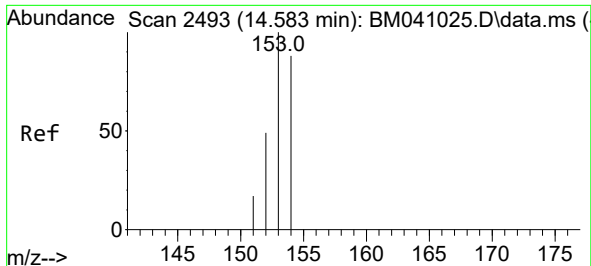
Tgt Ion:128 Resp: 219
Ion Ratio Lower Upper
128 100
129 52.1 9.8 14.8#
127 45.0 11.0 16.4#



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. 0.005 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
151 62.4 16.8 25.2#
153 46.8 11.6 17.4#

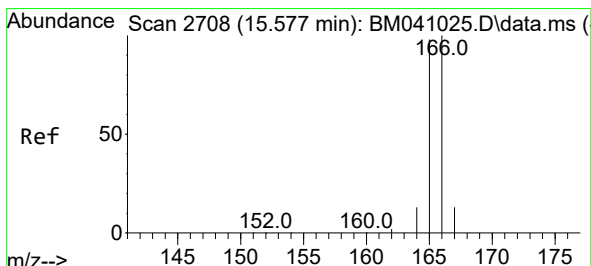
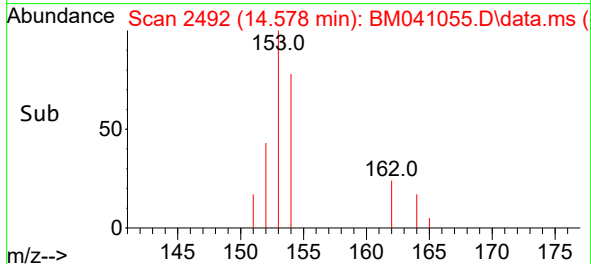
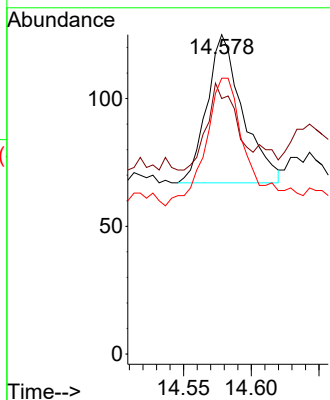
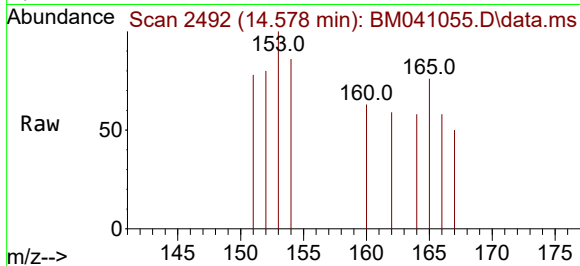




#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. 0.005 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

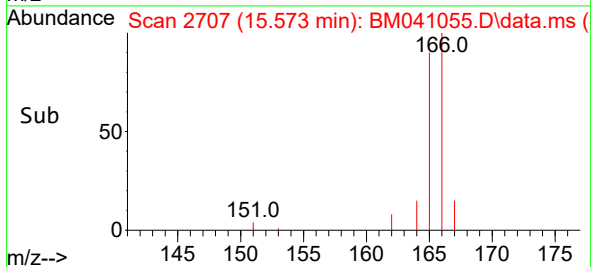
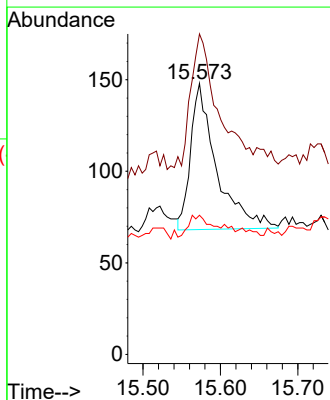
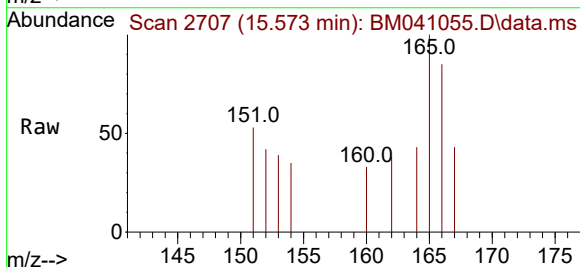
Instrument :
BNA_M
ClientSampleId :

