

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038853.D
 Acq On : 03 Mar 2023 10:31
 Operator : CG/JU
 Sample : SSTD0.436
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4003

Quant Time: Mar 03 21:52:29 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)

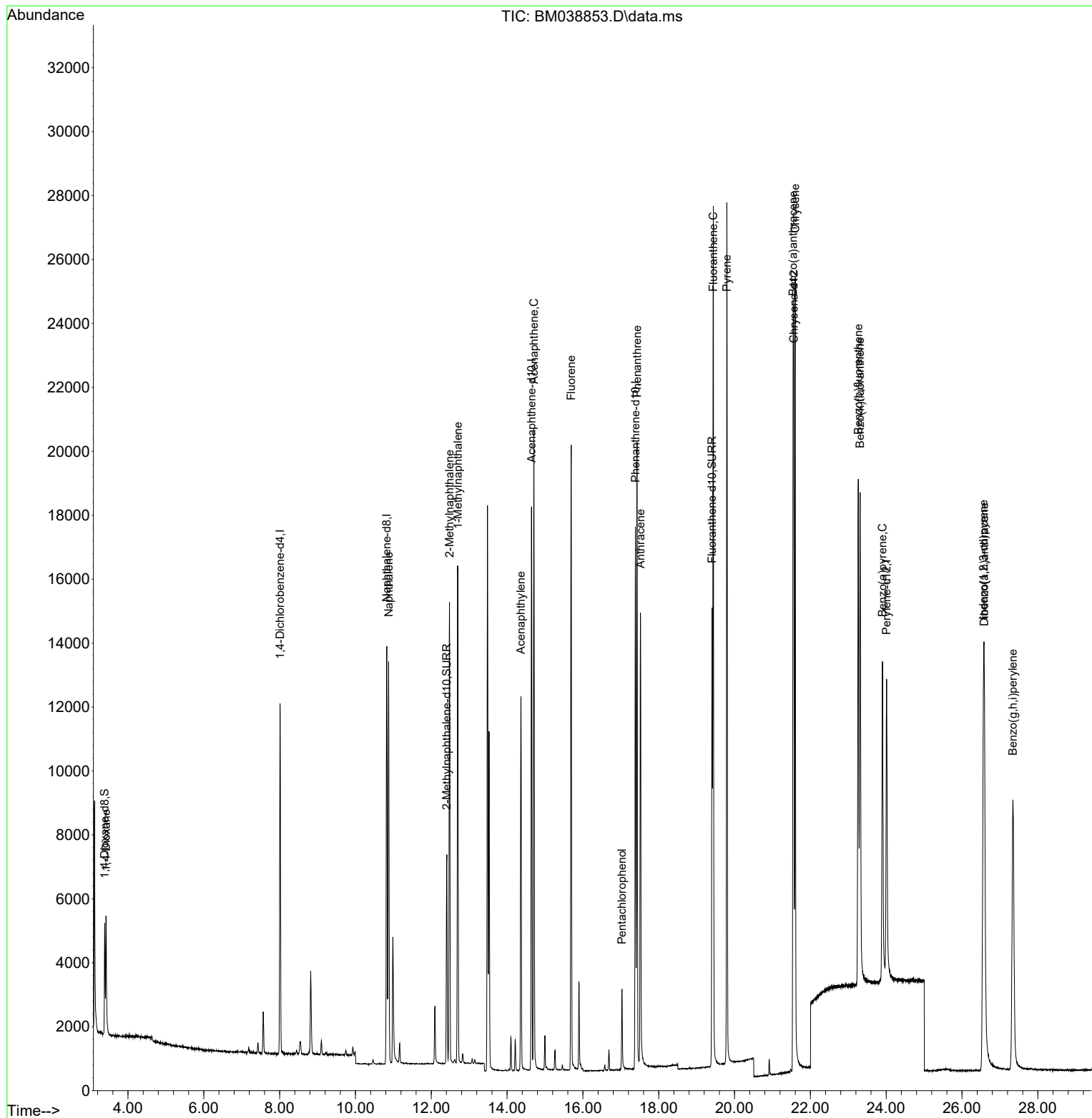
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	17444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	9240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	19431	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	16533	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	13894	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	2454	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	8516	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	15982	0.331	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	2543	0.463	ng/ul	100
5) Naphthalene	10.875	128	16843	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.481	142	10174	0.333	ng/ul	100
8) 1-Methylnaphthalene	12.701	142	10549	0.338	ng/ul	100
10) Acenaphthylene	14.362	152	13482	0.342	ng/ul	100
11) Acenaphthene	14.705	153	11127	0.372	ng/ul	100
12) Fluorene	15.690	166	12556	0.351	ng/ul	100
14) Pentachlorophenol	17.031	266	1811	0.336	ng/ul	100
15) Phenanthrene	17.427	178	20612	0.355	ng/ul	100
16) Anthracene	17.516	178	16524	0.310	ng/ul	100
19) Fluoranthene	19.438	202	22540	0.345	ng/ul	100
20) Pyrene	19.796	202	22946	0.328	ng/ul	100
21) Benzo(a)anthracene	21.544	228	18540	0.335	ng/ul	100
22) Chrysene	21.599	228	22562	0.390	ng/ul	100
24) Benzo(b)fluoranthene	23.262	252	21750	0.434	ng/ul	100
25) Benzo(k)fluoranthene	23.312	252	21688	0.436	ng/ul	100
26) Benzo(a)pyrene	23.900	252	17176	0.383	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.568	276	22024	0.315	ng/ul	99
28) Dibenzo(a,h)anthracene	26.588	278	16675	0.304	ng/ul	100
29) Benzo(g,h,i)perylene	27.342	276	20873	0.334	ng/ul	100

