

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038856.D
 Acq On : 03 Mar 2023 12:22
 Operator : CG/JU
 Sample : SSTD3.239
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2006

Quant Time: Mar 03 21:53:06 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

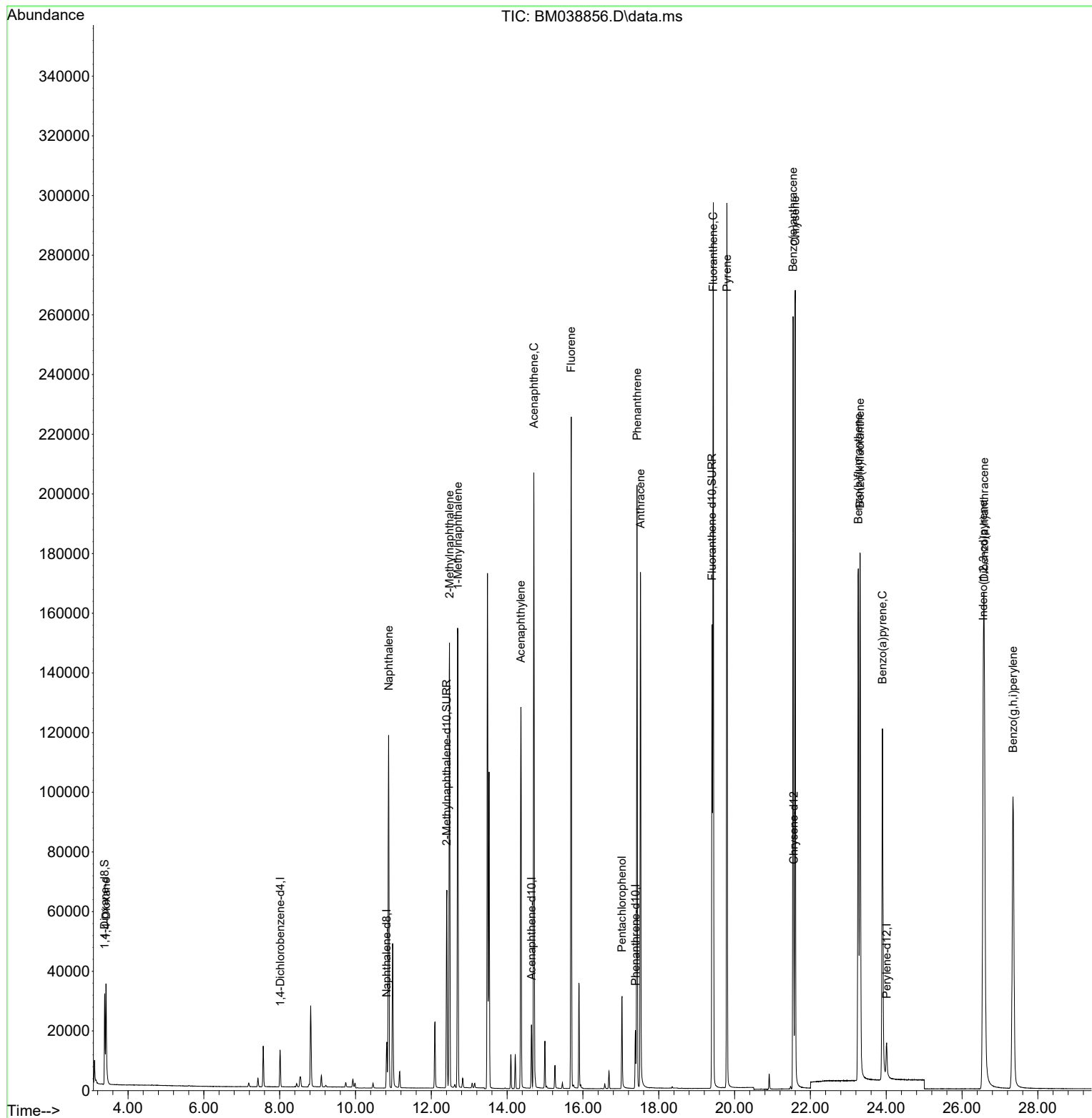
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.014	152	6160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	20119	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	11610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	22871	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	22098	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	21870	3.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	82583	2.366	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	164358	2.545	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	23223	3.745	ng/ul	92
5) Naphthalene	10.875	128	157332	3.193	ng/ul	99
7) 2-Methylnaphthalene	12.481	142	102245	2.899	ng/ul	100
8) 1-Methylnaphthalene	12.701	142	106135	2.945	ng/ul	99
10) Acenaphthylene	14.362	152	145426	2.939	ng/ul	99
11) Acenaphthene	14.705	153	114025	3.033	ng/ul	99
12) Fluorene	15.690	166	133751	2.979	ng/ul	99
14) Pentachlorophenol	17.030	266	20688	3.262	ng/ul	99
15) Phenanthrene	17.427	178	205261	3.005	ng/ul	98
16) Anthracene	17.516	178	186376	2.968	ng/ul	98
19) Fluoranthene	19.438	202	244871	2.801	ng/ul	98
20) Pyrene	19.800	202	243702	2.608	ng/ul	95
21) Benzo(a)anthracene	21.544	228	221449	2.994	ng/ul	99
22) Chrysene	21.599	228	233504	3.019	ng/ul	100
24) Benzo(b)fluoranthene	23.262	252	226479	3.768	ng/ul	94
25) Benzo(k)fluoranthene	23.309	252	238025	3.985	ng/ul#	94
26) Benzo(a)pyrene	23.900	252	190062	3.531	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.561	276	249388	2.972	ng/ul	100
28) Dibenzo(a,h)anthracene	26.584	278	194833	2.958	ng/ul	95
29) Benzo(g,h,i)perylene	27.346	276	220897	2.946	ng/ul	97