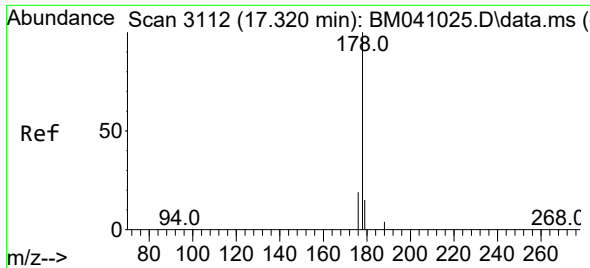
Tgt Ion:153 Resp: 106
Ion Ratio Lower Upper
153 100
152 80.0 41.0 61.6#
154 86.4 68.2 102.2



#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

Tgt Ion:166 Resp: 186
Ion Ratio Lower Upper
166 100
165 118.2 80.3 120.5
167 51.4 11.7 17.5#

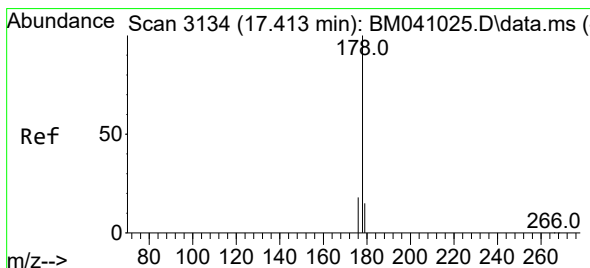
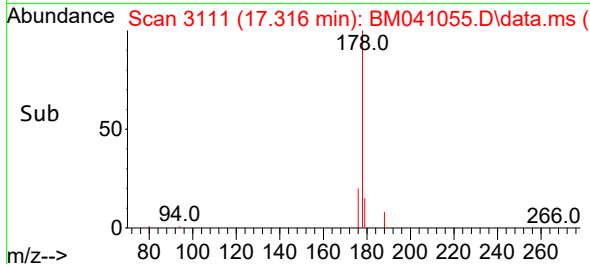
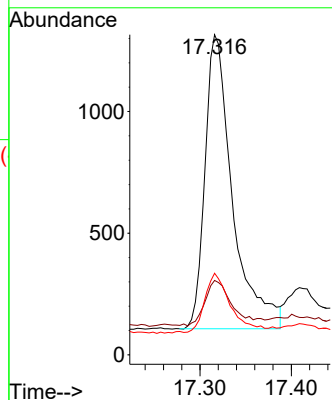
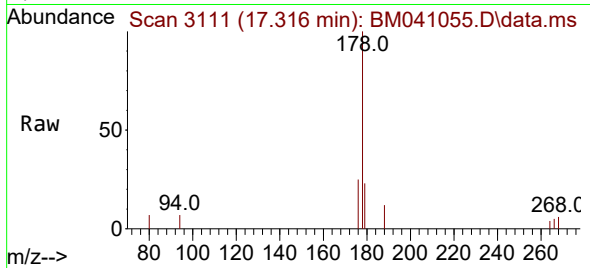




#15
Phenanthrene
Concen: 0.544 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

