

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039703.D
 Acq On : 27 Apr 2023 11:48
 Operator : CG/JU
 Sample : SST0.849
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

Quant Time: Apr 27 22:36:49 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 : Thu Apr 27 16:04:50 2023
 Response via : Initial Calibration

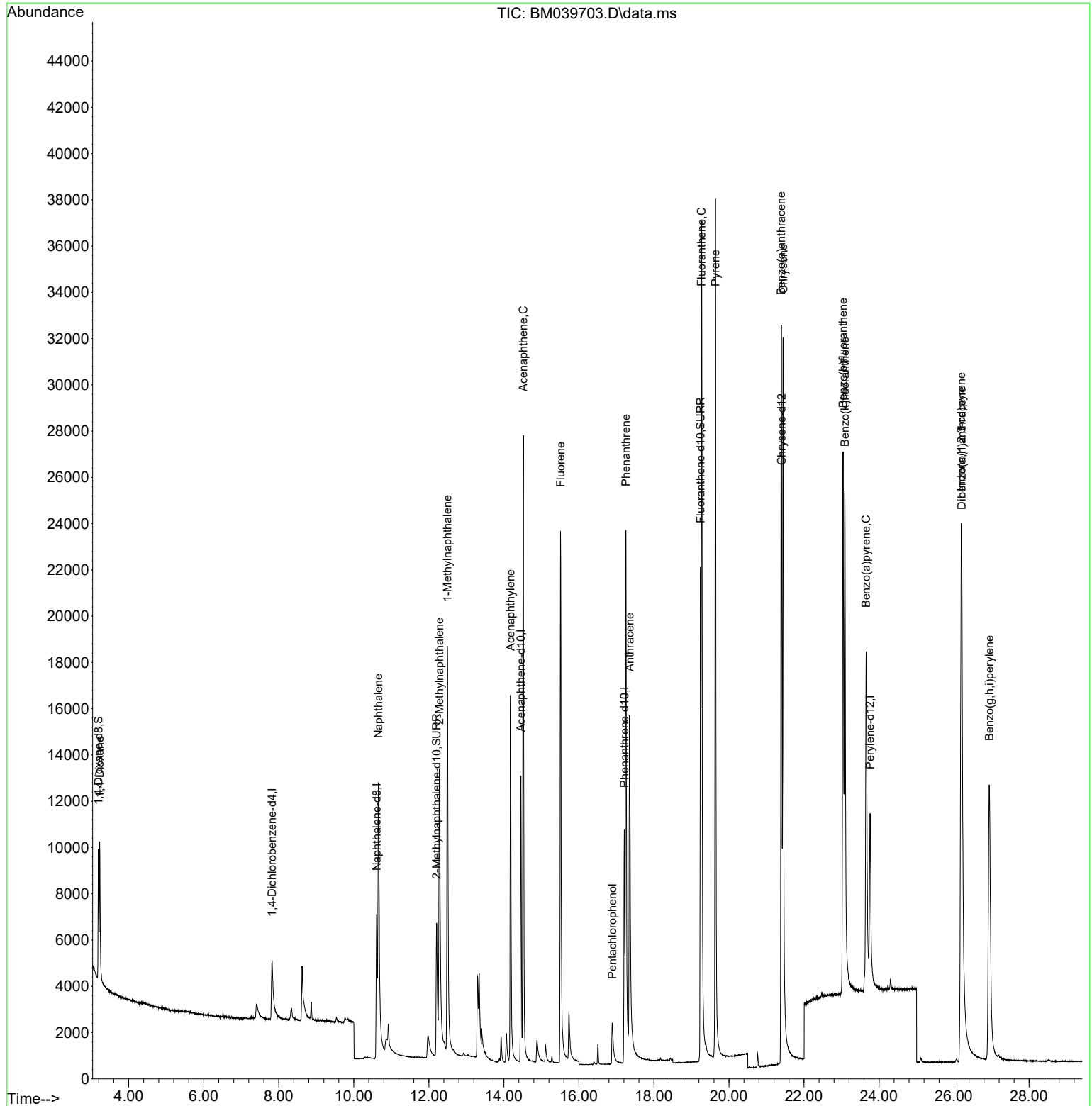
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	3327	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	13112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	7649	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	14933	0.400	ng/ul	0.00
17) Chrysene-d12	21.405	240	14188	0.400	ng/ul	0.00
23) Perylene-d12	23.761	264	12421	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3777	0.770	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	12841	0.763	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	27891	0.731	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	4002	0.788	ng/ul#	71
5) Naphthalene	10.655	128	25064	0.761	ng/ul	98
7) 2-Methylnaphthalene	12.278	142	14548	0.766	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	15608	0.766	ng/ul	100
10) Acenaphthylene	14.178	152	22460	0.759	ng/ul	99
11) Acenaphthene	14.515	153	17735	0.763	ng/ul	99
12) Fluorene	15.510	166	19632	0.761	ng/ul	99
14) Pentachlorophenol	16.892	266	2421	0.744	ng/ul	99
15) Phenanthrene	17.250	178	29906	0.760	ng/ul	99
16) Anthracene	17.348	178	25568	0.757	ng/ul	98
19) Fluoranthene	19.271	202	36598	0.723	ng/ul	99
20) Pyrene	19.638	202	39241	0.718	ng/ul	99
21) Benzo(a)anthracene	21.391	228	30445	0.746	ng/ul	99
22) Chrysene	21.443	228	34518	0.748	ng/ul	99
24) Benzo(b)fluoranthene	23.042	252	33767	0.774	ng/ul	95
25) Benzo(k)fluoranthene	23.089	252	34370	0.774	ng/ul	95
26) Benzo(a)pyrene	23.656	252	30331	0.774	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.191	276	39084	0.789	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.204	278	30346	0.789	ng/ul	94
29) Benzo(g,h,i)perylene	26.939	276	33859	0.785	ng/ul	98