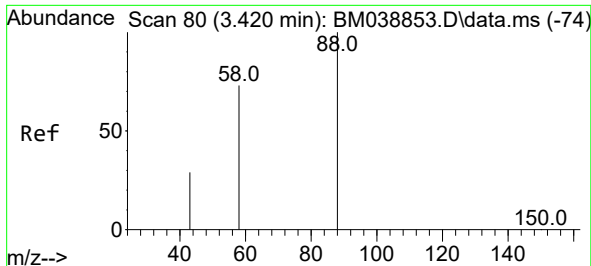
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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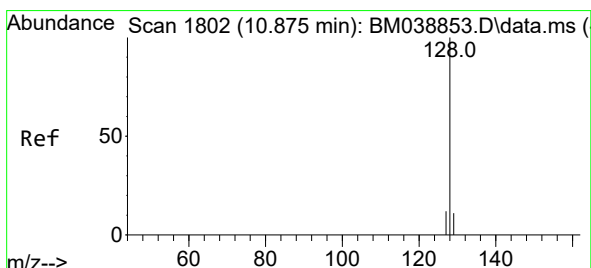
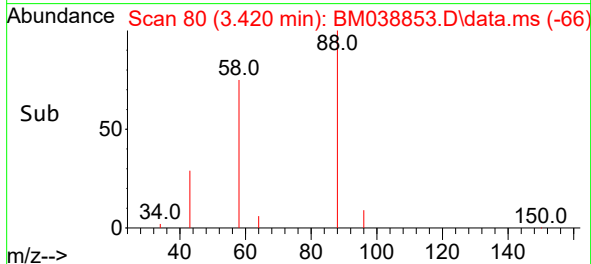
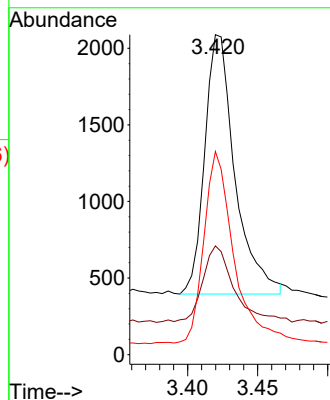
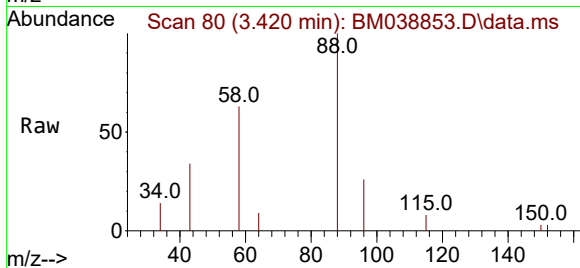




#2
1,4-Dioxane
Concen: 0.463 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

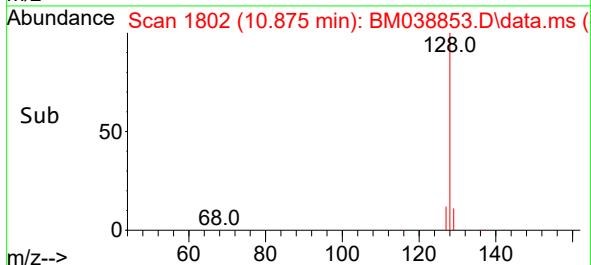
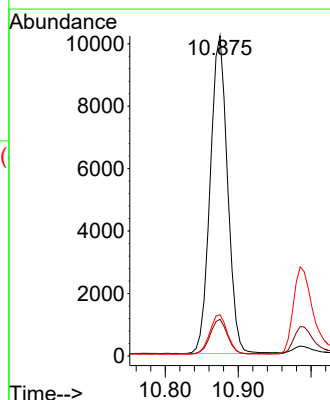
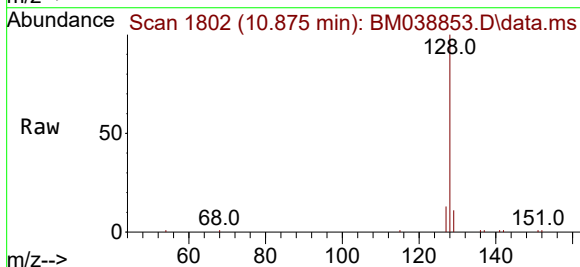
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

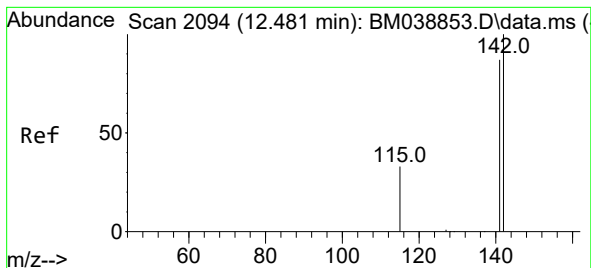
Tgt Ion: 88 Resp: 2543
Ion Ratio Lower Upper
88 100
43 34.0 27.2 40.8
58 63.5 50.8 76.2



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Tgt Ion: 128 Resp: 16843
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 10.3 15.5





#7

2-Methylnaphthalene

Concen: 0.333 ng/ul

RT: 12.481 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BM038853.D

Acq: 03 Mar 2023 10:31

Instrument :

BNA_M

ClientSampleId :

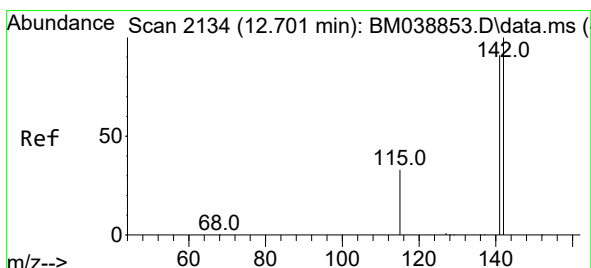
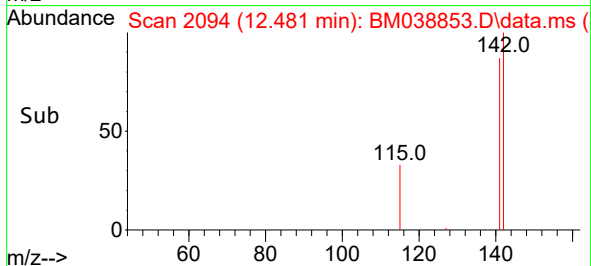
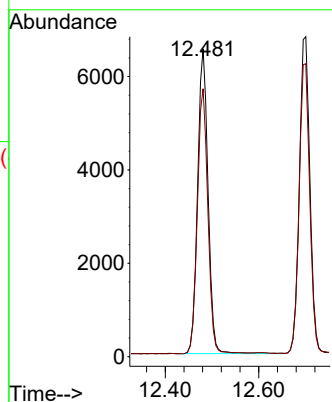
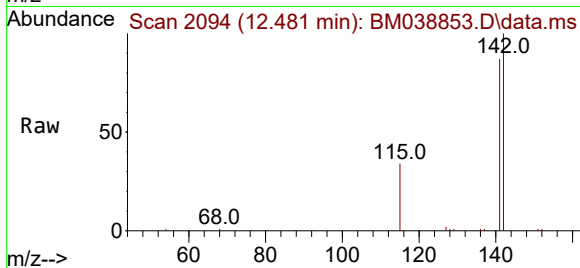
SSTD0.4003

