

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041767.D
 Acq On : 10 Sep 2023 02:10
 Operator : MA/JU
 Sample : 04247-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ55

Quant Time: Sep 10 04:53:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

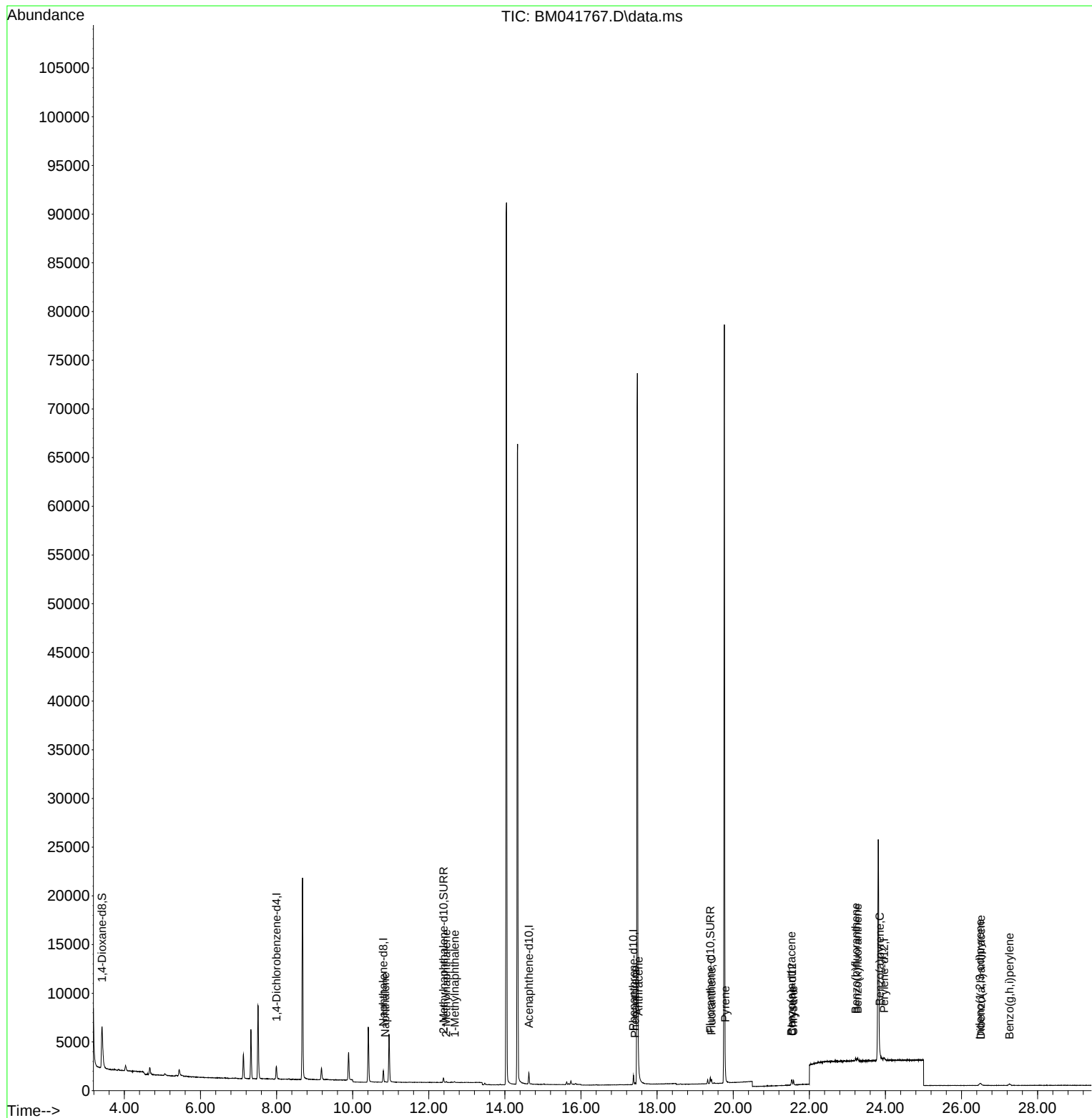
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	685	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	1452	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	575	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.379	188	1013	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.547	240	308	0.400	ng/ul	# 0.00
23) Perylene-d12	23.968	264	360	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	4593	4.387	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.385	152	571	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	544	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.856	128	124	0.026	ng/ul#	1
7) 2-Methylnaphthalene	12.456	142	75	0.028	ng/ul	94
8) 1-Methylnaphthalene	12.682	142	57	0.021	ng/ul	82
15) Phenanthrene	17.421	178	220	0.051	ng/ul#	41
16) Anthracene	17.514	178	243	0.066	ng/ul#	37
19) Fluoranthene	19.431	202	397	0.109	ng/ul#	62
20) Pyrene	19.794	202	440	0.122	ng/ul#	53
21) Benzo(a)anthracene	21.530	228	361	0.144	ng/ul#	76
22) Chrysene	21.583	228	409	0.151	ng/ul#	79
24) Benzo(b)fluoranthene	23.222	252	419	0.130	ng/ul#	1
25) Benzo(k)fluoranthene	23.269	252	346	0.110	ng/ul#	1
26) Benzo(a)pyrene	23.854	252	270	0.103	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.481	276	365	0.102	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.508	278	235	0.093	ng/ul#	1
29) Benzo(g,h,i)perylene	27.259	276	329	0.103	ng/ul#	18