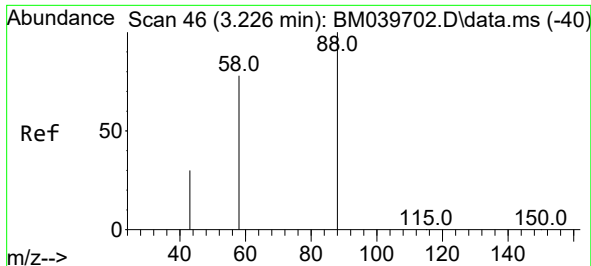
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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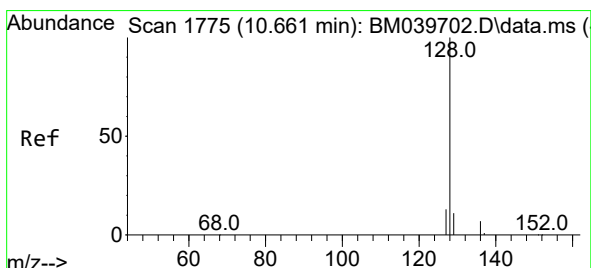
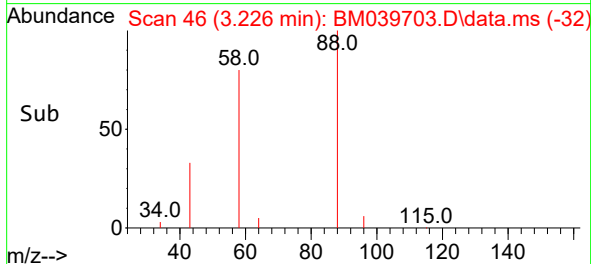
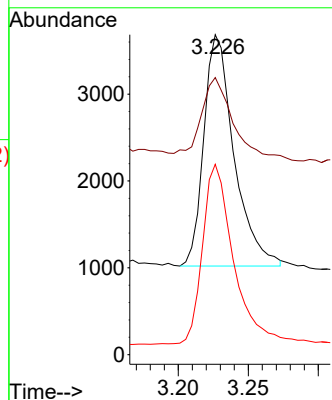
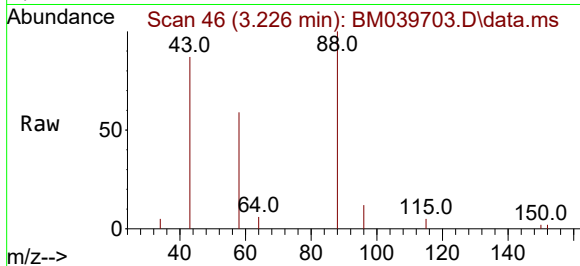




#2
1,4-Dioxane
Concen: 0.788 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. -0.000 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

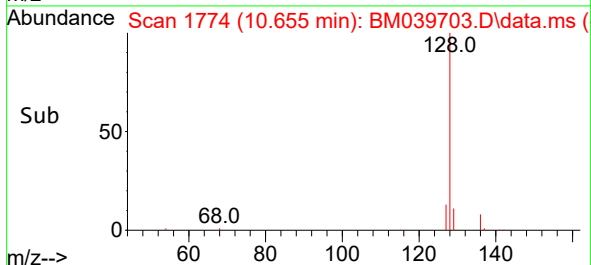
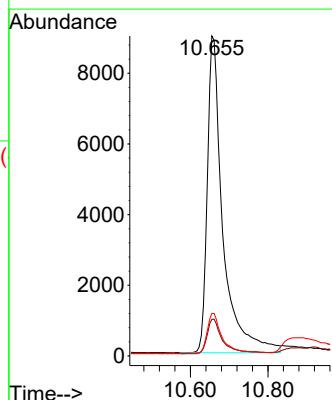
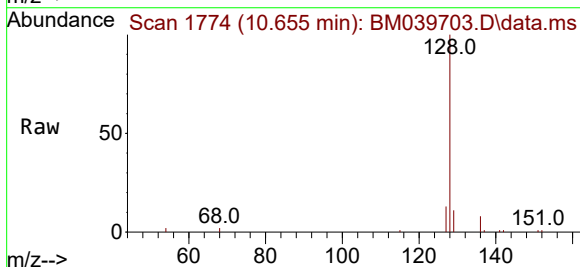
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

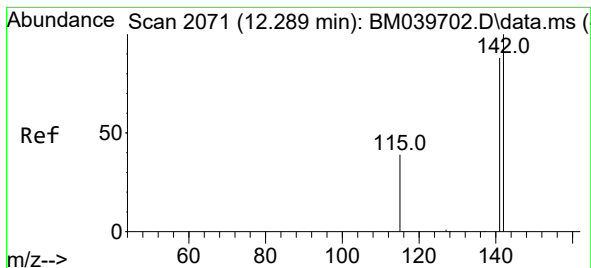
Tgt Ion: 88 Resp: 4002
Ion Ratio Lower Upper
88 100
43 86.6 102.6 153.8#
58 59.5 40.6 61.0



#5
Naphthalene
Concen: 0.761 ng/ul
RT: 10.655 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion: 128 Resp: 25064
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.3 11.1 16.7

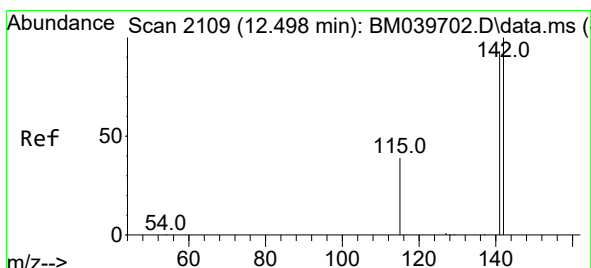
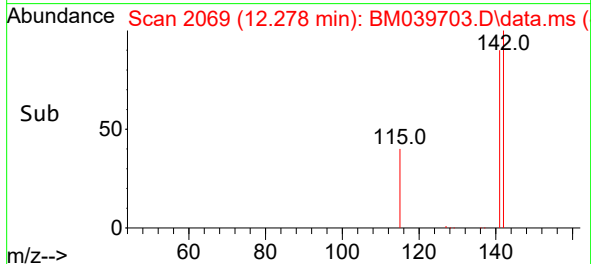
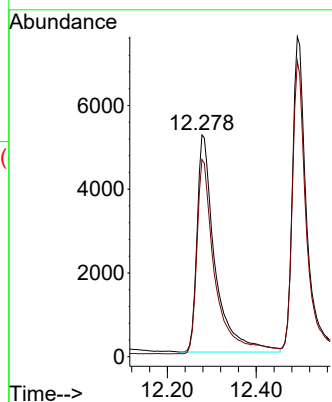
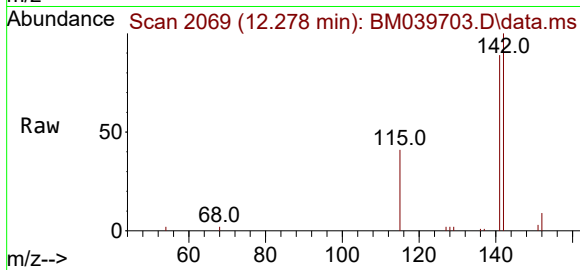