Tgt Ion:142 Resp: 10174

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#8

1-Methylnaphthalene

Concen: 0.338 ng/ul

RT: 12.701 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BM038853.D

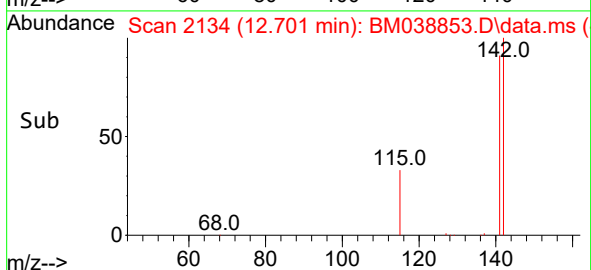
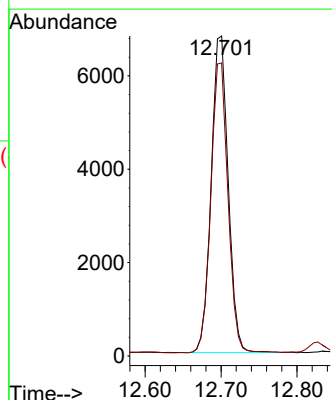
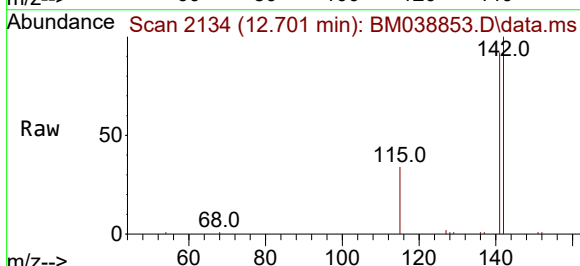
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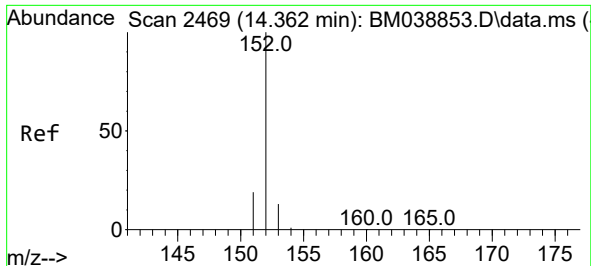
Tgt Ion:142 Resp: 10549

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

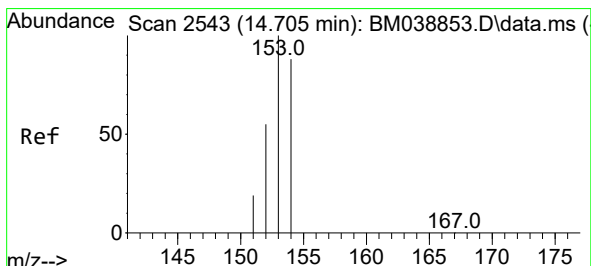
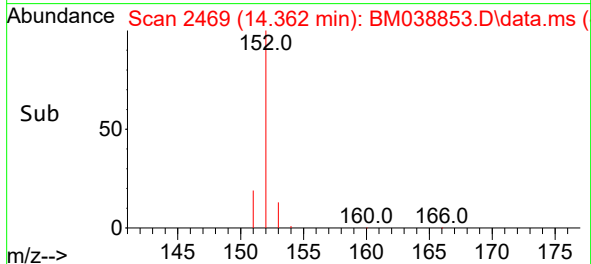
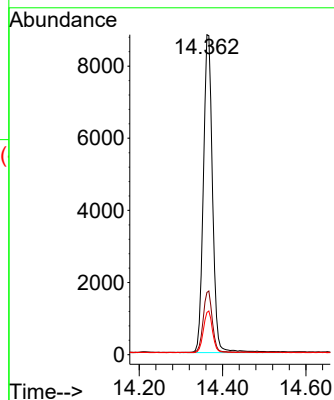
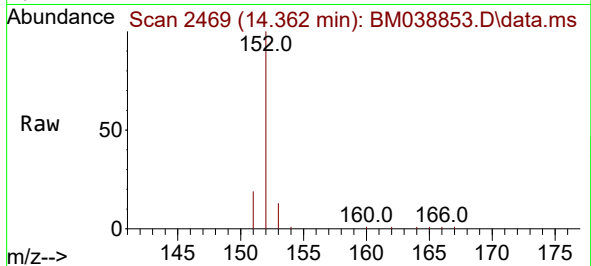




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

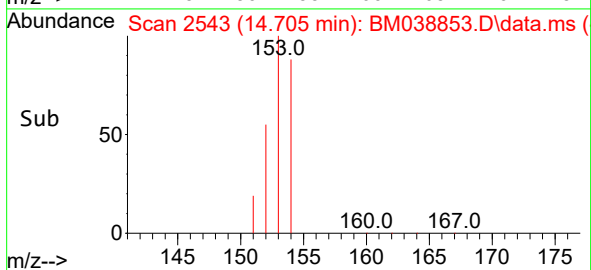
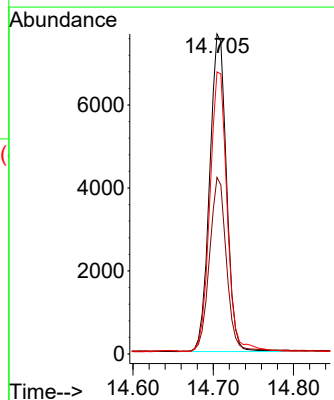
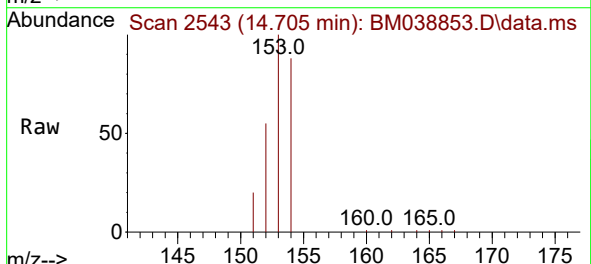
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

