

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038103.D
 Acq On : 19 Dec 2022 15:29
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4195

Quant Time: Dec 19 16:09:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

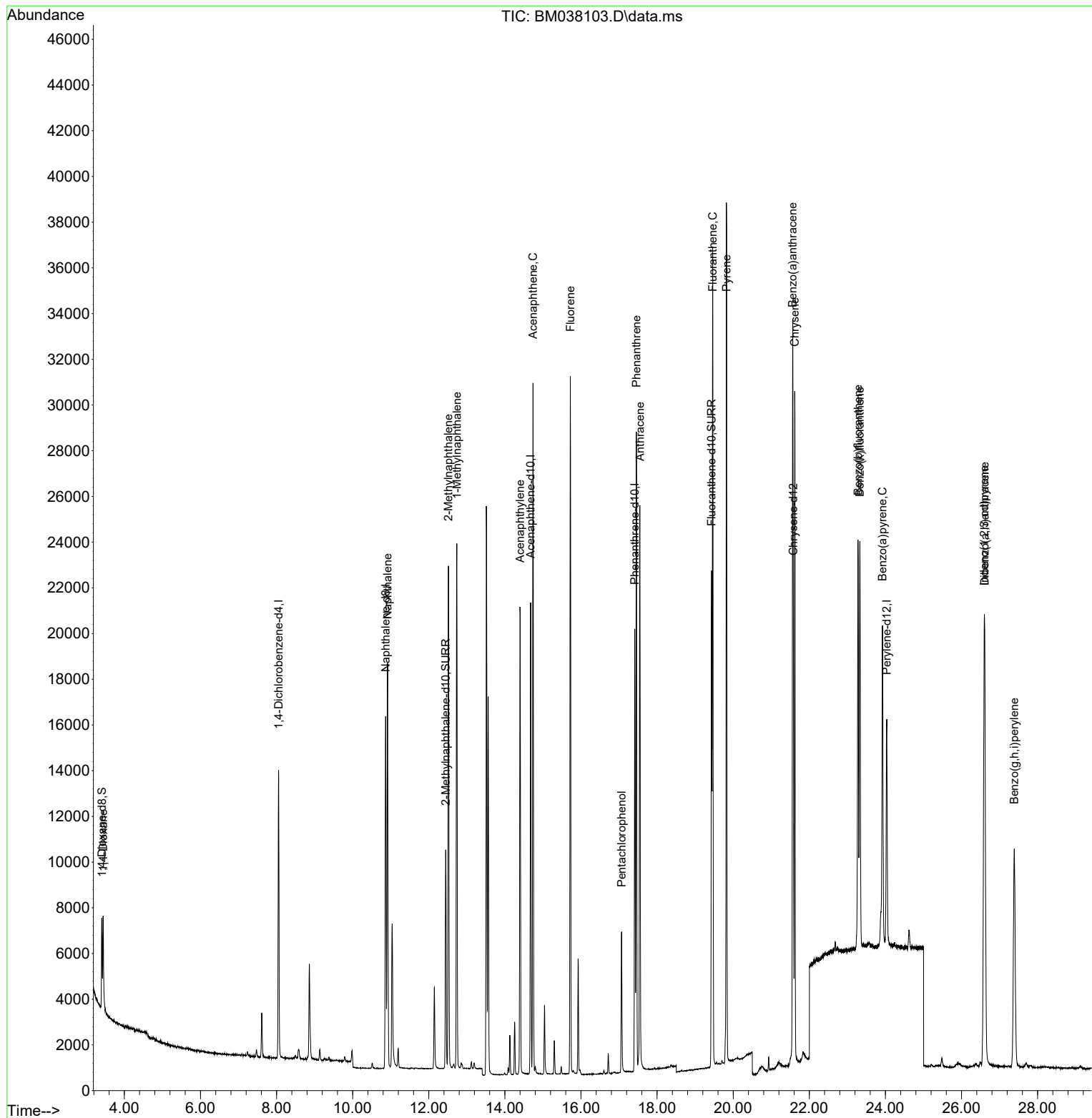
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	6608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	20397	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	11000	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	22104	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	13979	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	13825	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2941	0.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	12135	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	21924	0.433	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.444	88	2927	0.359	ng/ul#	86
5) Naphthalene	10.917	128	23702	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	15105	0.398	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	15398	0.396	ng/ul	100
10) Acenaphthylene	14.398	152	23125	0.401	ng/ul	99
11) Acenaphthene	14.740	153	17146	0.392	ng/ul	99
12) Fluorene	15.721	166	18779	0.388	ng/ul	98
14) Pentachlorophenol	17.067	266	4074	0.445	ng/ul	98
15) Phenanthrene	17.455	178	28615	0.384	ng/ul	100
16) Anthracene	17.548	178	27167	0.395	ng/ul	99
19) Fluoranthene	19.459	202	30599	0.424	ng/ul	96
20) Pyrene	19.822	202	31370	0.426	ng/ul	96
21) Benzo(a)anthracene	21.562	228	25438	0.421	ng/ul	100
22) Chrysene	21.618	228	24491	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	23838	0.364	ng/ul	96
25) Benzo(k)fluoranthene	23.328	252	23500	0.371	ng/ul	96
26) Benzo(a)pyrene	23.924	252	20836	0.377	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.596	276	25477	0.368	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.609	278	20145	0.373	ng/ul	97
29) Benzo(g,h,i)perylene	27.387	276	21390	0.363	ng/ul	96

