

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038852.D
 Acq On : 03 Mar 2023 09:54
 Operator : CG/JU
 Sample : SSTD0.235
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2002

Quant Time: Mar 03 21:52:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 21:49:51 2023
 Response via : Initial Calibration

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

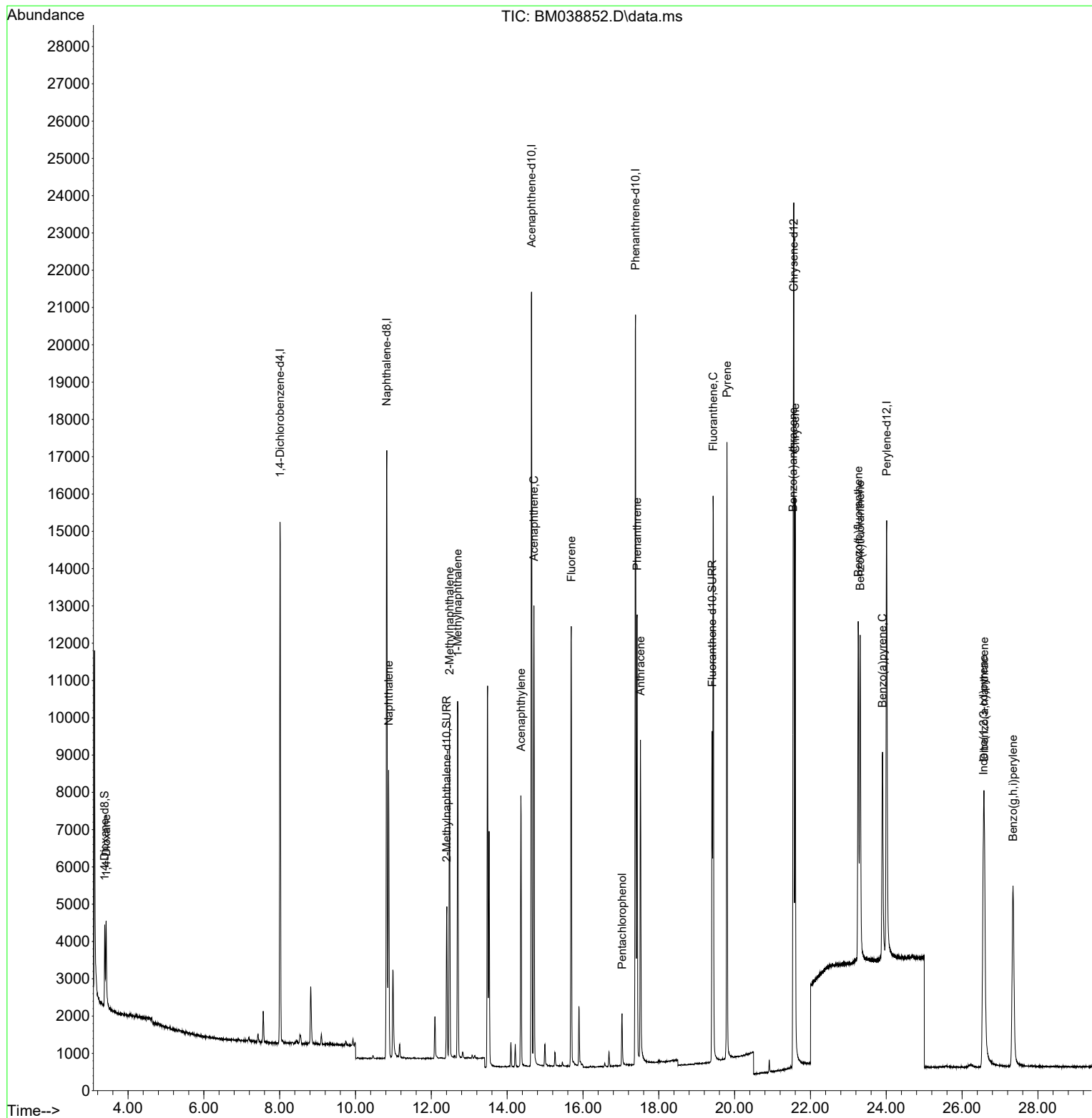
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	6876	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	22051	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	11468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	24102	0.400	ng/ul	0.00
17) Chrysene-d12	21.560	240	19724	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	17217	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	1659	0.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	5199	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	9579	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.424	88	1498	0.216	ng/ul#	84
5) Naphthalene	10.875	128	10435	0.193	ng/ul	99
7) 2-Methylnaphthalene	12.481	142	6247	0.162	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	6567	0.166	ng/ul	98
10) Acenaphthylene	14.363	152	8142	0.167	ng/ul	98
11) Acenaphthene	14.705	153	6771	0.182	ng/ul	99
12) Fluorene	15.691	166	7505	0.169	ng/ul	99
14) Pentachlorophenol	17.031	266	1012	0.151	ng/ul	96
15) Phenanthrene	17.428	178	12524	0.174	ng/ul	99
16) Anthracene	17.517	178	9901	0.150	ng/ul	99
19) Fluoranthene	19.434	202	13315	0.171	ng/ul	97
20) Pyrene	19.796	202	13766	0.165	ng/ul	100
21) Benzo(a)anthracene	21.543	228	10846	0.164	ng/ul	99
22) Chrysene	21.598	228	13421	0.194	ng/ul	100
24) Benzo(b)fluoranthene	23.261	252	13164	0.212	ng/ul	95
25) Benzo(k)fluoranthene	23.311	252	12506	0.203	ng/ul	95
26) Benzo(a)pyrene	23.902	252	10162	0.183	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.563	276	12433	0.144	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.583	278	9365	0.138	ng/ul	95
29) Benzo(g,h,i)perylene	27.345	276	11720	0.151	ng/ul	98