#7
2-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.278 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

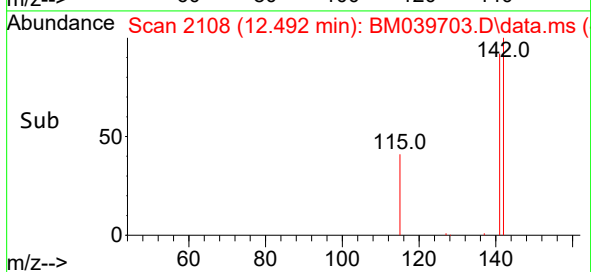
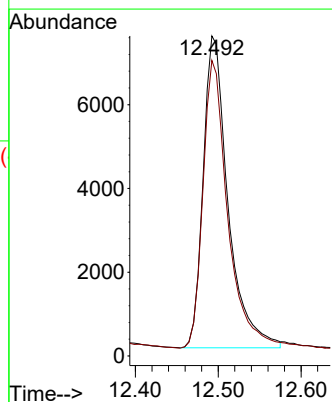
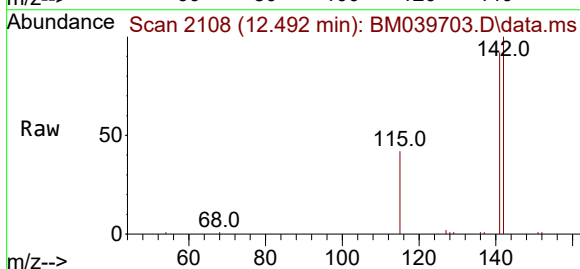
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

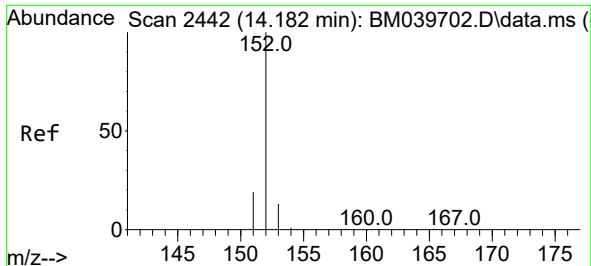
Tgt Ion:142 Resp: 14548
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion:142 Resp: 15608
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2

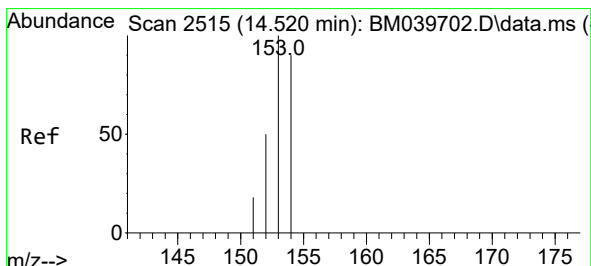
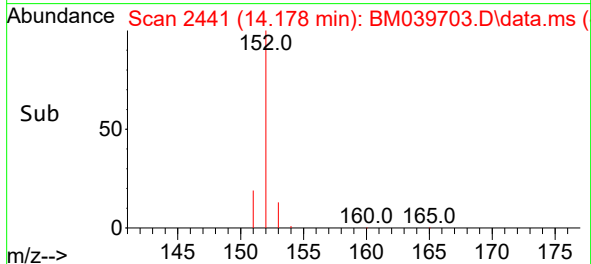
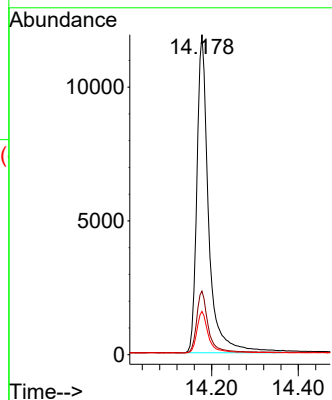
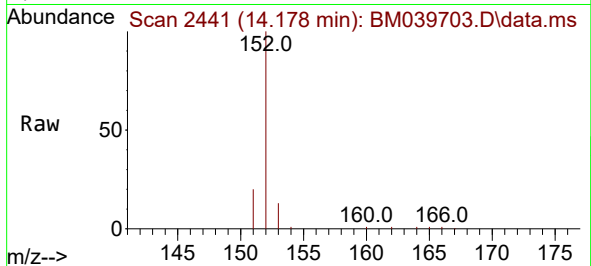




#10
Acenaphthylene
Concen: 0.759 ng/ul
RT: 14.178 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

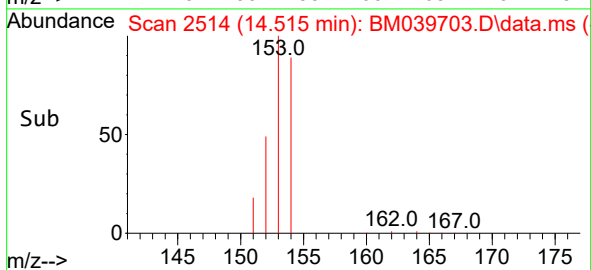
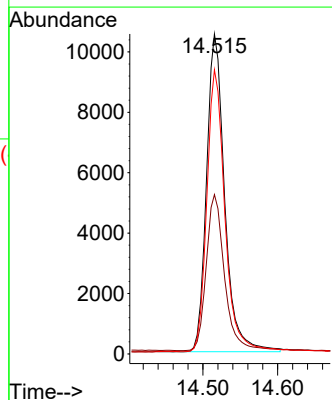
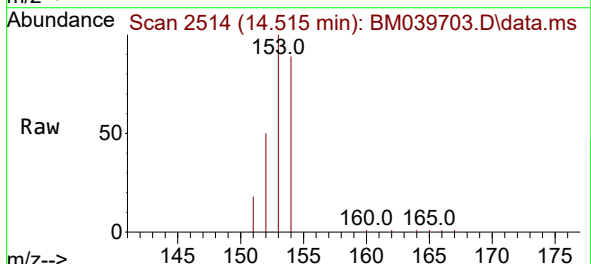
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