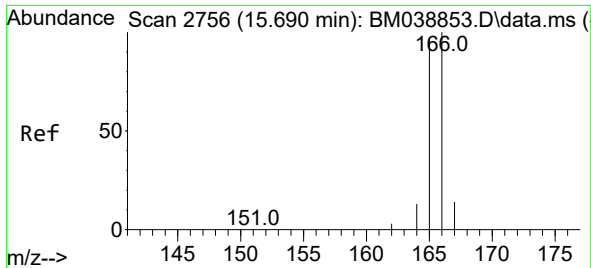
Tgt Ion:152 Resp: 13482
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.6 15.8



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Tgt Ion:153 Resp: 11127
Ion Ratio Lower Upper
153 100
152 55.2 44.2 66.2
154 88.2 70.6 105.8

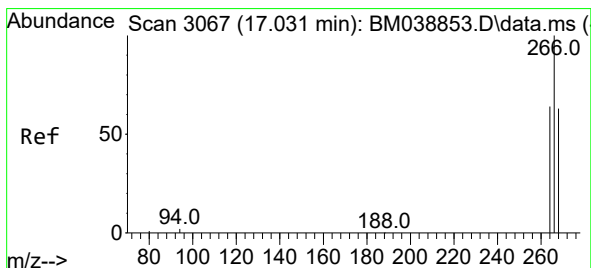
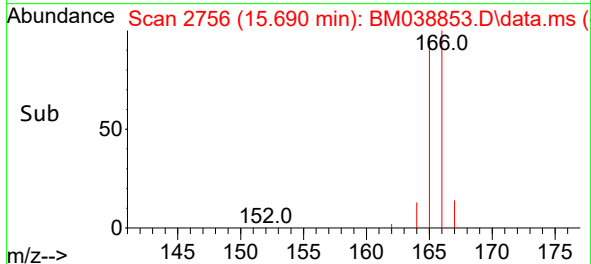
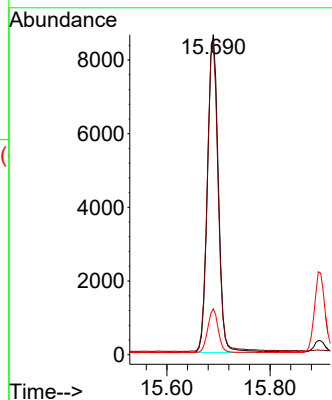
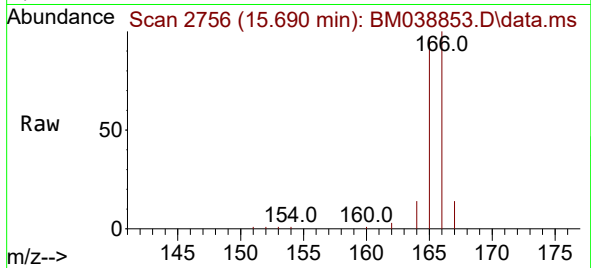




#12
 Fluorene
 Concen: 0.351 ng/ul
 RT: 15.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038853.D
 Acq: 03 Mar 2023 10:31

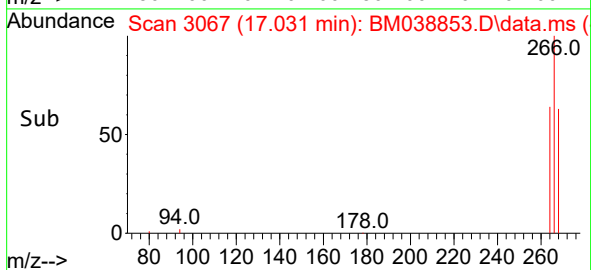
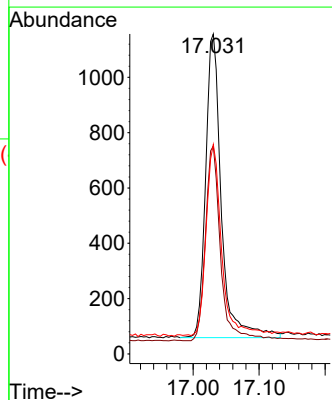
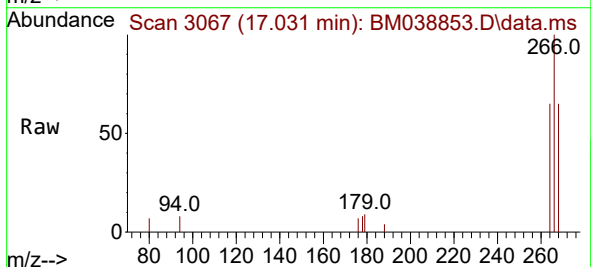
Instrument :
 BNA_M
 ClientSampleId :
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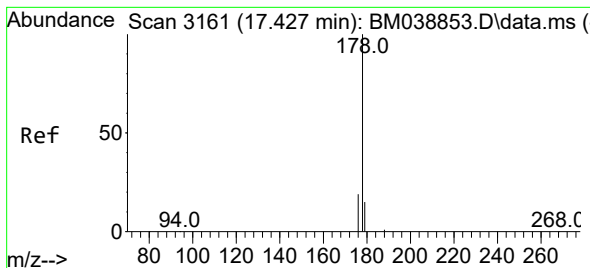
Tgt Ion:166 Resp: 12556
 Ion Ratio Lower Upper
 166 100
 165 97.2 77.8 116.6
 167 14.3 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.336 ng/ul
 RT: 17.031 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BM038853.D
 Acq: 03 Mar 2023 10:31

Tgt Ion:266 Resp: 1811
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.2 75.2
 268 62.5 50.2 75.4





