

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038098.D
 Acq On : 19 Dec 2022 12:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

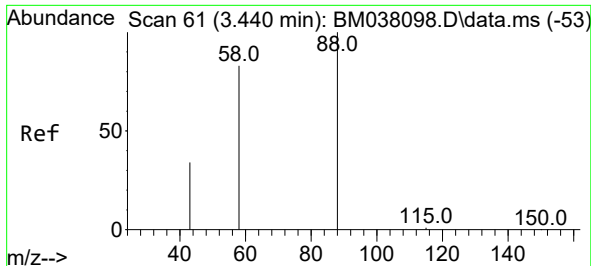
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4194

Quant Time: Dec 19 14:10:16 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	3380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	9853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	4986	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	9898	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	6313	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	6816	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	1639	0.355	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	5635	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	9695	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	1543	0.370	ng/ul	92
5) Naphthalene	10.917	128	11736	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	7119	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.737	142	7269	0.387	ng/ul	100
10) Acenaphthylene	14.398	152	10377	0.397	ng/ul	99
11) Acenaphthene	14.740	153	7875	0.397	ng/ul	99
12) Fluorene	15.721	166	8584	0.391	ng/ul	99
14) Pentachlorophenol	17.067	266	1678	0.409	ng/ul	100
15) Phenanthrene	17.455	178	12916	0.387	ng/ul	99
16) Anthracene	17.548	178	11633	0.377	ng/ul	98
19) Fluoranthene	19.464	202	13593	0.417	ng/ul	97
20) Pyrene	19.822	202	13890	0.417	ng/ul	98
21) Benzo(a)anthracene	21.562	228	11058	0.405	ng/ul	99
22) Chrysene	21.618	228	11192	0.407	ng/ul	99
24) Benzo(b)fluoranthene	23.278	252	12036	0.372	ng/ul	98
25) Benzo(k)fluoranthene	23.328	252	11287	0.362	ng/ul	98
26) Benzo(a)pyrene	23.921	252	10047	0.369	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.592	276	12999	0.380	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.609	278	9524	0.358	ng/ul	96
29) Benzo(g,h,i)perylene	27.387	276	12134	0.418	ng/ul	98

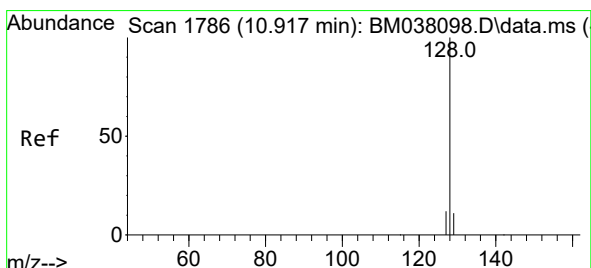
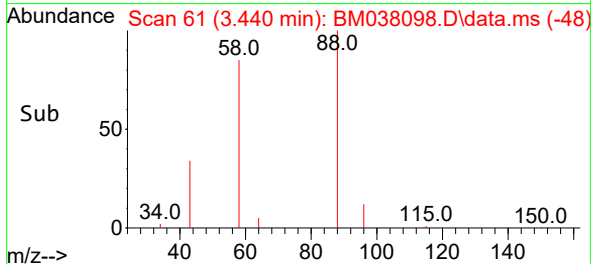
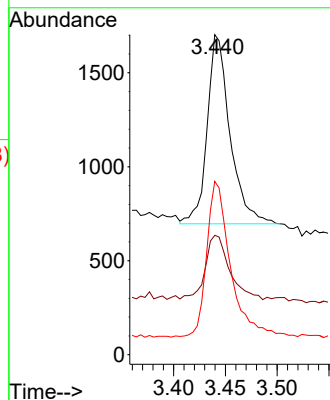
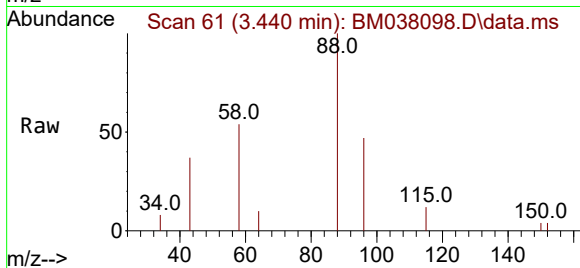
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

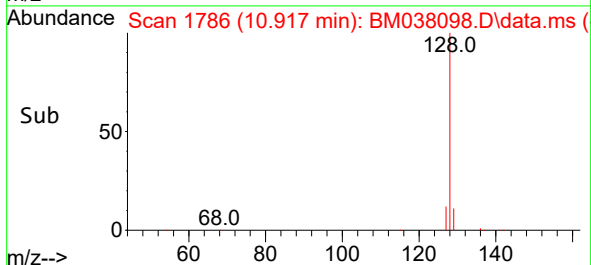
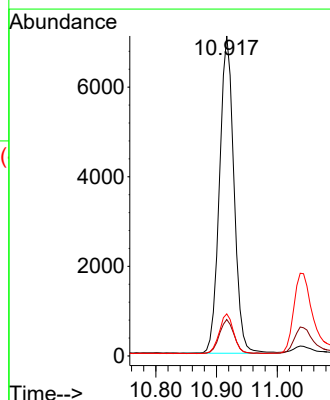
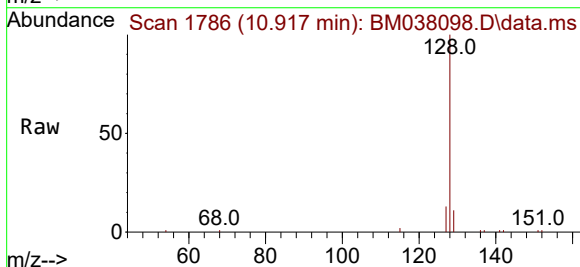
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