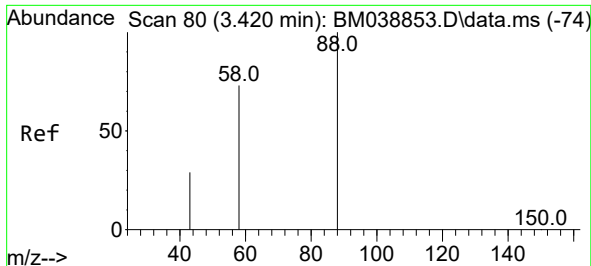
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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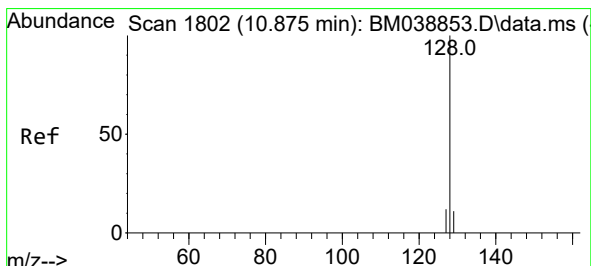
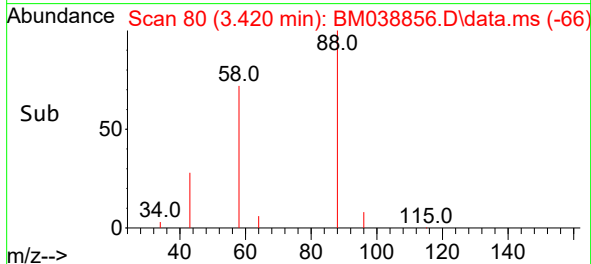
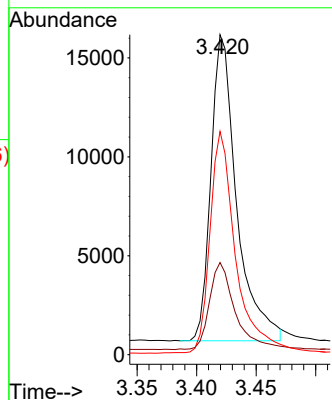
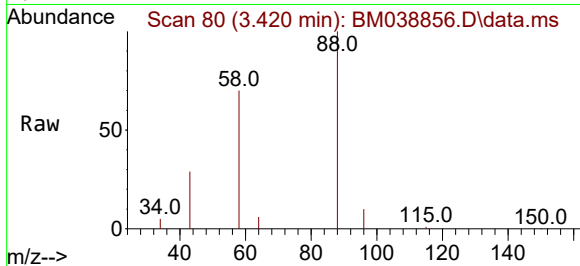




#2
1,4-Dioxane
Concen: 3.745 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

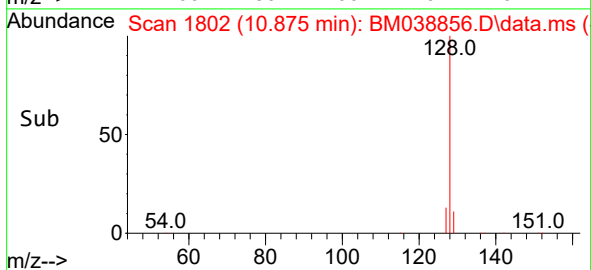
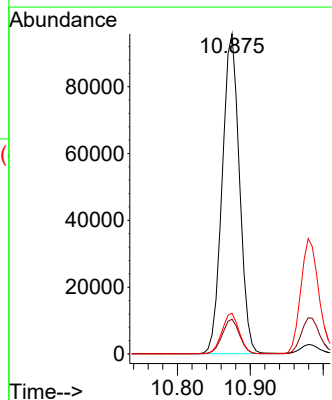
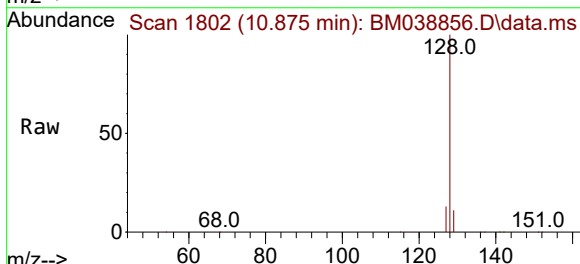
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

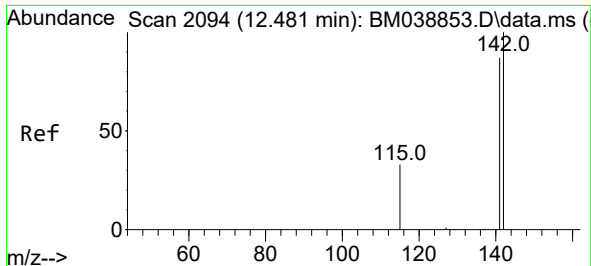
Tgt Ion: 88 Resp: 23223
Ion Ratio Lower Upper
88 100
43 28.8 27.2 40.8
58 69.8 50.8 76.2



#5
Naphthalene
Concen: 3.193 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion: 128 Resp: 157332
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.7 10.3 15.5

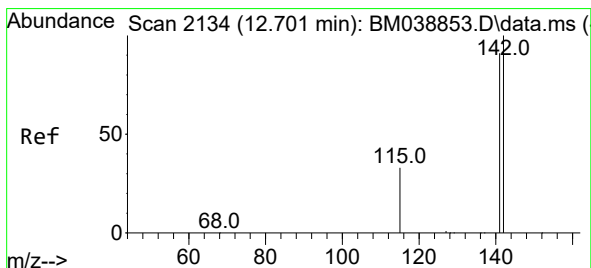
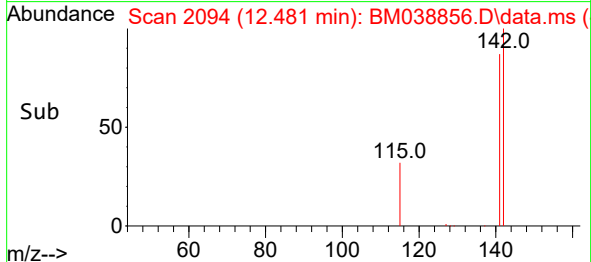
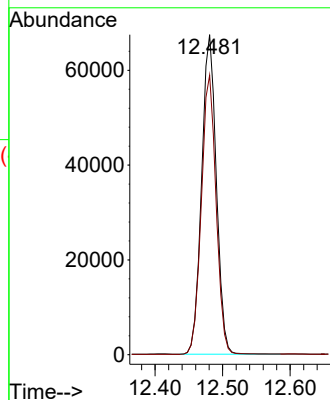
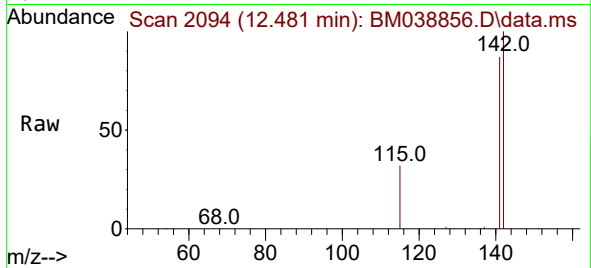