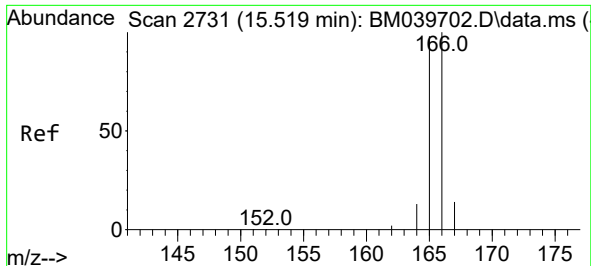
Tgt Ion:152 Resp: 22460
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.763 ng/ul
RT: 14.515 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion:153 Resp: 17735
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 88.8 71.9 107.9

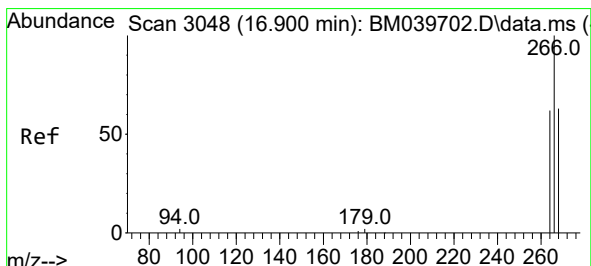
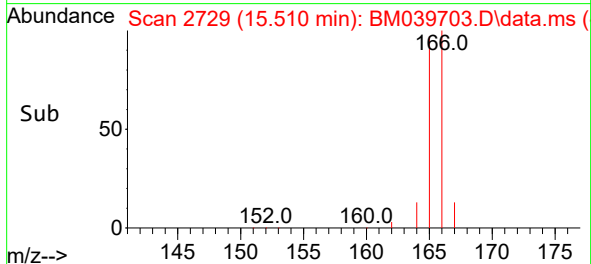
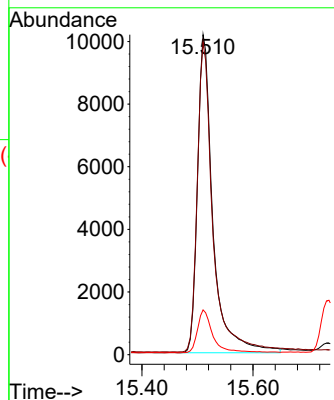
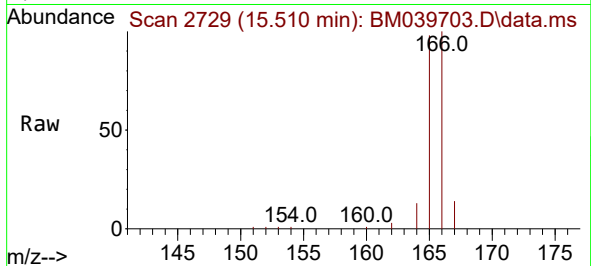




#12
Fluorene
Concen: 0.761 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

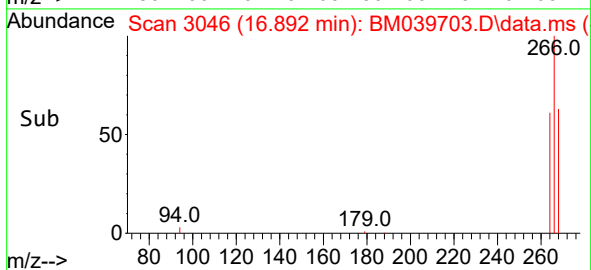
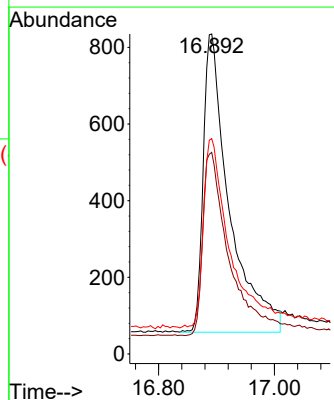
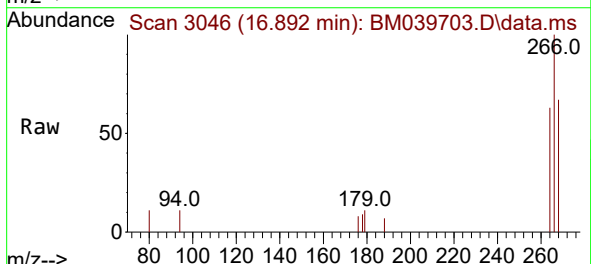
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

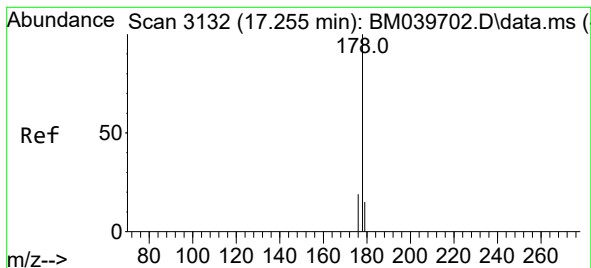
Tgt Ion:166 Resp: 19632
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 14.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.744 ng/ul
RT: 16.892 min Scan# 3046
Delta R.T. -0.008 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion:266 Resp: 2421
Ion Ratio Lower Upper
266 100
264 62.7 48.8 73.2
268 63.6 50.4 75.6





