

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038025.D
 Acq On : 15 Dec 2022 10:55
 Operator : CG/JU
 Sample : SSTD0.406
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

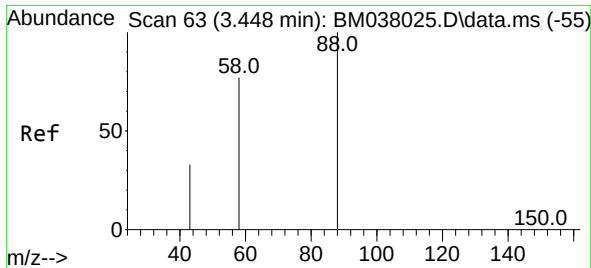
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4017

Quant Time: Dec 15 21:42:51 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 : Thu Dec 15 21:40:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	3527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	10180	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	5362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	11266	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	7402	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	7352	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	1912	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5878	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	11025	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	1764	0.358	ng/ul	100
5) Naphthalene	10.927	128	12187	0.392	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	7494	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	7619	0.406	ng/ul	100
10) Acenaphthylene	14.407	152	11262	0.370	ng/ul	100
11) Acenaphthene	14.749	153	8554	0.392	ng/ul	100
12) Fluorene	15.730	166	9491	0.379	ng/ul	100
14) Pentachlorophenol	17.071	266	1784	0.372	ng/ul	100
15) Phenanthrene	17.464	178	14708	0.377	ng/ul	100
16) Anthracene	17.557	178	13611	0.381	ng/ul	100
19) Fluoranthene	19.468	202	15539	0.397	ng/ul	100
20) Pyrene	19.831	202	15896	0.400	ng/ul	100
21) Benzo(a)anthracene	21.568	228	13034	0.386	ng/ul	100
22) Chrysene	21.623	228	13393	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.287	252	13301	0.326	ng/ul	100
25) Benzo(k)fluoranthene	23.336	252	13204	0.345	ng/ul	100
26) Benzo(a)pyrene	23.930	252	11159	0.337	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.609	276	14298	0.355	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.622	278	11227	0.363	ng/ul	100
29) Benzo(g,h,i)perylene	27.400	276	12319	0.368	ng/ul	100

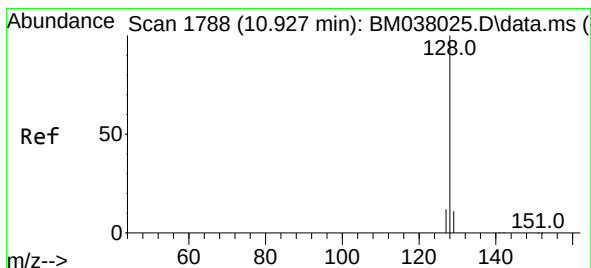
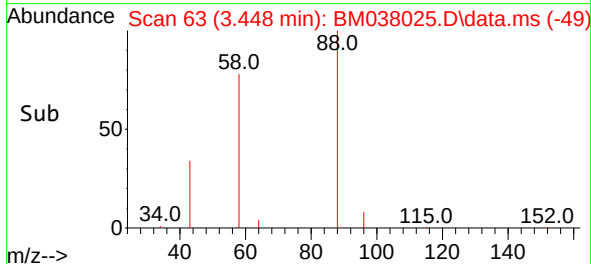
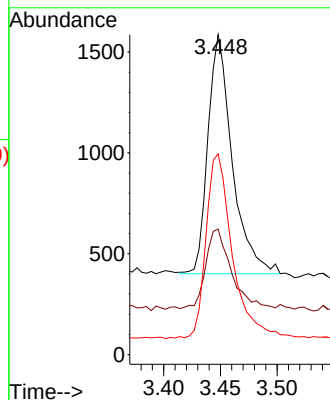
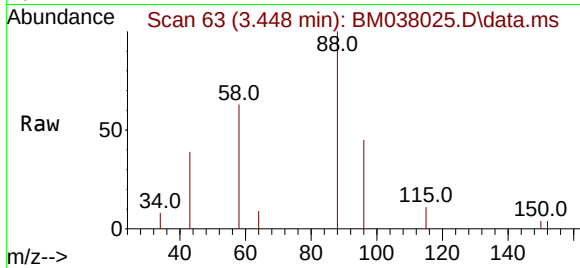
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.358 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

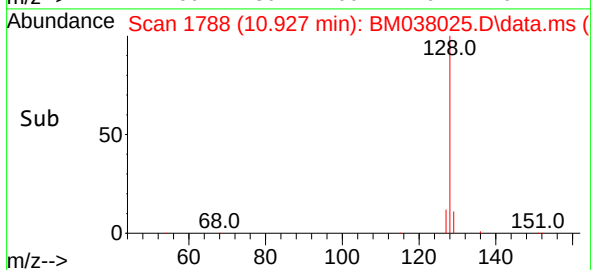
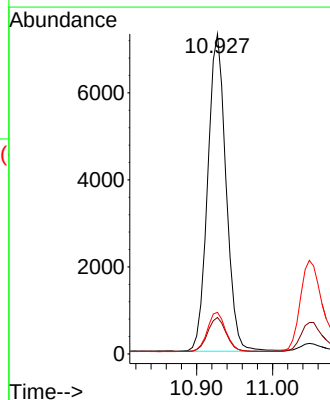
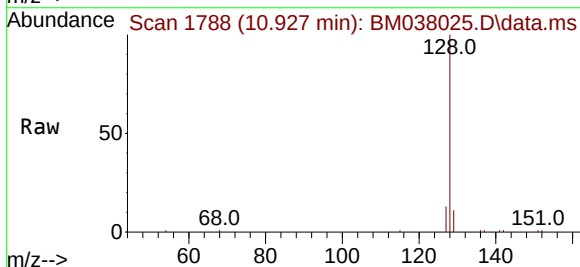
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