#7
2-Methylnaphthalene
Concen: 2.899 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

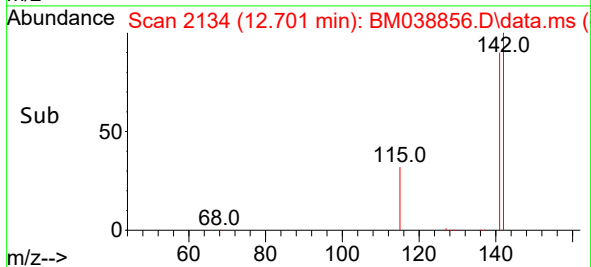
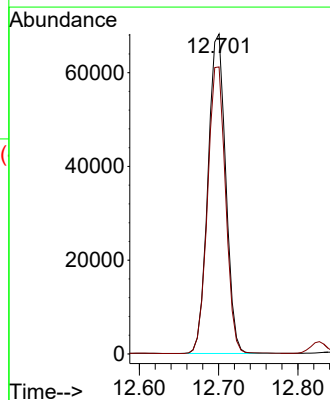
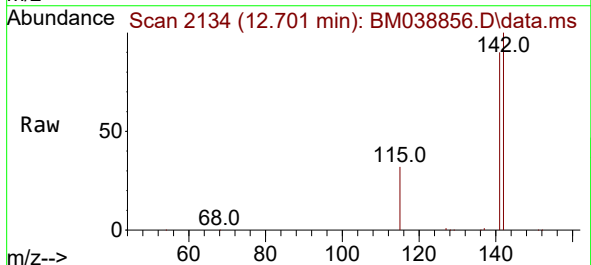
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

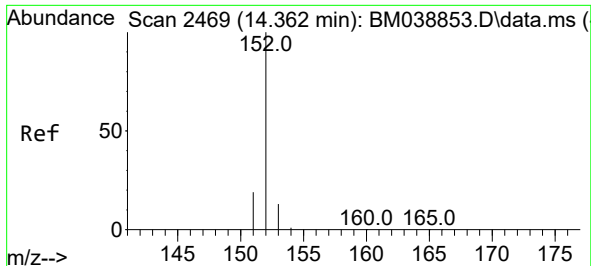
Tgt Ion:142 Resp: 102245
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9



#8
1-Methylnaphthalene
Concen: 2.945 ng/ul
RT: 12.701 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:142 Resp: 106135
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3

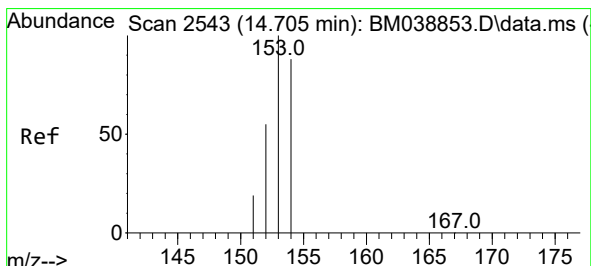
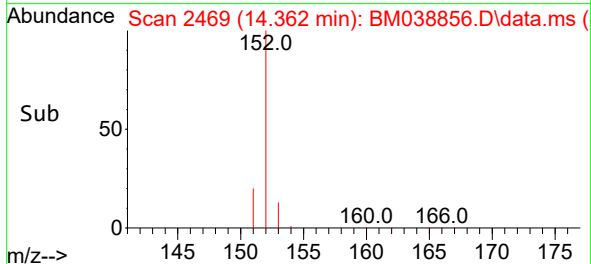
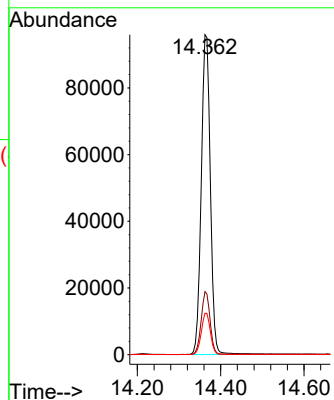
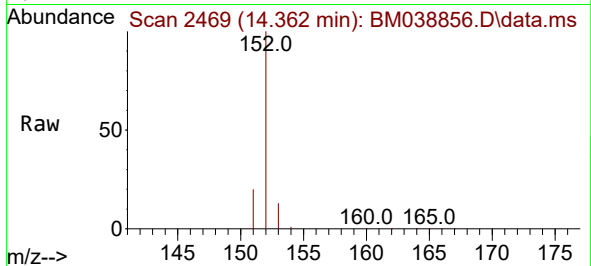




#10
Acenaphthylene
Concen: 2.939 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

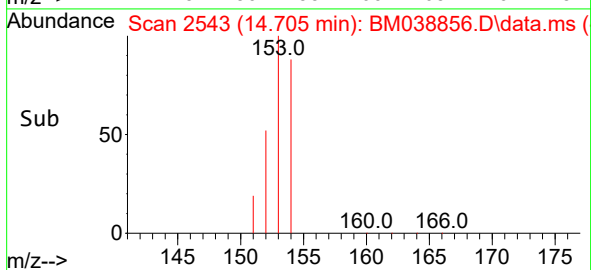
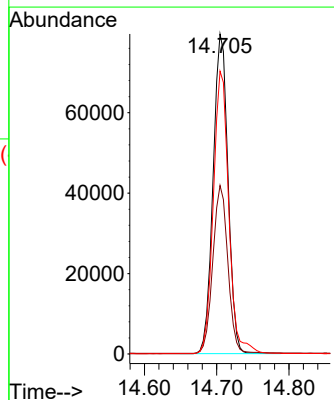
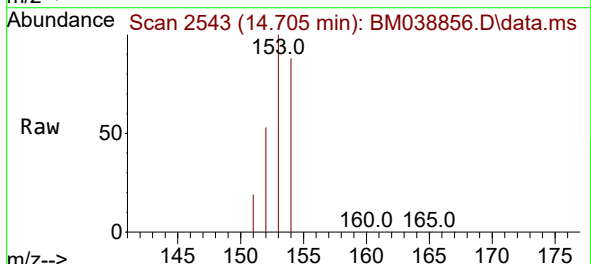
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ClientSampleId :
SSTD3.2006