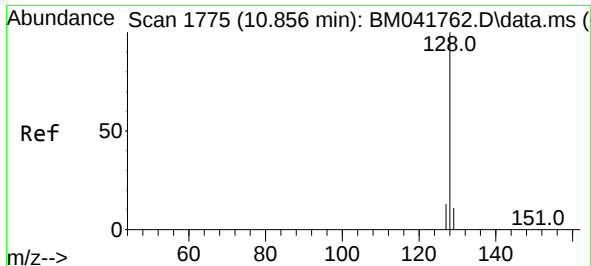
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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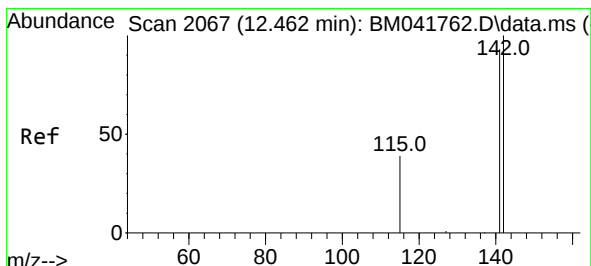
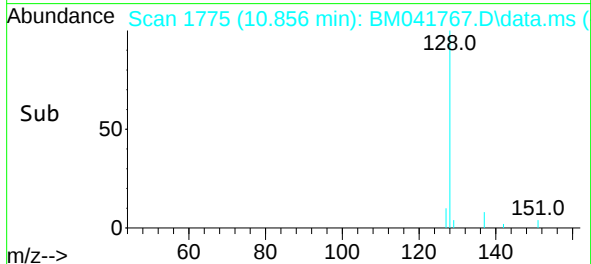
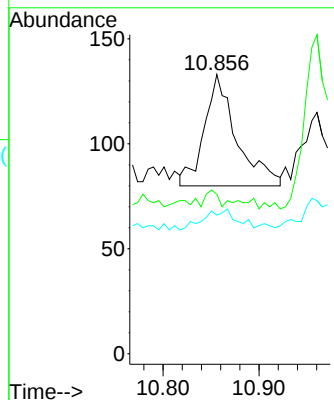
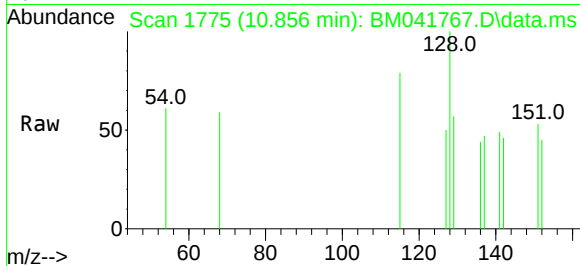




#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

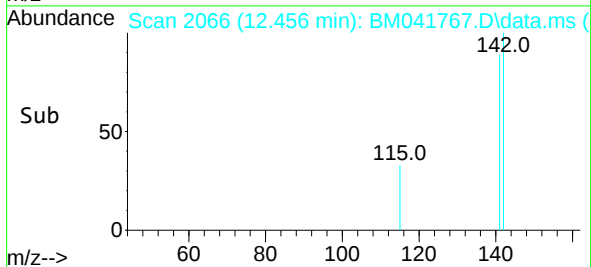
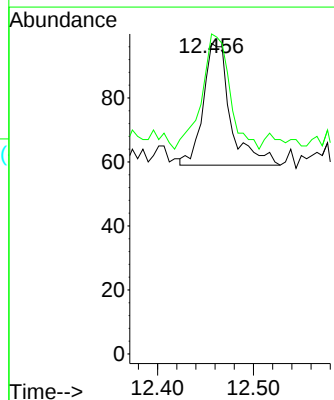
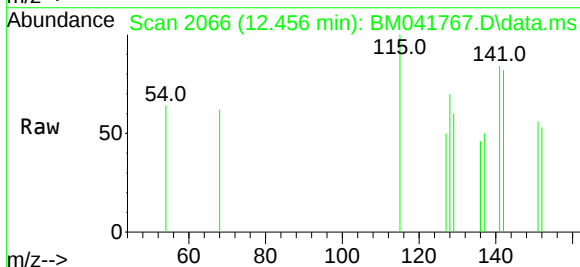
Instrument :
BNA_M
ClientSampleId :
BBJ55