#15

Phenanthrene

Concen: 0.355 ng/ul

RT: 17.427 min Scan# 3161

Delta R.T. 0.000 min

Lab File: BM038853.D

Acq: 03 Mar 2023 10:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

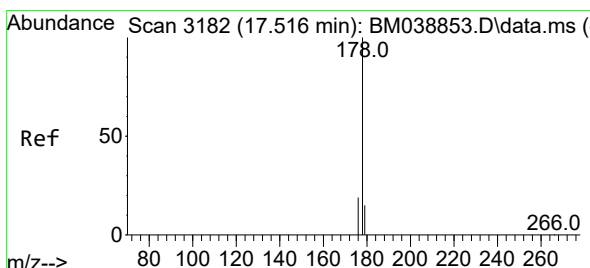
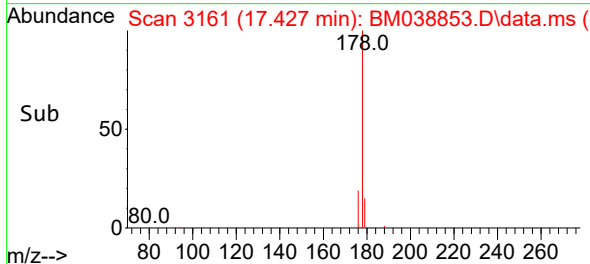
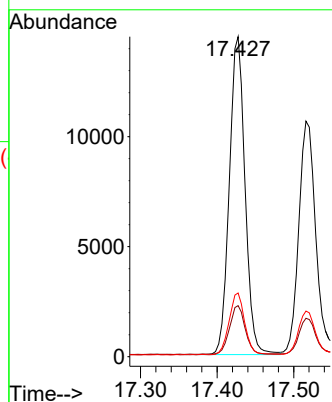
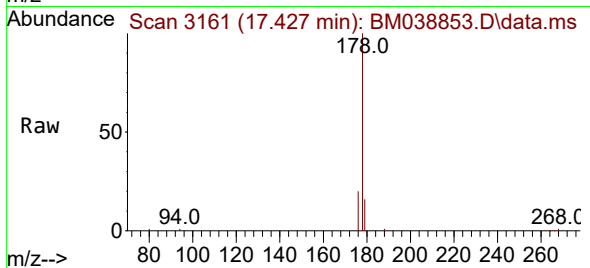
Tgt Ion:178 Resp: 20612

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 19.9 15.9 23.9



#16

Anthracene

Concen: 0.310 ng/ul

RT: 17.516 min Scan# 3182

Delta R.T. 0.000 min

Lab File: BM038853.D

Acq: 03 Mar 2023 10:31

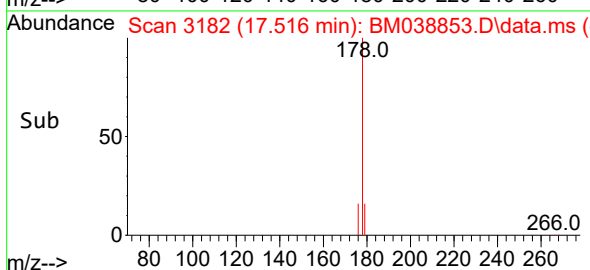
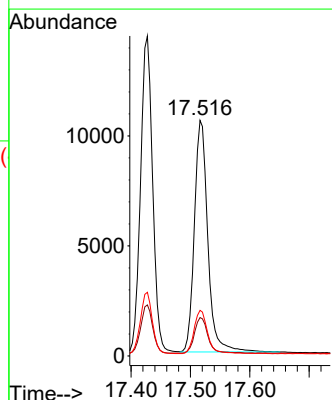
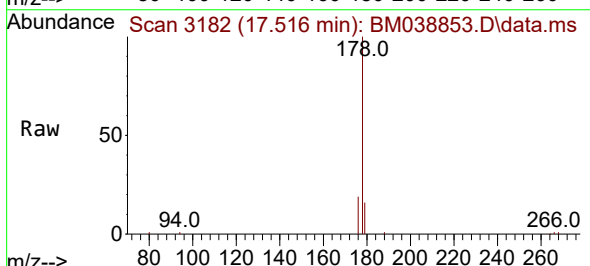
Tgt Ion:178 Resp: 16524

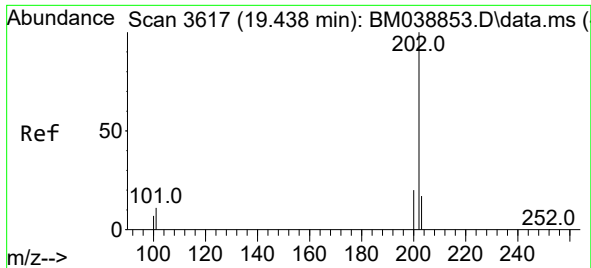
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.3 15.4 23.2

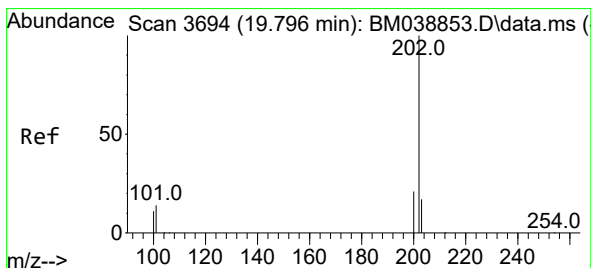
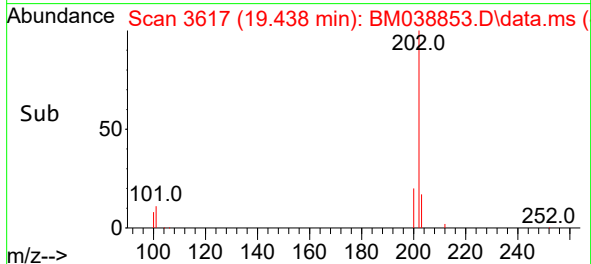
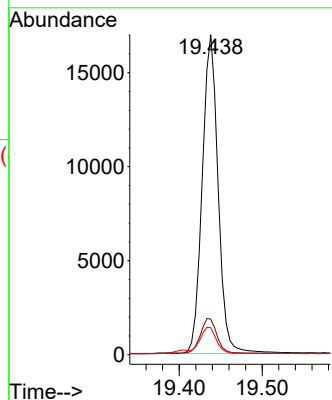
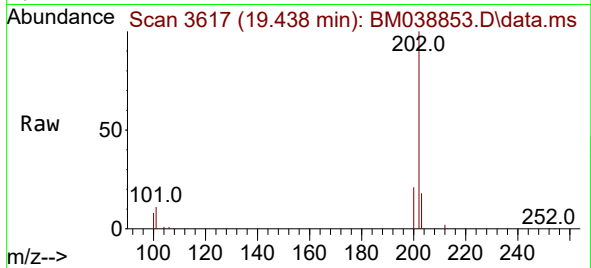