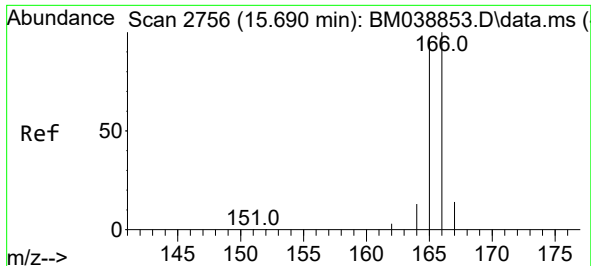
Tgt Ion:152 Resp: 145426
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.6 15.8



#11
Acenaphthene
Concen: 3.033 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:153 Resp: 114025
Ion Ratio Lower Upper
153 100
152 52.6 44.2 66.2
154 88.4 70.6 105.8

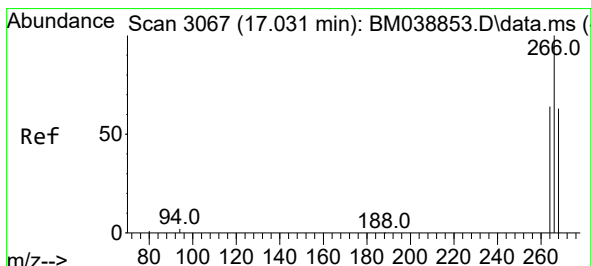
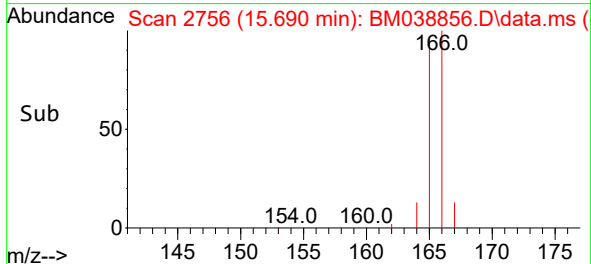
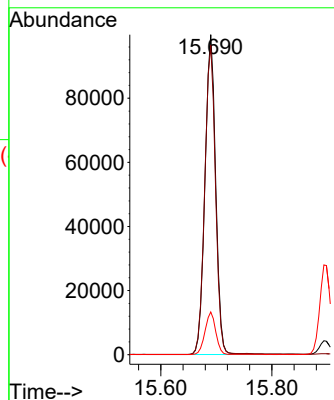
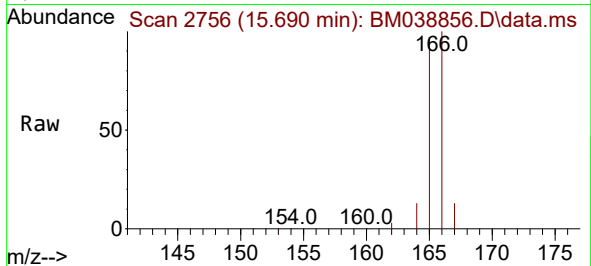




#12
Fluorene
Concen: 2.979 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

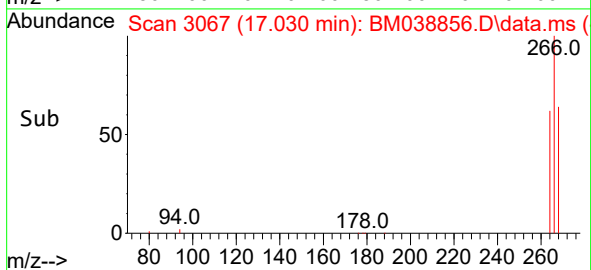
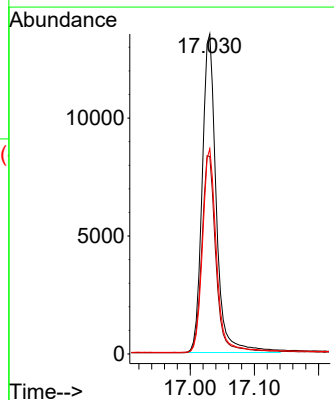
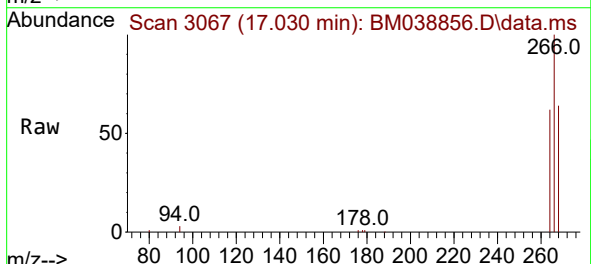
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ClientSampleId :
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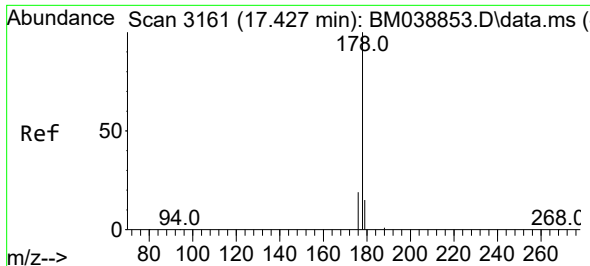
Tgt Ion:166 Resp: 133751
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.6
167 13.4 11.4 17.2



#14
Pentachlorophenol
Concen: 3.262 ng/ul
RT: 17.030 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:266 Resp: 20688
Ion Ratio Lower Upper
266 100
264 62.5 50.2 75.2
268 63.8 50.2 75.4