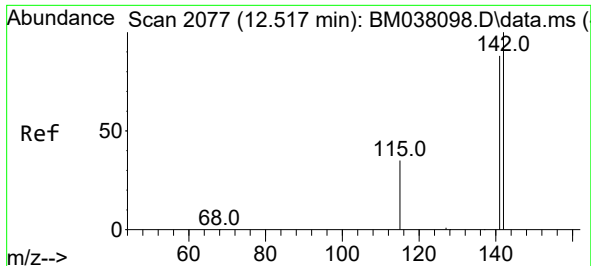
Tgt Ion: 88 Resp: 1543
Ion Ratio Lower Upper
88 100
43 37.3 31.4 47.0
58 54.1 50.2 75.2



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion: 128 Resp: 11736
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.4 15.6

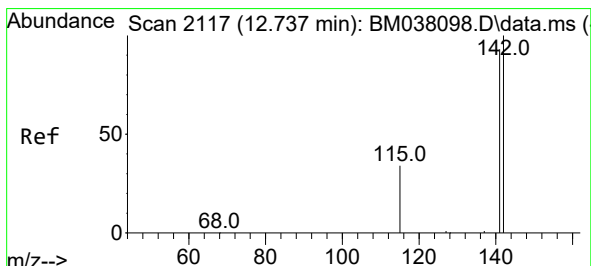
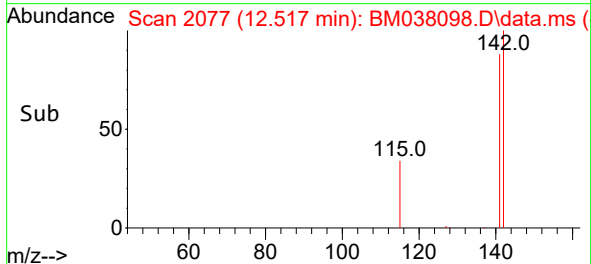
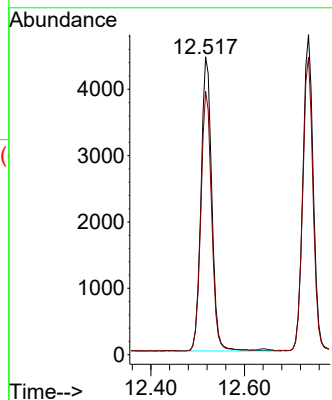
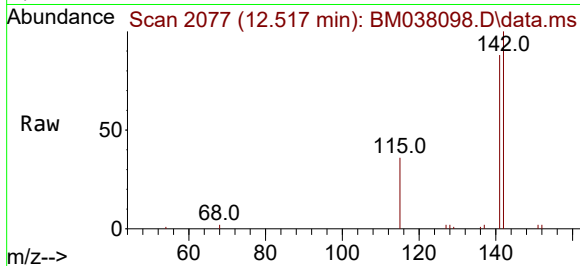




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

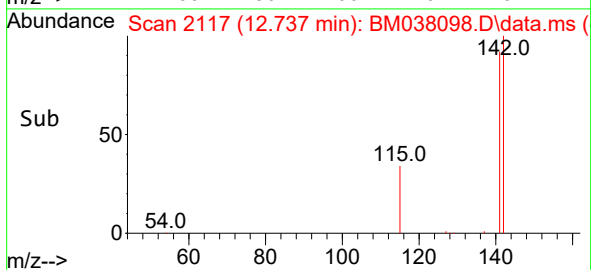
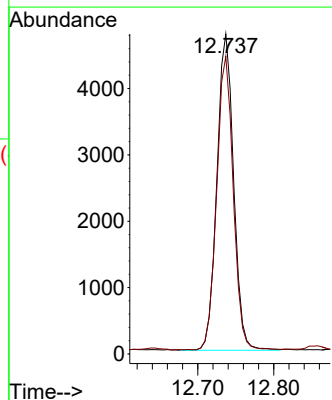
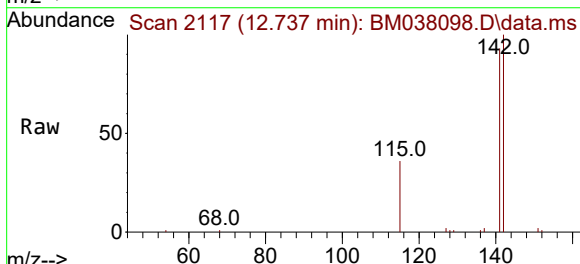
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

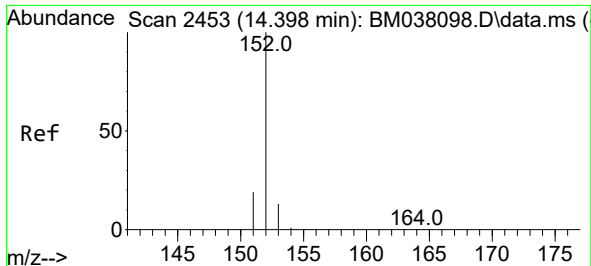
Tgt Ion:142 Resp: 7119
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4