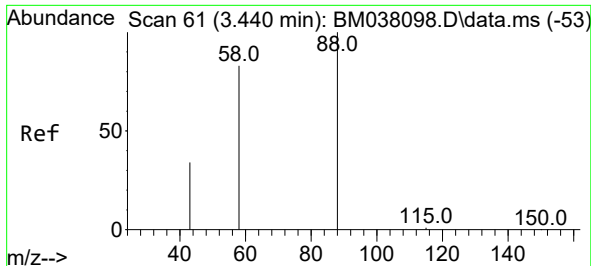
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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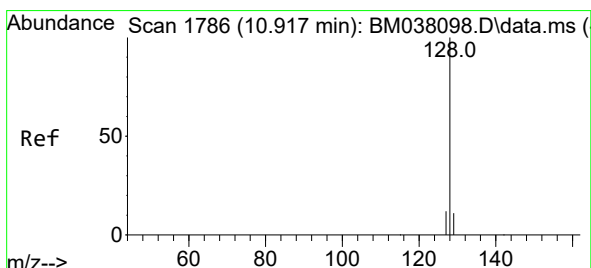
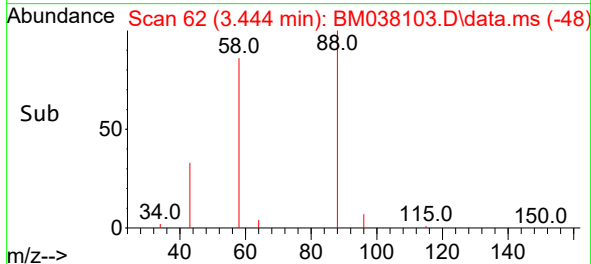
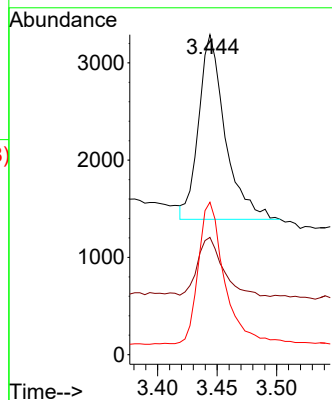
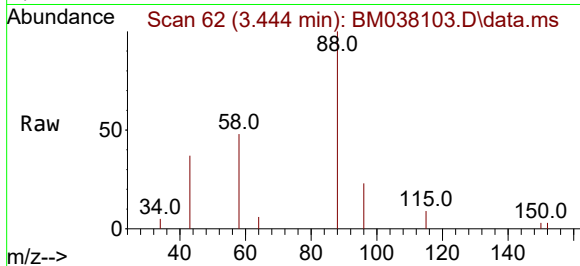




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

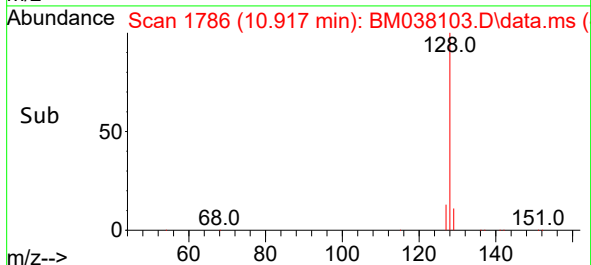
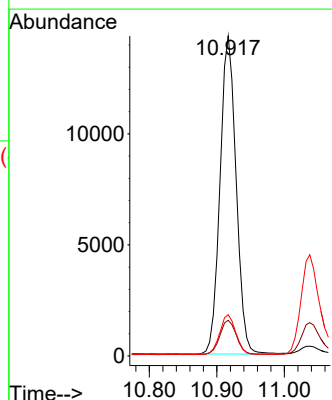
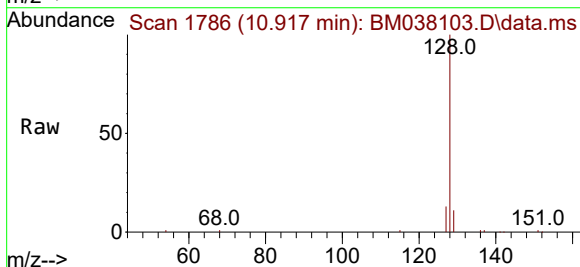
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

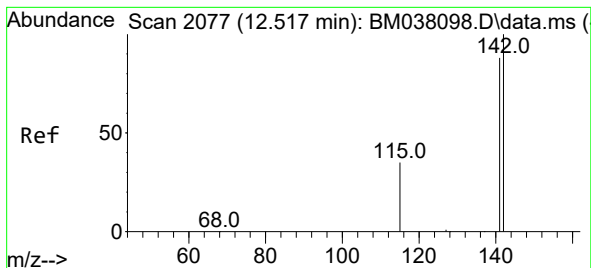
Tgt Ion: 88 Resp: 2927
Ion Ratio Lower Upper
88 100
43 36.6 31.4 47.0
58 47.7 50.2 75.2#



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion: 128 Resp: 23702
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.4 15.6

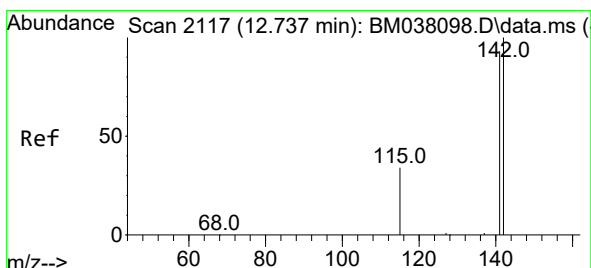
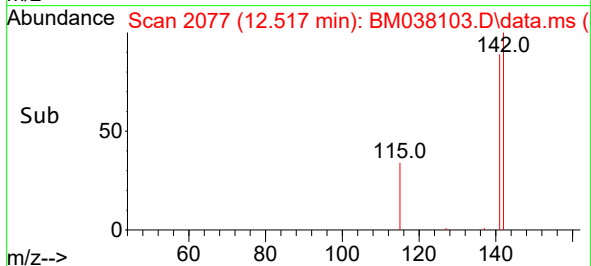
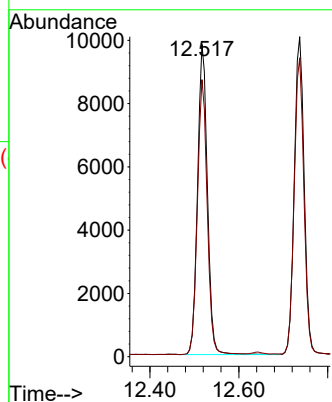
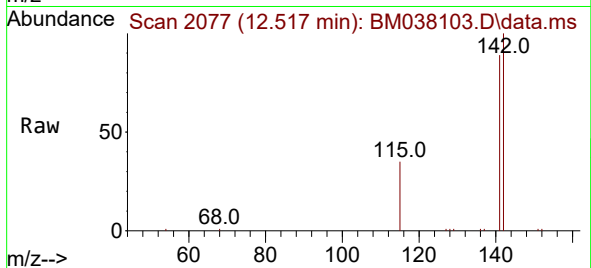




