

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039752.D
 Acq On : 29 Apr 2023 00:43
 Operator : CG/JU
 Sample : 02417-10
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X6

Quant Time: Apr 29 02:26:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

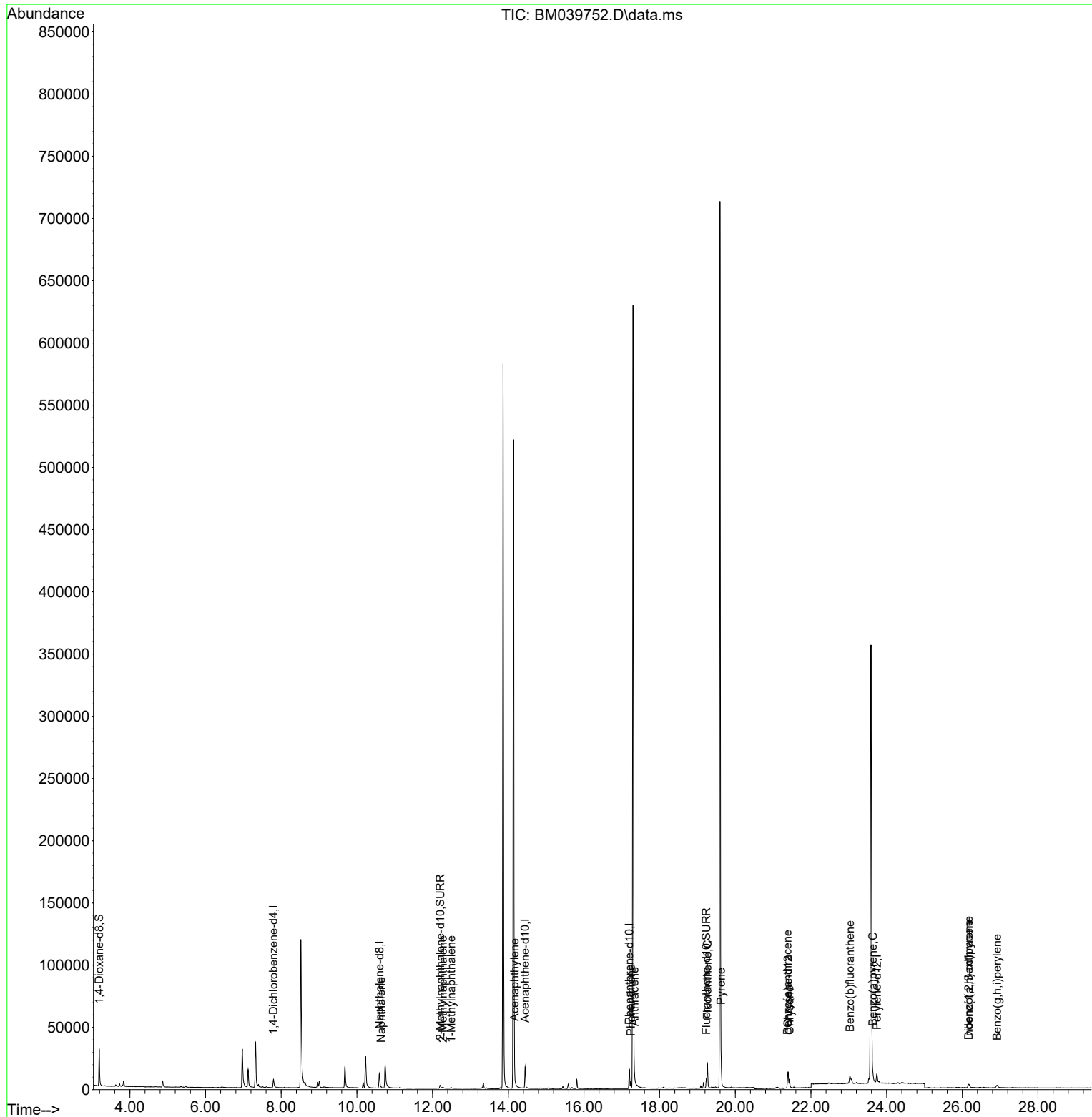
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4536	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	17557	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19135	0.400	ng/ul	-0.02
17) Chrysene-d12	21.398	240	10818	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	10921	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	18348	2.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4849	0.215	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	8210	0.282	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	1092	0.025	ng/ul#	74
7) 2-Methylnaphthalene	12.272	142	829	0.033	ng/ul	96
8) 1-Methylnaphthalene	12.492	142	647	0.024	ng/ul	95
10) Acenaphthylene	14.168	152	1114	0.029	ng/ul#	70
15) Phenanthrene	17.242	178	6519	0.129	ng/ul	97
16) Anthracene	17.335	178	1145	0.026	ng/ul#	74
19) Fluoranthene	19.266	202	16006	0.415	ng/ul#	85
20) Pyrene	19.624	202	14213	0.341	ng/ul#	94
21) Benzo(a)anthracene	21.380	228	6416	0.206	ng/ul#	91
22) Chrysene	21.433	228	6689	0.190	ng/ul#	92
24) Benzo(b)fluoranthene	23.032	252	10290	0.268	ng/ul	78
26) Benzo(a)pyrene	23.634	252	6058	0.176	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.172	276	5686	0.131	ng/ul	99
28) Dibenzo(a,h)anthracene	26.172	278	1343	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	26.920	276	5229	0.138	ng/ul#	83