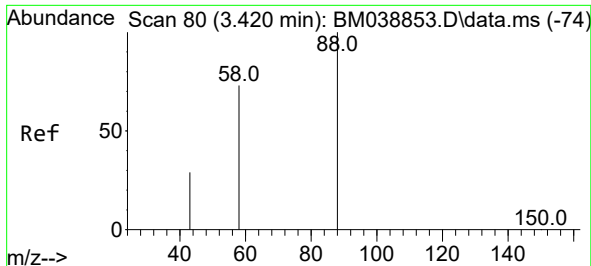
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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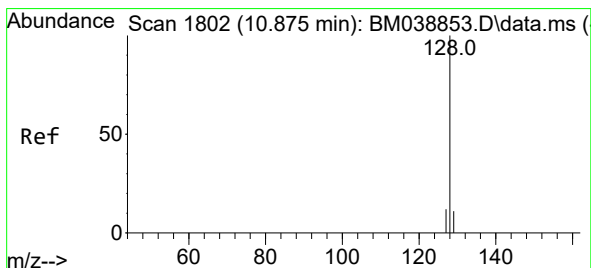
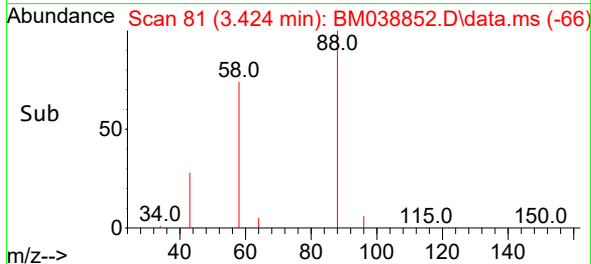
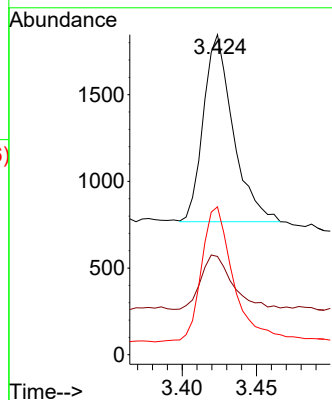
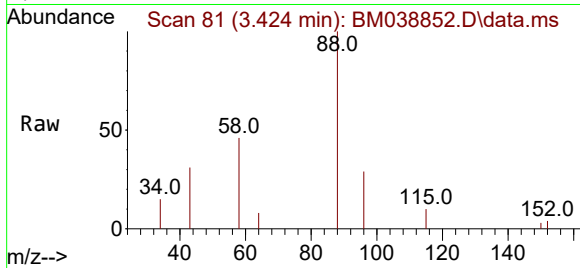




#2
1,4-Dioxane
Concen: 0.216 ng/ul
RT: 3.424 min Scan# 81
Delta R.T. 0.004 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

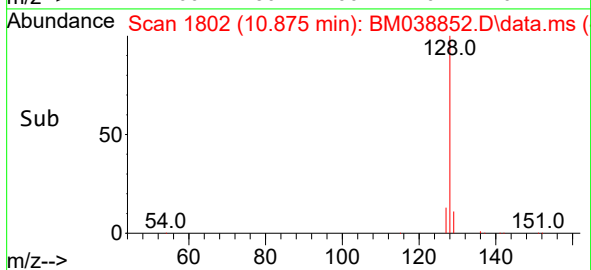
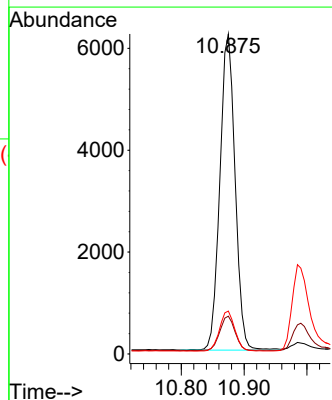
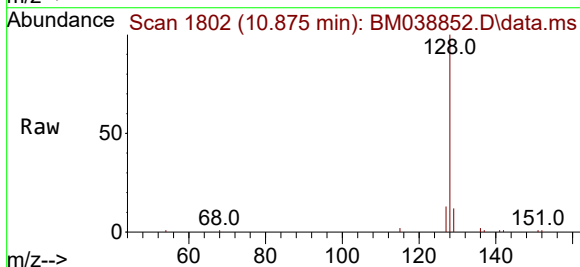
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

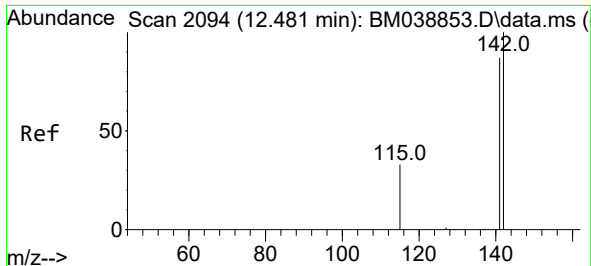
Tgt Ion: 88 Resp: 1498
Ion Ratio Lower Upper
88 100
43 30.7 27.2 40.8
58 46.2 50.8 76.2#



#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion: 128 Resp: 10435
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.4 10.3 15.5

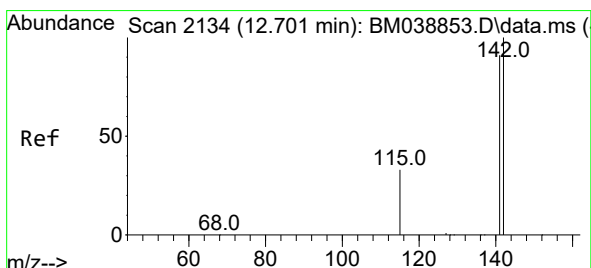
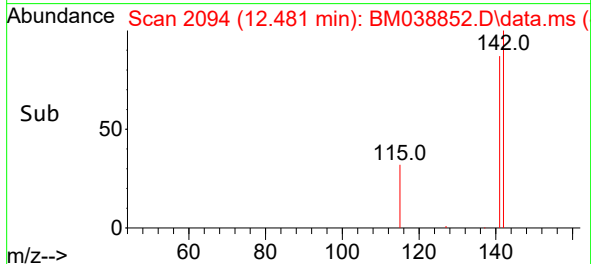
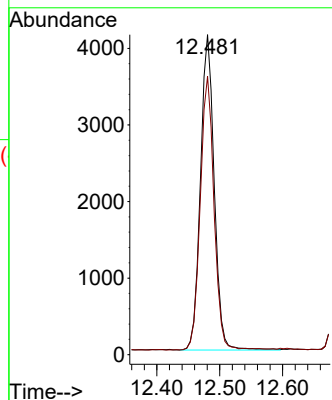
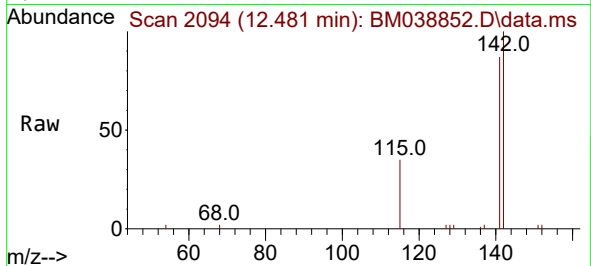