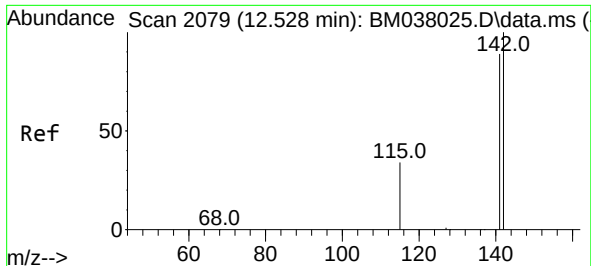
Tgt Ion: 88 Resp: 1764
Ion Ratio Lower Upper
88 100
43 39.2 31.4 47.0
58 62.7 50.2 75.2



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.927 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion: 128 Resp: 12187
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 10.4 15.6

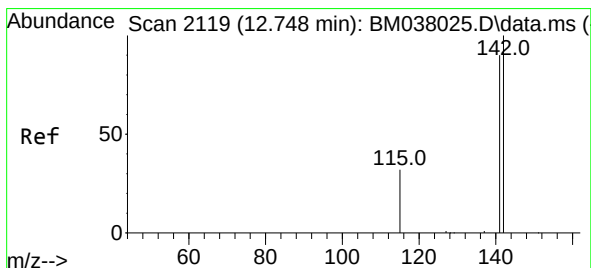
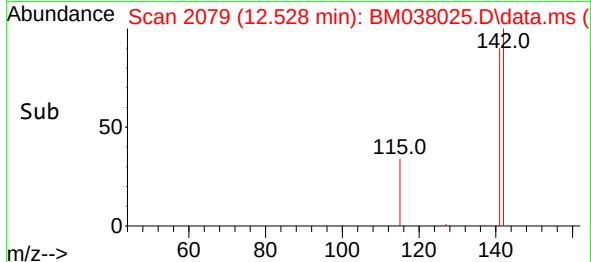
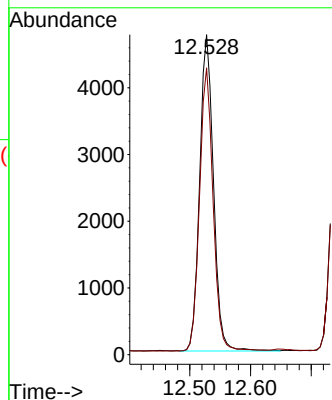
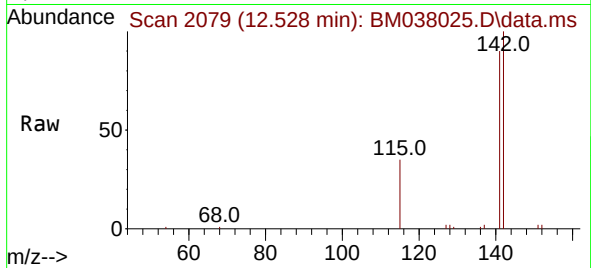




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

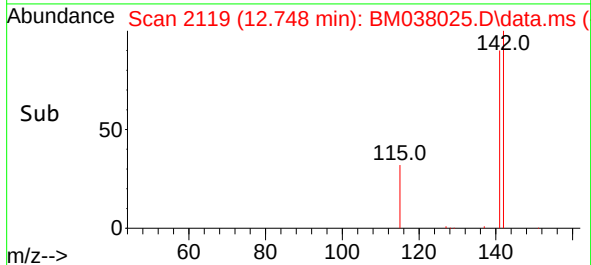
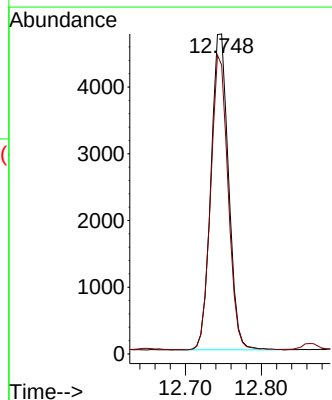
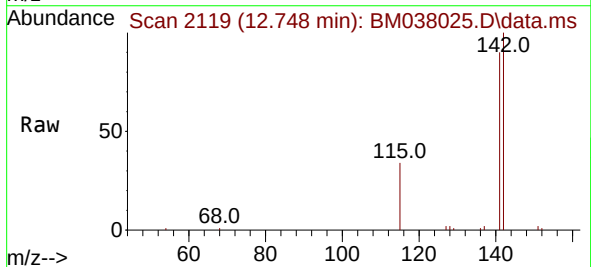
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

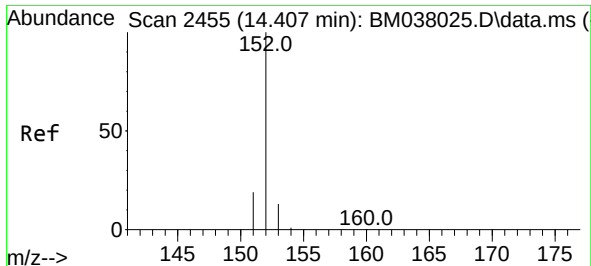
Tgt Ion:142 Resp: 7494
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:142 Resp: 7619
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