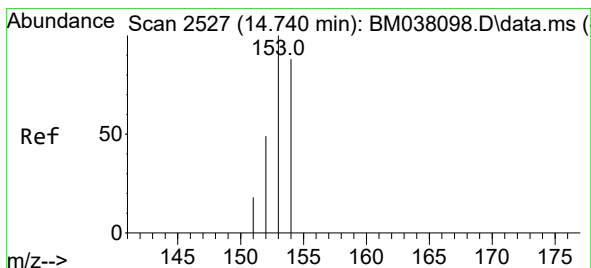
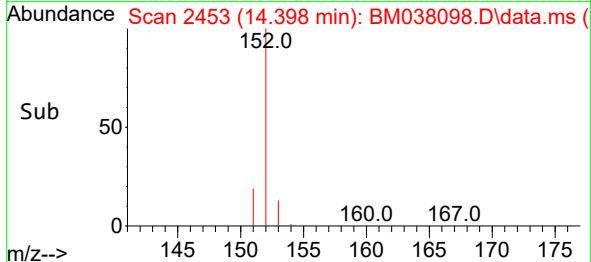
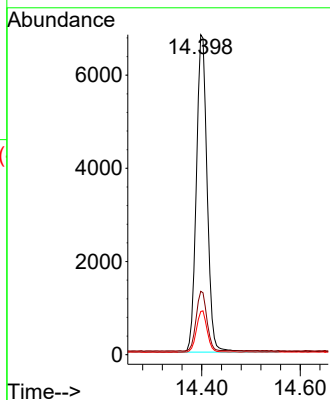
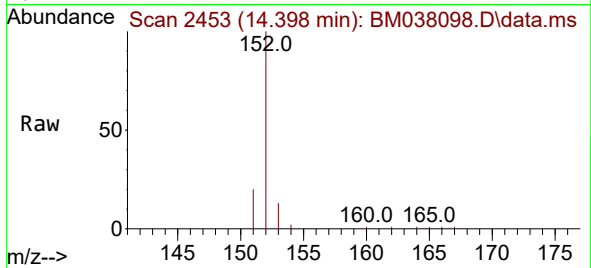




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

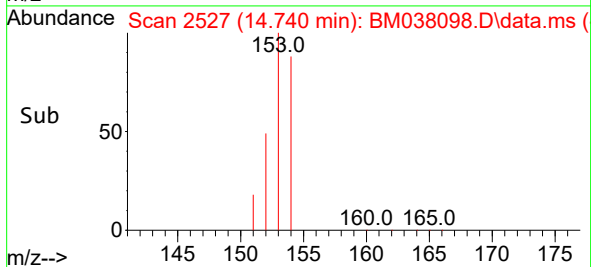
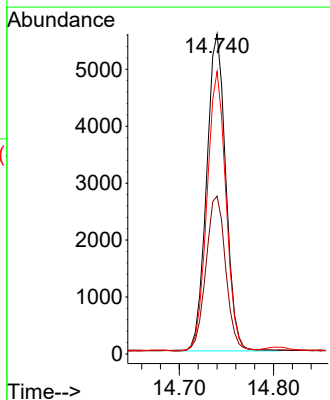
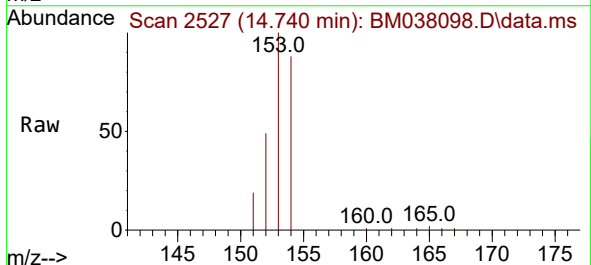
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

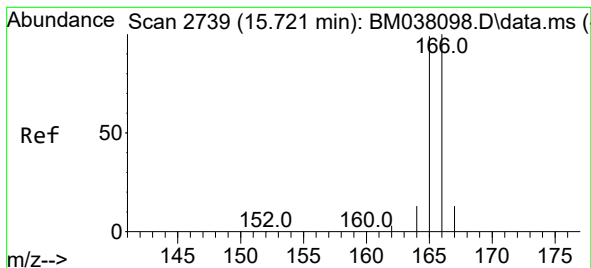
Tgt Ion:152 Resp: 10377
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:153 Resp: 7875
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 88.3 69.2 103.8





#12

Fluorene

Concen: 0.391 ng/ul

RT: 15.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038098.D

Acq: 19 Dec 2022 12:24

Instrument :

BNA_M

ClientSampleId :

SSTD0.4194

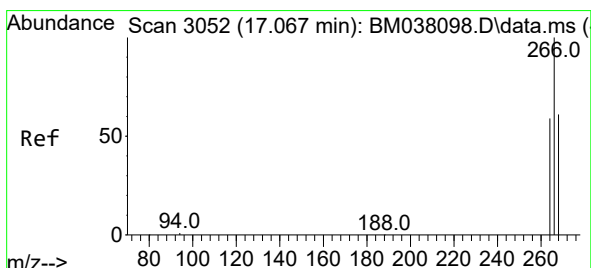
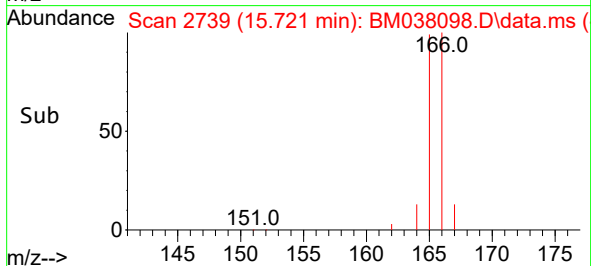
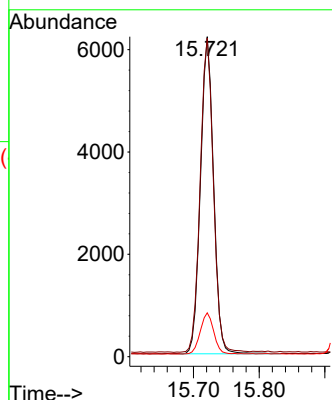
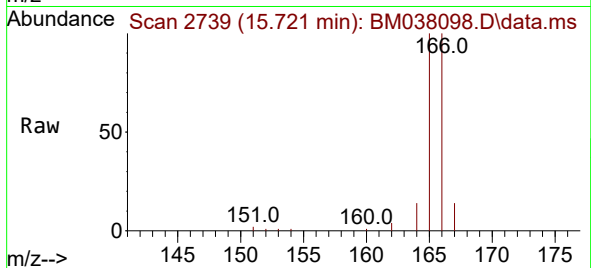
Tgt Ion:166 Resp: 8584