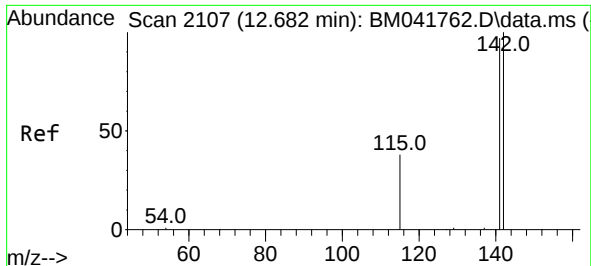
Tgt Ion:128 Resp: 124
Ion Ratio Lower Upper
128 100
129 57.1 9.4 14.0#
127 49.6 11.0 16.6#



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.456 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
141 96.0 72.2 108.2

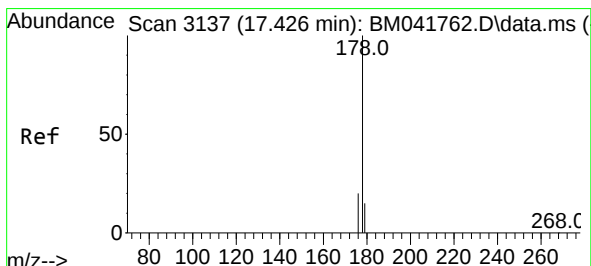
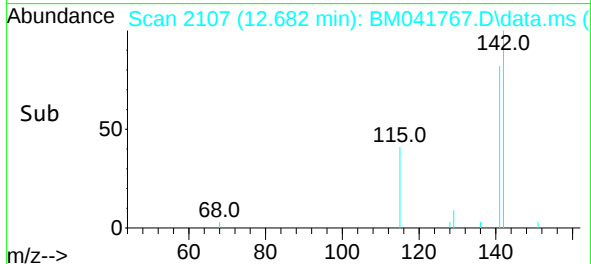
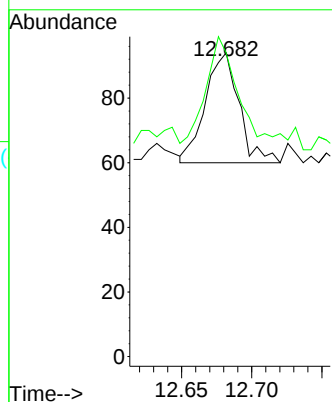
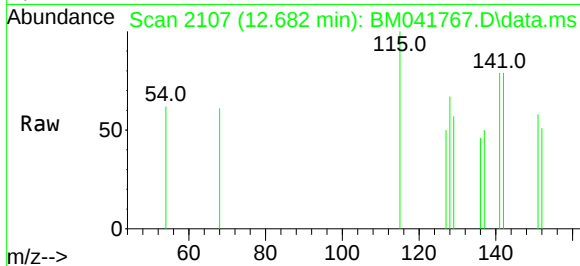




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

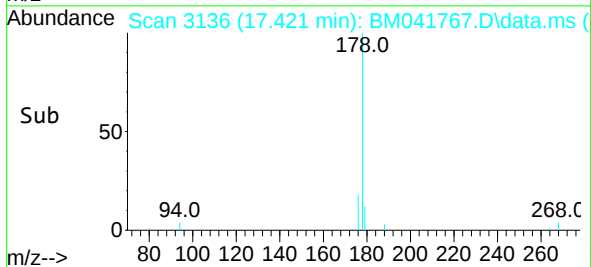
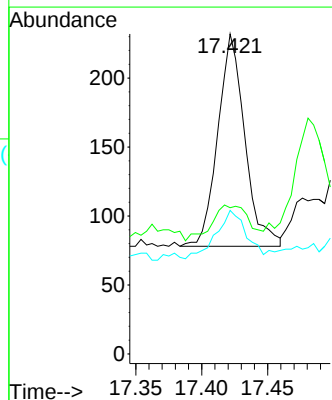
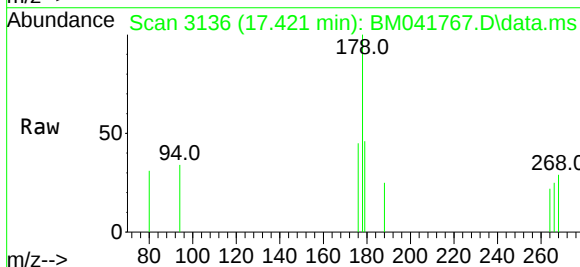
Instrument :
BNA_M
ClientSampleId :
BBJ55

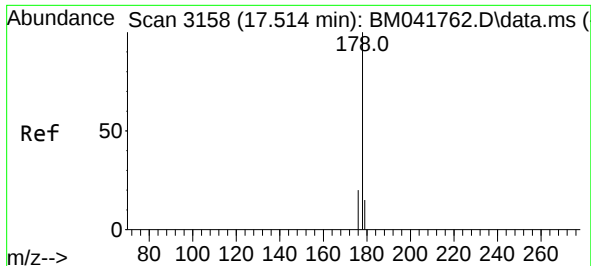
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
141 110.5 74.4 111.6



#15
Phenanthrene
Concen: 0.051 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

Tgt Ion:178 Resp: 220
Ion Ratio Lower Upper
178 100
179 45.7 12.9 19.3#
176 44.8 16.9 25.3#