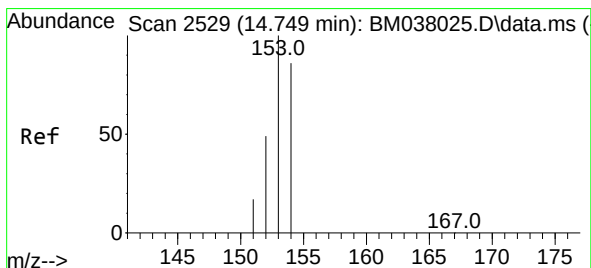
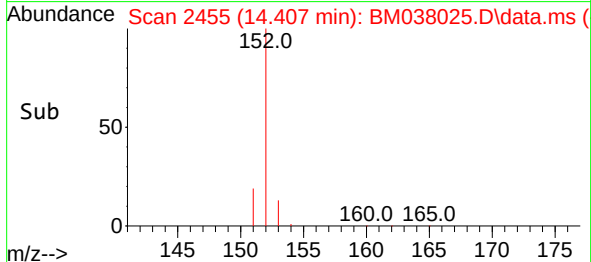
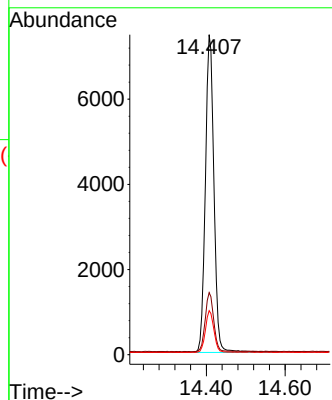
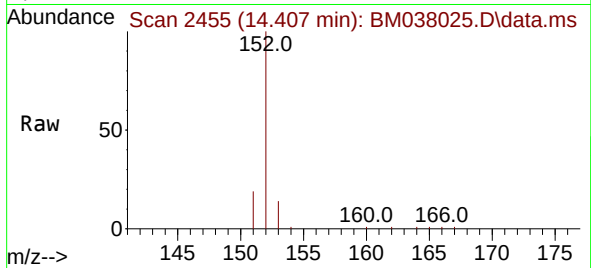




#10
Acenaphthylene
Concen: 0.370 ng/u1
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

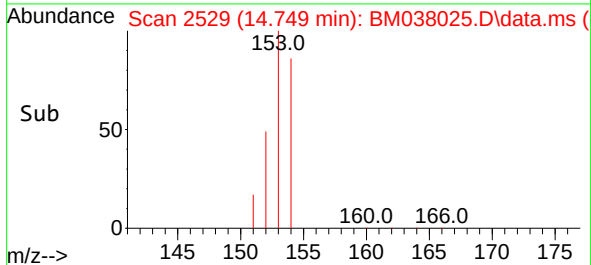
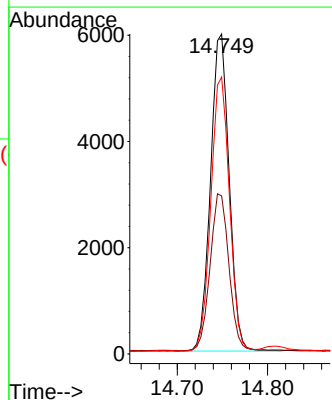
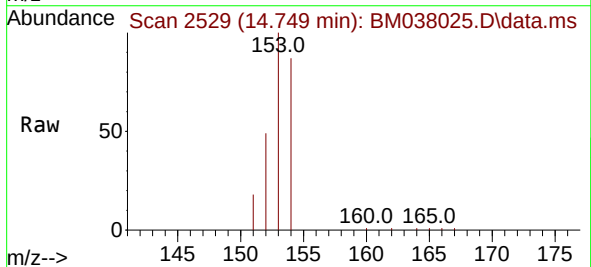
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

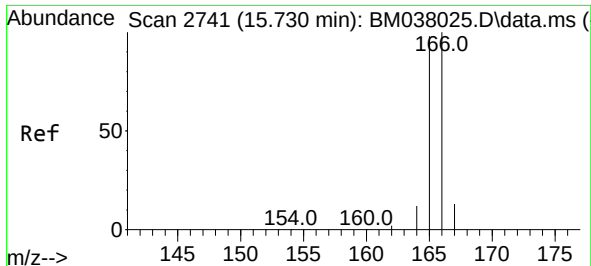
Tgt Ion:152 Resp: 11262
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.7 11.0 16.4



#11
Acenaphthene
Concen: 0.392 ng/u1
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:153 Resp: 8554
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 86.5 69.2 103.8

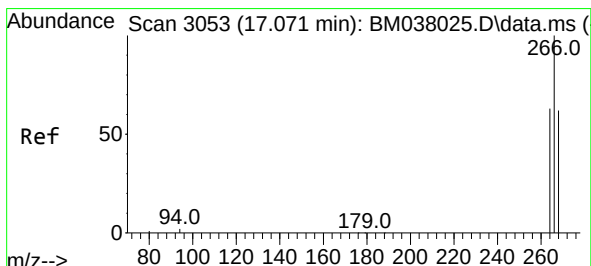
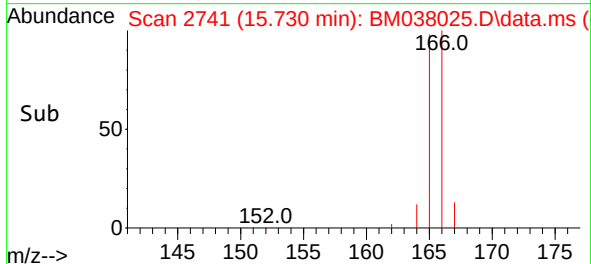
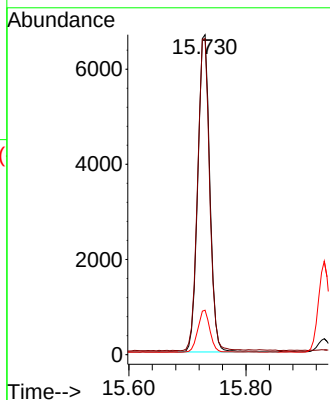
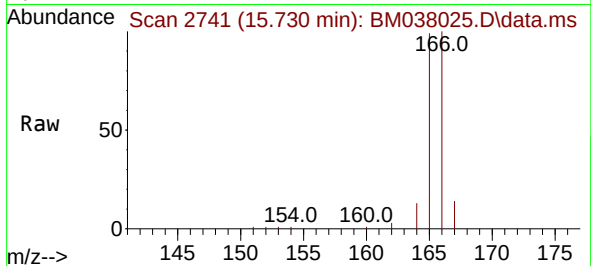