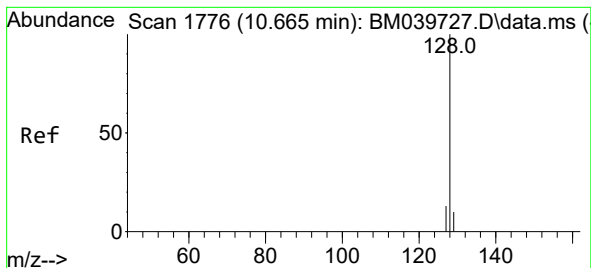
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.025 ng/ul

RT: 10.644 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM039752.D

Acq: 29 Apr 2023 00:43

Instrument :

BNA_M

ClientSampleId :

EW8X6

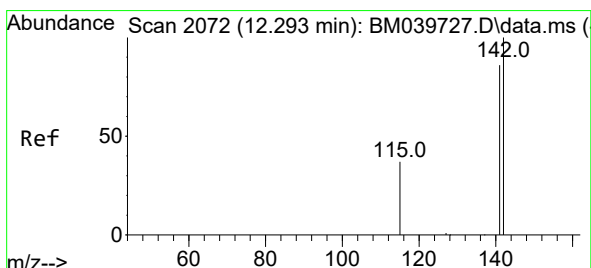
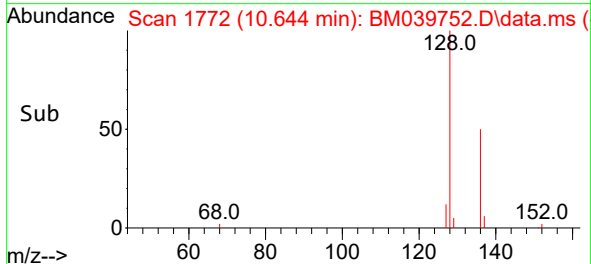
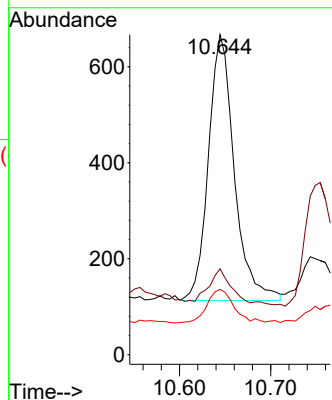
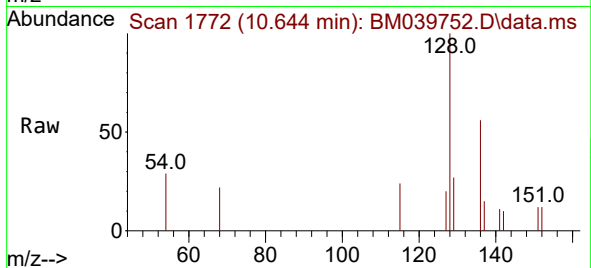
Tgt Ion:128 Resp: 1092

Ion Ratio Lower Upper

128 100

129 26.8 9.8 14.6#

127 20.4 11.1 16.7#



#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.272 min Scan# 2068

Delta R.T. -0.017 min

Lab File: BM039752.D

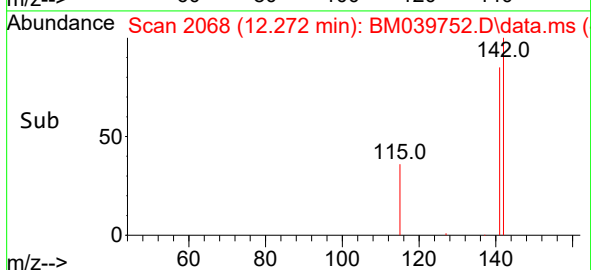
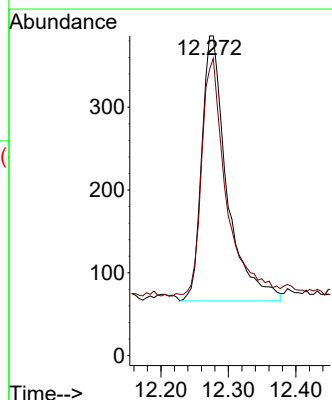
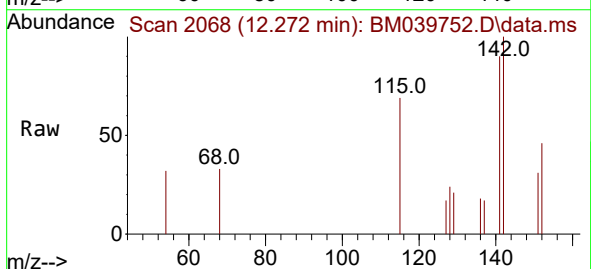
Acq: 29 Apr 2023 00:43