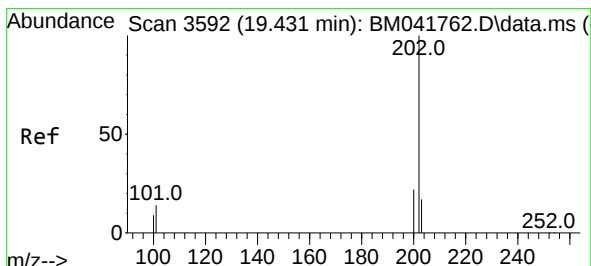
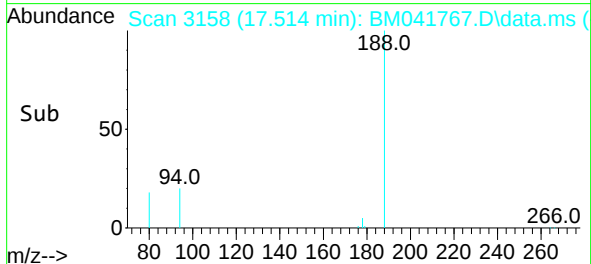
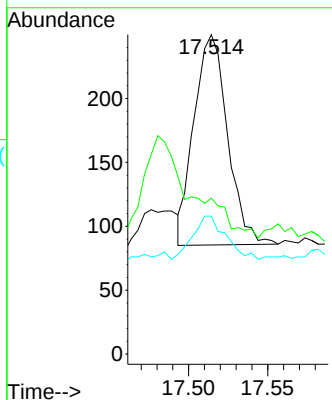
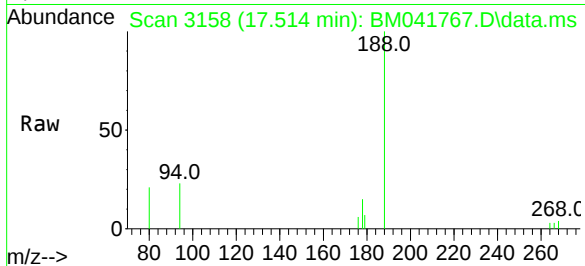




#16
 Anthracene
 Concen: 0.066 ng/u1
 RT: 17.514 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: BM041767.D
 Acq: 10 Sep 2023 02:10

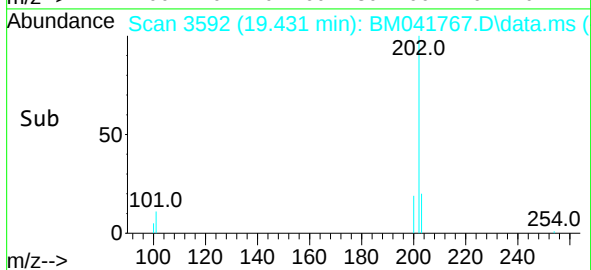
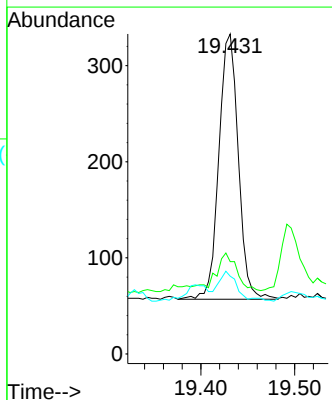
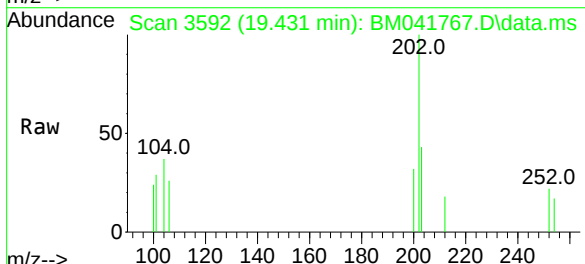
Instrument :
 BNA_M
 ClientSampleId :
 BBJ55

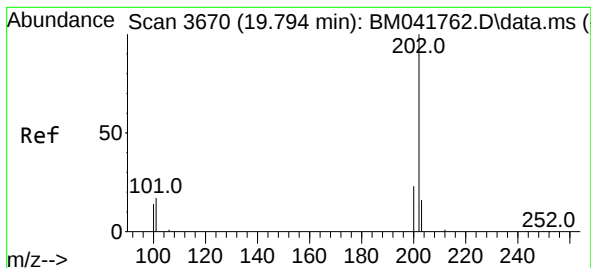
Tgt Ion:178 Resp: 243
 Ion Ratio Lower Upper
 178 100
 179 48.8 12.9 19.3#
 176 43.2 15.8 23.8#



#19
 Fluoranthene
 Concen: 0.109 ng/u1
 RT: 19.431 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: BM041767.D
 Acq: 10 Sep 2023 02:10

Tgt Ion:202 Resp: 397
 Ion Ratio Lower Upper
 202 100
 101 28.8 10.5 15.7#
 100 24.3 8.4 12.6#





#20

Pyrene

Concen: 0.122 ng/ul

RT: 19.794 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

Instrument :