#12
 Fluorene
 Concen: 0.379 ng/ul
 RT: 15.730 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038025.D
 Acq: 15 Dec 2022 10:55

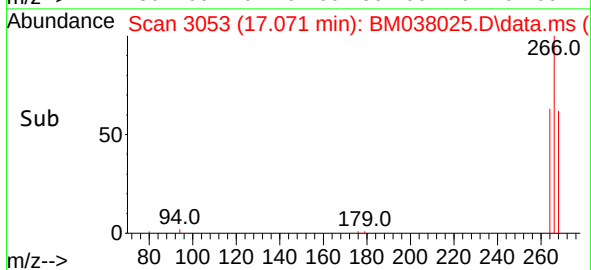
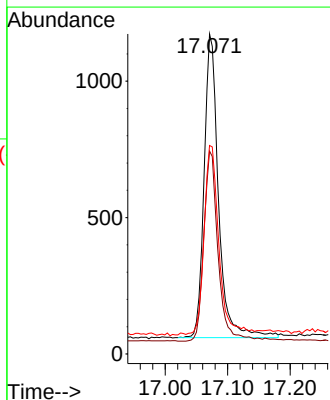
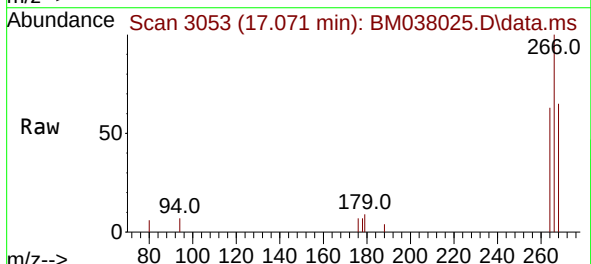
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4017

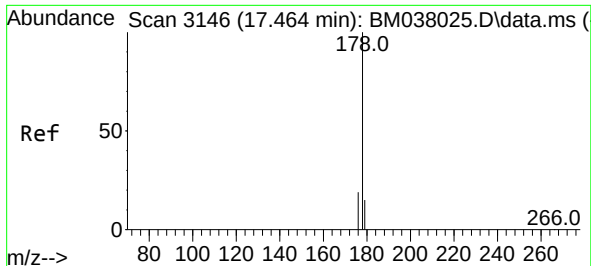
Tgt Ion:	166	Resp:	9491
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.0	118.4
167	13.9	11.1	16.7



#14
 Pentachlorophenol
 Concen: 0.372 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038025.D
 Acq: 15 Dec 2022 10:55

Tgt Ion:	266	Resp:	1784
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.9	74.9
268	65.1	52.0	78.0

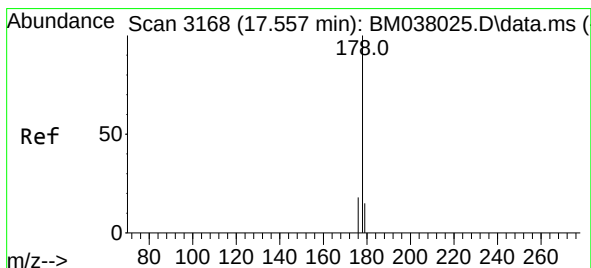
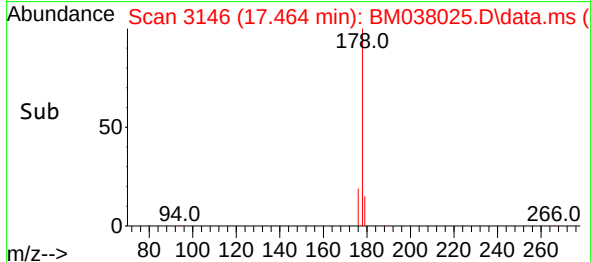
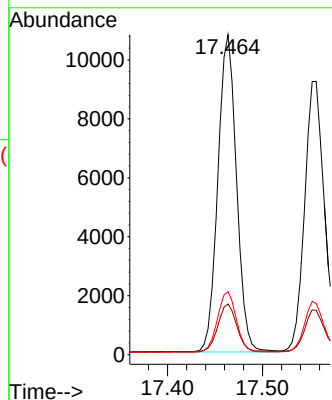
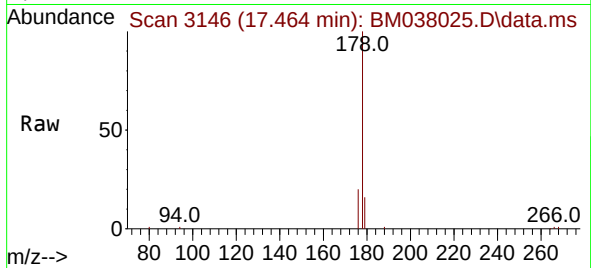