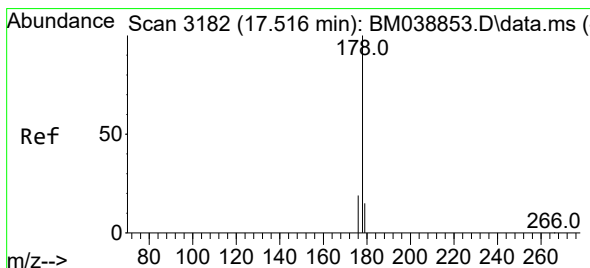
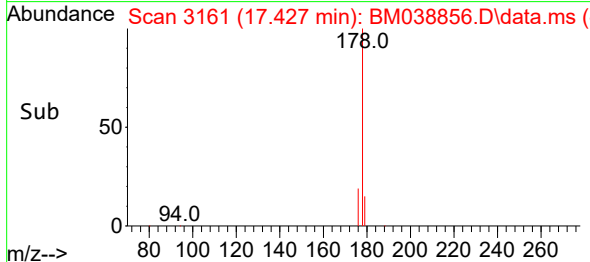
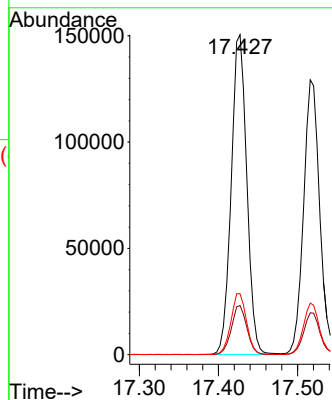
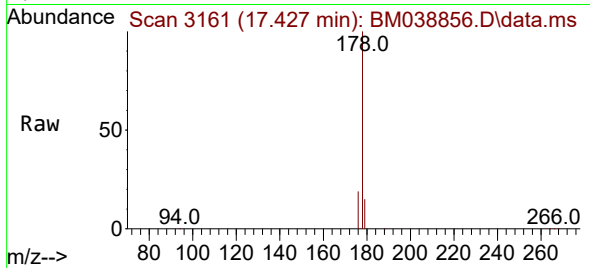




#15
Phenanthrene
Concen: 3.005 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

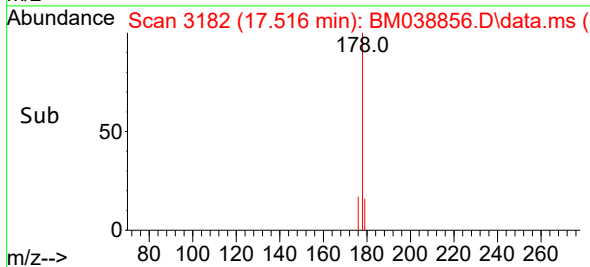
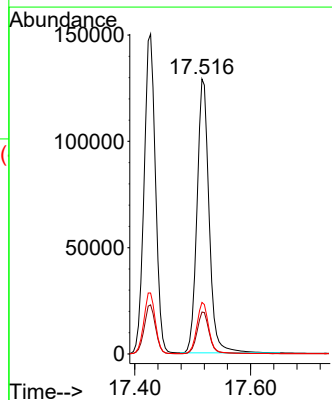
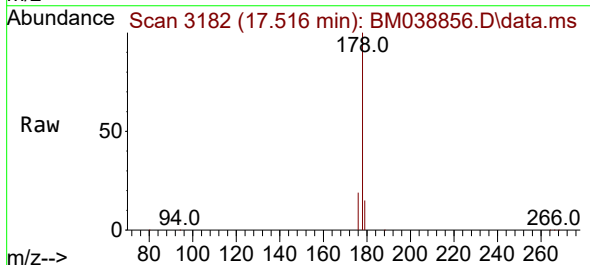
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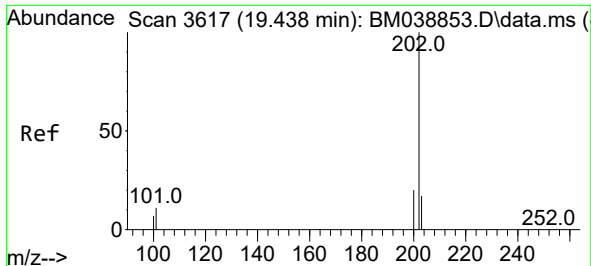
Tgt Ion:178 Resp: 205261
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.1 15.9 23.9



#16
Anthracene
Concen: 2.968 ng/ul
RT: 17.516 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:178 Resp: 186376
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 18.7 15.4 23.2

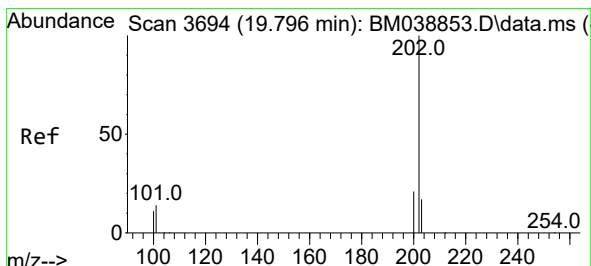
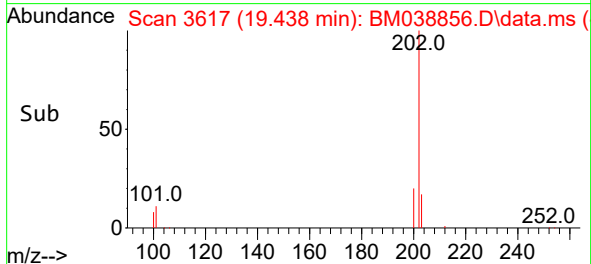
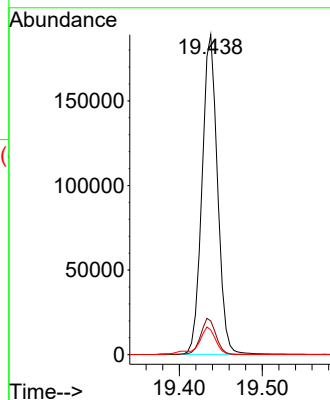
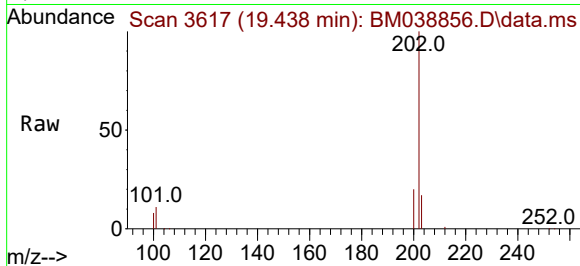




#19
Fluoranthene
Concen: 2.801 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