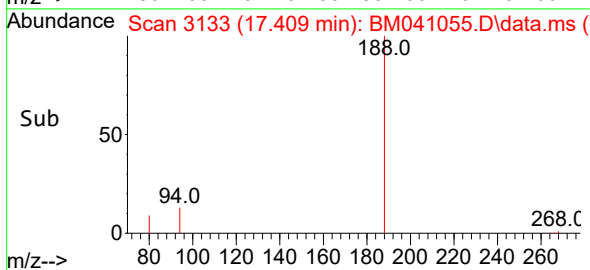
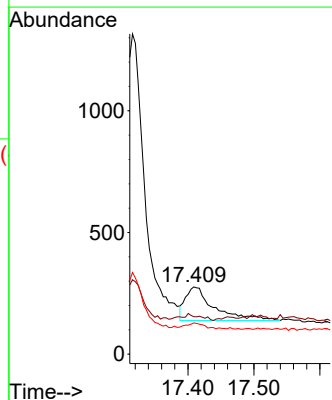
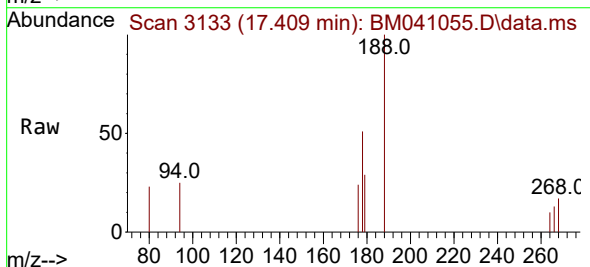
Instrument :
BNA_M
ClientSampleId :

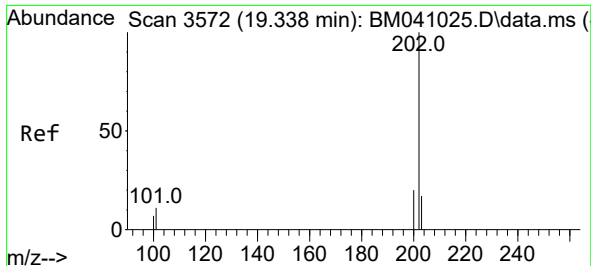
Tgt Ion:178 Resp: 2537
Ion Ratio Lower Upper
178 100
179 23.3 13.0 19.6#
176 25.5 16.2 24.4#



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

Tgt Ion:178 Resp: 416
Ion Ratio Lower Upper
178 100
179 55.8 13.7 20.5#
176 46.4 16.4 24.6#

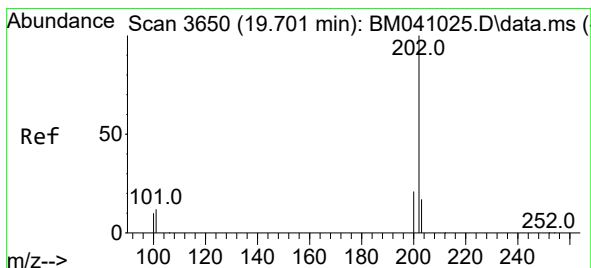
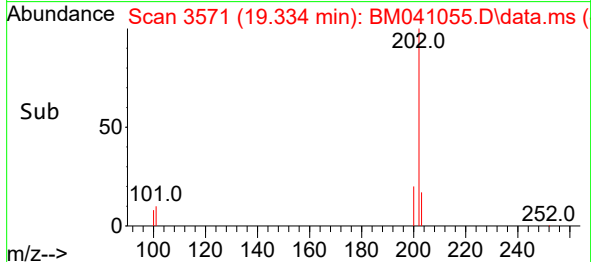
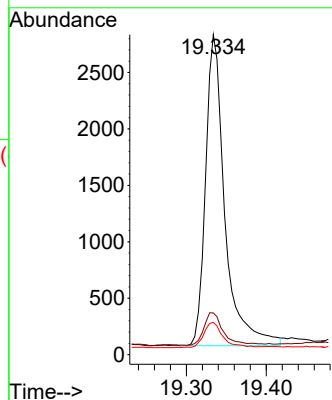
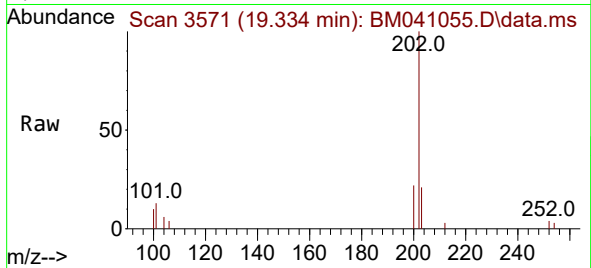




#19
Fluoranthene
Concen: 0.561 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