BNA_M

ClientSampleId :

BBJ55

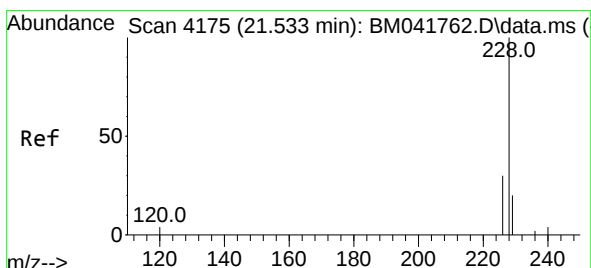
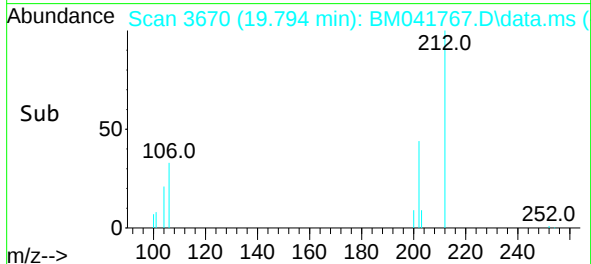
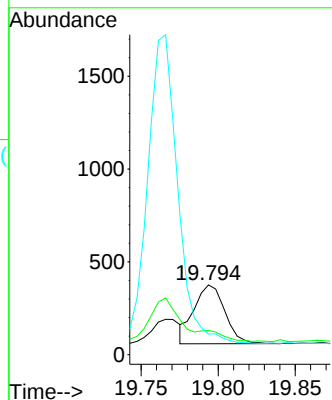
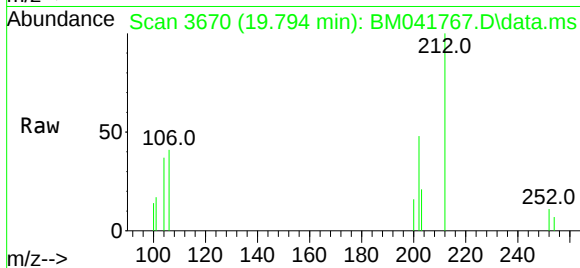
Tgt Ion:202 Resp: 440

Ion Ratio Lower Upper

202 100

101 34.8 11.8 17.8#

100 29.5 9.8 14.6#



#21

Benzo(a)anthracene

Concen: 0.144 ng/ul

RT: 21.530 min Scan# 4174

Delta R.T. -0.003 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

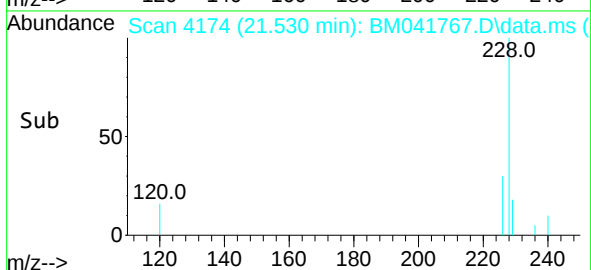
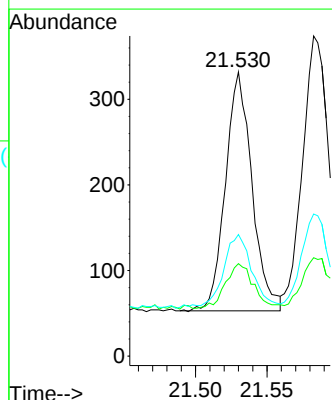
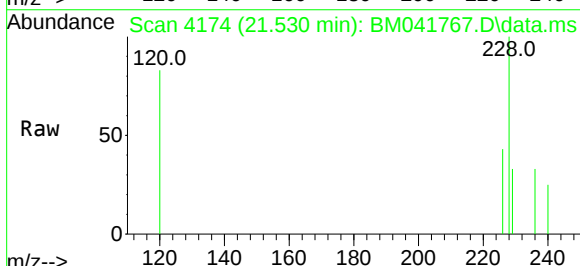
Tgt Ion:228 Resp: 361

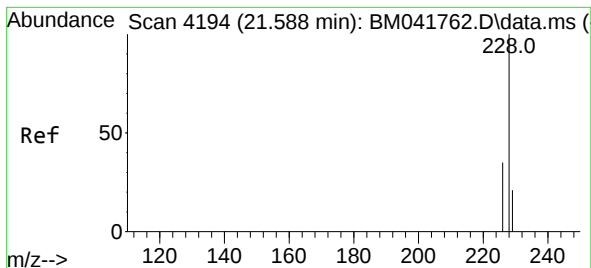
Ion Ratio Lower Upper

228 100

229 32.5 15.8 23.6#

226 42.8 24.8 37.2#





#22

Chrysene

Concen: 0.151 ng/ul

RT: 21.583 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

Instrument :

BNA_M

ClientSampleId :