#7
2-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

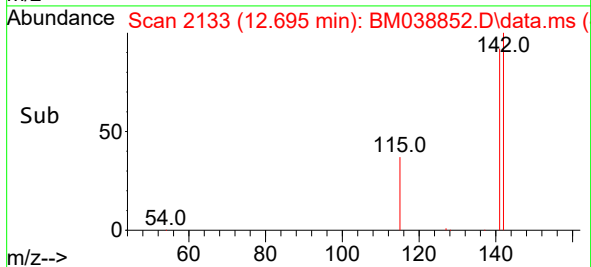
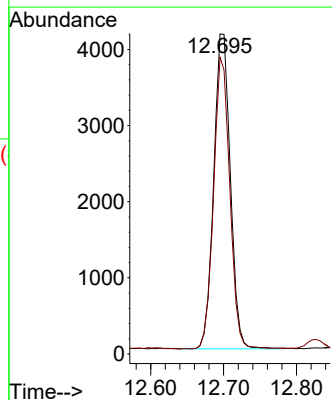
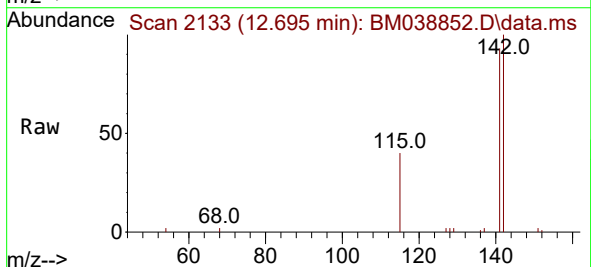
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

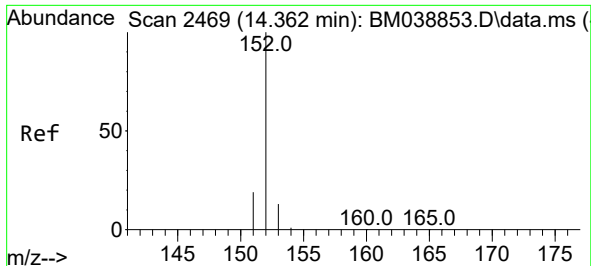
Tgt Ion:142 Resp: 6247
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.695 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:142 Resp: 6567
Ion Ratio Lower Upper
142 100
141 90.3 73.5 110.3

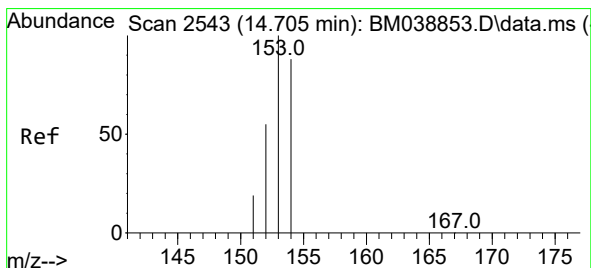
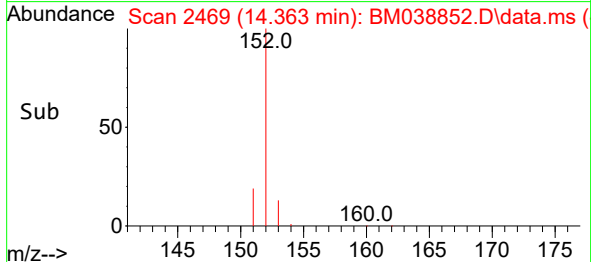
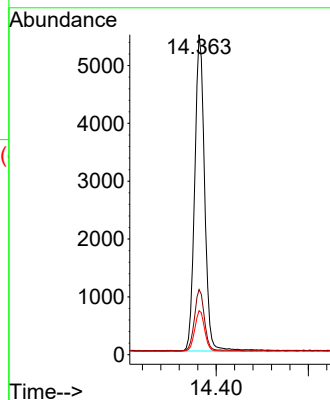
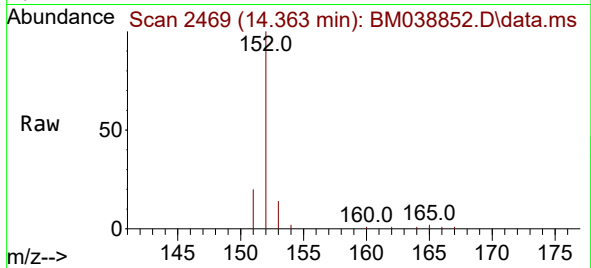




#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. 0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

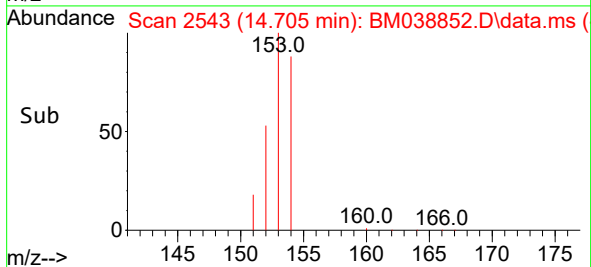
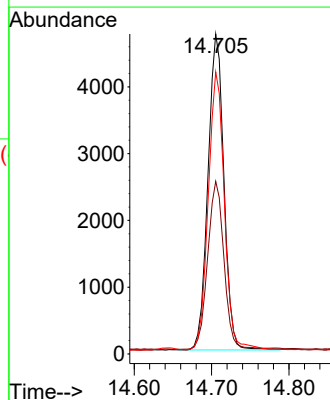
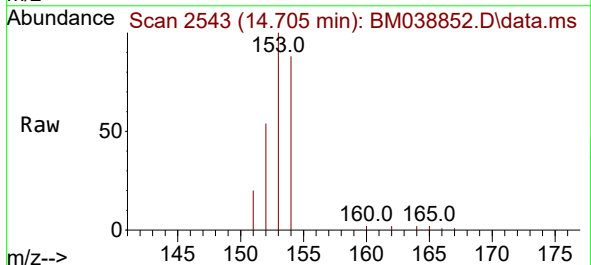
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