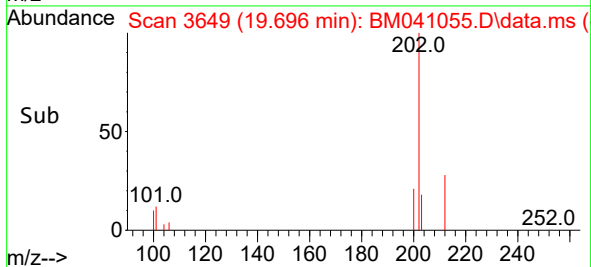
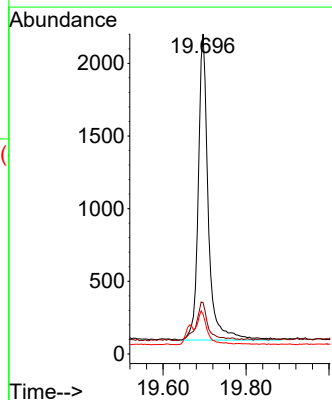
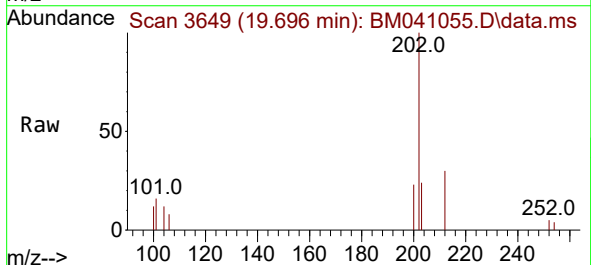
Instrument :
BNA_M
ClientSampleId :

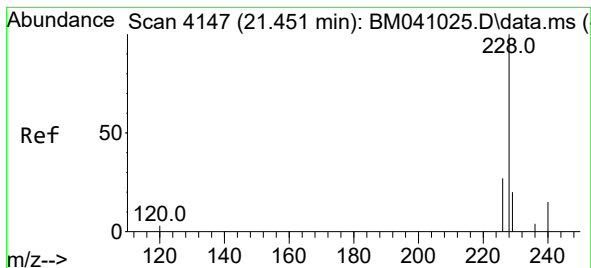
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.0	16.4
100	10.1	8.3	12.5



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.5	18.7
100	12.4	10.0	15.0





#21

Benzo(a)anthracene

Concen: 0.411 ng/ul

RT: 21.454 min Scan# 4147

Delta R.T. 0.006 min

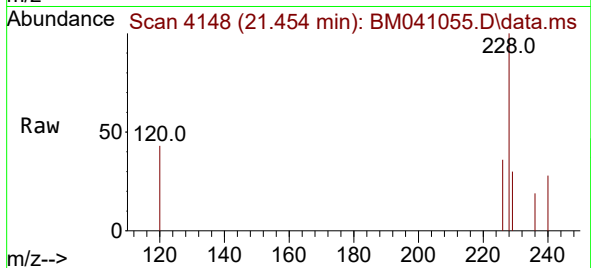
Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

Instrument :

BNA_M

ClientSampleId :



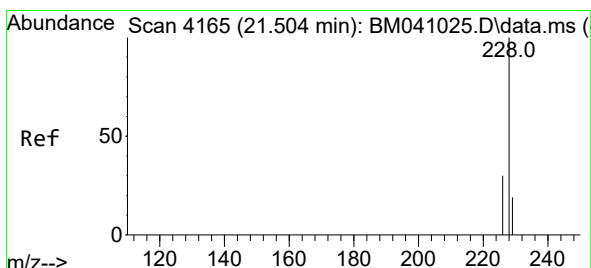
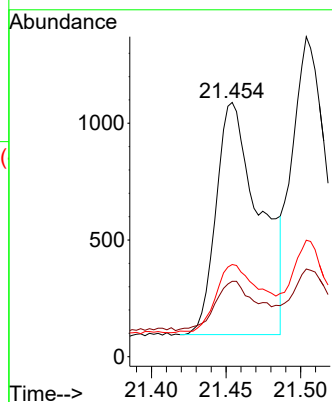
Tgt Ion:228 Resp: 2001