BBJ55

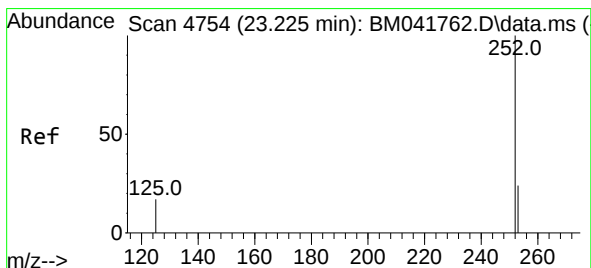
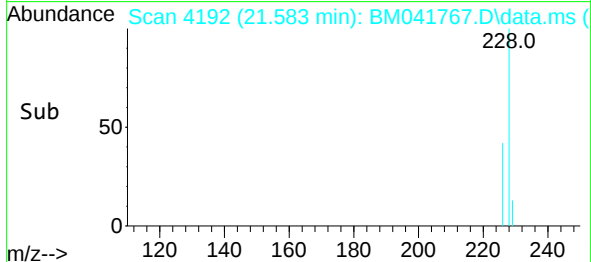
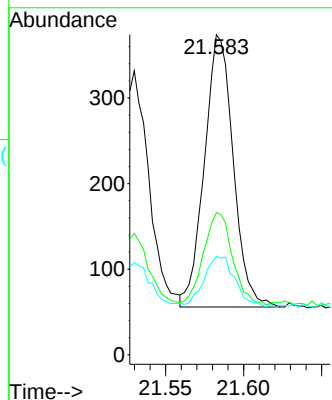
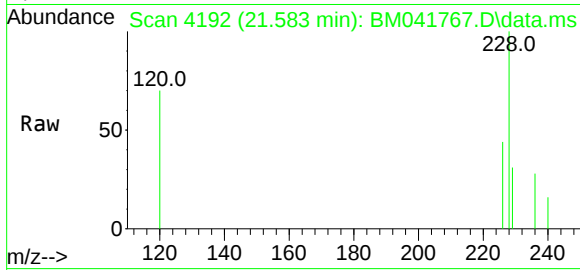
Tgt Ion:228 Resp: 409

Ion Ratio Lower Upper

228 100

226 44.4 27.0 40.6#

229 30.7 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.130 ng/ul

RT: 23.222 min Scan# 4753

Delta R.T. -0.003 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

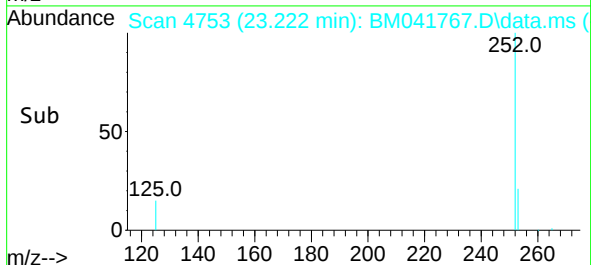
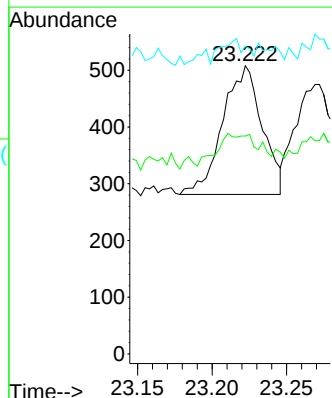
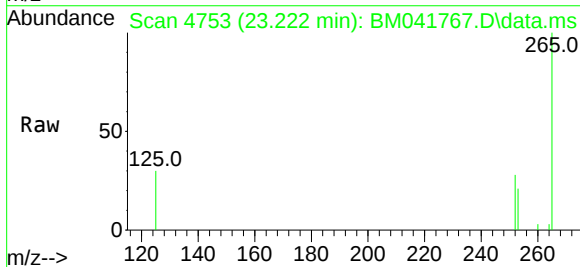
Tgt Ion:252 Resp: 419

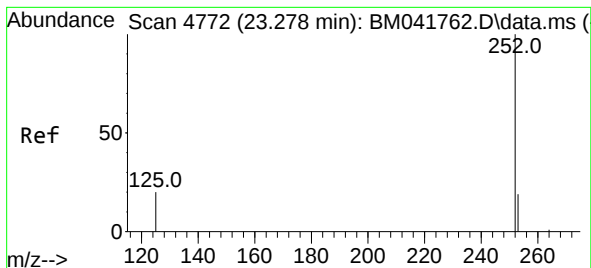
Ion Ratio Lower Upper

252 100

253 75.6 0.0 52.4#

125 106.7 0.0 42.8#





#25

Benzo(k)fluoranthene

Concen: 0.110 ng/ul

RT: 23.269 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

Instrument :

BNA_M

ClientSampleId :