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

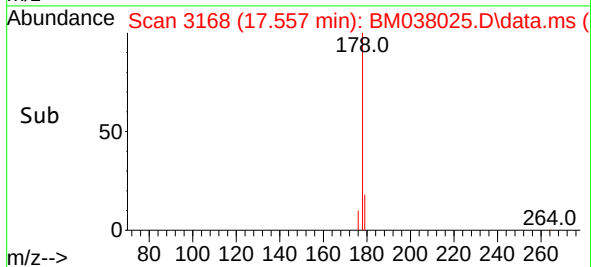
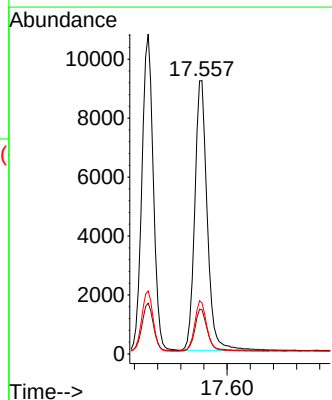
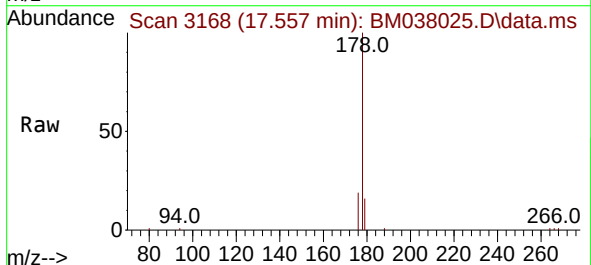
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

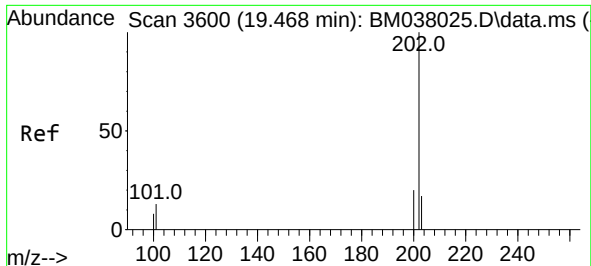
Tgt Ion:178 Resp: 14708
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:178 Resp: 13611
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 18.7 15.0 22.4

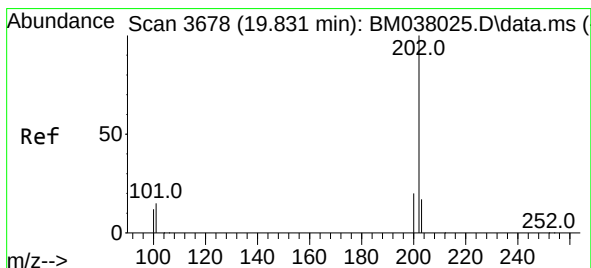
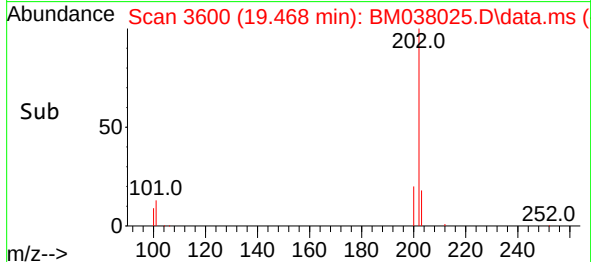
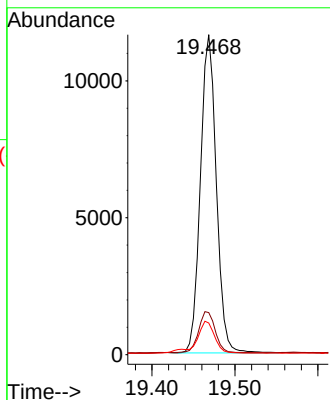
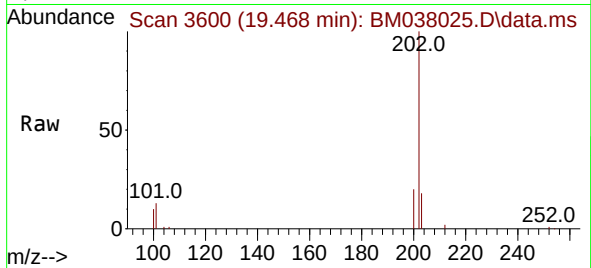




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

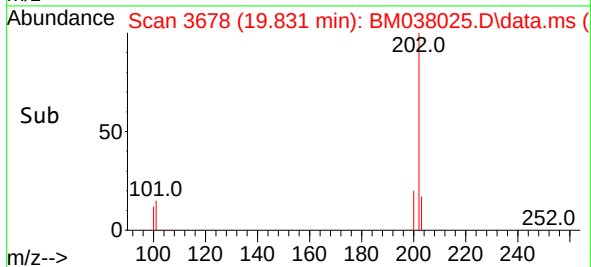
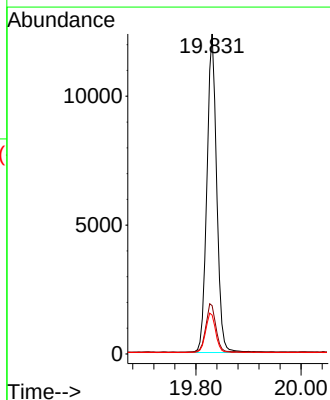
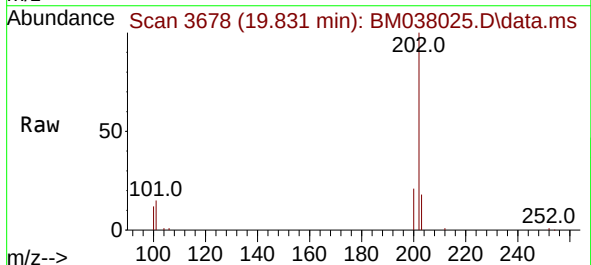
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