#15

Phenanthrene

Concen: 0.760 ng/ul

RT: 17.250 min Scan# 3132

Delta R.T. -0.004 min

Lab File: BM039703.D

Acq: 27 Apr 2023 11:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

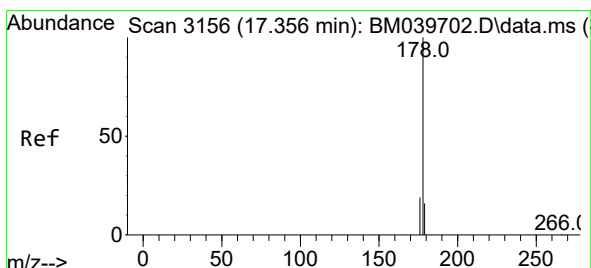
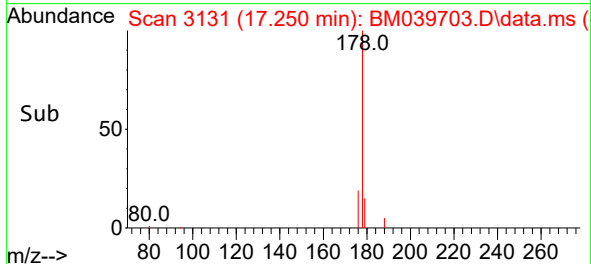
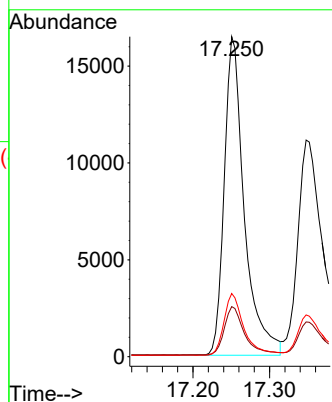
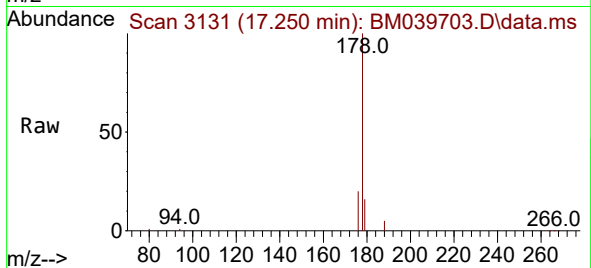
Tgt Ion:178 Resp: 29906

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

176 19.7 15.8 23.8



#16

Anthracene

Concen: 0.757 ng/ul

RT: 17.348 min Scan# 3154

Delta R.T. -0.008 min

Lab File: BM039703.D

Acq: 27 Apr 2023 11:48

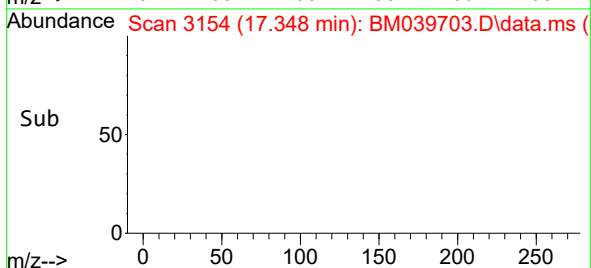
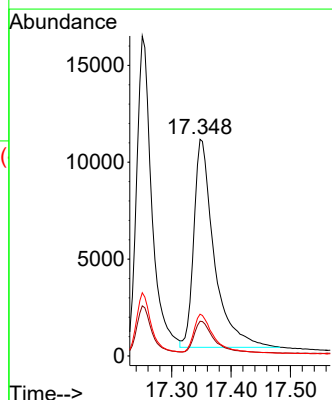
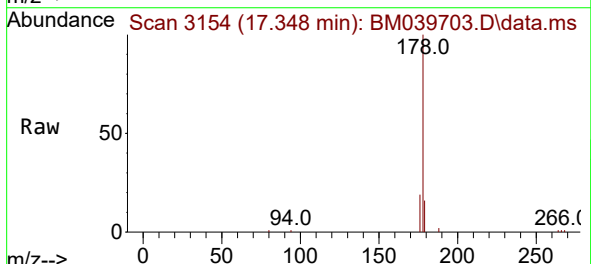
Tgt Ion:178 Resp: 25568

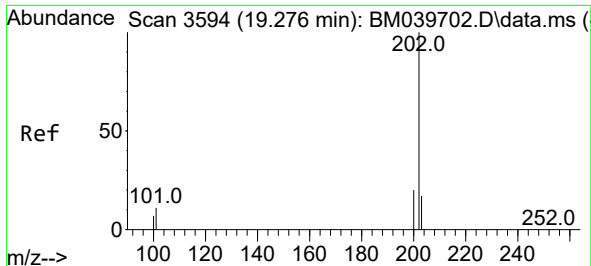
Ion Ratio Lower Upper

178 100

179 16.0 13.8 20.6

176 19.2 15.8 23.8

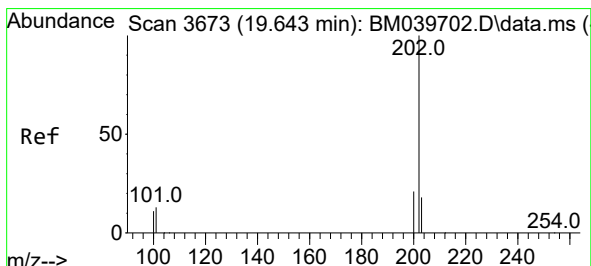
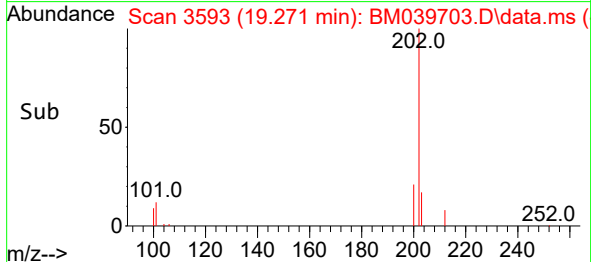
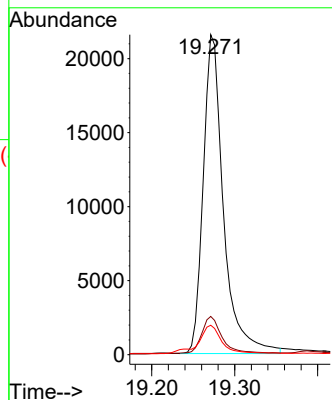
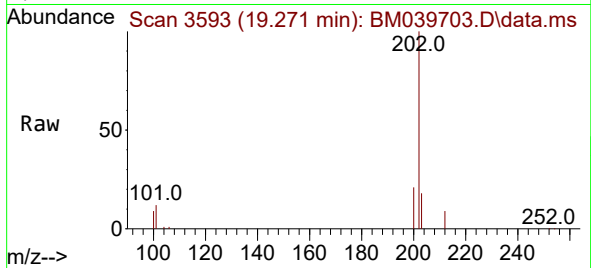