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

167 13.7 11.1 16.7



#14

Pentachlorophenol

Concen: 0.409 ng/ul

RT: 17.067 min Scan# 3052

Delta R.T. 0.000 min

Lab File: BM038098.D

Acq: 19 Dec 2022 12:24

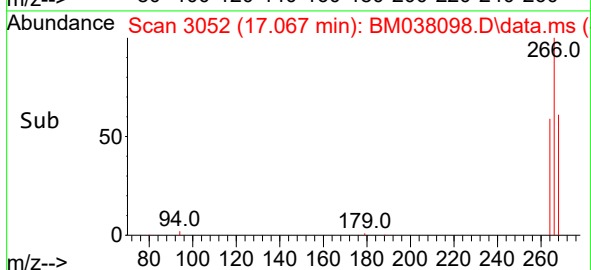
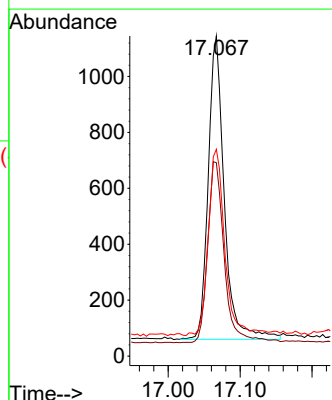
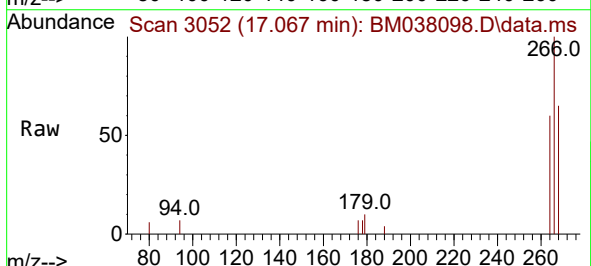
Tgt Ion:266 Resp: 1678

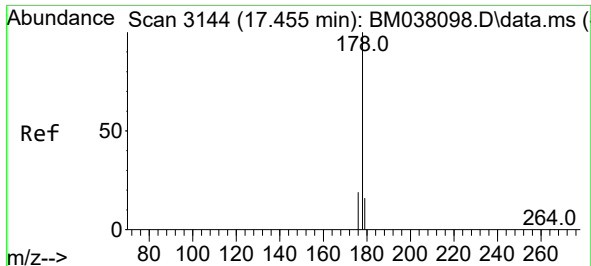
Ion Ratio Lower Upper

266 100

264 61.8 49.9 74.9

268 64.9 52.0 78.0

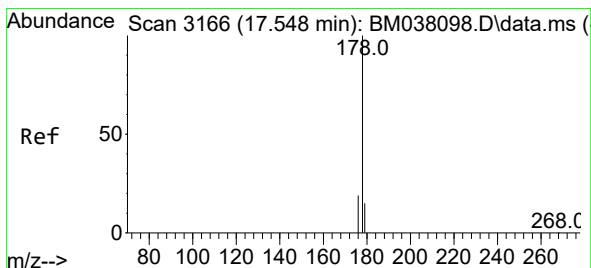
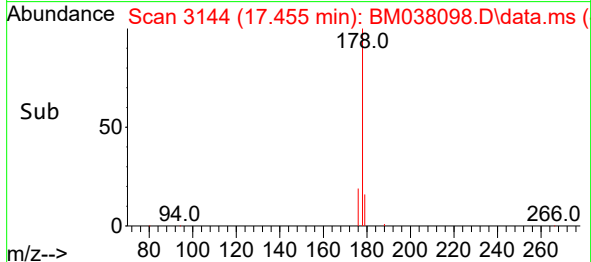
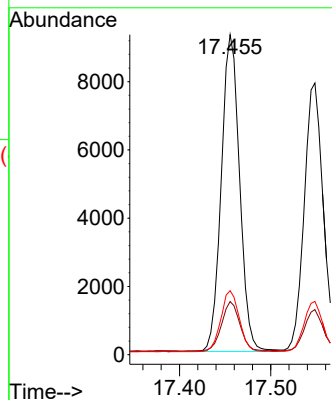
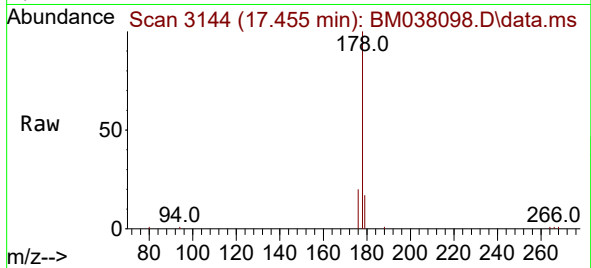