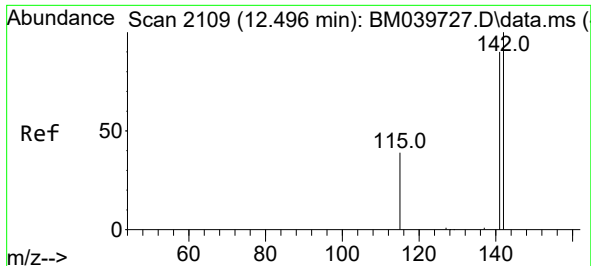
Tgt Ion:142 Resp: 829

Ion Ratio Lower Upper

142 100

141 87.9 73.2 109.8

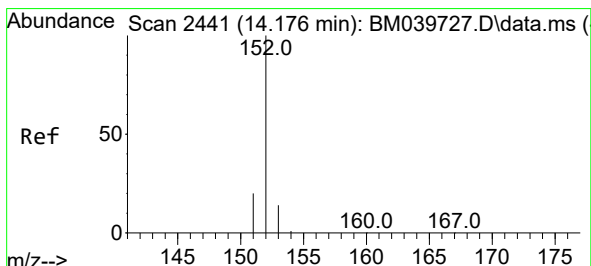
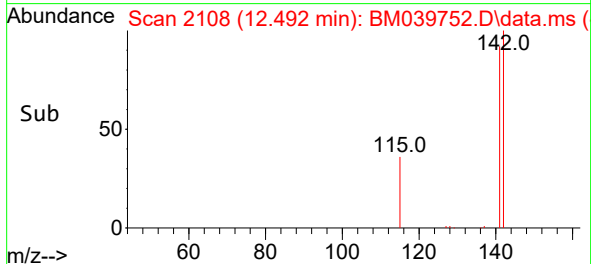
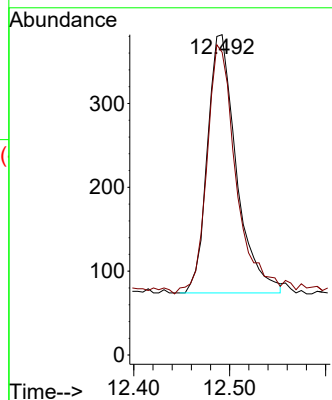
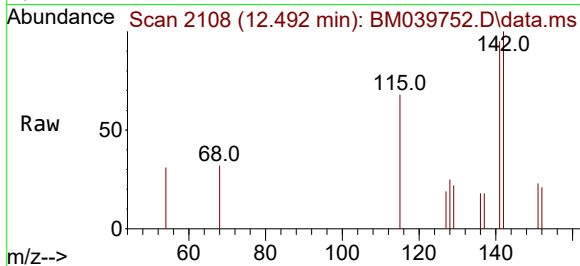




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

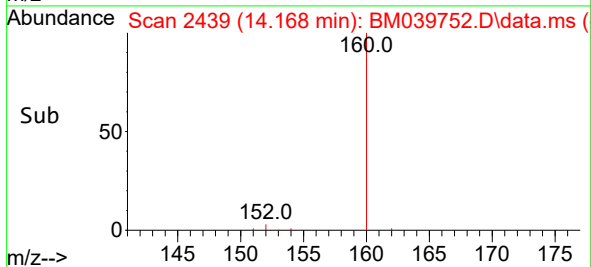
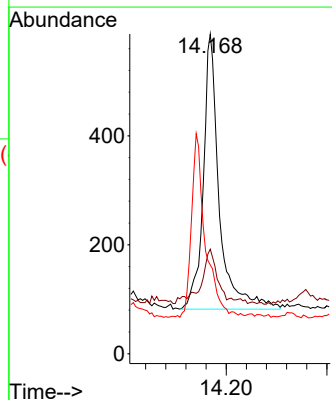
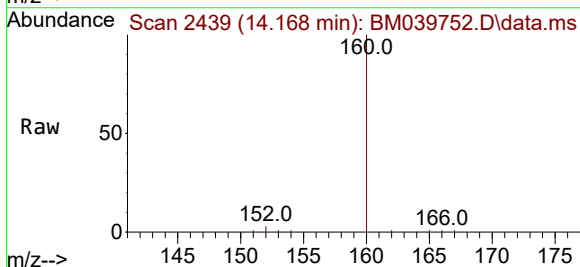
Instrument :
BNA_M
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EW8X6

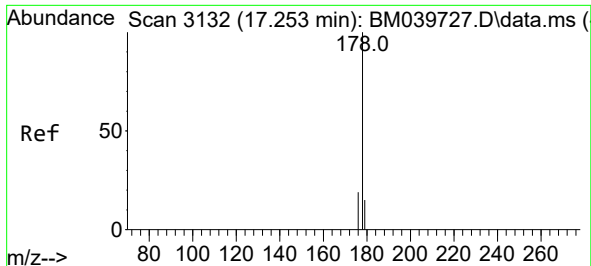
Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
141 96.9 73.4 110.2