#19
Fluoranthene
Concen: 0.723 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

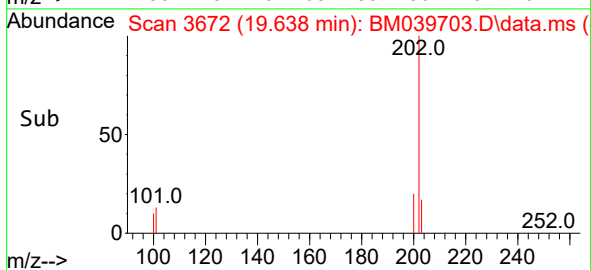
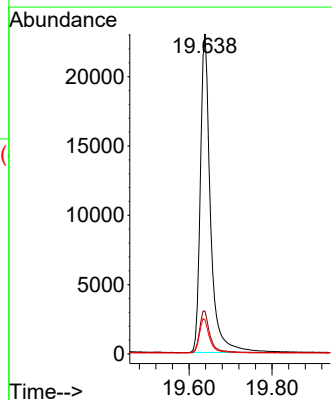
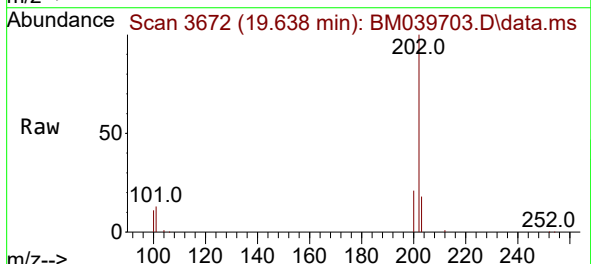
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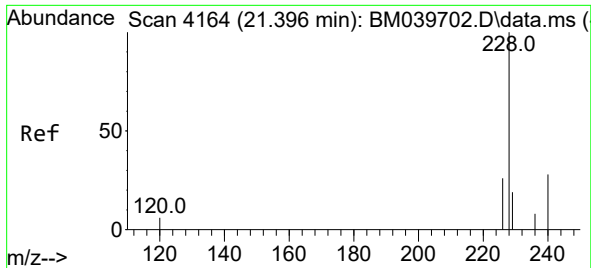
Tgt Ion:202 Resp: 36598
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.718 ng/ul
RT: 19.638 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

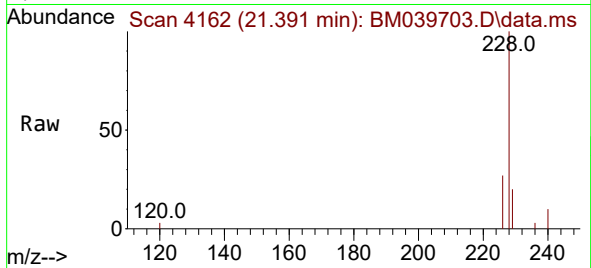
Tgt Ion:202 Resp: 39241
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.7 8.9 13.3



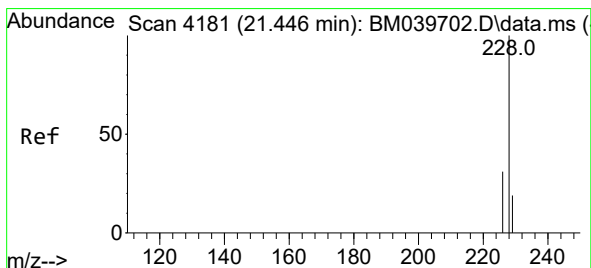
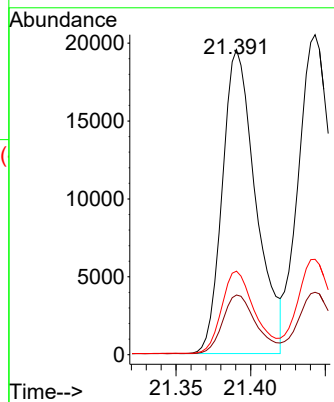
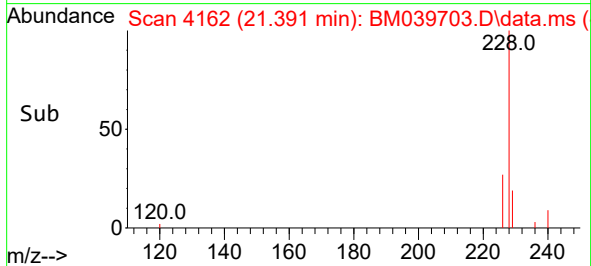


#21
Benzo(a)anthracene
Concen: 0.746 ng/ul
RT: 21.391 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

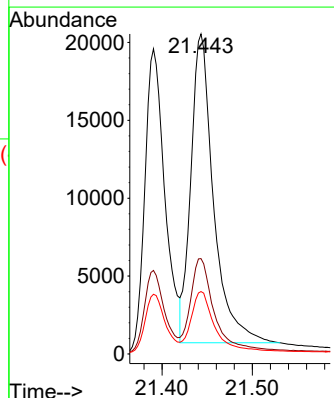
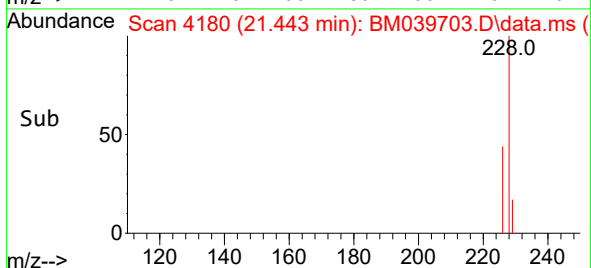
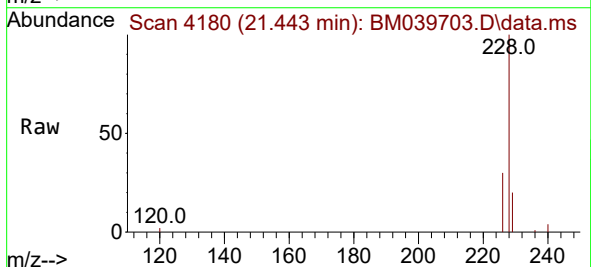