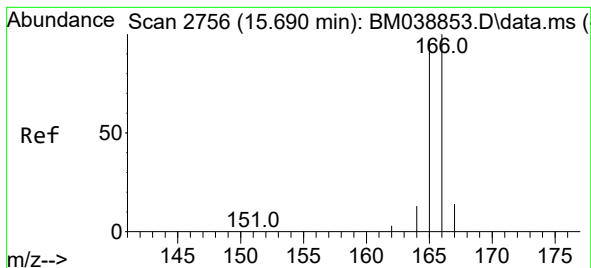
Tgt Ion:	152	Resp:	8142
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.6	23.4
153	13.8	10.6	15.8



#11
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. 0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:	153	Resp:	6771
Ion Ratio	Lower	Upper	
153	100		
152	54.0	44.2	66.2
154	88.1	70.6	105.8





#12

Fluorene

Concen: 0.169 ng/ul

RT: 15.691 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM038852.D

Acq: 03 Mar 2023 09:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

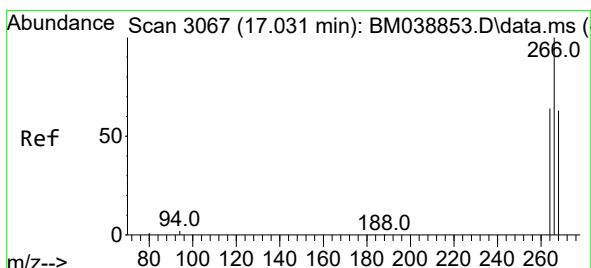
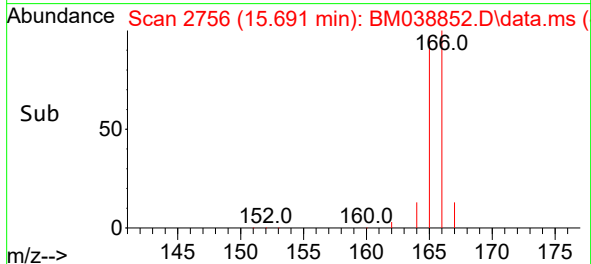
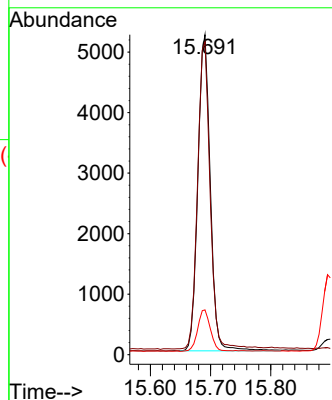
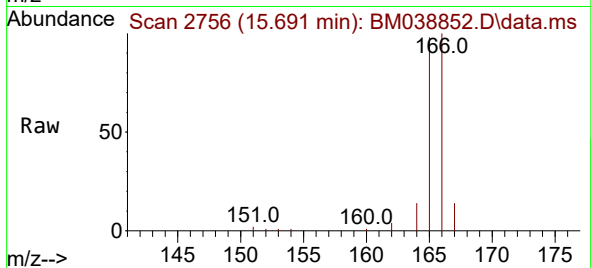
Tgt Ion:166 Resp: 7505

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 14.0 11.4 17.2



#14

Pentachlorophenol

Concen: 0.151 ng/ul

RT: 17.031 min Scan# 3067

Delta R.T. 0.001 min

Lab File: BM038852.D

Acq: 03 Mar 2023 09:54

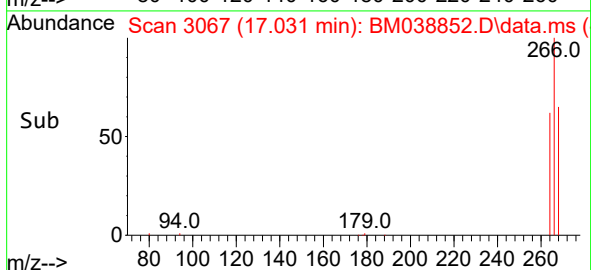
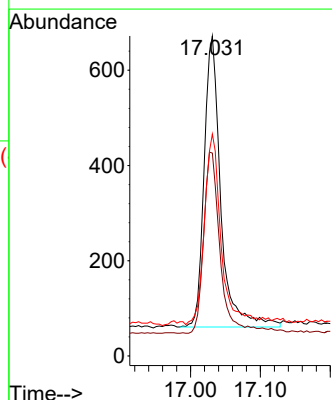
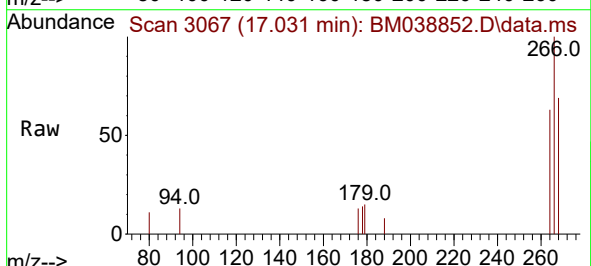
Tgt Ion:266 Resp: 1012

