

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035683.D
 Acq On : 25 Jun 2022 12:35
 Operator : CG/JU
 Sample : SST0.251
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2002

Quant Time: Jun 28 02:06:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:03:15 2022
 Response via : Initial Calibration

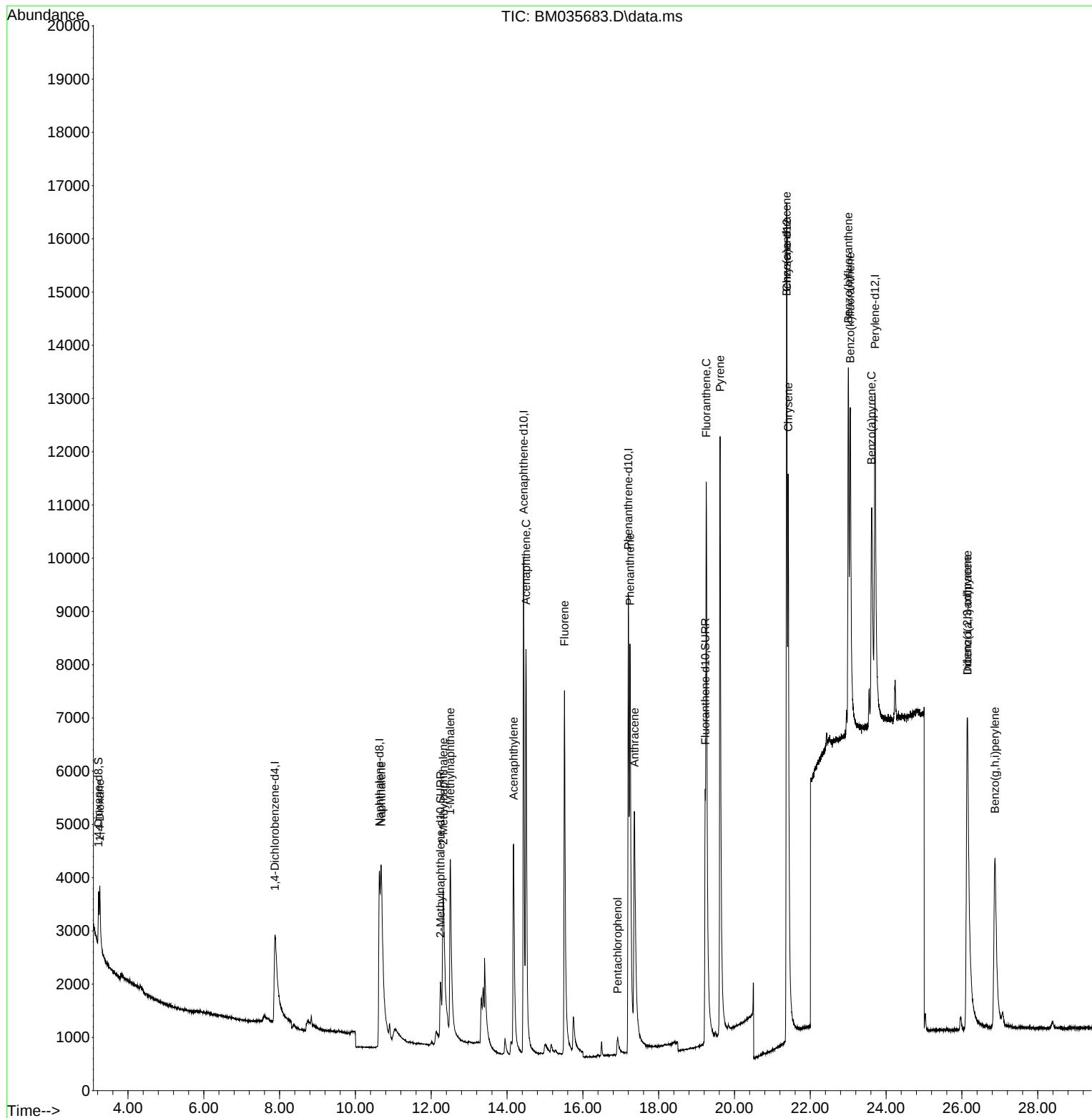
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	2993	0.400	ng/ul	0.01
4) Naphthalene-d8	10.633	136	12574	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.436	164	6574	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	14927	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	12850	0.400	ng/ul	0.00
23) Perylene-d12	23.706	264	11220	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	793	0.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	3679	0.197	ng/ul	0.02
18) Fluoranthene-d10	19.228	212	8026	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.255	88	764	0.182	ng/ul#	88
5) Naphthalene	10.683	128	8403	0.197	ng/ul	96
7) 2-Methylnaphthalene	12.316	142	5012	0.206	ng/ul	100
8) 1-Methylnaphthalene	12.503	142	4108	0.184	ng/ul	98
10) Acenaphthylene	14.173	152	8508	0.230	ng/ul	98
11) Acenaphthene	14.501	153	6513	0.238	ng/ul	99
12) Fluorene	15.514	166	7480	0.241	ng/ul	97
14) Pentachlorophenol	16.916	266	506	0.177	ng/ul	99
15) Phenanthrene	17.246	178	12217	0.223	ng/ul	98
16) Anthracene	17.360	178	9826	0.205	ng/ul	97
19) Fluoranthene	19.256	202	13958	0.212	ng/ul	99
20) Pyrene	19.619	202	16502	0.240	ng/ul	99
21) Benzo(a)anthracene	21.371	228	9393	0.193	ng/ul	98
22) Chrysene	21.418	228	12934	0.224	ng/ul	100
24) Benzo(b)fluoranthene	23.005	252	10598	0.216	ng/ul	90
25) Benzo(k)fluoranthene	23.054	252	10276	0.202	ng/ul#	89
26) Benzo(a)pyrene	23.616	252	10738	0.211	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.138	276	11492	0.196	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.148	278	8982	0.188	ng/ul#	87
29) Benzo(g,h,i)perylene	26.872	276	10679	0.203	ng/ul	94