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

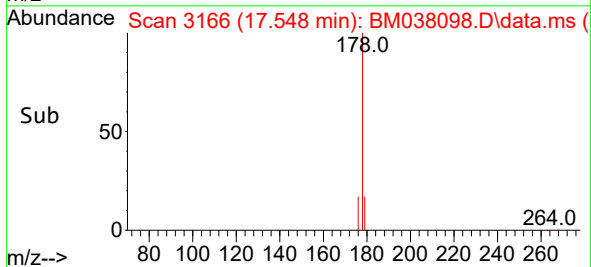
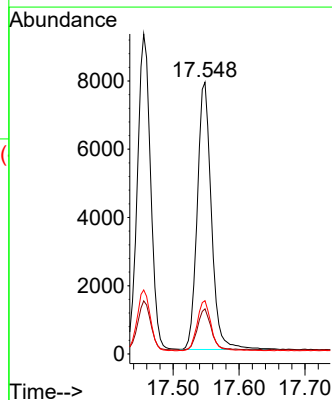
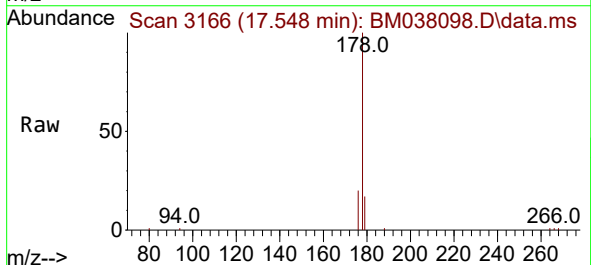
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

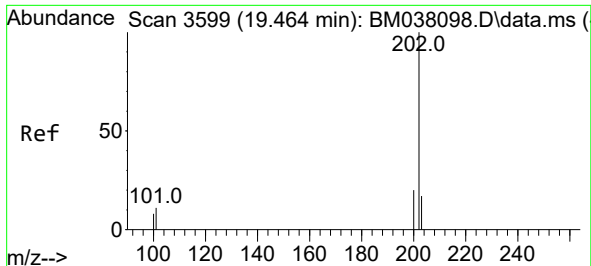
Tgt Ion:	178	Resp:	12916
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.6	19.0
176	20.0	15.8	23.6



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:	178	Resp:	11633
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.0	19.4
176	19.6	15.0	22.4

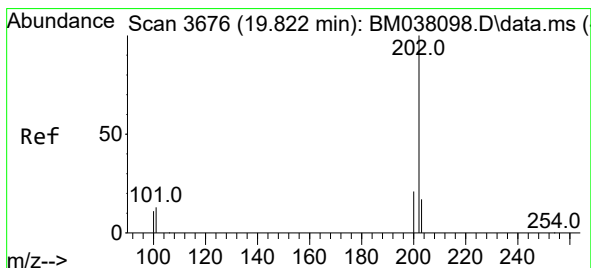
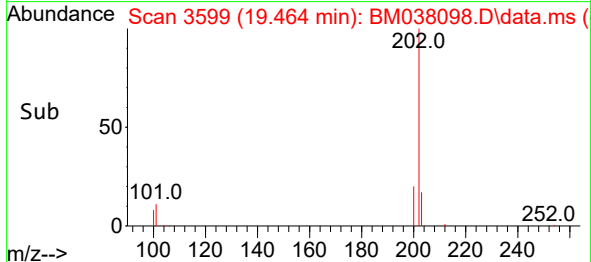
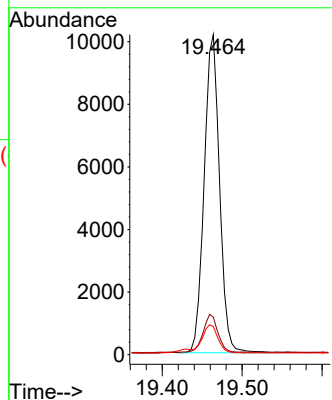
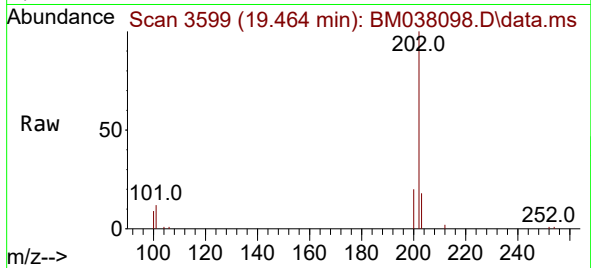




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

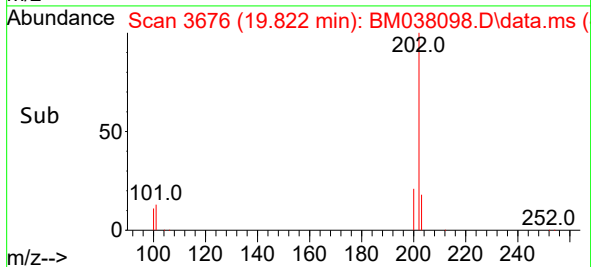
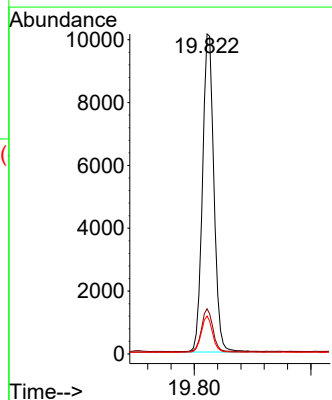
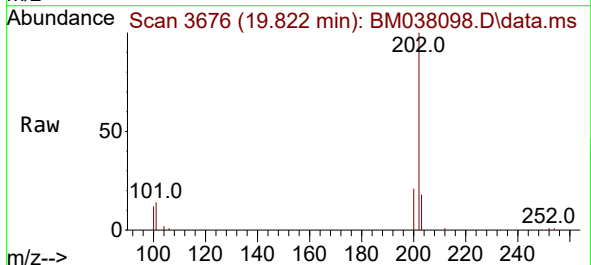
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ClientSampleId :
SSTD0.4194