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

Tgt Ion:152 Resp: 1114
Ion Ratio Lower Upper
152 100
151 32.7 16.0 24.0#
153 27.8 11.2 16.8#

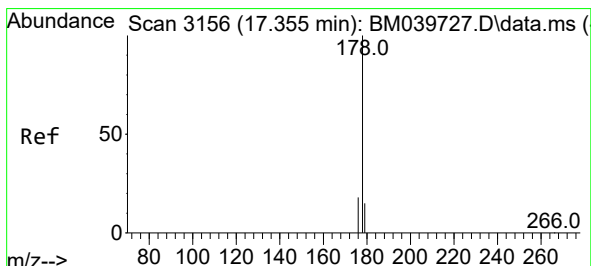
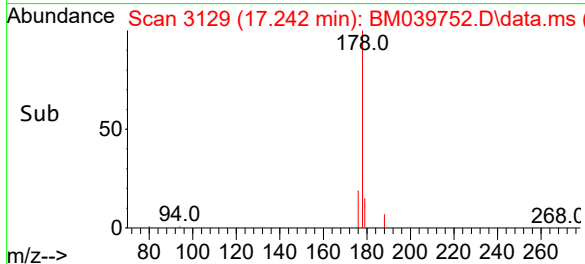
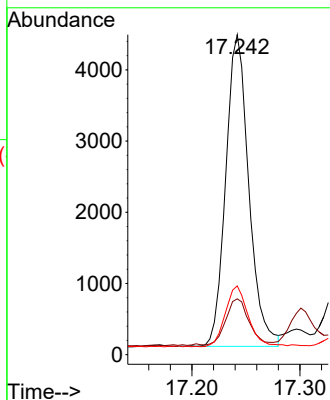
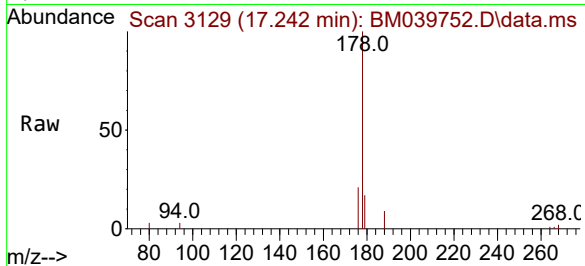




#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.242 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

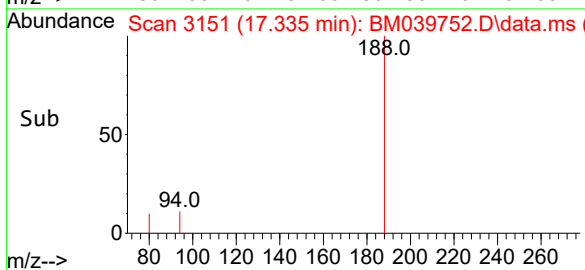
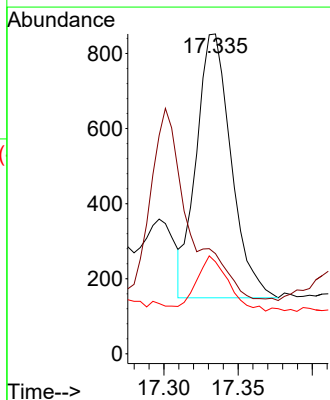
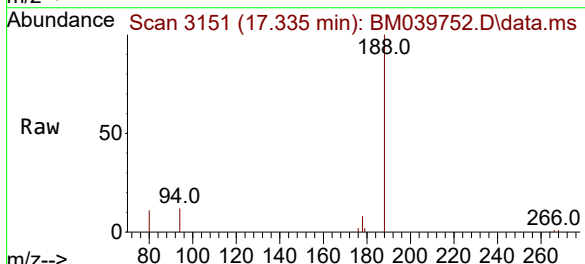
Instrument :
BNA_M
ClientSampleId :
EW8X6

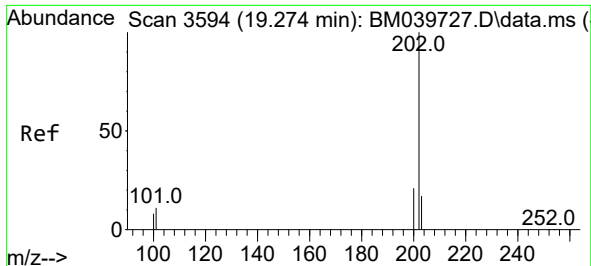
Tgt Ion:178 Resp: 6519
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 21.5 15.8 23.8



#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

Tgt Ion:178 Resp: 1145
Ion Ratio Lower Upper
178 100
179 31.3 13.8 20.6#
176 28.8 15.8 23.8#