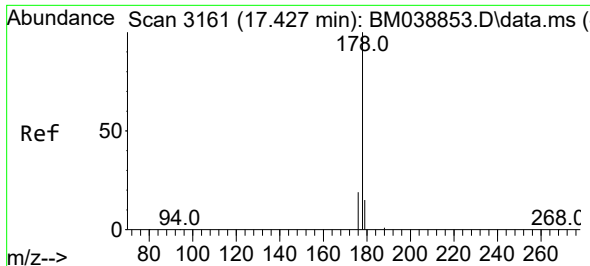
Ion Ratio Lower Upper

266 100

264 62.4 50.2 75.2

268 68.6 50.2 75.4

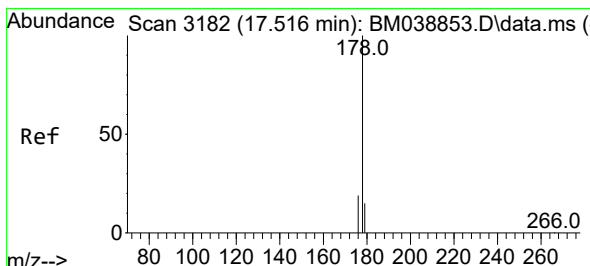
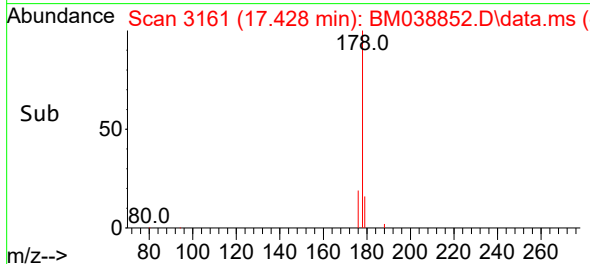
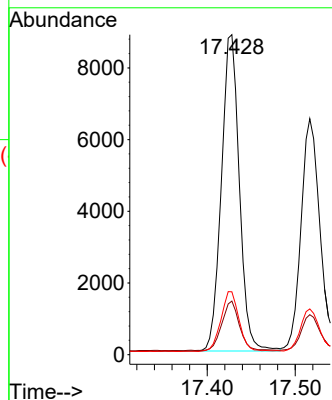
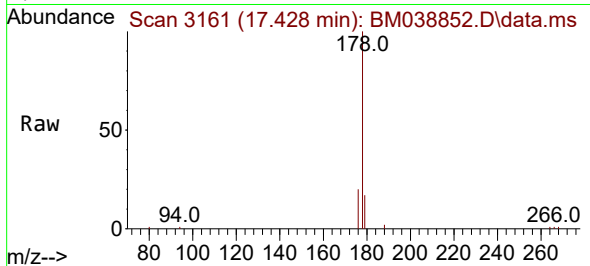




#15
Phenanthrene
Concen: 0.174 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

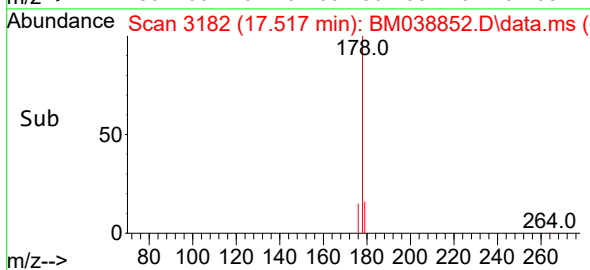
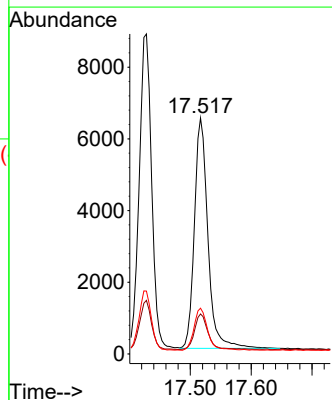
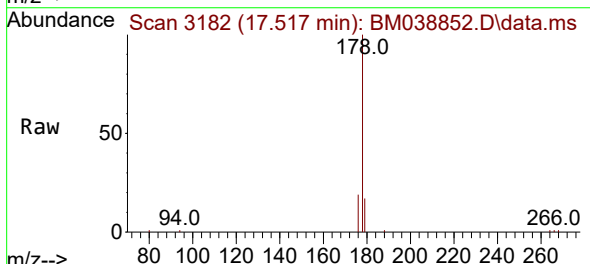
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SSTD0.2002

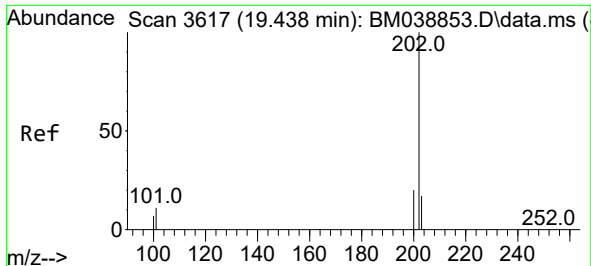
Tgt Ion:178 Resp: 12524
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.150 ng/ul
RT: 17.517 min Scan# 3182
Delta R.T. 0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:178 Resp: 9901
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 19.4 15.4 23.2

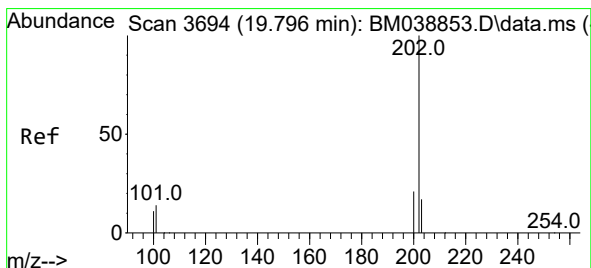
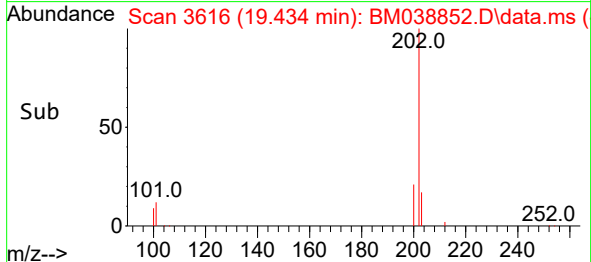
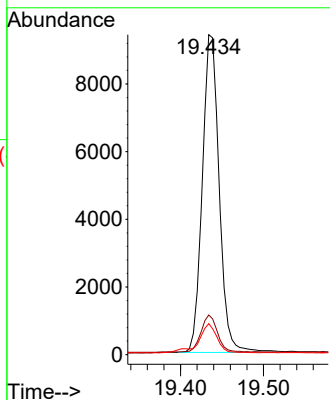
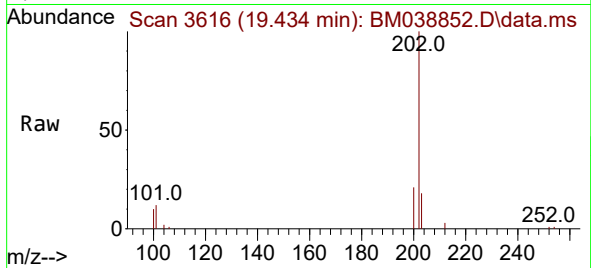




#19
Fluoranthene
Concen: 0.171 ng/ul
RT: 19.434 min Scan# 3616
Delta R.T. -0.004 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