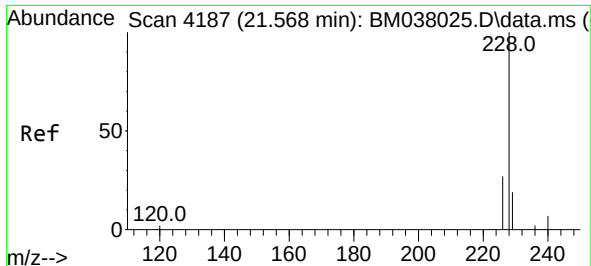
Tgt Ion:	202	Resp:	15539
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.6	15.8
100	9.9	7.9	11.9



#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:	202	Resp:	15896
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.1	18.1
100	12.2	9.8	14.6

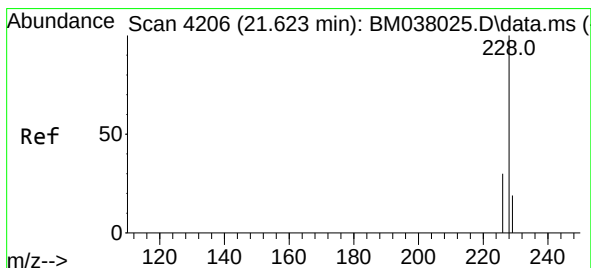
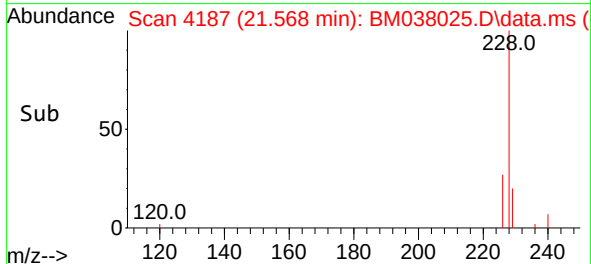
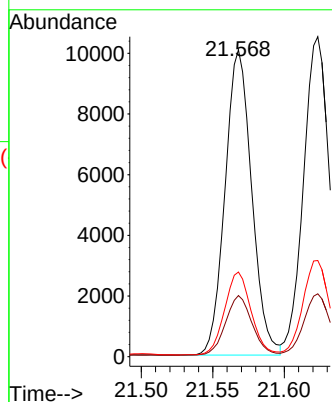
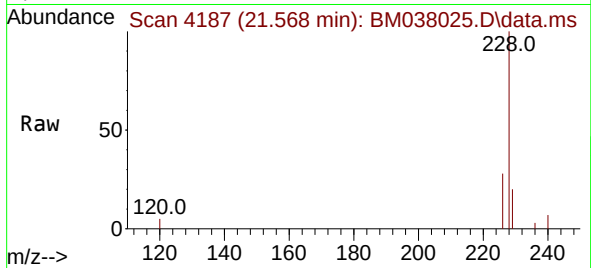




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

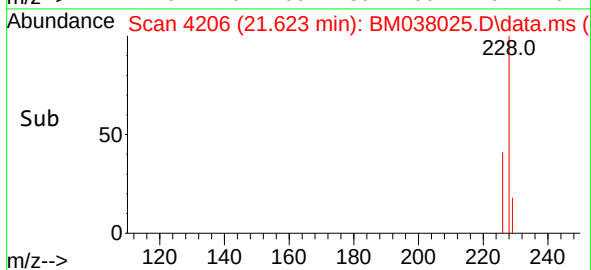
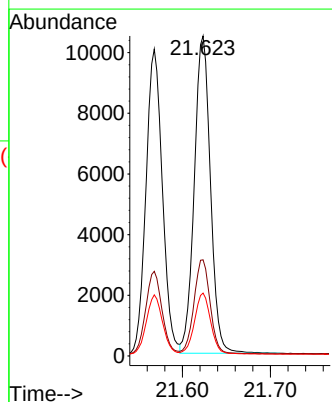
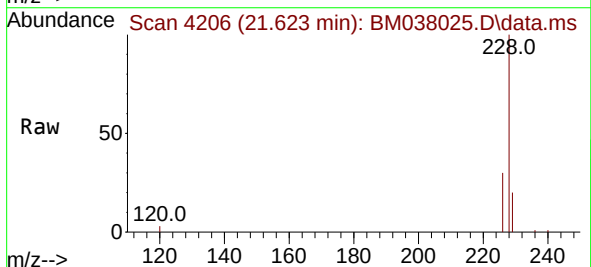
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

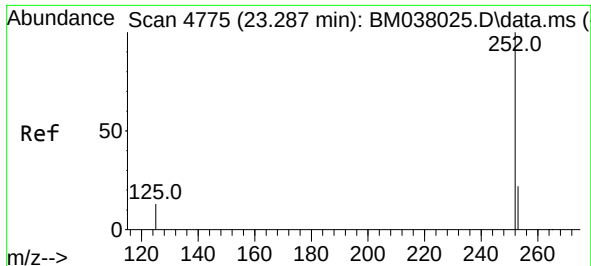
Tgt Ion:228 Resp: 13034
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:228 Resp: 13393
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.6 15.7 23.5