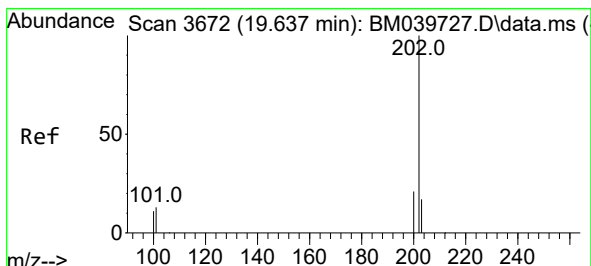
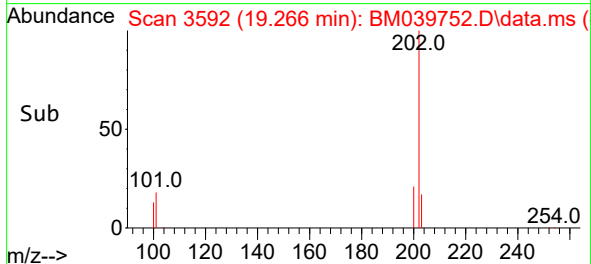
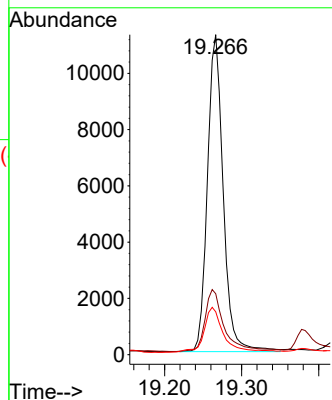
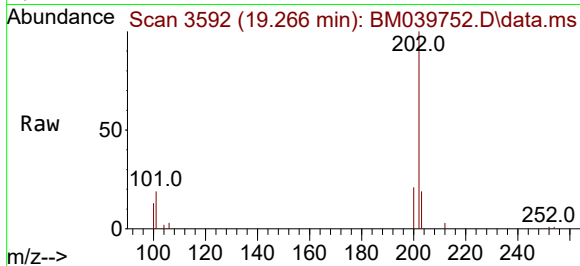




#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

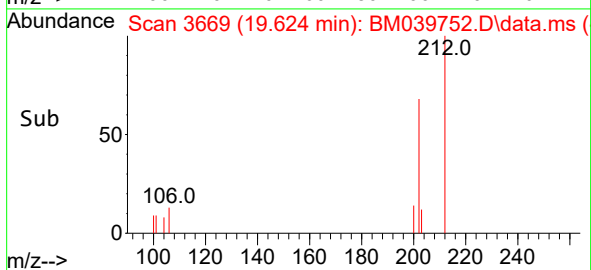
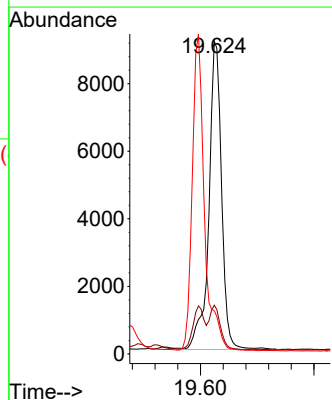
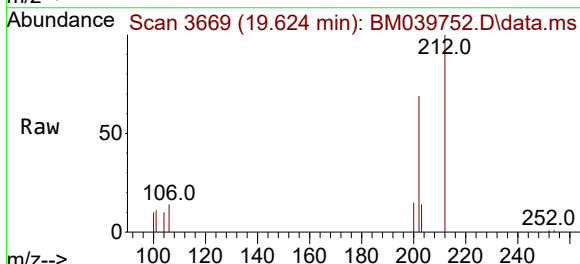
Instrument :
BNA_M
ClientSampleId :
EW8X6

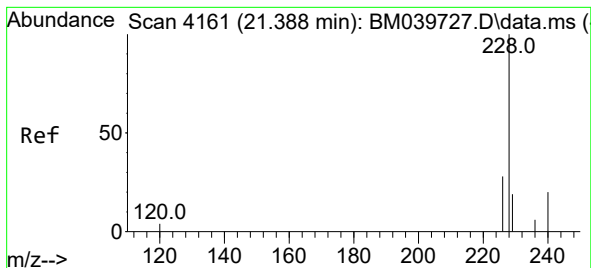
Tgt Ion:202 Resp: 16006
Ion Ratio Lower Upper
202 100
101 19.1 9.8 14.8#
100 13.4 7.3 10.9#



#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

Tgt Ion:202 Resp: 14213
Ion Ratio Lower Upper
202 100
101 15.6 10.9 16.3
100 13.8 8.9 13.3#





#21

Benzo(a)anthracene

Concen: 0.206 ng/ul

RT: 21.380 min Scan# 41

Delta R.T. -0.016 min

Lab File: BM039752.D

Acq: 29 Apr 2023 00:43

Instrument :

BNA_M

ClientSampleId :