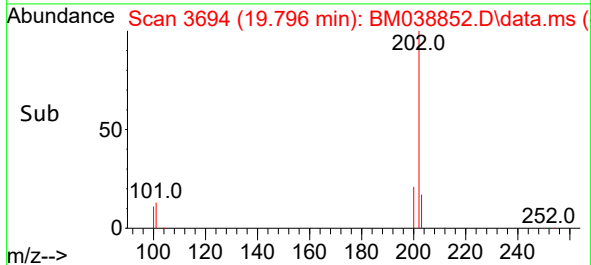
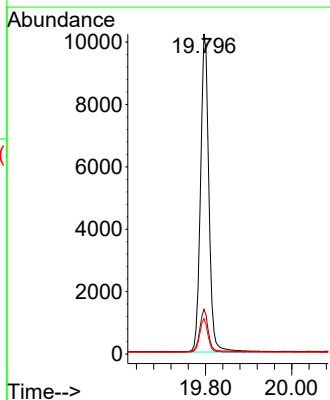
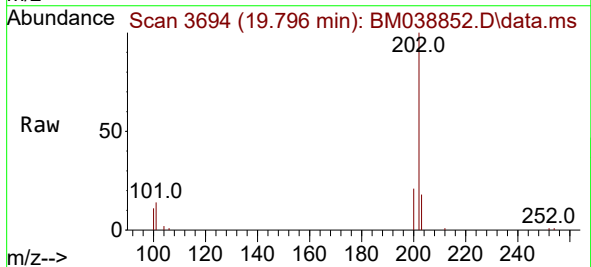
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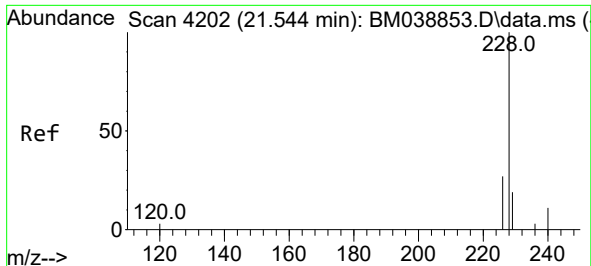
Tgt Ion:202 Resp: 13315
Ion Ratio Lower Upper
202 100
101 12.4 8.9 13.3
100 9.7 6.8 10.2



#20
Pyrene
Concen: 0.165 ng/ul
RT: 19.796 min Scan# 3694
Delta R.T. 0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

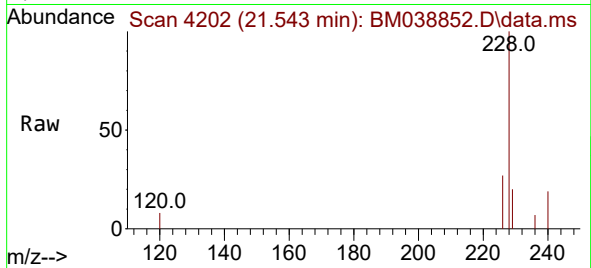
Tgt Ion:202 Resp: 13766
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.1 9.0 13.6



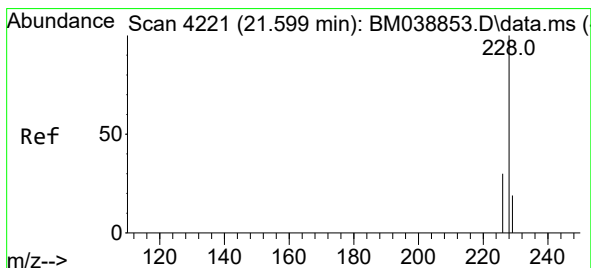
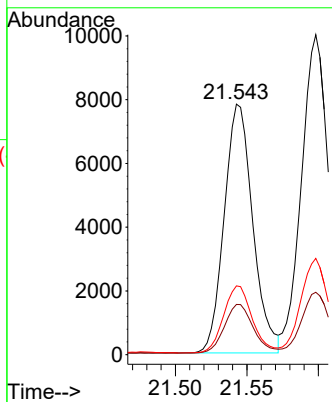
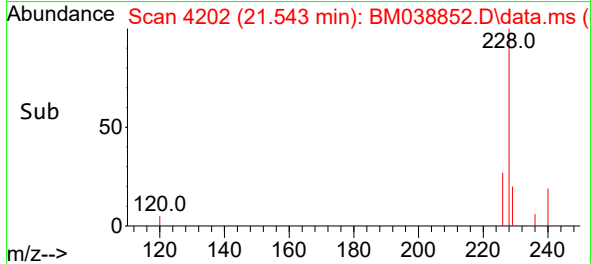


#21
Benzo(a)anthracene
Concen: 0.164 ng/ul
RT: 21.543 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

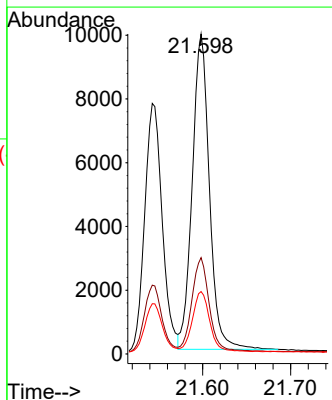
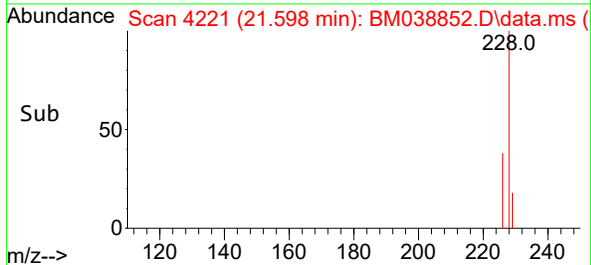
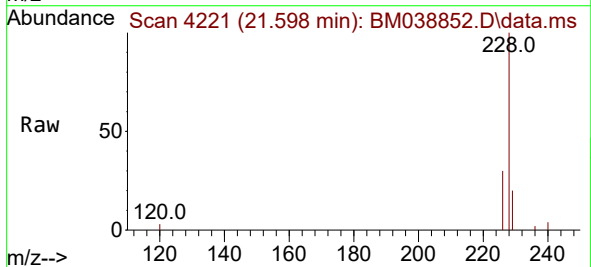