#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

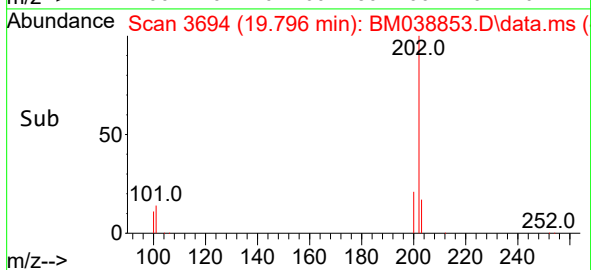
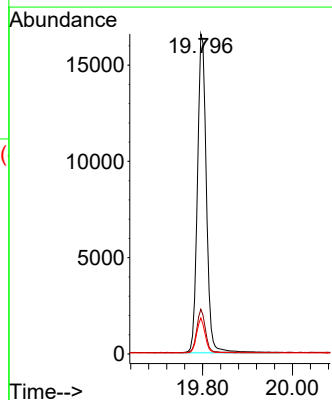
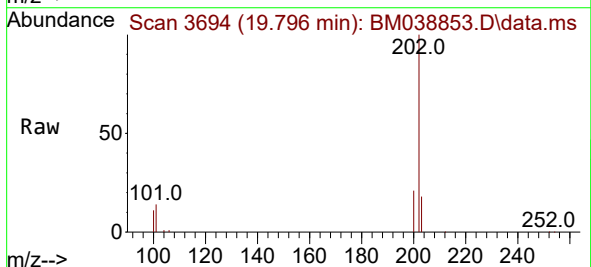
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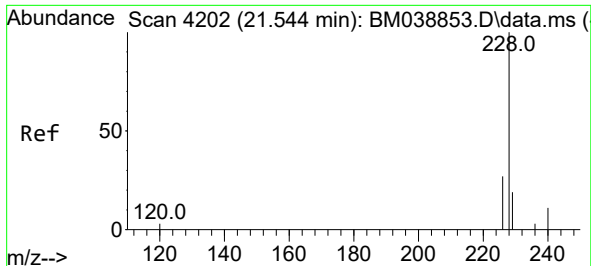
Tgt Ion:202 Resp: 22540
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.5 6.8 10.2



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.796 min Scan# 3694
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

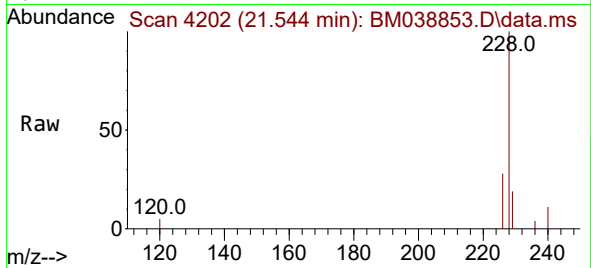
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Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.3 9.0 13.6



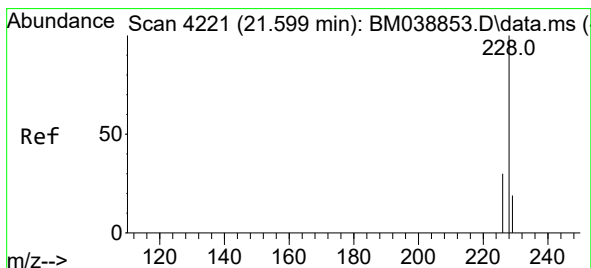
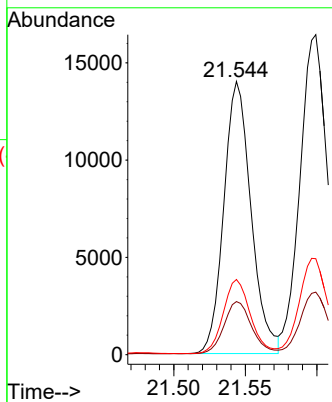
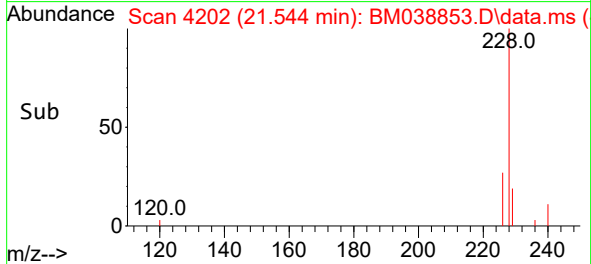


#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.544 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

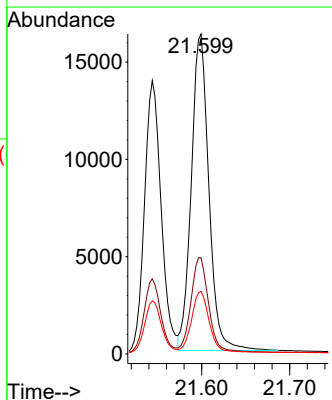
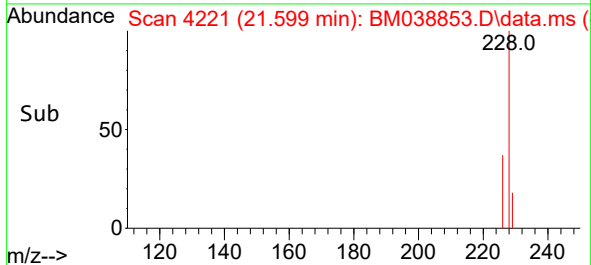
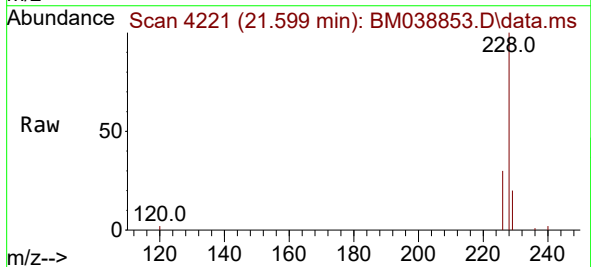