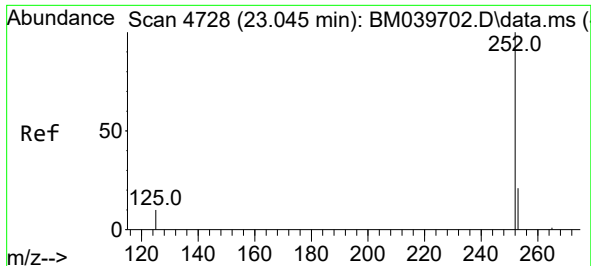
Tgt Ion:228 Resp: 30445
Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.4 21.6 32.4



#22
Chrysene
Concen: 0.748 ng/ul
RT: 21.443 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

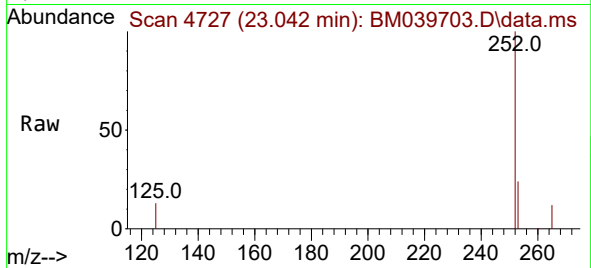
Tgt Ion:228 Resp: 34518
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.5 15.9 23.9



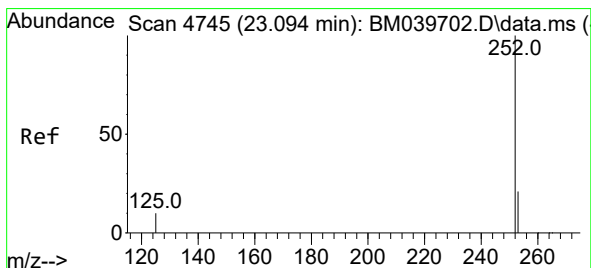
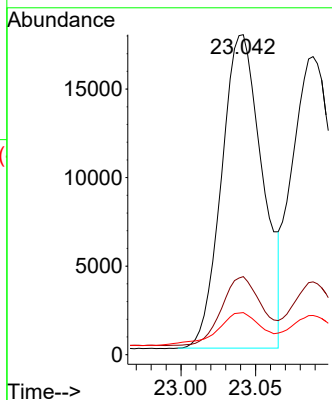


#24
Benzo(b)fluoranthene
Concen: 0.774 ng/ul
RT: 23.042 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

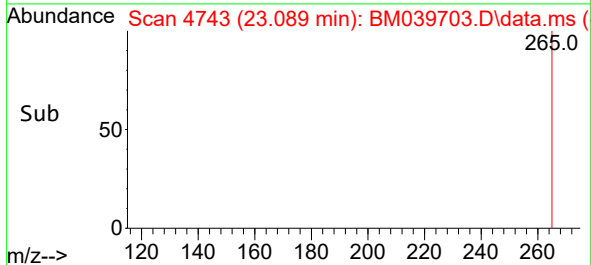
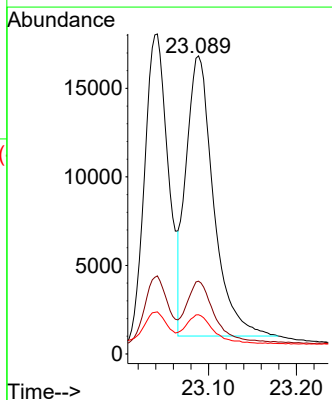
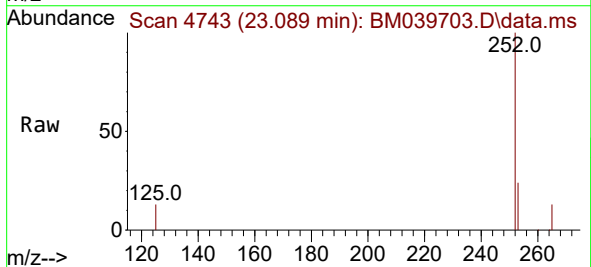


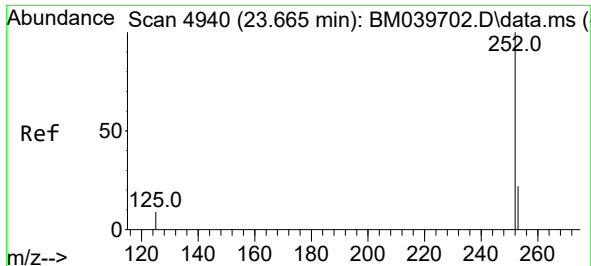
Tgt Ion:252 Resp: 33767
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.8
125 13.1 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.774 ng/ul
RT: 23.089 min Scan# 4743
Delta R.T. -0.006 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

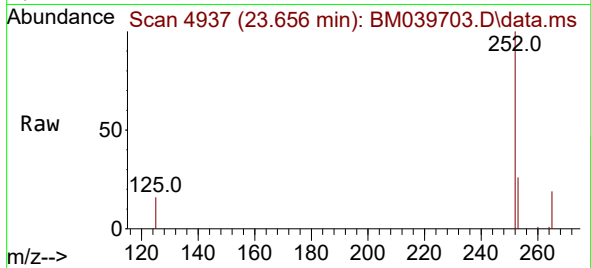
Tgt Ion:252 Resp: 34370
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 13.2 13.0 19.6