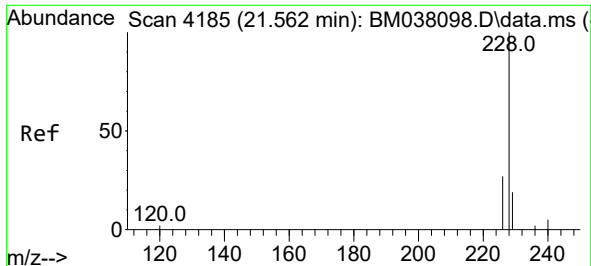
Tgt Ion:202 Resp: 13593
Ion Ratio Lower Upper
202 100
101 11.7 10.6 15.8
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:202 Resp: 13890
Ion Ratio Lower Upper
202 100
101 14.1 12.1 18.1
100 11.9 9.8 14.6

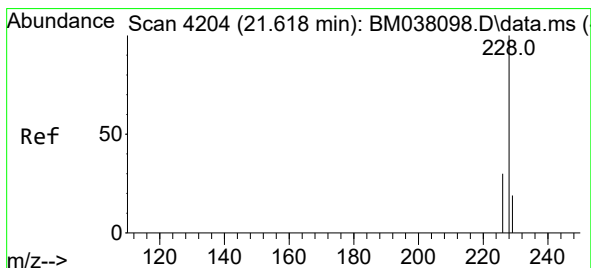
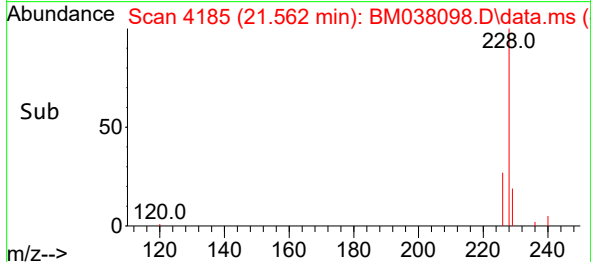
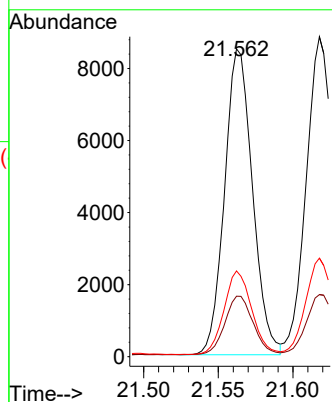
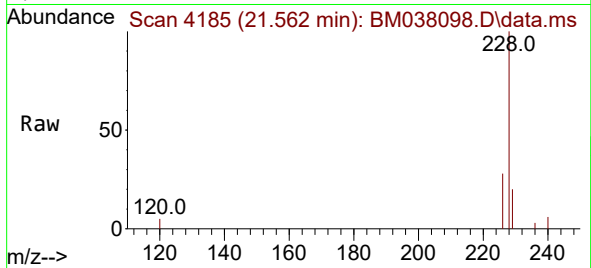




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

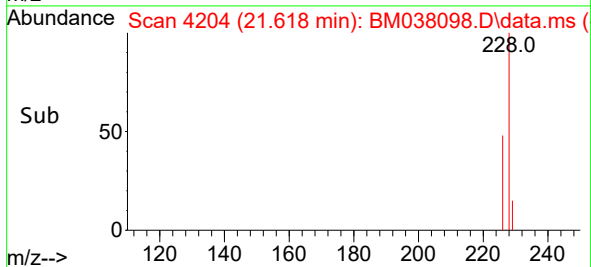
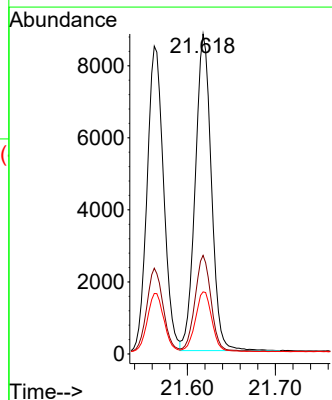
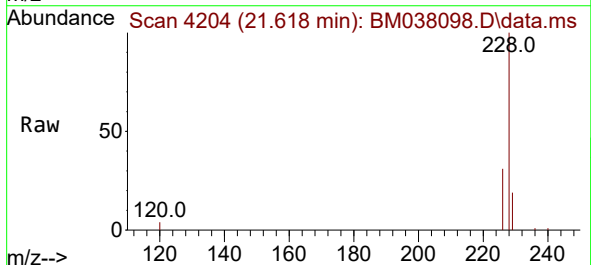
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

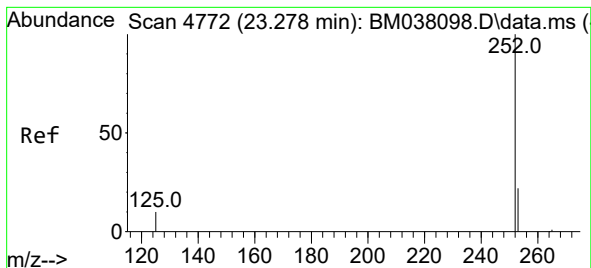
Tgt Ion:228 Resp: 11058
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:228 Resp: 11192
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 19.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.372 ng/ul

RT: 23.278 min Scan# 4772

Delta R.T. -0.003 min

Lab File: BM038098.D

Acq: 19 Dec 2022 12:24

Instrument :

BNA_M

ClientSampleId :