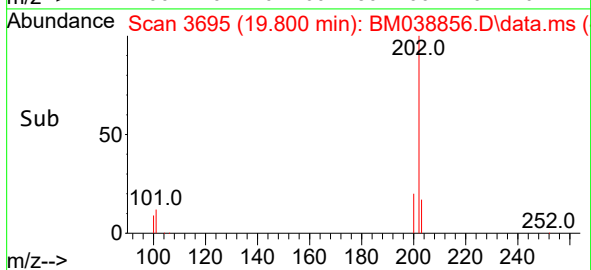
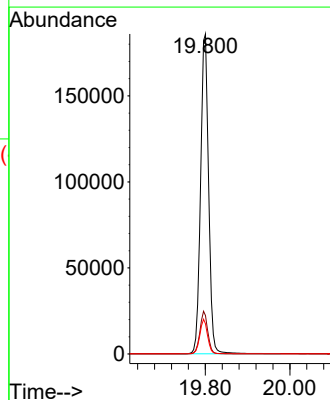
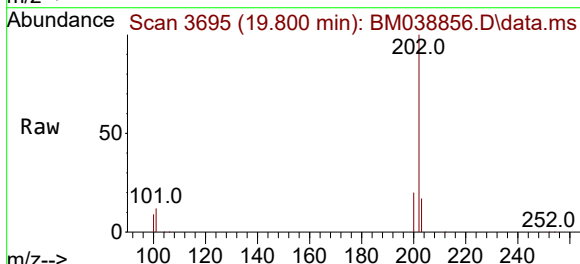
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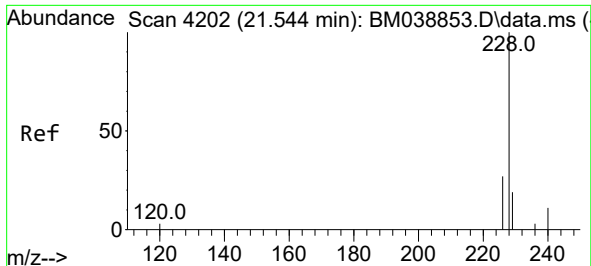
Tgt Ion:202 Resp: 244871
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 7.8 6.8 10.2



#20
Pyrene
Concen: 2.608 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. 0.005 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

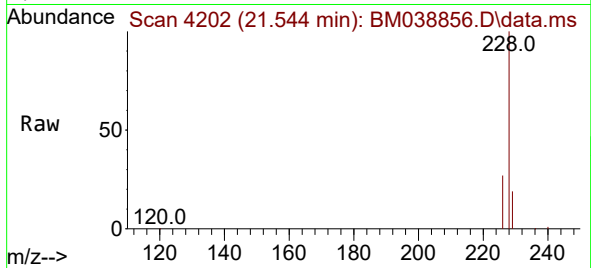
Tgt Ion:202 Resp: 243702
Ion Ratio Lower Upper
202 100
101 12.0 11.2 16.8
100 9.4 9.0 13.6



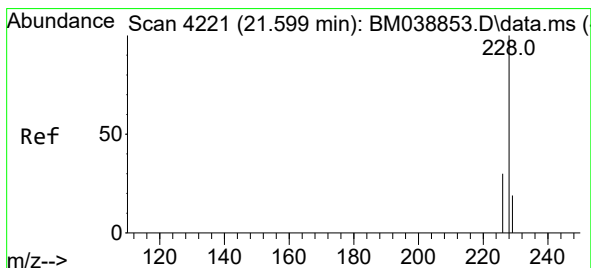
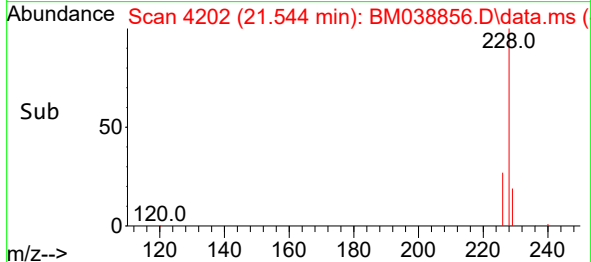
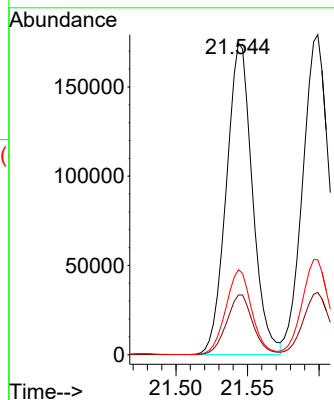


#21
Benzo(a)anthracene
Concen: 2.994 ng/ul
RT: 21.544 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

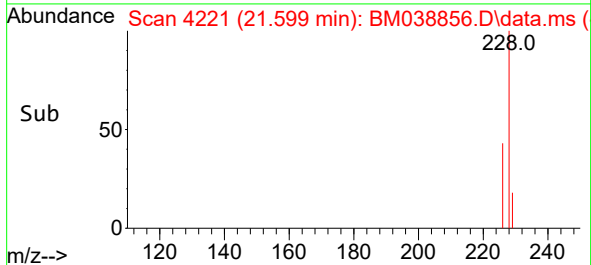
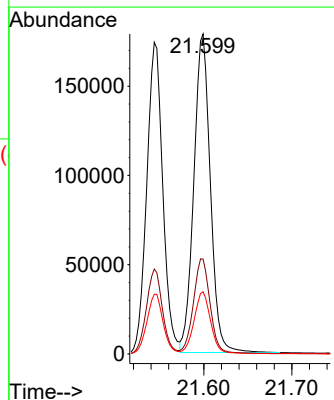
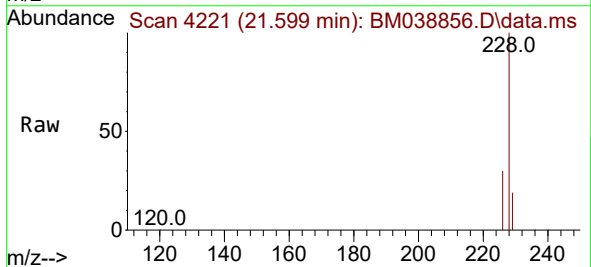


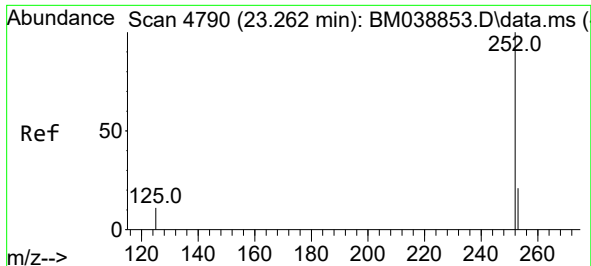
Tgt Ion:228 Resp: 221449
Ion Ratio Lower Upper
228 100
229 19.2 15.6 23.4
226 27.3 22.0 33.0