Ion Ratio Lower Upper

228 100

229 29.7 16.2 24.4#

226 36.3 22.3 33.5#



#22

Chrysene

Concen: 0.383 ng/ul

RT: 21.504 min Scan# 4165

Delta R.T. 0.003 min

Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

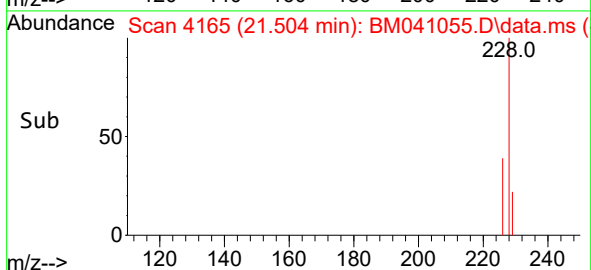
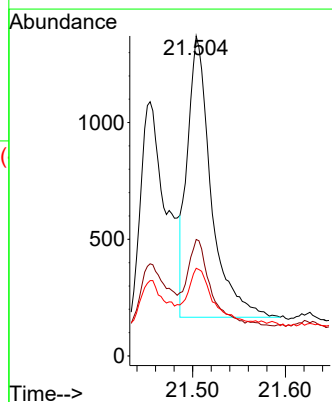
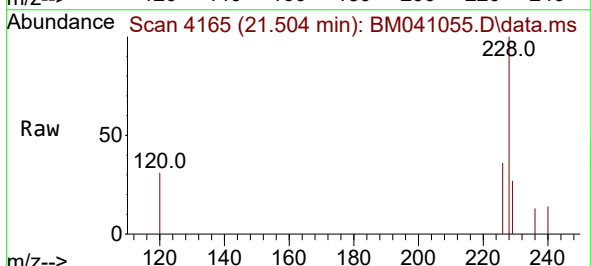
Tgt Ion:228 Resp: 2131

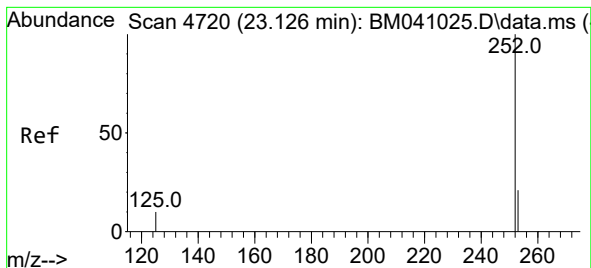
Ion Ratio Lower Upper

228 100

226 36.4 24.6 37.0

229 27.4 16.1 24.1#





#24

Benzo(b)fluoranthene

Concen: 0.491 ng/ul

RT: 23.135 min Scan# 4723

Delta R.T. 0.009 min

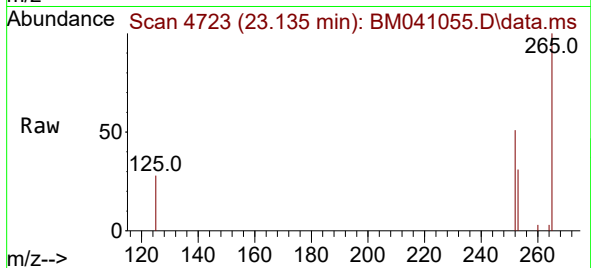
Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

Instrument :

BNA_M

ClientSampleId :



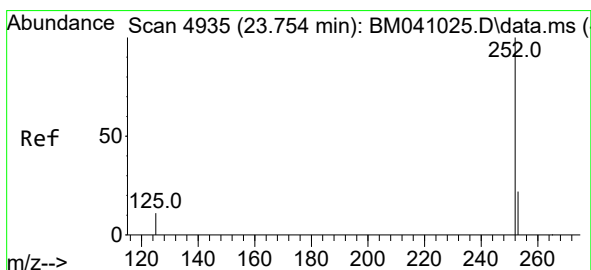
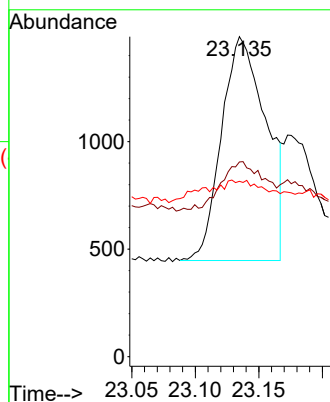
Tgt Ion:252 Resp: 2547