SSTD0.4194

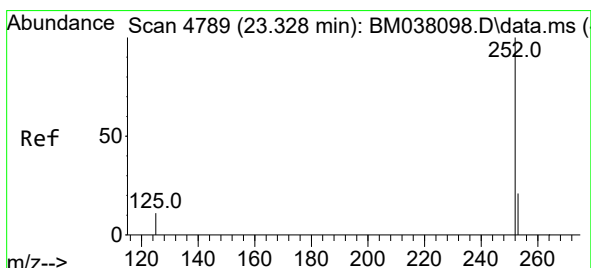
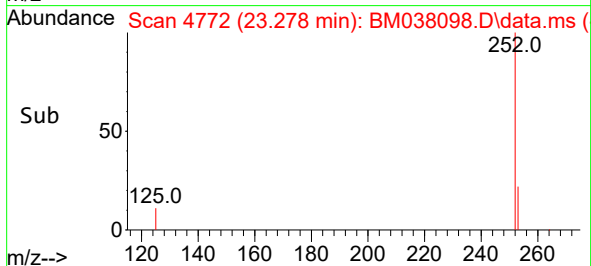
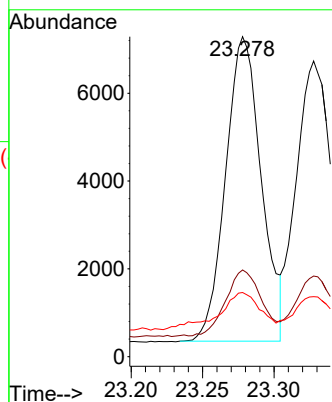
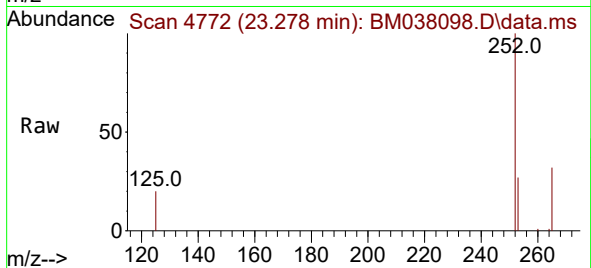
Tgt Ion:252 Resp: 12036

Ion Ratio Lower Upper

252 100

253 27.1 0.0 51.8

125 20.1 0.0 42.2



#25

Benzo(k)fluoranthene

Concen: 0.362 ng/ul

RT: 23.328 min Scan# 4789

Delta R.T. -0.003 min

Lab File: BM038098.D

Acq: 19 Dec 2022 12:24

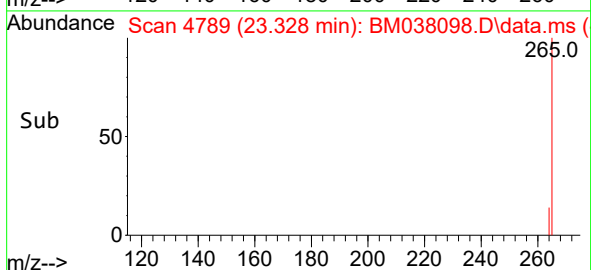
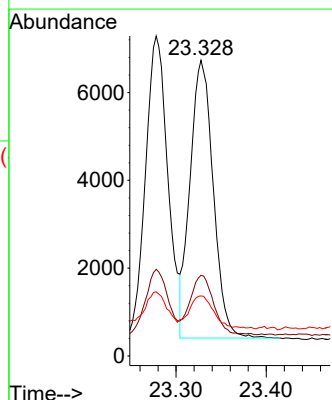
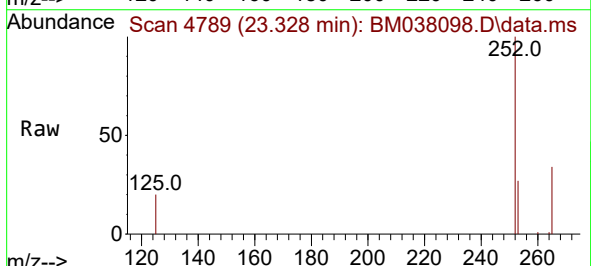
Tgt Ion:252 Resp: 11287

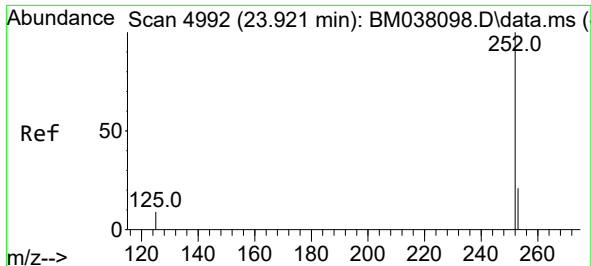
Ion Ratio Lower Upper

252 100

253 27.3 20.8 31.2

125 20.3 17.1 25.7

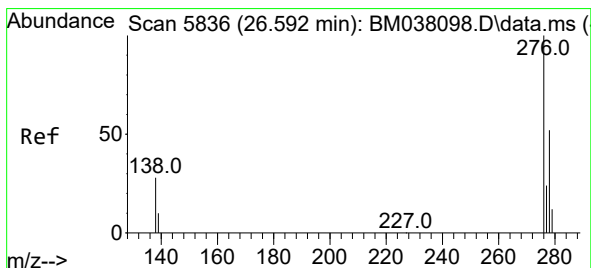
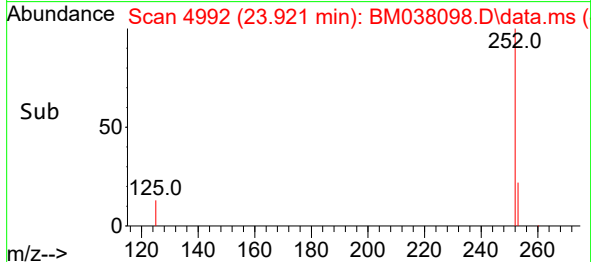
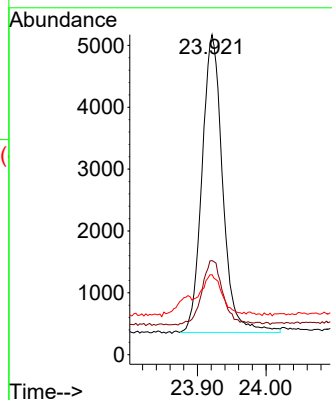
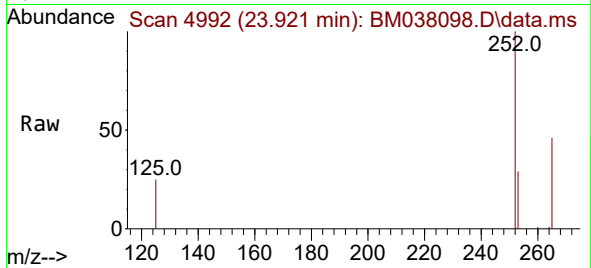