BBJ55

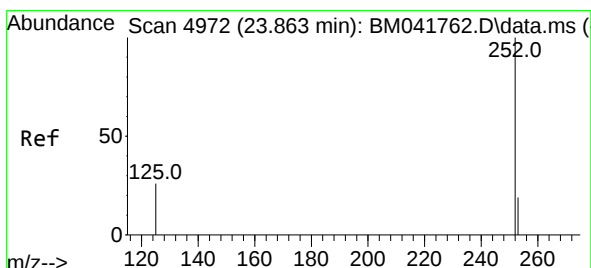
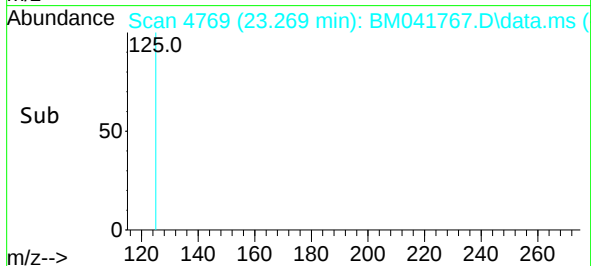
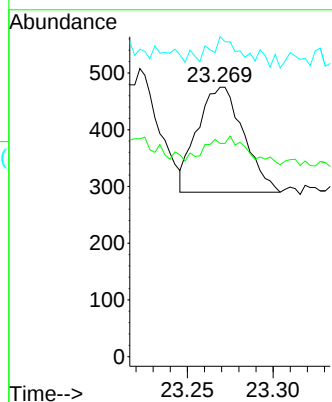
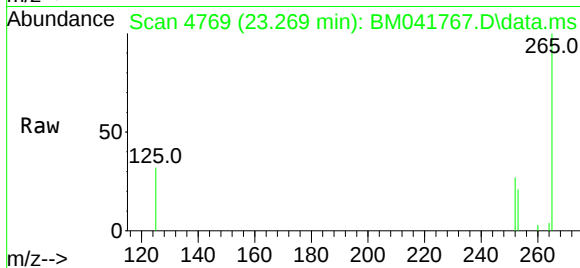
Tgt Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

253 79.2 21.3 31.9#

125 118.7 17.4 26.0#



#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.854 min Scan# 4969

Delta R.T. -0.009 min

Lab File: BM041767.D

Acq: 10 Sep 2023 02:10

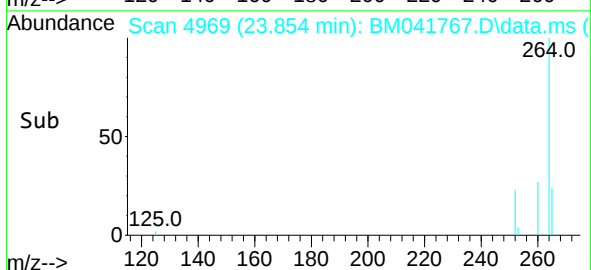
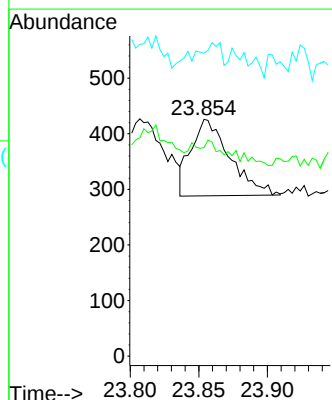
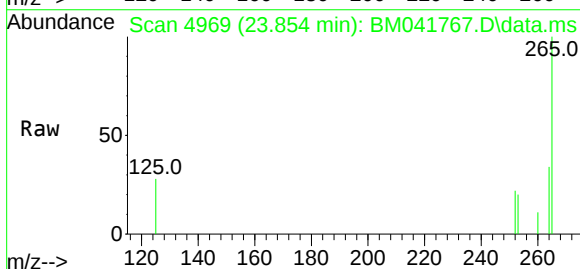
Tgt Ion:252 Resp: 270