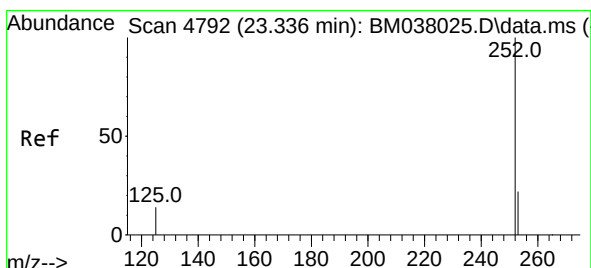
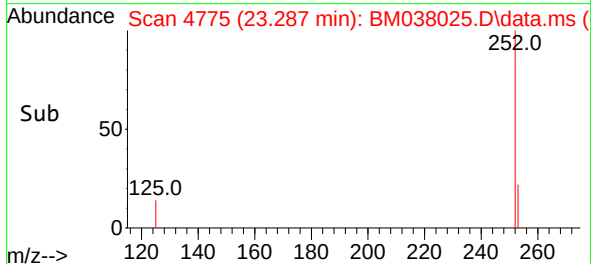
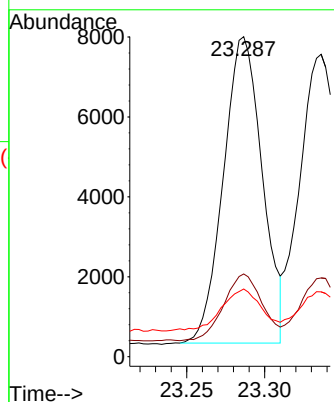
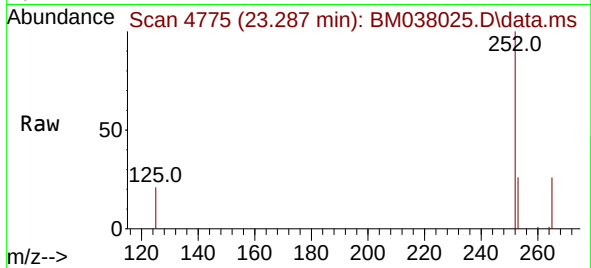




#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

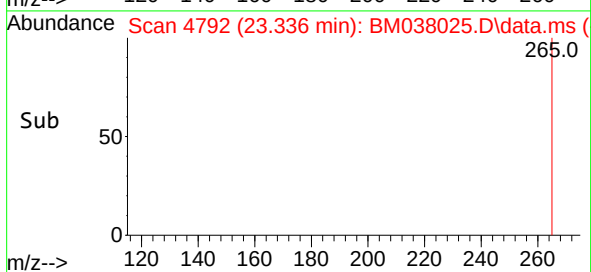
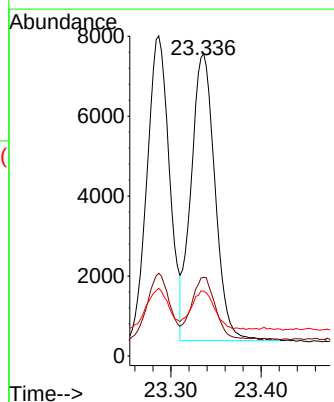
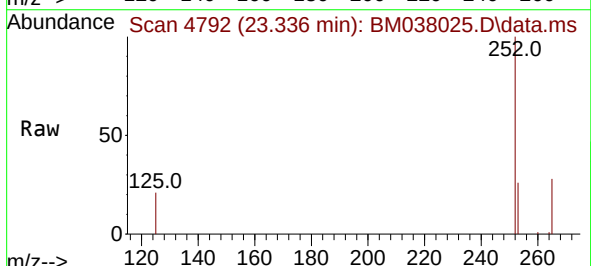
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

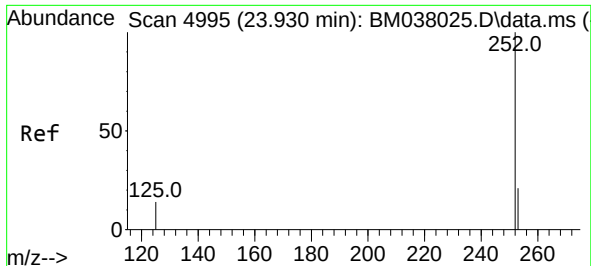
Tgt Ion:252 Resp: 13301
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.8
125 21.1 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:252 Resp: 13204
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 21.4 17.1 25.7

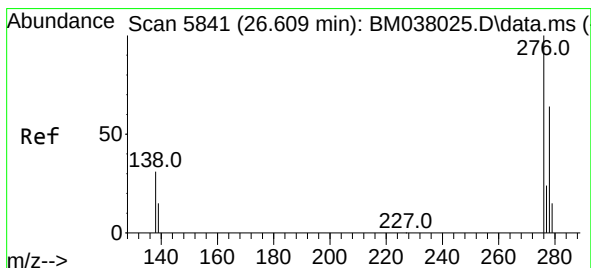
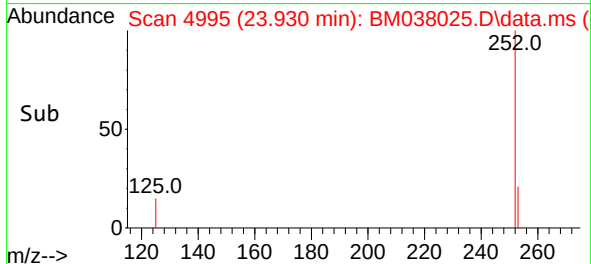
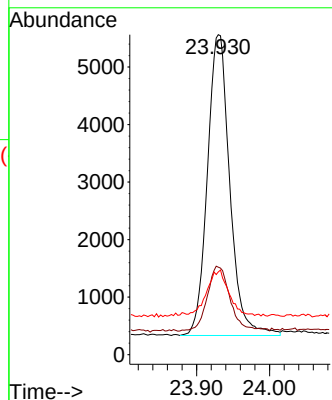
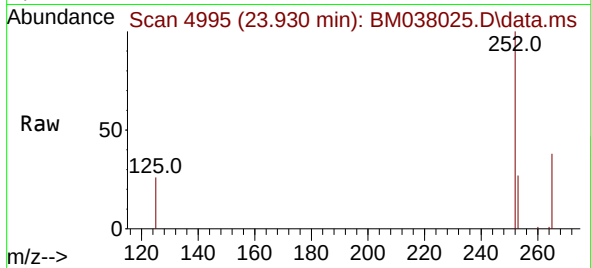