#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

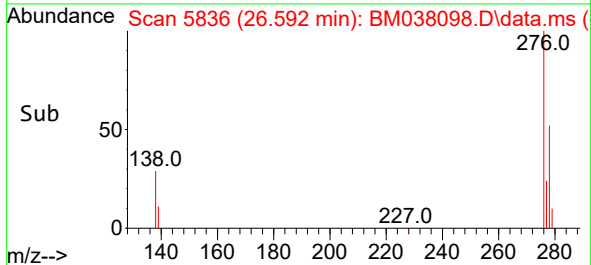
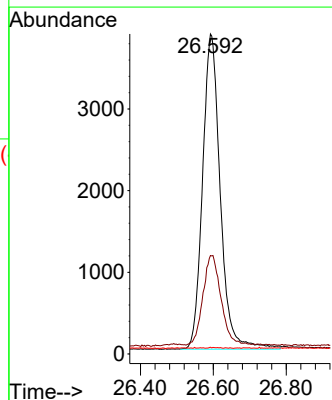
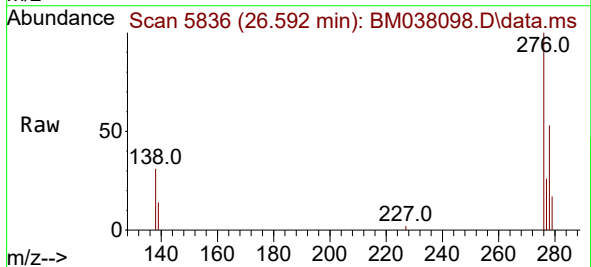
Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

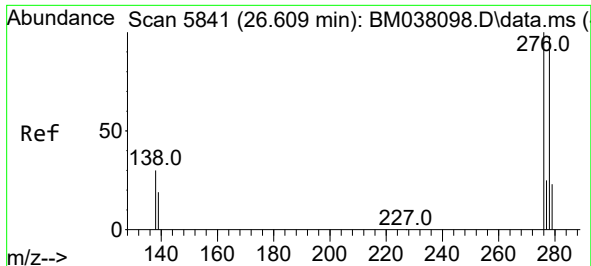
Tgt Ion:	252	Resp:	10047
Ion Ratio	Lower	Upper	
252	100		
253	29.4	21.9	32.9
125	25.0	20.7	31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:	276	Resp:	12999
Ion Ratio	Lower	Upper	
276	100		
138	29.3	26.6	40.0
227	0.1	0.1	0.1

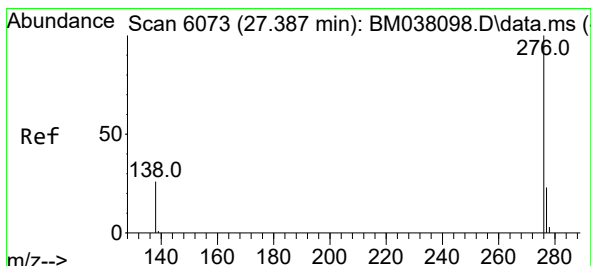
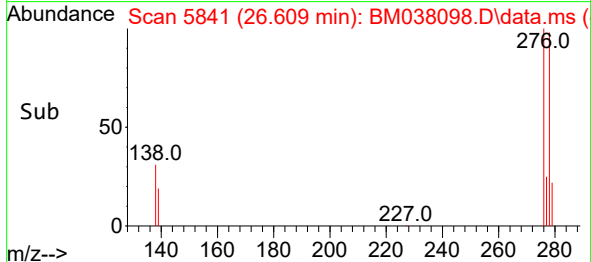
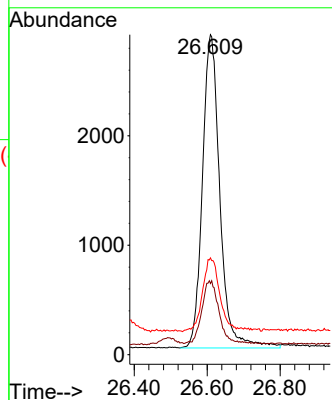
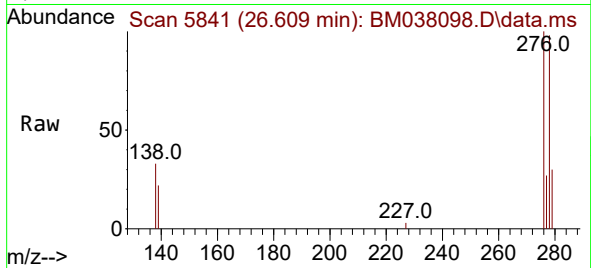




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.007 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

Tgt Ion:278 Resp: 9524
Ion Ratio Lower Upper
278 100
139 22.2 19.0 28.6
279 30.3 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038098.D
Acq: 19 Dec 2022 12:24

Tgt Ion:276 Resp: 12134
Ion Ratio Lower Upper
276 100
138 28.7 24.1 36.1
277 24.9 19.0 28.6