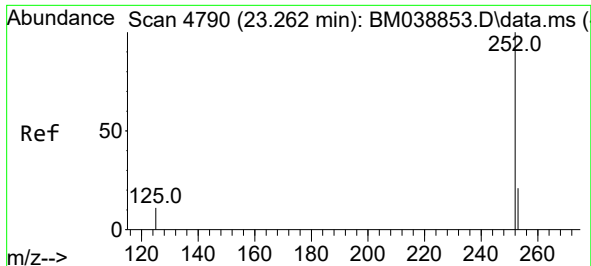
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Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.194 ng/ul
RT: 21.598 min Scan# 4221
Delta R.T. -0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:228 Resp: 13421
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.5 15.7 23.5

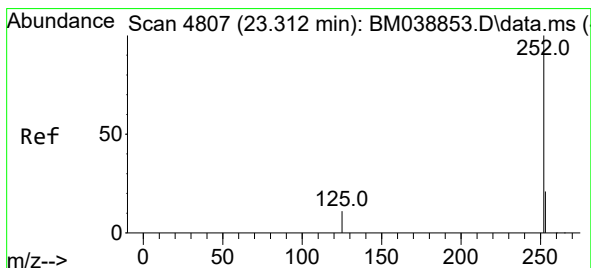
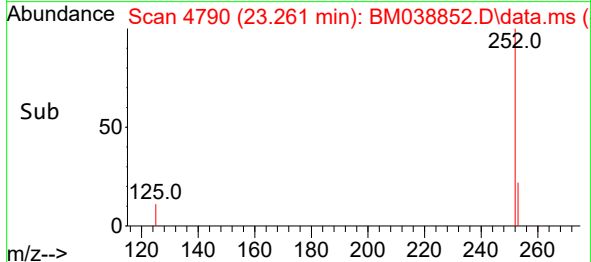
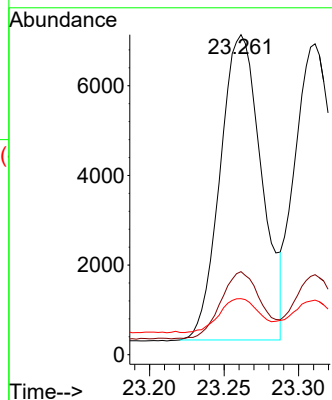
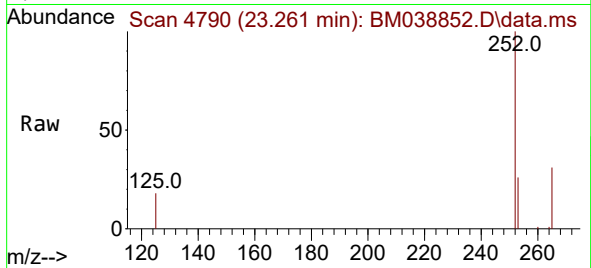




#24
Benzo(b)fluoranthene
Concen: 0.212 ng/ul
RT: 23.261 min Scan# 4790
Delta R.T. -0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

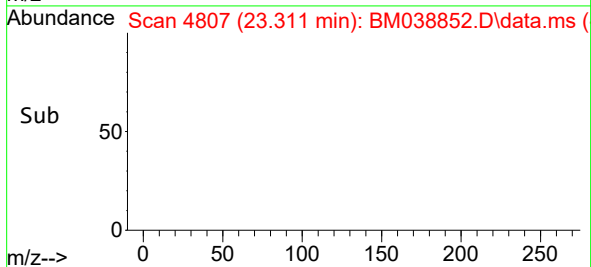
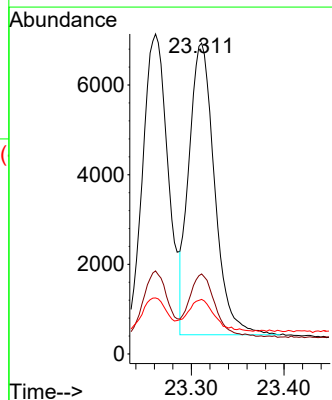
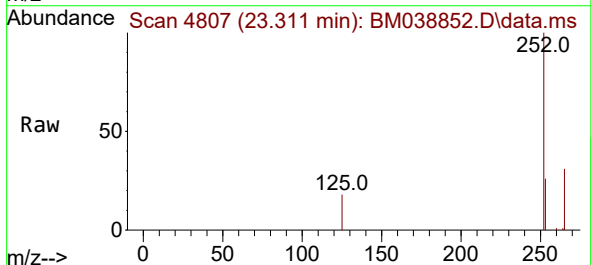
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

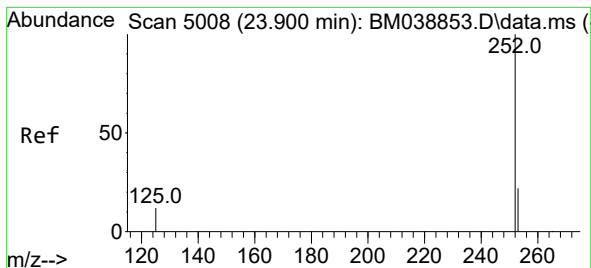
Tgt Ion:252 Resp: 13164
Ion Ratio Lower Upper
252 100
253 26.0 0.0 47.6
125 17.5 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul
RT: 23.311 min Scan# 4807
Delta R.T. -0.001 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:252 Resp: 12506
Ion Ratio Lower Upper
252 100
253 25.7 19.2 28.8
125 17.5 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.183 ng/ul