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

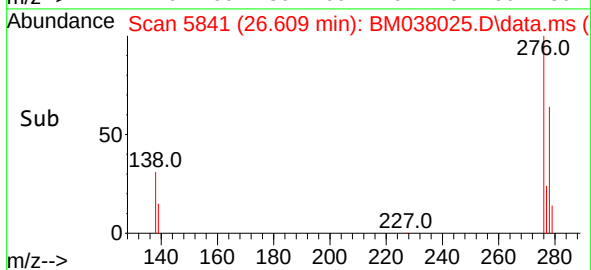
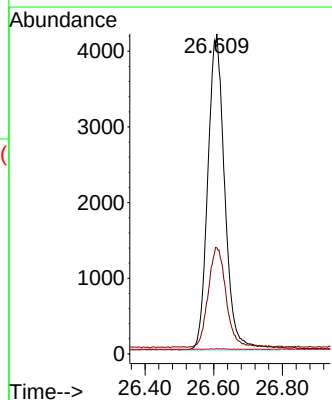
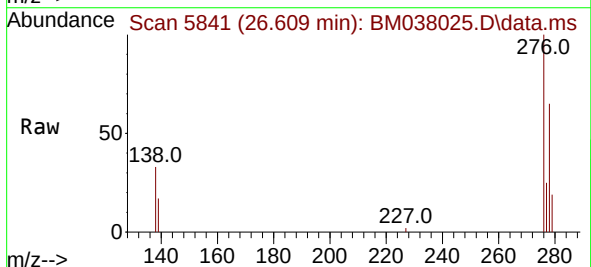
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

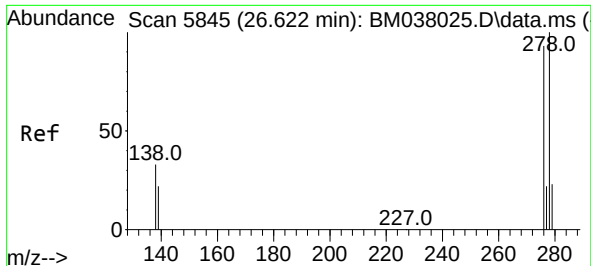
Tgt Ion:	252	Resp:	11159
Ion Ratio	Lower	Upper	
252	100		
253	27.4	21.9	32.9
125	25.9	20.7	31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:	276	Resp:	14298
Ion Ratio	Lower	Upper	
276	100		
138	33.3	26.6	40.0
227	0.1	0.1	0.1

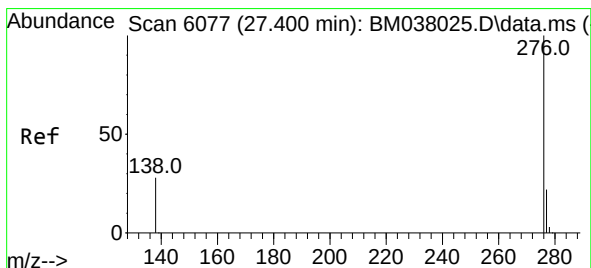
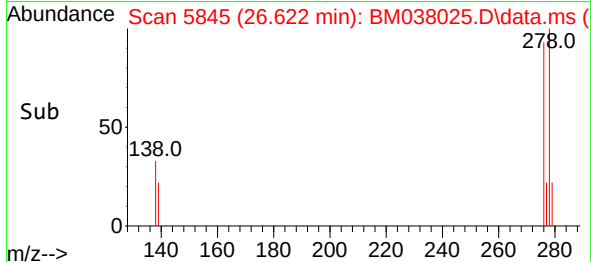
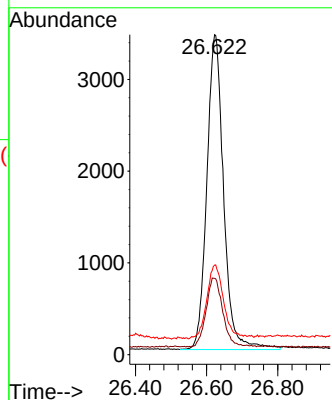
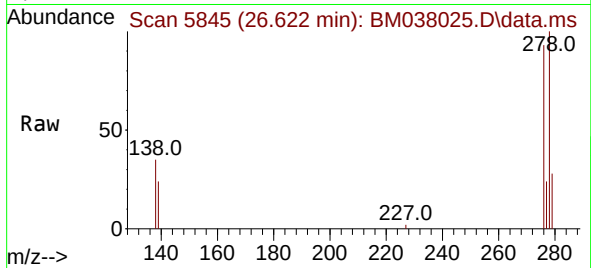




#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

Tgt Ion:278 Resp: 11227
Ion Ratio Lower Upper
278 100
139 23.8 19.0 28.6
279 28.0 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038025.D
Acq: 15 Dec 2022 10:55

Tgt Ion:276 Resp: 12319
Ion Ratio Lower Upper
276 100
138 30.1 24.1 36.1
277 23.8 19.0 28.6