EW8X6

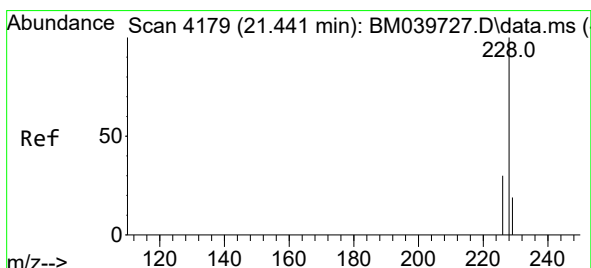
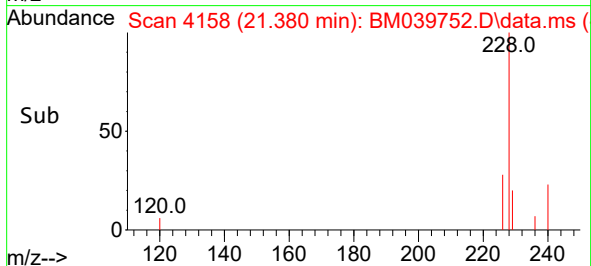
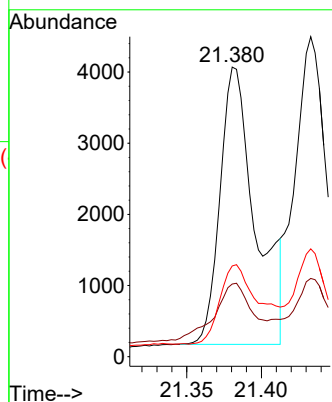
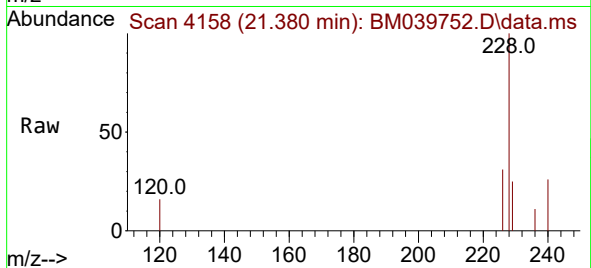
Tgt Ion:228 Resp: 6416

Ion Ratio Lower Upper

228 100

229 25.1 16.2 24.2#

226 31.3 21.6 32.4



#22

Chrysene

Concen: 0.190 ng/ul

RT: 21.433 min Scan# 4176

Delta R.T. -0.013 min

Lab File: BM039752.D

Acq: 29 Apr 2023 00:43

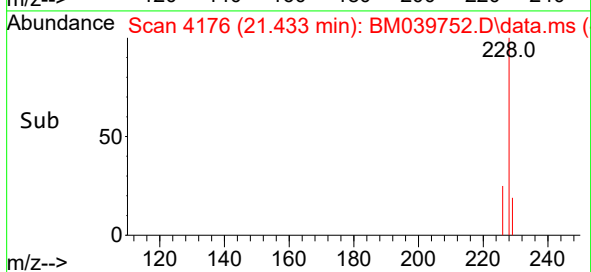
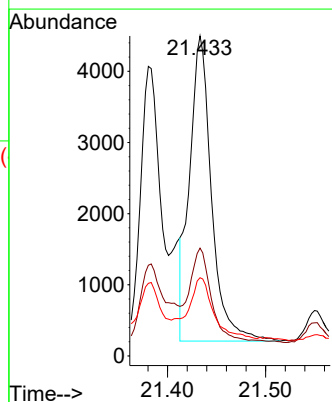
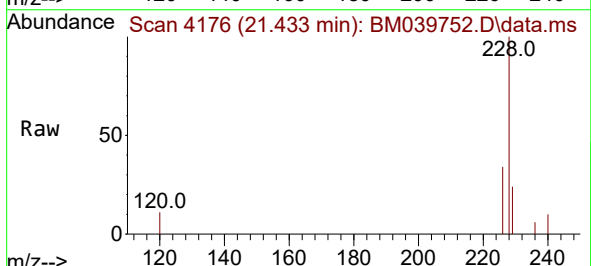
Tgt Ion:228 Resp: 6689