RT: 23.902 min Scan# 5008

Delta R.T. 0.002 min

Lab File: BM038852.D

Acq: 03 Mar 2023 09:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

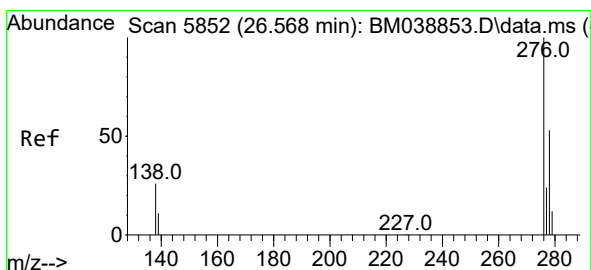
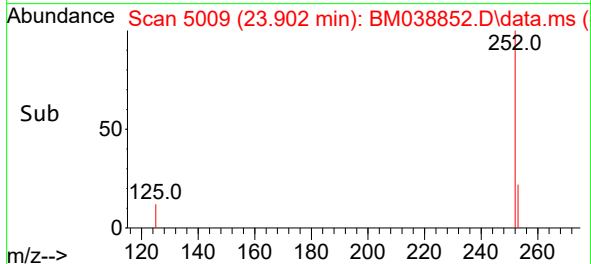
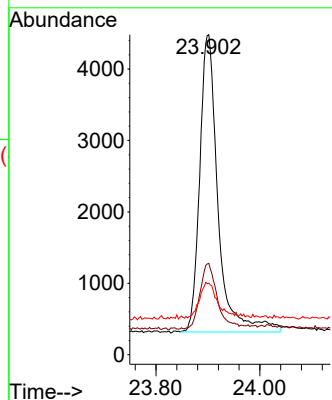
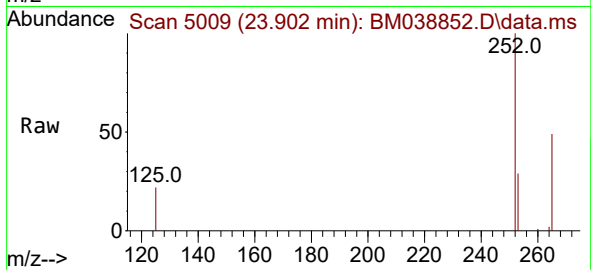
Tgt Ion:252 Resp: 10162

Ion Ratio Lower Upper

252 100

253 28.6 20.3 30.5

125 22.4 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.144 ng/ul

RT: 26.563 min Scan# 5851

Delta R.T. -0.004 min

Lab File: BM038852.D

Acq: 03 Mar 2023 09:54

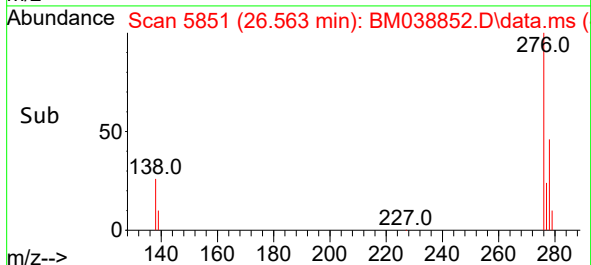
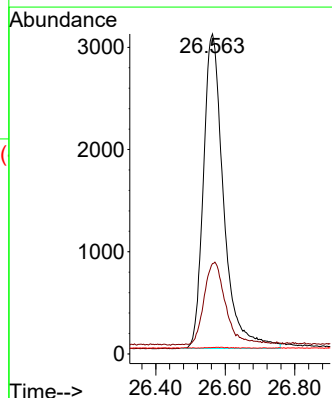
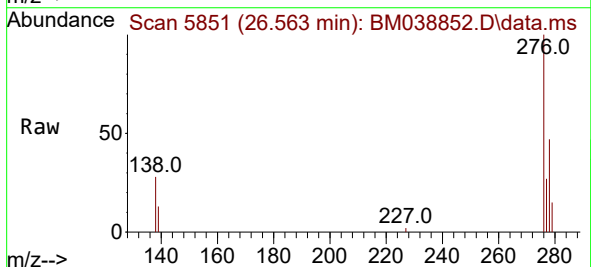
Tgt Ion:276 Resp: 12433

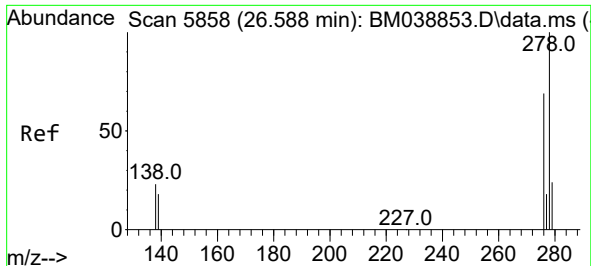
Ion Ratio Lower Upper

276 100

138 27.6 22.2 33.4

227 0.1 0.2 0.2#

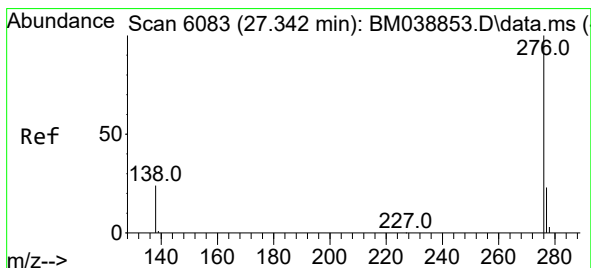
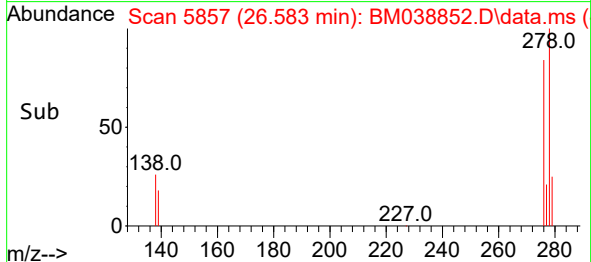
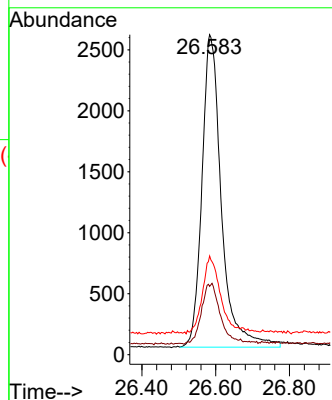
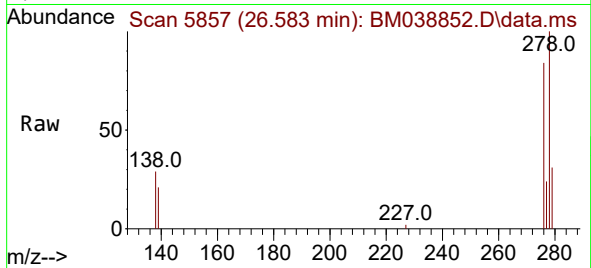




#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.583 min Scan# 5857
Delta R.T. -0.004 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 9365
Ion Ratio Lower Upper
278 100
139 21.3 16.0 24.0
279 30.9 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul
RT: 27.345 min Scan# 6084
Delta R.T. 0.002 min
Lab File: BM038852.D
Acq: 03 Mar 2023 09:54

Tgt Ion:276 Resp: 11720
Ion Ratio Lower Upper
276 100
138 26.9 20.2 30.4
277 25.7 19.8 29.8