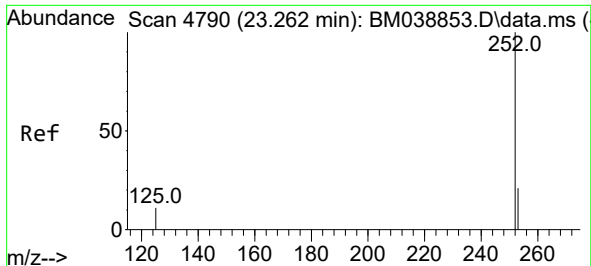
Tgt Ion:228 Resp: 18540
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Tgt Ion:228 Resp: 22562
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.6 15.7 23.5

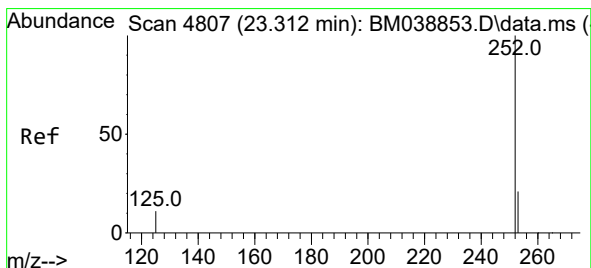
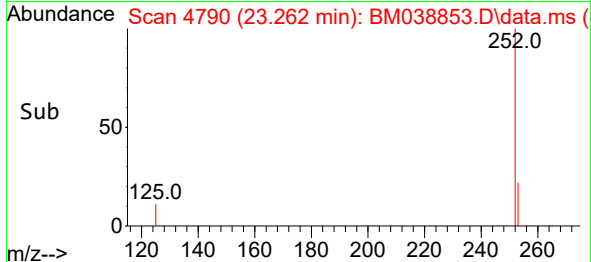
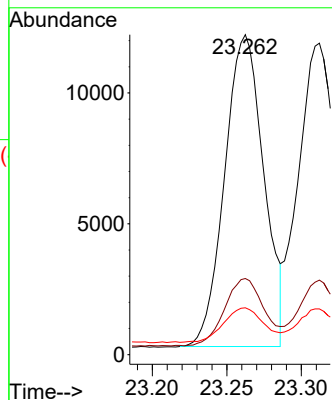
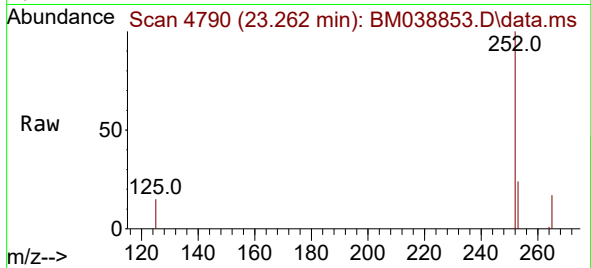




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.262 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

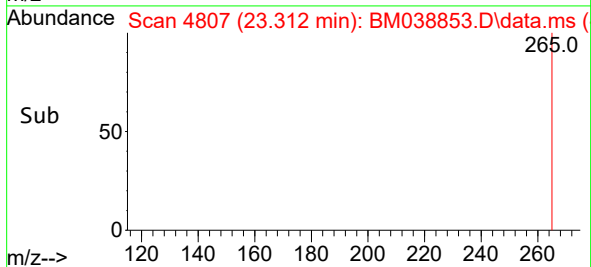
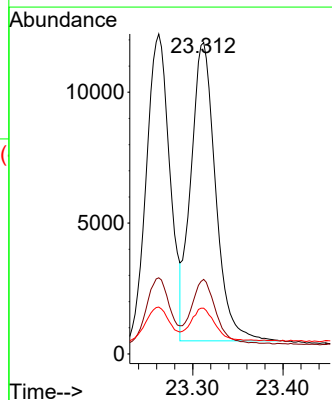
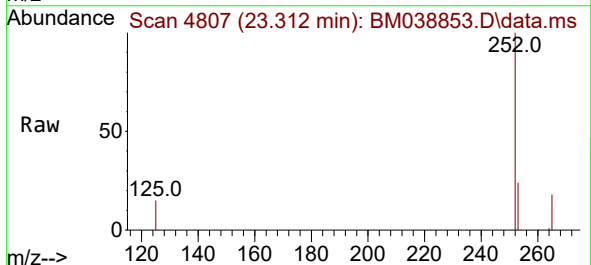
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

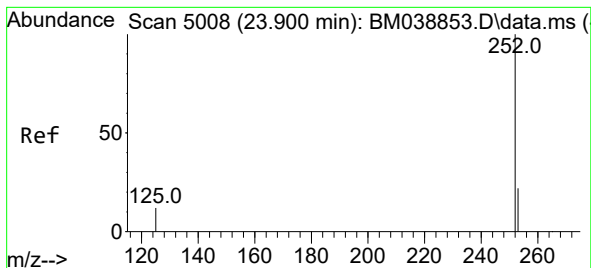
Tgt Ion:252 Resp: 21750
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.6
125 14.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Tgt Ion:252 Resp: 21688
Ion Ratio Lower Upper
252 100
253 24.0 19.2 28.8
125 14.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.900 min Scan# 5008