Ion Ratio Lower Upper

252 100

253 60.8 0.0 57.4#

125 54.8 0.0 45.2#



#26

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.754 min Scan# 4935

Delta R.T. 0.006 min

Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

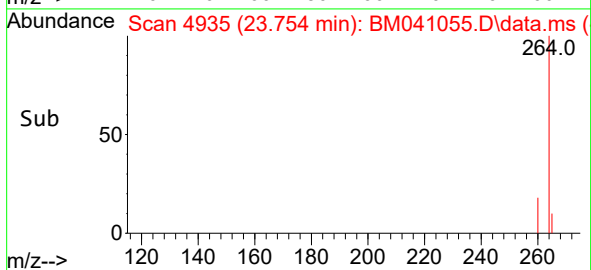
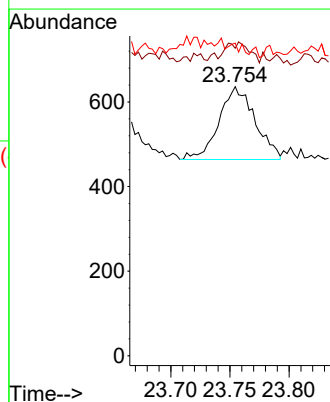
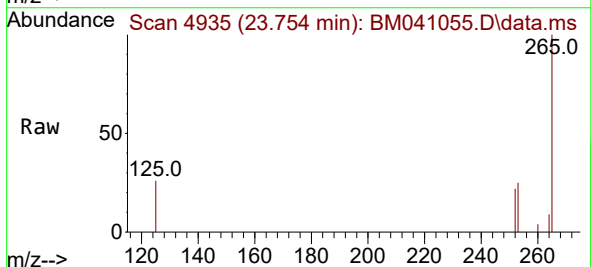
Tgt Ion:252 Resp: 364

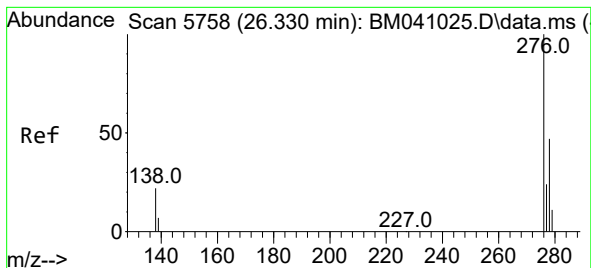
Ion Ratio Lower Upper

252 100

253 114.3 28.2 42.2#

125 116.2 25.2 37.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.147 ng/ul

RT: 26.334 min Scan# 5758

Delta R.T. 0.007 min

Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

Instrument :

BNA_M

ClientSampleId :

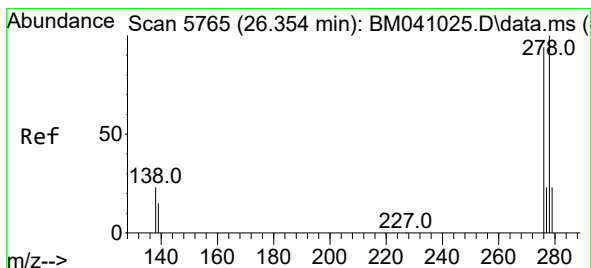
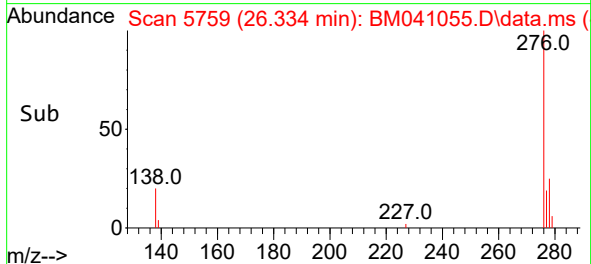
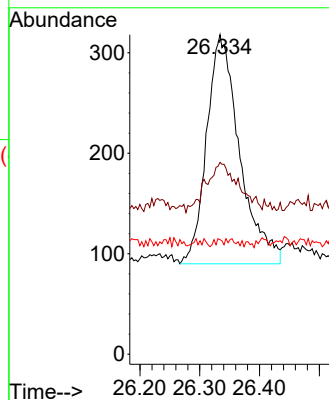
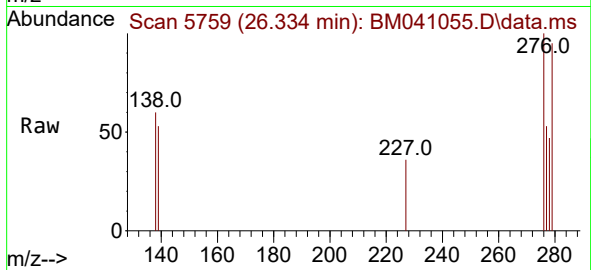
Tgt Ion:276 Resp: 875