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

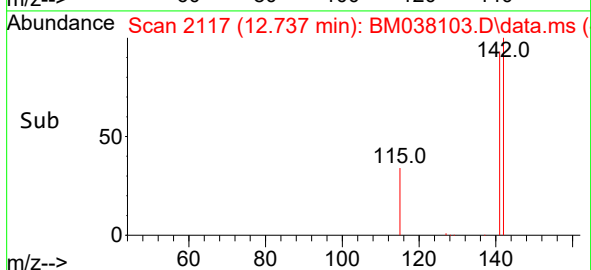
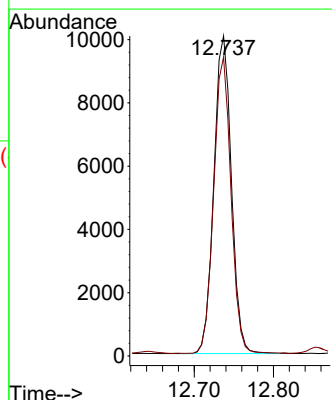
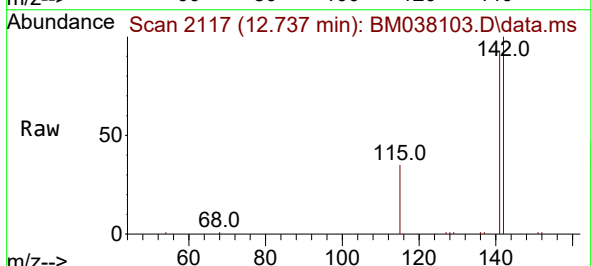
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

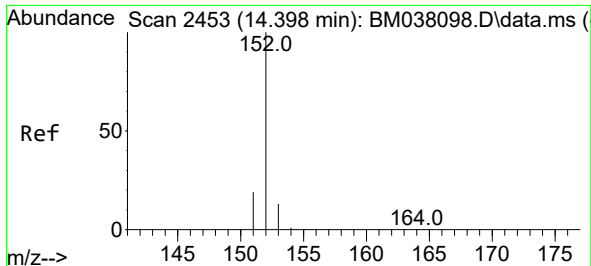
Tgt Ion:142 Resp: 15105
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:142 Resp: 15398
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

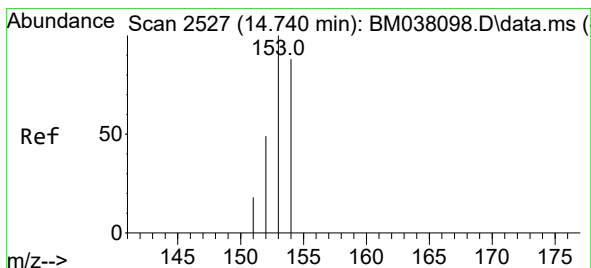
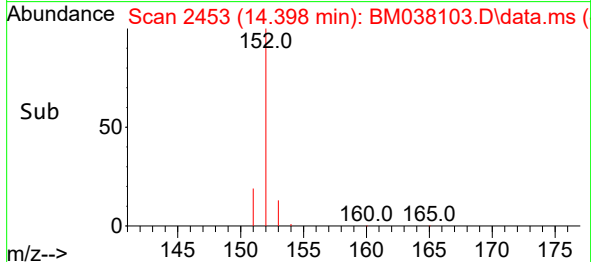
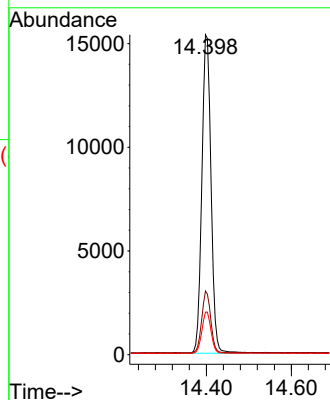
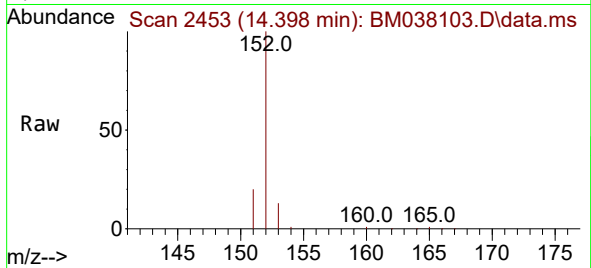




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

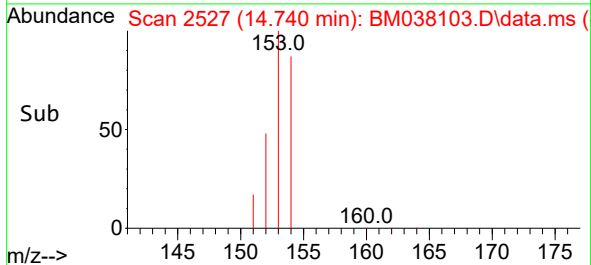
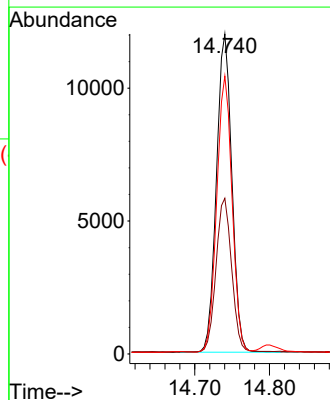
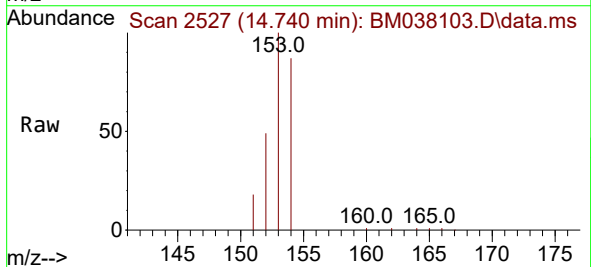
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