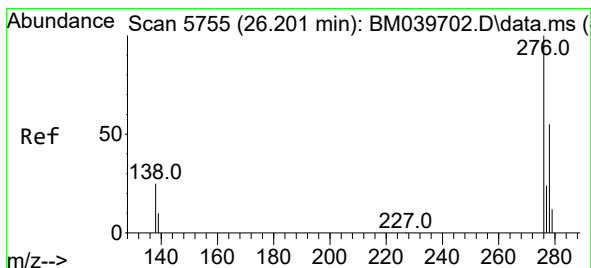
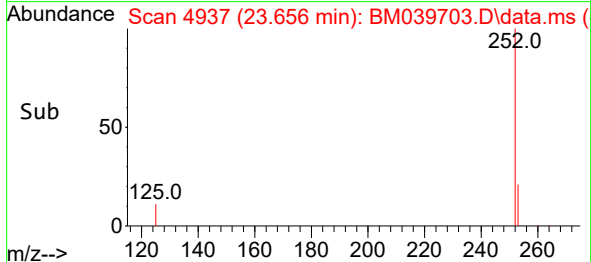
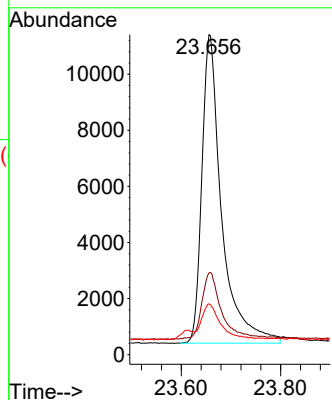


#26
Benzo(a)pyrene
Concen: 0.774 ng/ul
RT: 23.656 min Scan# 4937
Delta R.T. -0.009 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

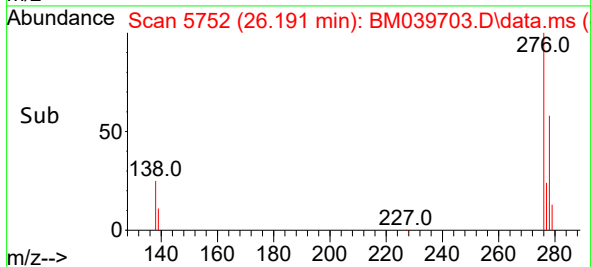
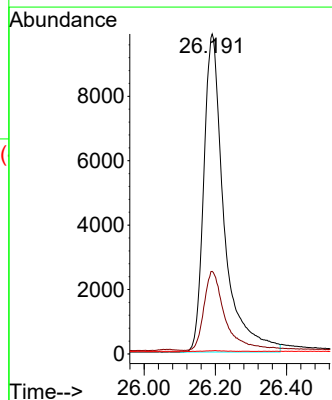
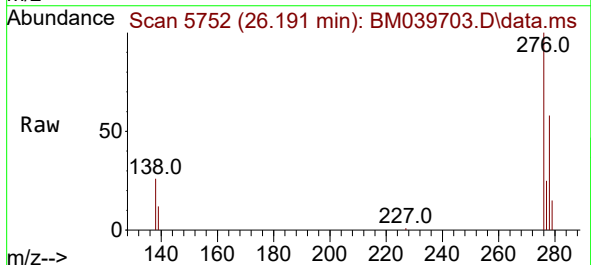


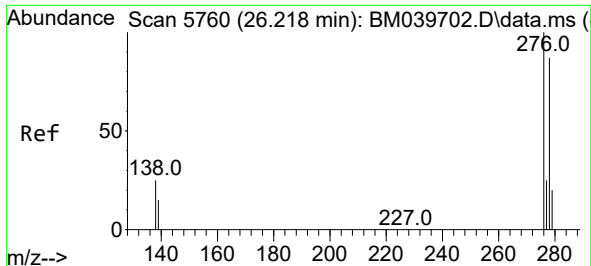
Tgt Ion:252 Resp: 30331
Ion Ratio Lower Upper
252 100
253 25.5 24.7 37.1
125 15.9 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.789 ng/ul
RT: 26.191 min Scan# 5752
Delta R.T. -0.010 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion:276 Resp: 39084
Ion Ratio Lower Upper
276 100
138 26.1 21.1 31.7
227 0.2 0.1 0.1#

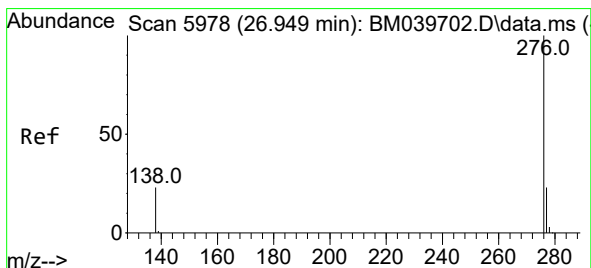
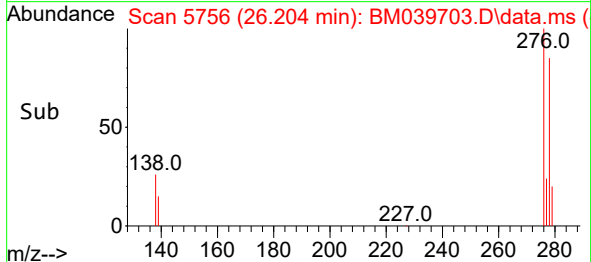
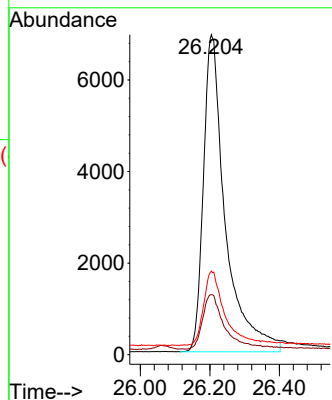
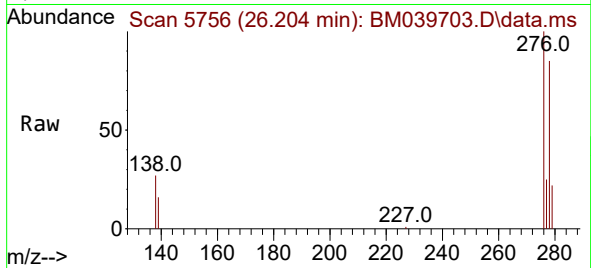




#28
Dibenzo(a,h)anthracene
Concen: 0.789 ng/ul
RT: 26.204 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:278 Resp: 30346
Ion Ratio Lower Upper
278 100
139 18.7 17.0 25.6
279 26.1 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.785 ng/ul
RT: 26.939 min Scan# 5975
Delta R.T. -0.010 min
Lab File: BM039703.D
Acq: 27 Apr 2023 11:48

Tgt Ion:276 Resp: 33859
Ion Ratio Lower Upper
276 100
138 23.9 20.1 30.1
277 24.6 20.1 30.1