#22
Chrysene
Concen: 3.019 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:228 Resp: 233504
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.5 15.7 23.5

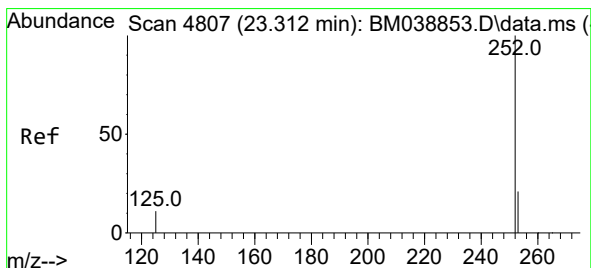
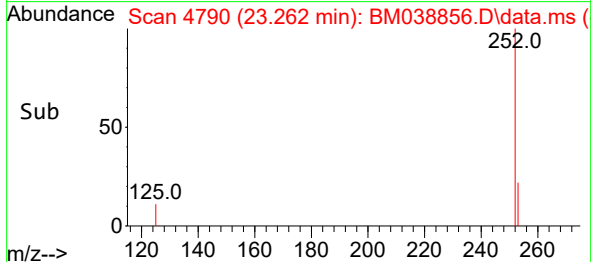
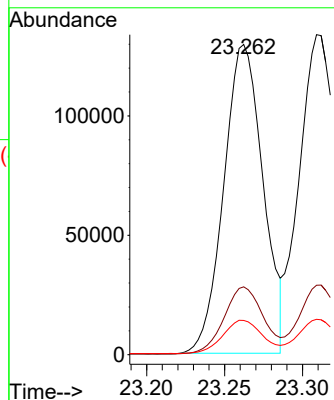
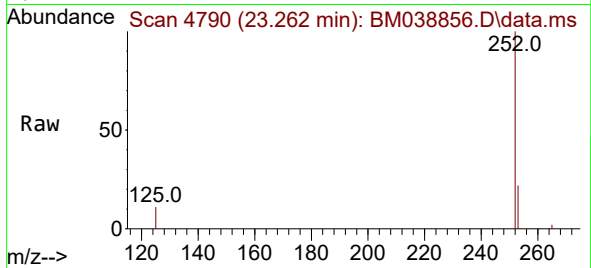




#24
Benzo(b)fluoranthene
Concen: 3.768 ng/ul
RT: 23.262 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

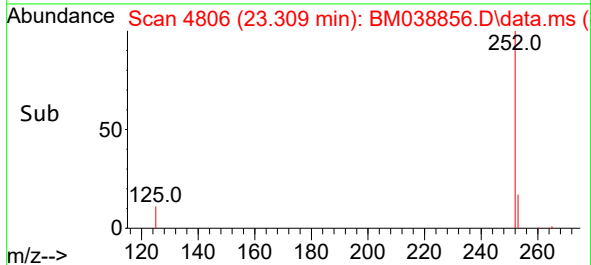
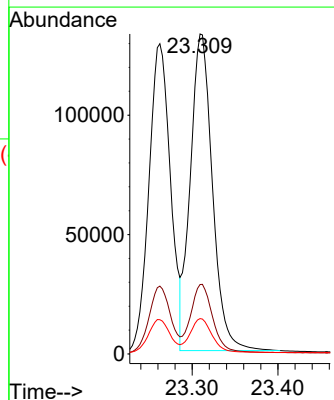
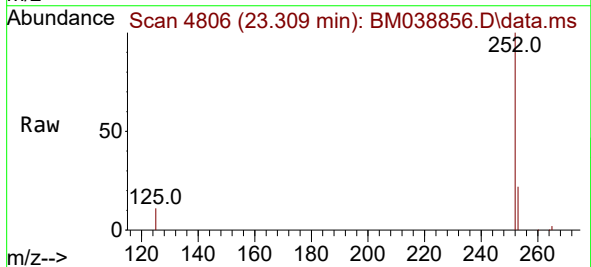
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

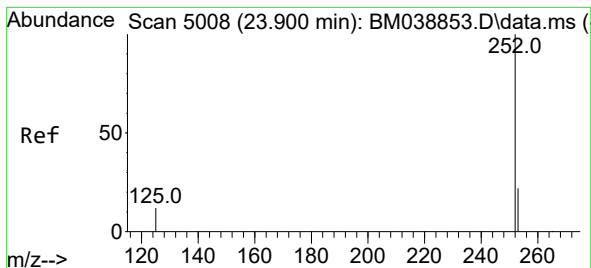
Tgt Ion:252 Resp: 226479
Ion Ratio Lower Upper
252 100
253 21.9 0.0 47.6
125 11.1 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 3.985 ng/ul
RT: 23.309 min Scan# 4806
Delta R.T. -0.003 min
Lab File: BM038856.D
Acq: 03 Mar 2023 12:22

Tgt Ion:252 Resp: 238025
Ion Ratio Lower Upper
252 100
253 21.7 19.2 28.8
125 11.1 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 3.531 ng/ul

RT: 23.900 min Scan# 5008

Delta R.T. -0.000 min

Lab File: BM038856.D

Acq: 03 Mar 2023 12:22

Instrument :

BNA_M

ClientSampleId :

SSTD3.2006

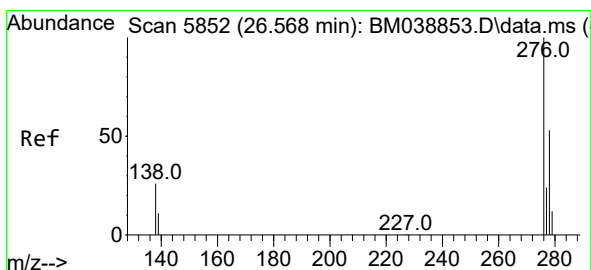
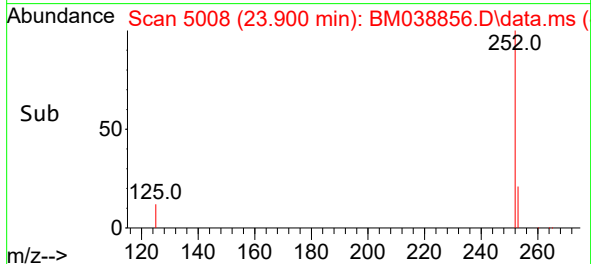
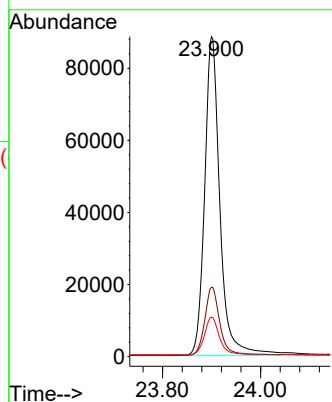
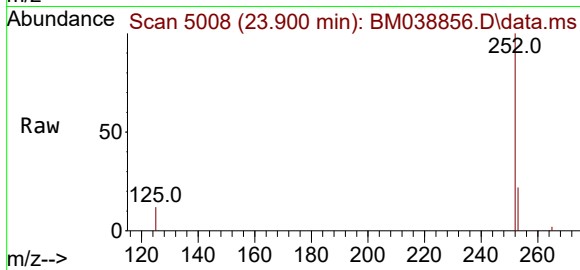
Tgt Ion:252 Resp: 190062