Delta R.T. 0.000 min

Lab File: BM038853.D

Acq: 03 Mar 2023 10:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

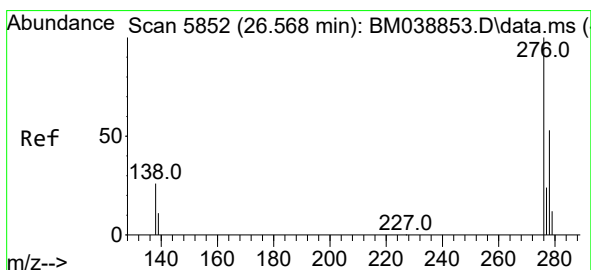
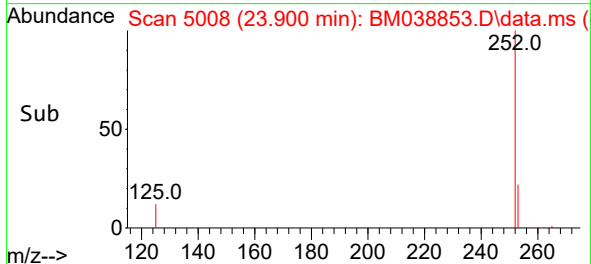
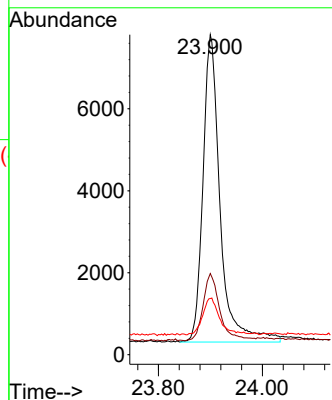
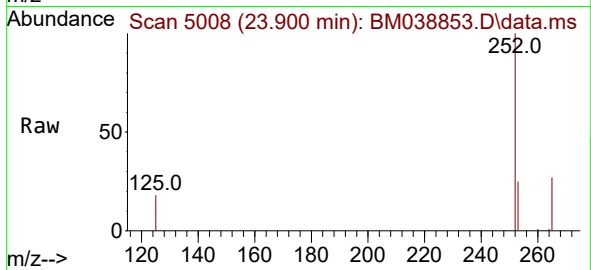
Tgt Ion:252 Resp: 17176

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

125 17.5 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 26.568 min Scan# 5852

Delta R.T. 0.000 min

Lab File: BM038853.D

Acq: 03 Mar 2023 10:31

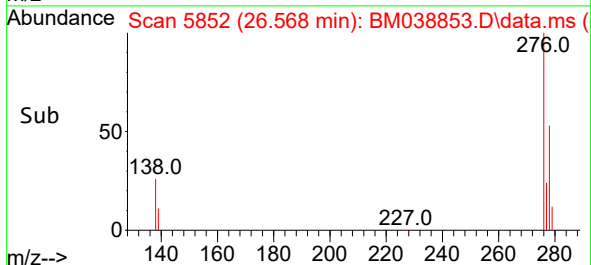
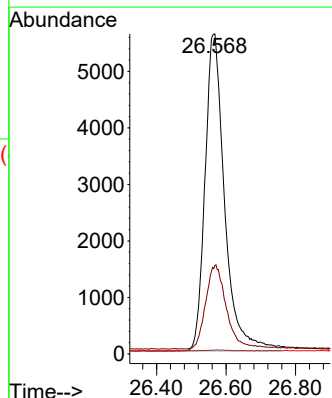
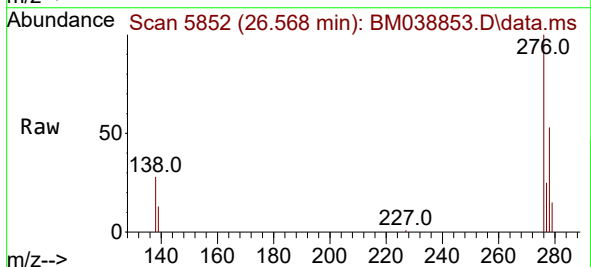
Tgt Ion:276 Resp: 22024

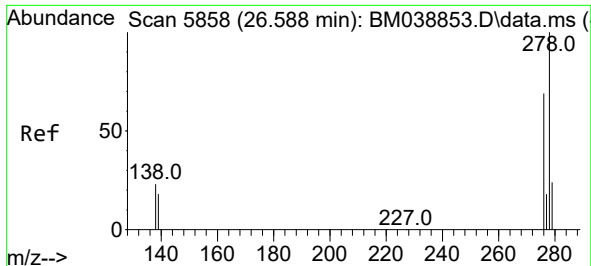
Ion Ratio Lower Upper

276 100

138 28.1 22.2 33.4

227 0.2 0.2 0.2

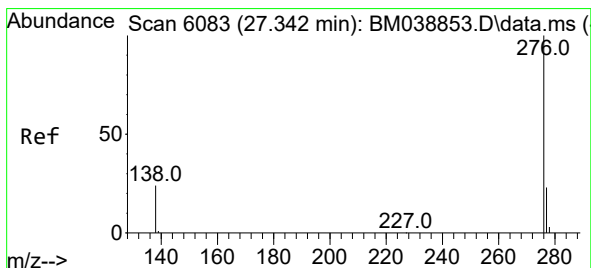
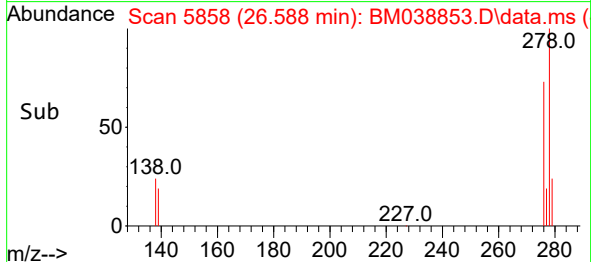
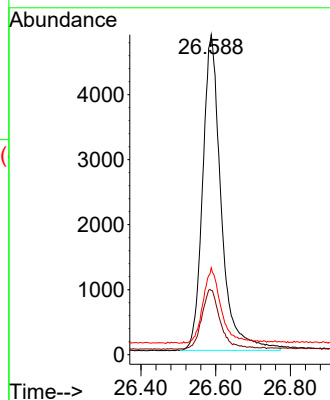
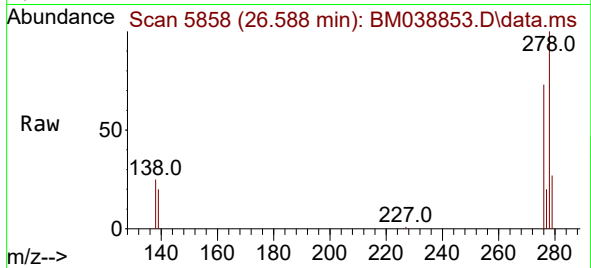




#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 26.588 min Scan# 5858
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 16675
Ion Ratio Lower Upper
278 100
139 20.0 16.0 24.0
279 27.2 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.342 min Scan# 6083
Delta R.T. 0.000 min
Lab File: BM038853.D
Acq: 03 Mar 2023 10:31

Tgt Ion:276 Resp: 20873
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 24.8 19.8 29.8