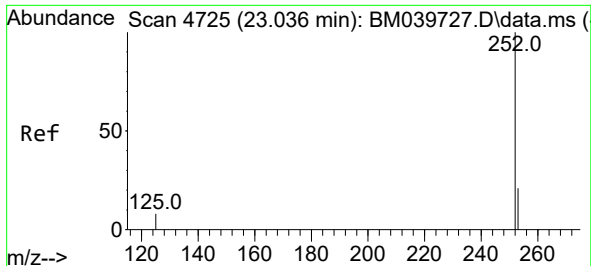
Ion Ratio Lower Upper

228 100

226 33.7 24.3 36.5

229 24.5 15.9 23.9#

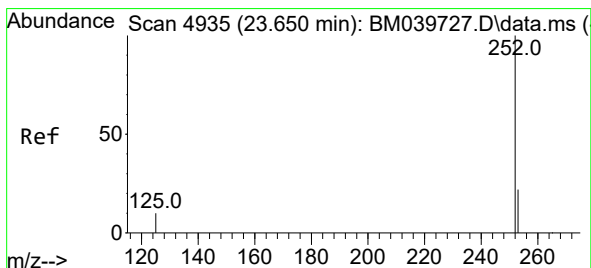
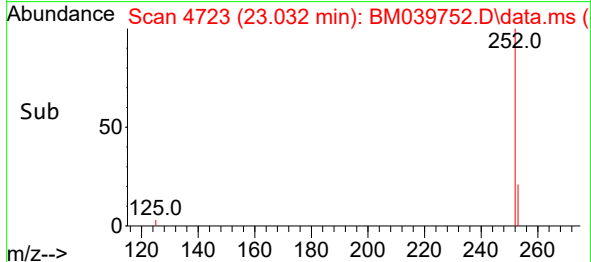
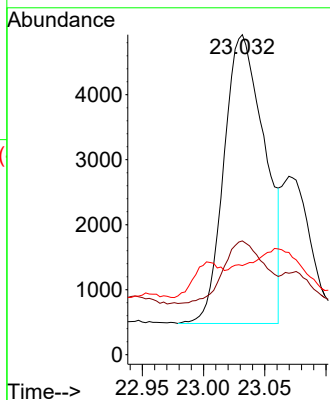
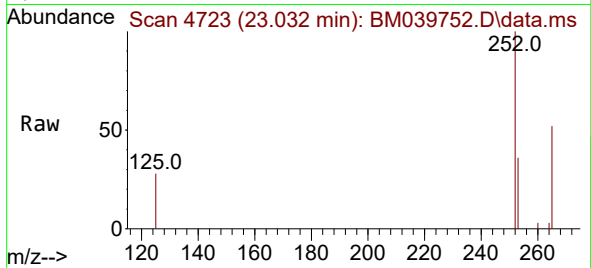




#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul
RT: 23.032 min Scan# 41
Delta R.T. -0.013 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

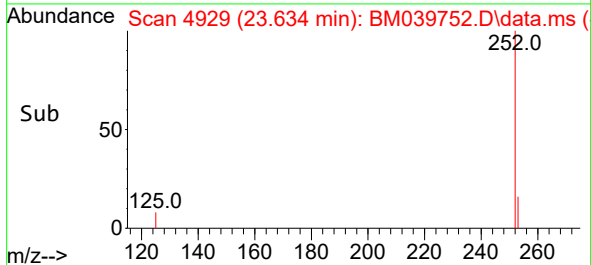
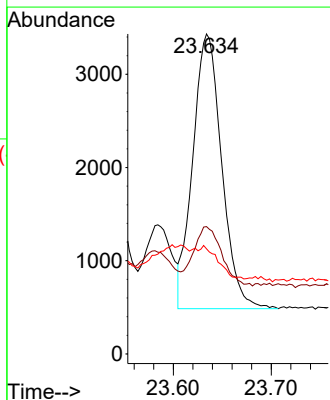
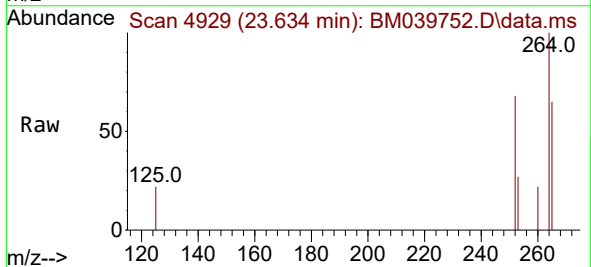
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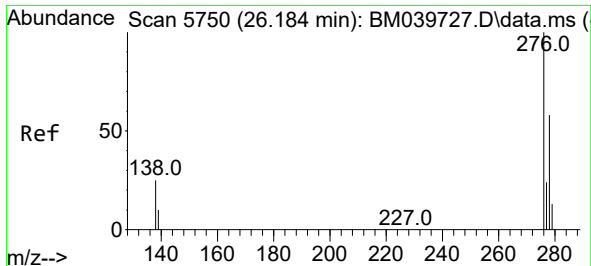
Tgt Ion:252 Resp: 10290
Ion Ratio Lower Upper
252 100
253 35.5 0.0 52.8
125 27.8 0.0 31.6



#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.634 min Scan# 4929
Delta R.T. -0.031 min
Lab File: BM039752.D
Acq: 29 Apr 2023 00:43

Tgt Ion:252 Resp: 6058
Ion Ratio Lower Upper
252 100
253 39.8 24.7 37.1#
125 32.9 16.5 24.7#