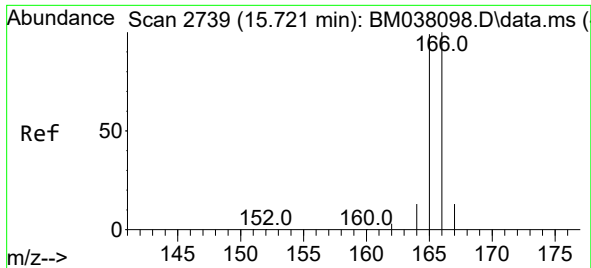
Tgt Ion:152 Resp: 23125
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.3 11.0 16.4



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:153 Resp: 17146
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 86.8 69.2 103.8

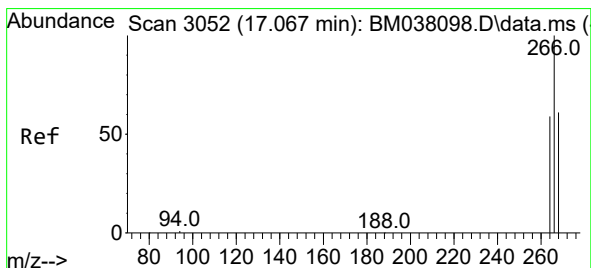
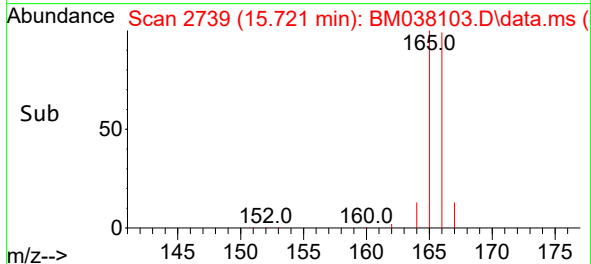
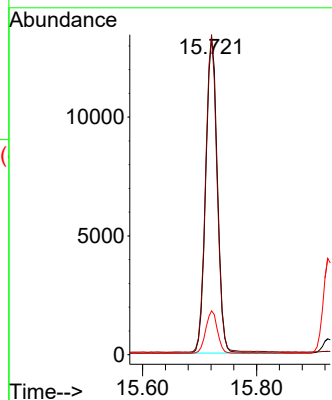
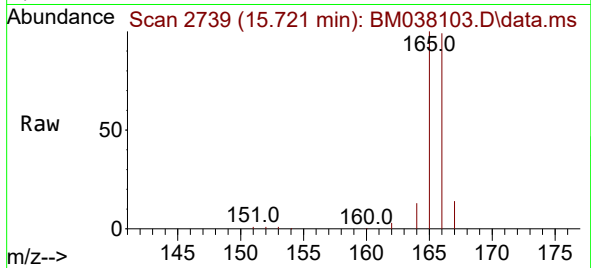




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

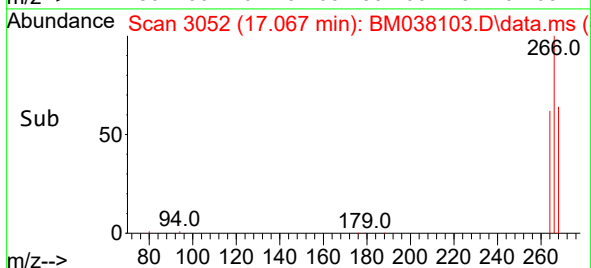
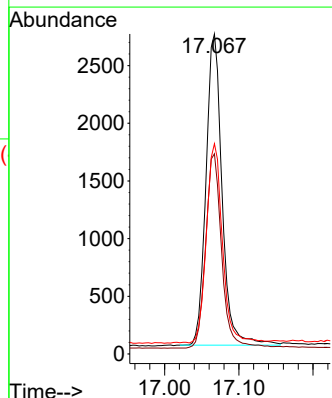
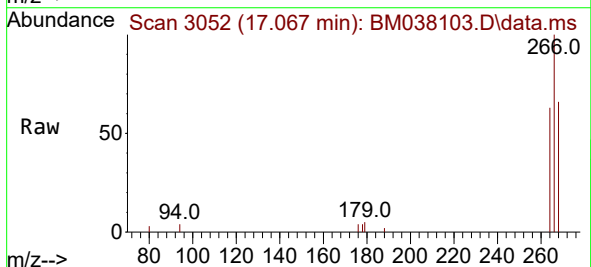
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

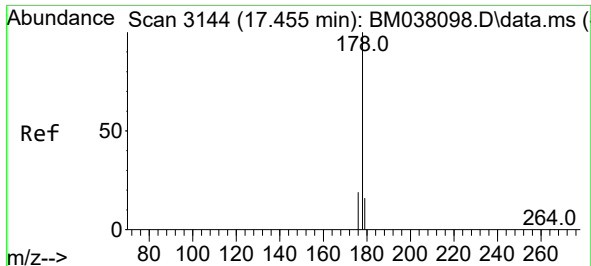
Tgt Ion:166 Resp: 18779
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.4
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:266 Resp: 4074
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 63.0 52.0 78.0