Ion Ratio Lower Upper

252 100

253 21.7 20.3 30.5

125 12.4 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.972 ng/ul

RT: 26.561 min Scan# 5850

Delta R.T. -0.007 min

Lab File: BM038856.D

Acq: 03 Mar 2023 12:22

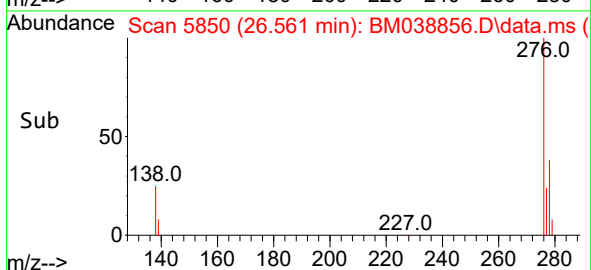
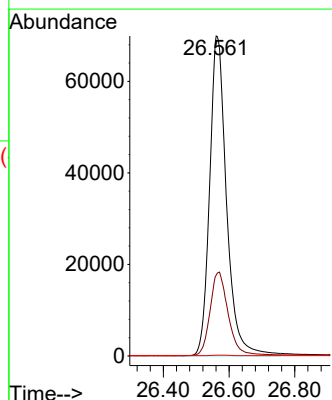
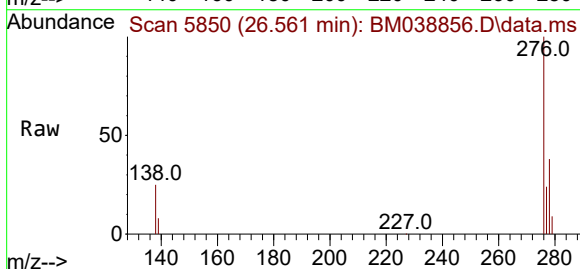
Tgt Ion:276 Resp: 249388

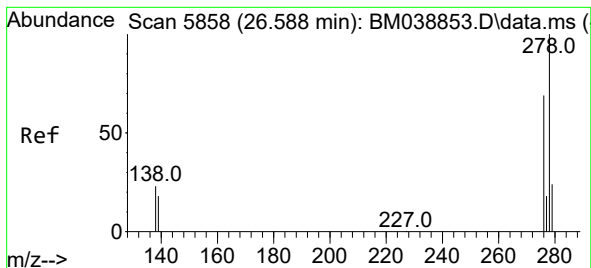
Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.4

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 2.958 ng/ul

RT: 26.584 min Scan# 5857

Delta R.T. -0.003 min

Lab File: BM038856.D

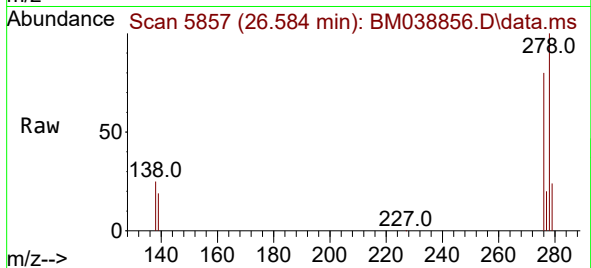
Acq: 03 Mar 2023 12:22

Instrument :

BNA_M

ClientSampleId :

SSTD3.2006



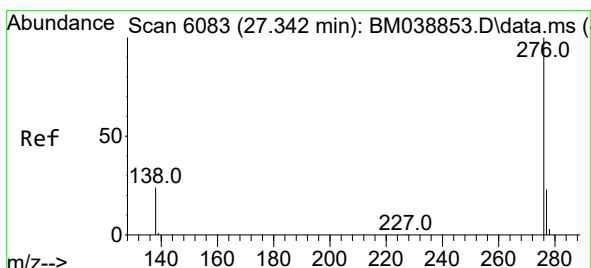
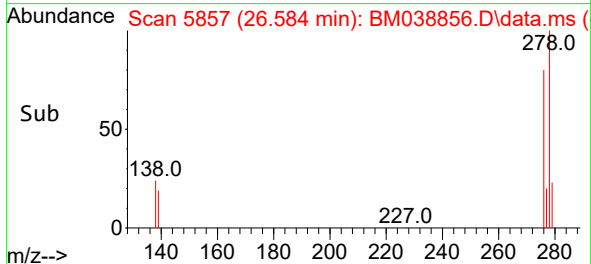
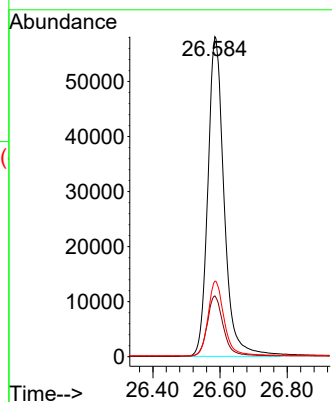
Tgt Ion:278 Resp: 194833

Ion Ratio Lower Upper

278 100

139 19.0 16.0 24.0

279 23.6 21.8 32.6



#29

Benzo(g,h,i)perylene

Concen: 2.946 ng/ul

RT: 27.346 min Scan# 6084

Delta R.T. 0.003 min

Lab File: BM038856.D

Acq: 03 Mar 2023 12:22

Tgt Ion:276 Resp: 220897

Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.4

277 23.4 19.8 29.8