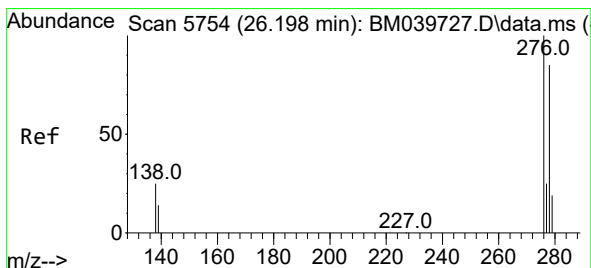
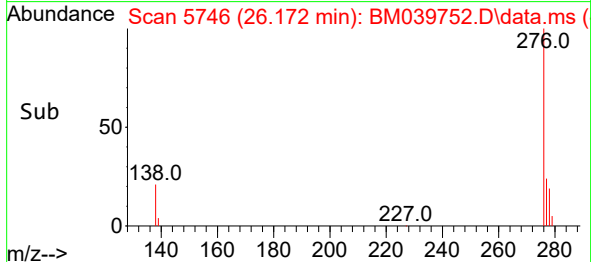
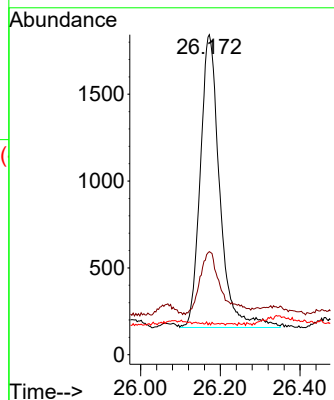
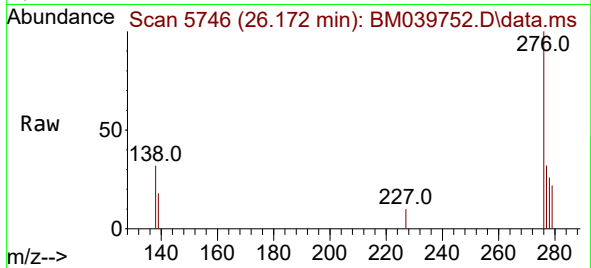




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.131 ng/ul
 RT: 26.172 min Scan# 5746
 Delta R.T. -0.029 min
 Lab File: BM039752.D
 Acq: 29 Apr 2023 00:43

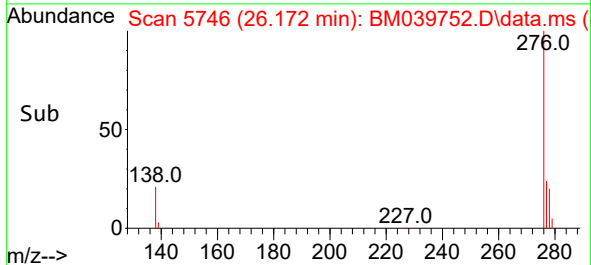
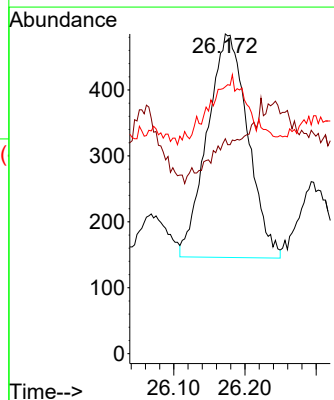
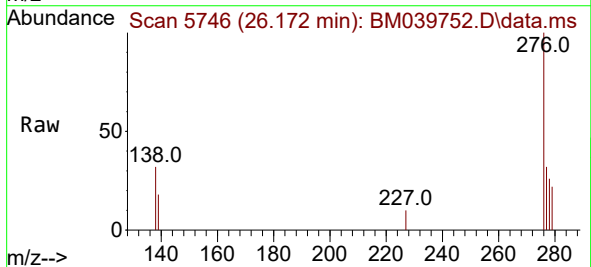
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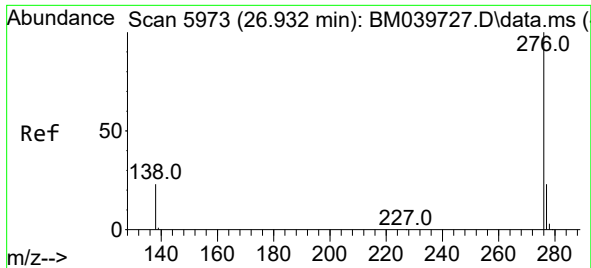
Tgt Ion:276 Resp: 5686
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.1 31.7
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul
 RT: 26.172 min Scan# 5746
 Delta R.T. -0.045 min
 Lab File: BM039752.D
 Acq: 29 Apr 2023 00:43

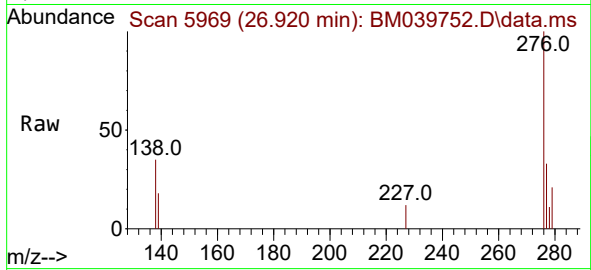
Tgt Ion:278 Resp: 1343
 Ion Ratio Lower Upper
 278 100
 139 67.2 17.0 25.6#
 279 83.5 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 26.920 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: BM039752.D
 Acq: 29 Apr 2023 00:43

Instrument :
 BNA_M
 ClientSampleId :
 EW8X6



Tgt Ion:276 Resp: 5229
 Ion Ratio Lower Upper
 276 100
 138 34.9 20.1 30.1#
 277 32.8 20.1 30.1#