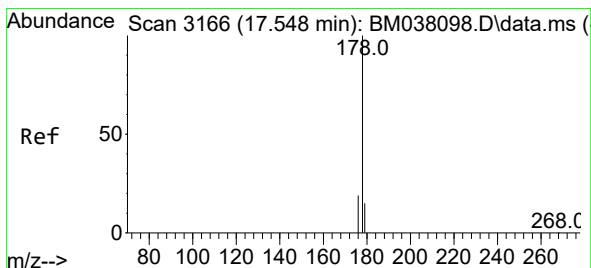
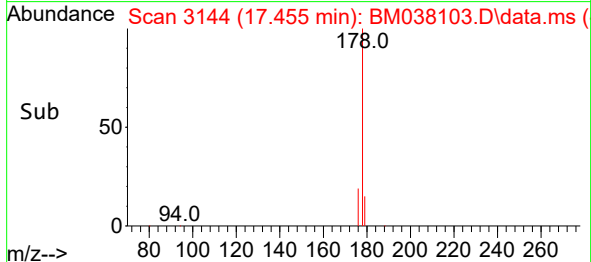
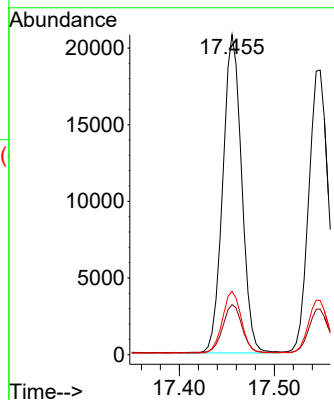
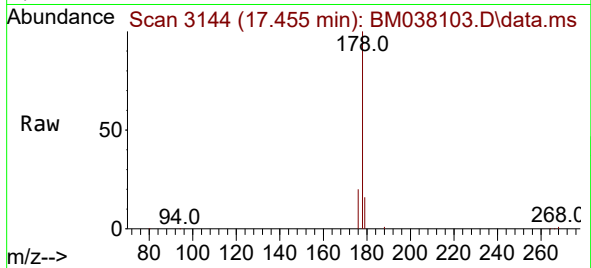




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

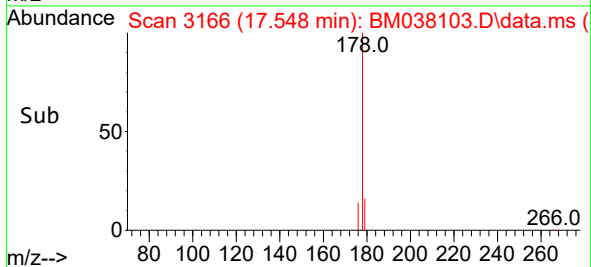
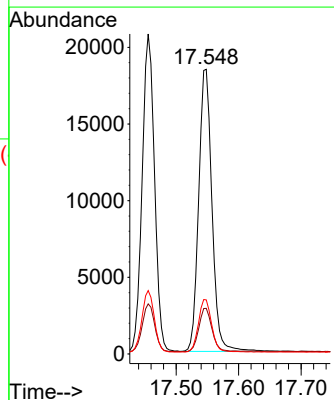
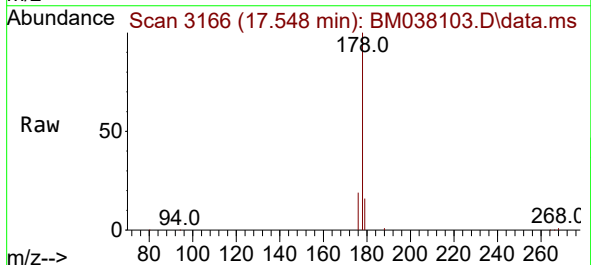
Instrument :
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SSTD0.4195

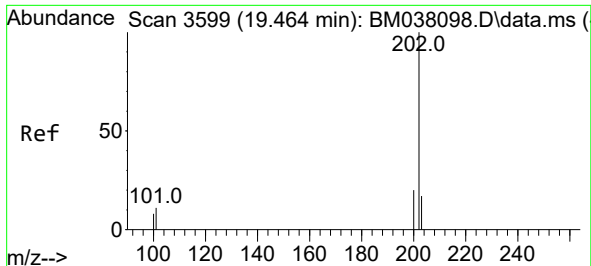
Tgt Ion:178 Resp: 28615
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:178 Resp: 27167
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.0 15.0 22.4

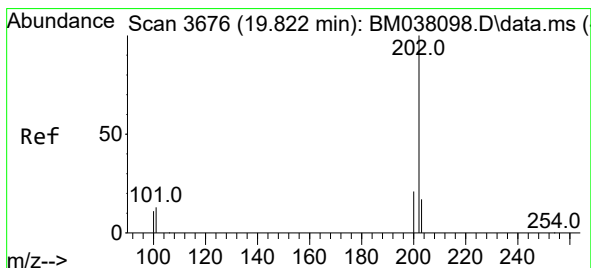
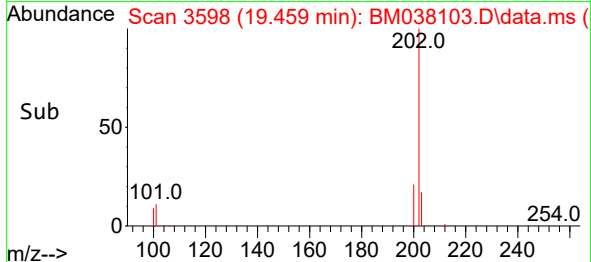
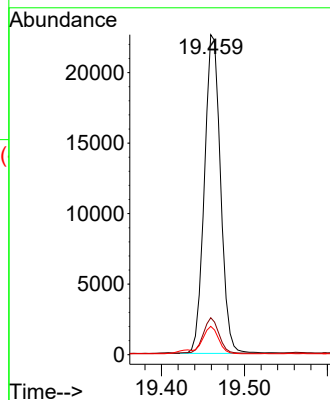
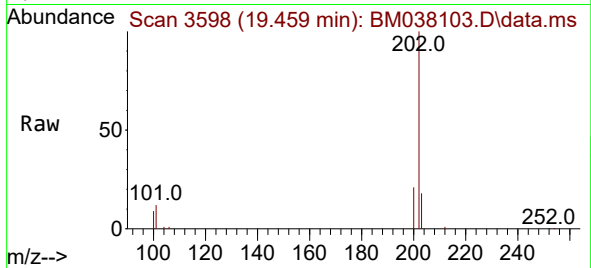




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.459 min Scan# 3599
Delta R.T. -0.004 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