Ion Ratio Lower Upper

276 100

138 15.7 22.3 33.5#

227 0.8 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.067 ng/ul

RT: 26.344 min Scan# 5762

Delta R.T. -0.003 min

Lab File: BM041055.D

Acq: 22 Jul 2023 15:11

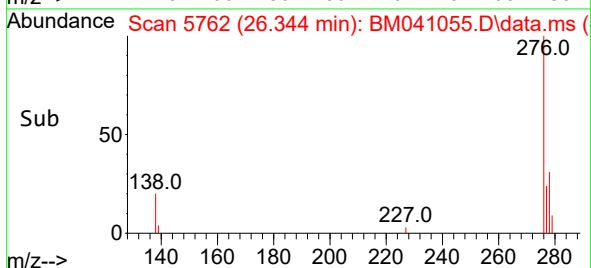
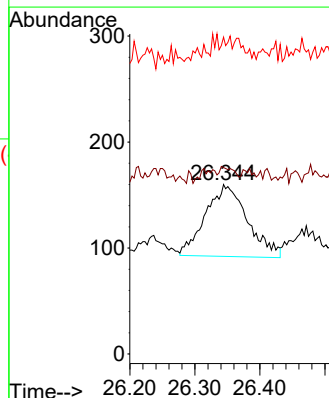
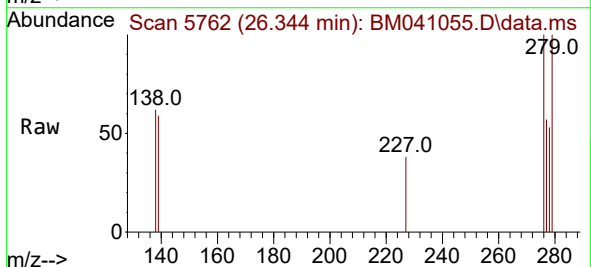
Tgt Ion:278 Resp: 303

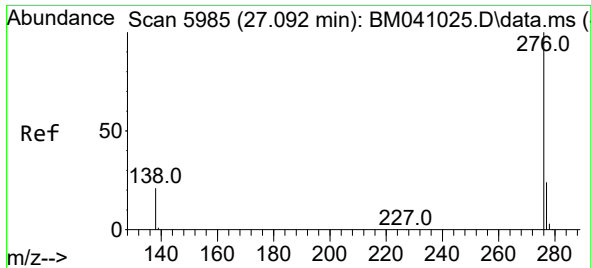
Ion Ratio Lower Upper

278 100

139 110.0 19.2 28.8#

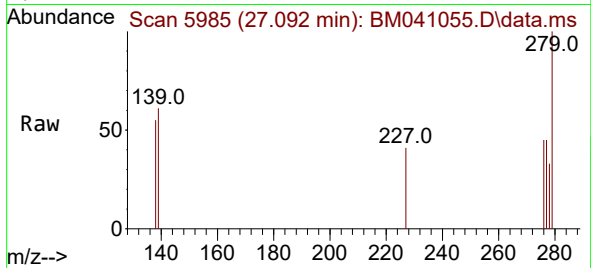
279 186.9 27.0 40.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/ul
 RT: 27.092 min Scan# 5985
 Delta R.T. 0.007 min
 Lab File: BM041055.D
 Acq: 22 Jul 2023 15:11

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 168
 Ion Ratio Lower Upper
 276 100
 138 121.9 22.6 34.0#
 277 99.2 21.2 31.8#