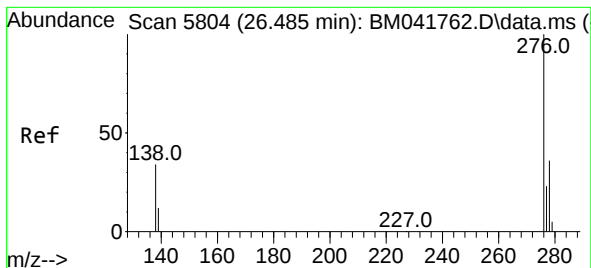
Ion Ratio Lower Upper

252 100

253 88.0 22.4 33.6#

125 127.9 21.0 31.4#

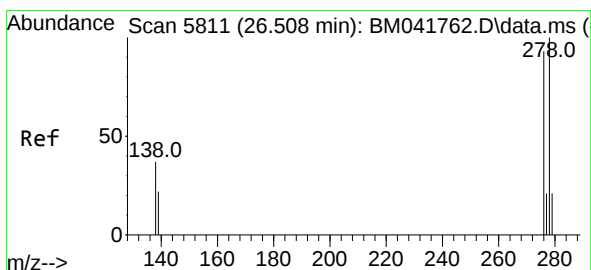
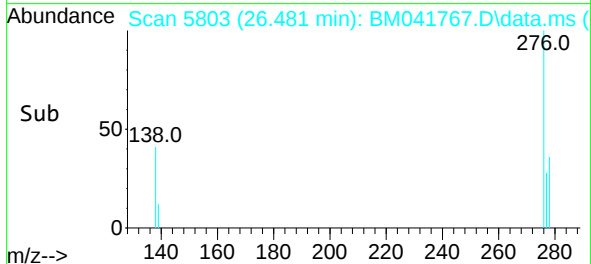
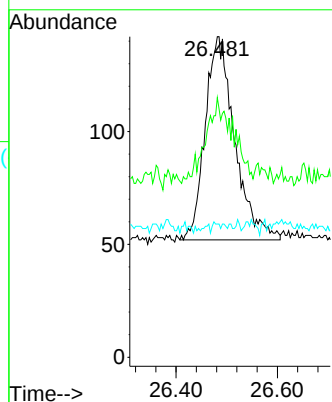
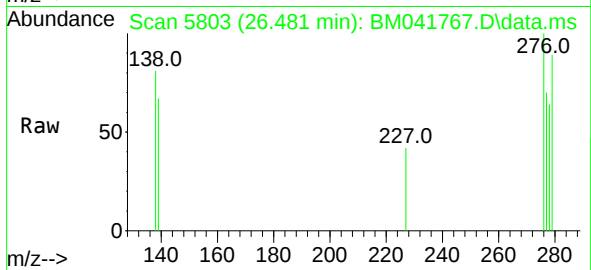




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.481 min Scan# 5803
Delta R.T. -0.003 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

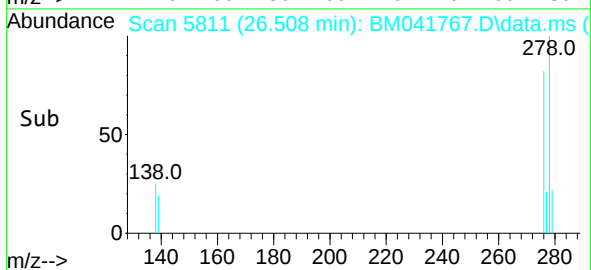
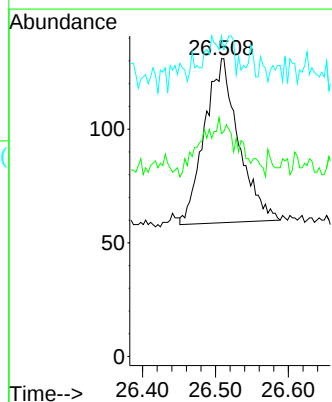
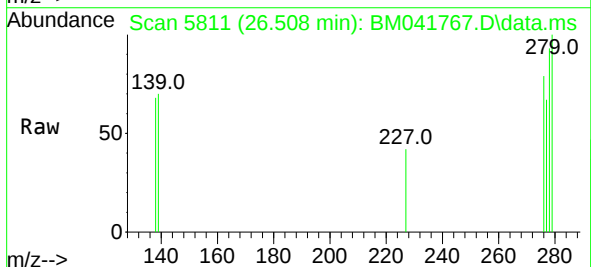
Instrument :
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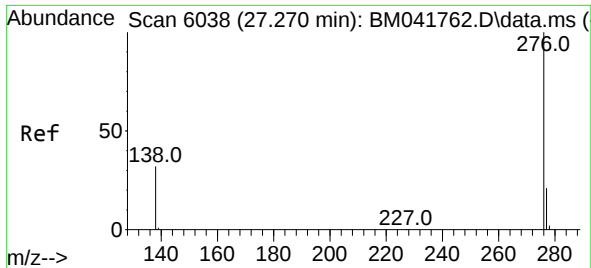
Tgt Ion:276 Resp: 365
Ion Ratio Lower Upper
276 100
138 36.2 26.4 39.6
227 1.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.508 min Scan# 5811
Delta R.T. 0.003 min
Lab File: BM041767.D
Acq: 10 Sep 2023 02:10

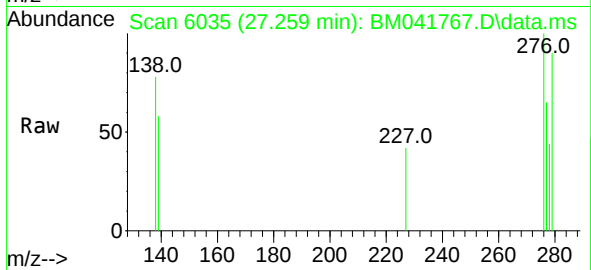
Tgt Ion:278 Resp: 235
Ion Ratio Lower Upper
278 100
139 74.8 23.0 34.6#
279 107.6 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.103 ng/ul
 RT: 27.259 min Scan# 6035
 Delta R.T. -0.007 min
 Lab File: BM041767.D
 Acq: 10 Sep 2023 02:10

Instrument :
 BNA_M
 ClientSampleId :
 BBJ55



Tgt Ion:276 Resp: 329
 Ion Ratio Lower Upper
 276 100
 138 78.5 25.0 37.4#
 277 64.6 20.2 30.2#