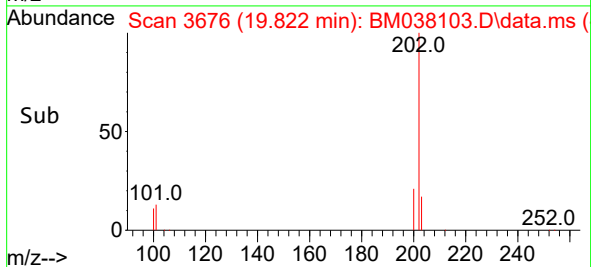
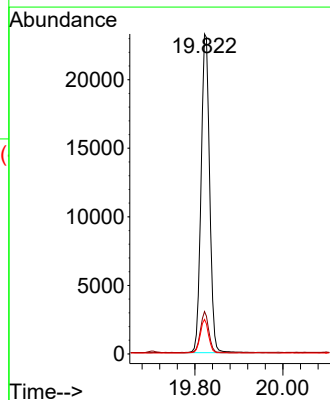
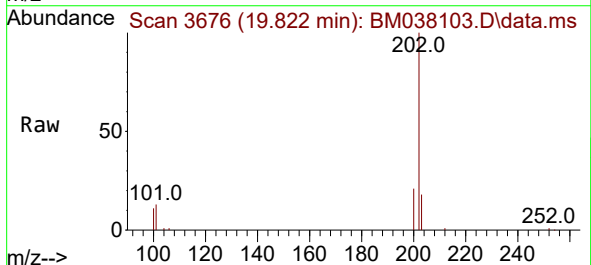
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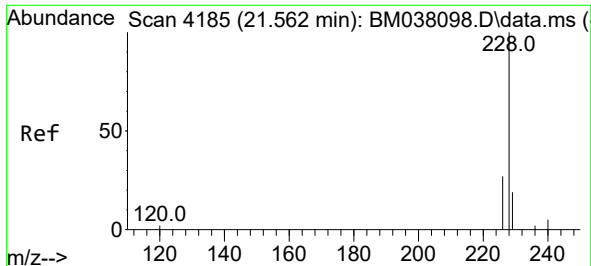
Tgt Ion:202 Resp: 30599
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.822 min Scan# 3676
Delta R.T. -0.004 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:202 Resp: 31370
Ion Ratio Lower Upper
202 100
101 13.3 12.1 18.1
100 10.8 9.8 14.6

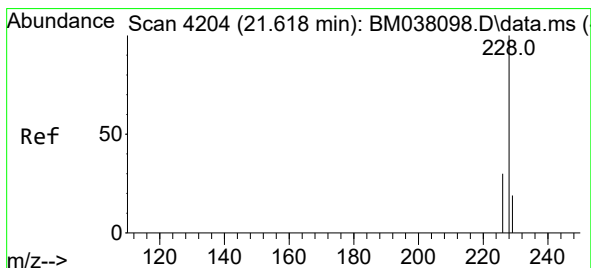
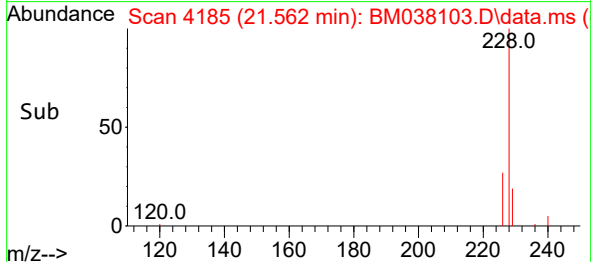
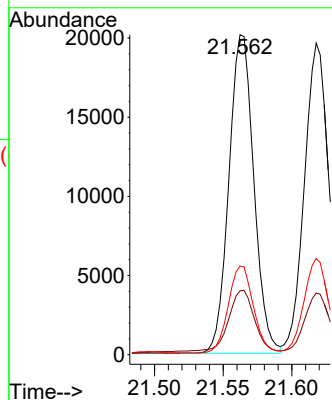
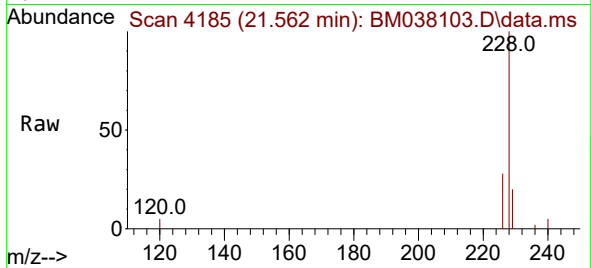




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

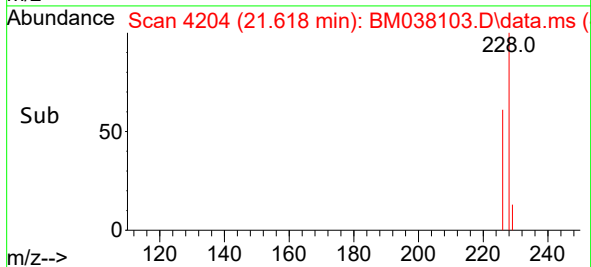
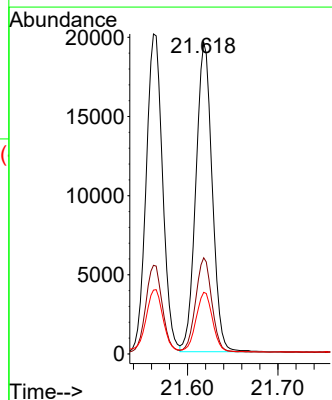
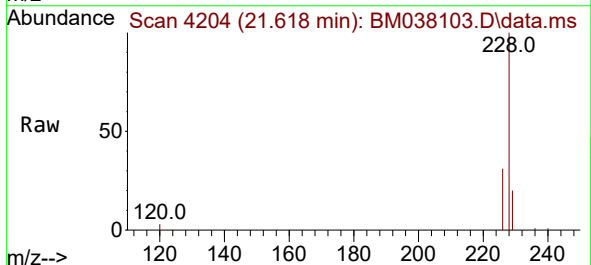
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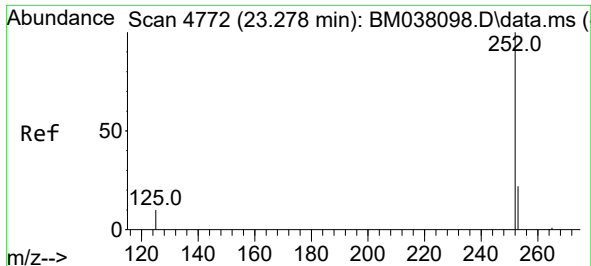
Tgt Ion:228 Resp: 25438
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:228 Resp: 24491
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 19.8 15.7 23.5

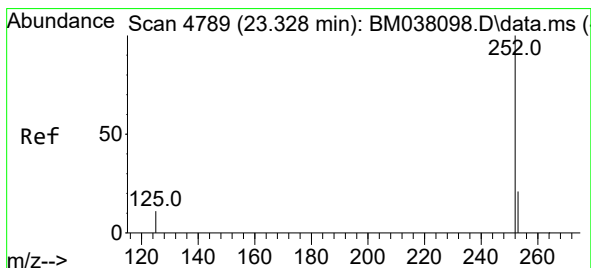
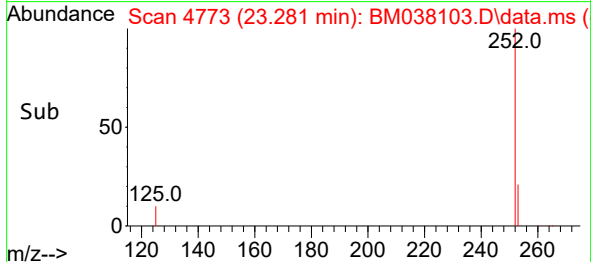
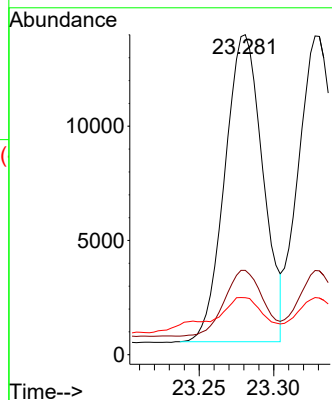
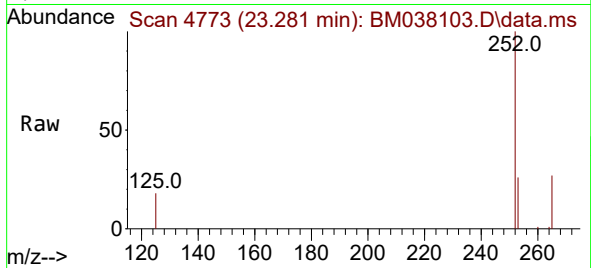




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

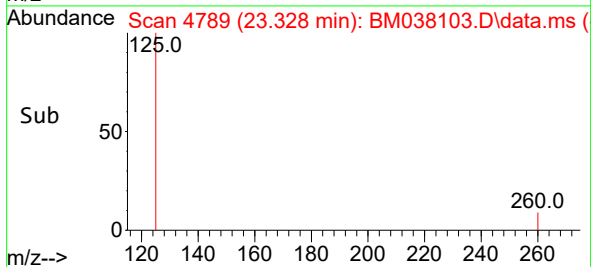
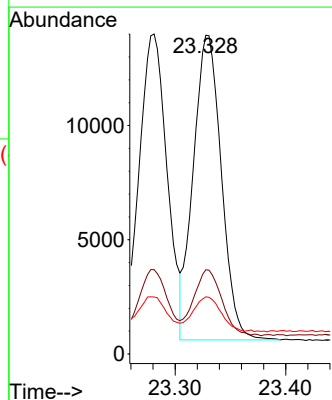
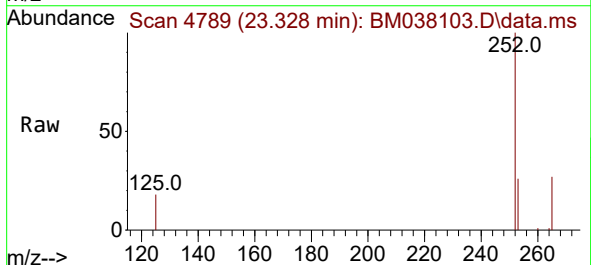
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

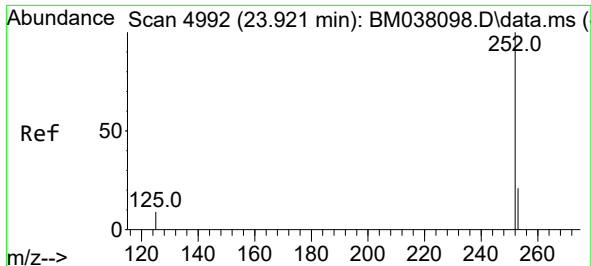
Tgt Ion:252 Resp: 23838
Ion Ratio Lower Upper
252 100
253 26.3 0.0 51.8
125 17.8 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:252 Resp: 23500
Ion Ratio Lower Upper
252 100
253 26.4 20.8 31.2
125 17.9 17.1 25.7

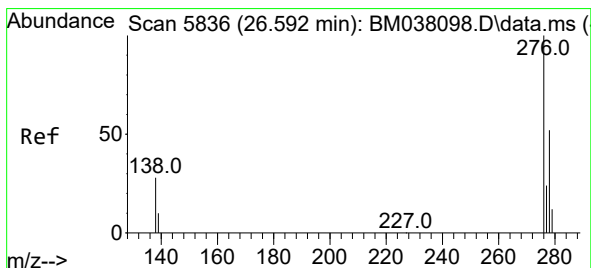
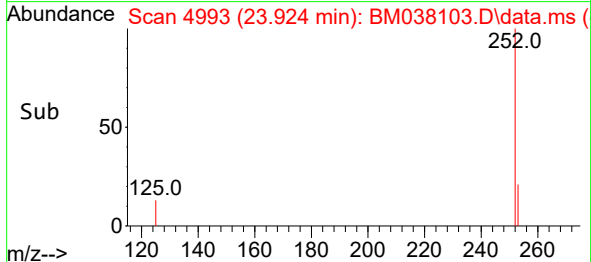
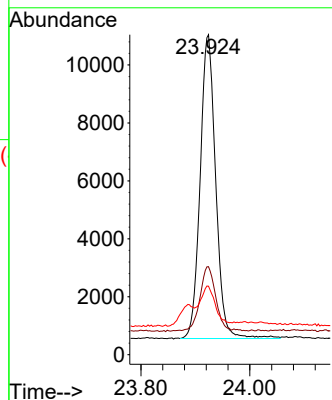
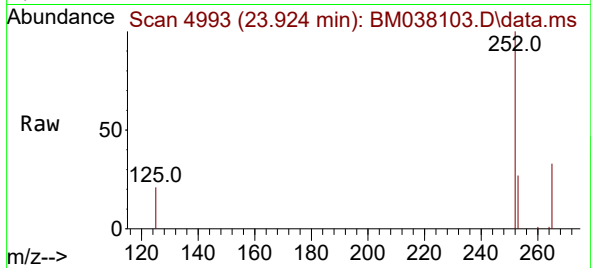




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.924 min Scan# 4992
Delta R.T. 0.000 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

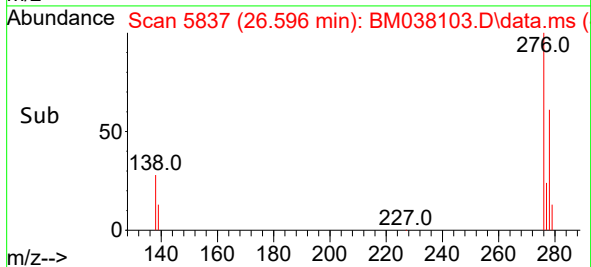
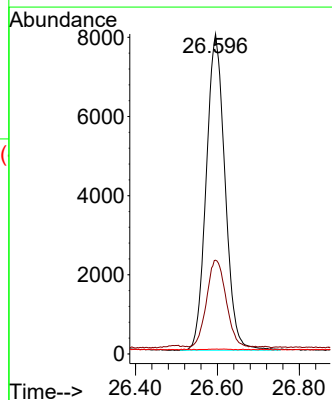
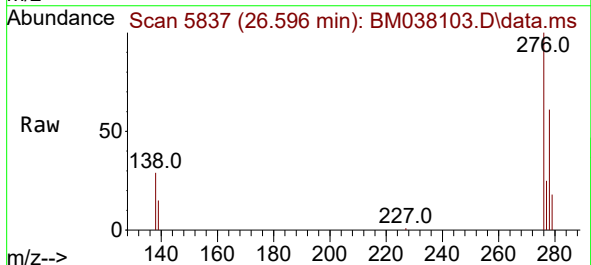
Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

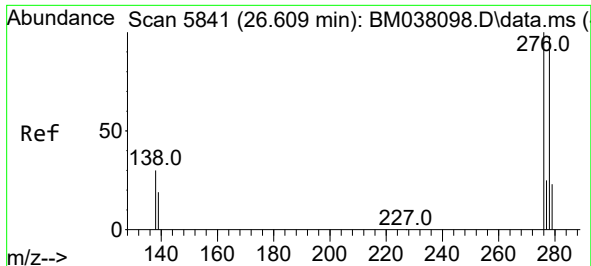
Tgt Ion:252 Resp: 20836
Ion Ratio Lower Upper
252 100
253 27.5 21.9 32.9
125 21.4 20.7 31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.596 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:276 Resp: 25477
Ion Ratio Lower Upper
276 100
138 28.6 26.6 40.0
227 0.2 0.1 0.1#

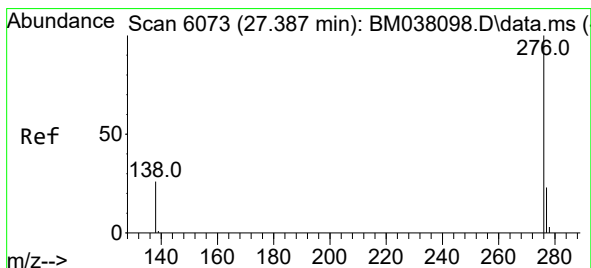
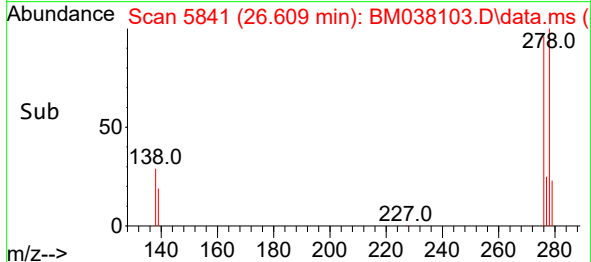
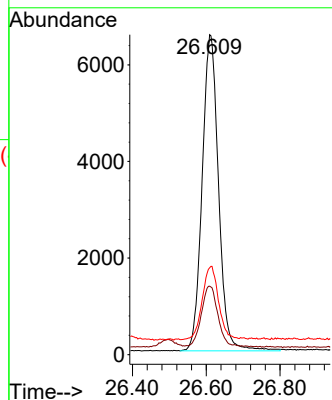
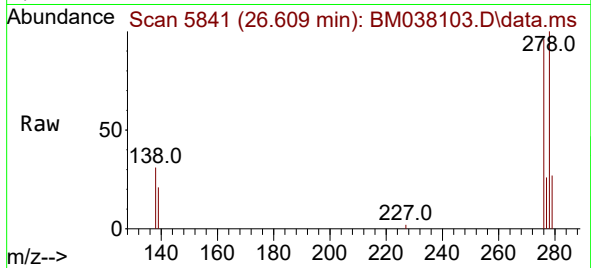




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.007 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

Tgt Ion:278 Resp: 20145
Ion Ratio Lower Upper
278 100
139 21.4 19.0 28.6
279 27.1 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038103.D
Acq: 19 Dec 2022 15:29

Tgt Ion:276 Resp: 21390
Ion Ratio Lower Upper
276 100
138 26.4 24.1 36.1
277 24.5 19.0 28.6