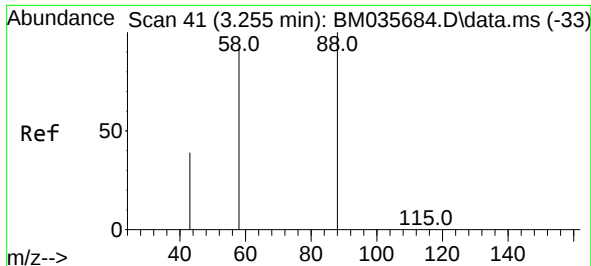
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
Data File : BM035683.D
Acq On : 25 Jun 2022 12:35
Operator : CG/JU
Sample : SST0.251
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Jun 28 02:06:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 02:03:15 2022
Response via : Initial Calibration

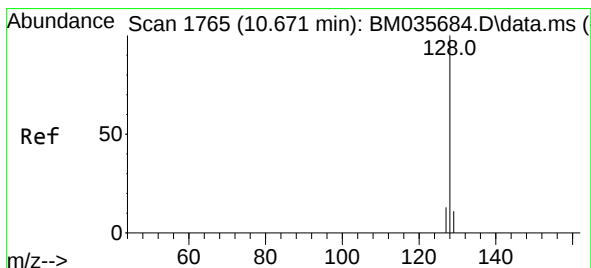
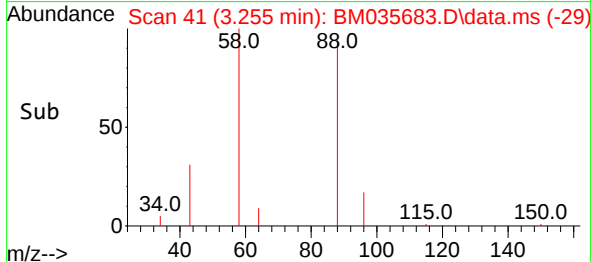
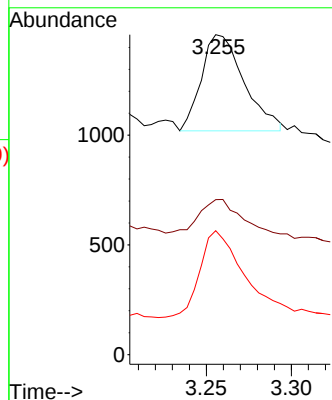
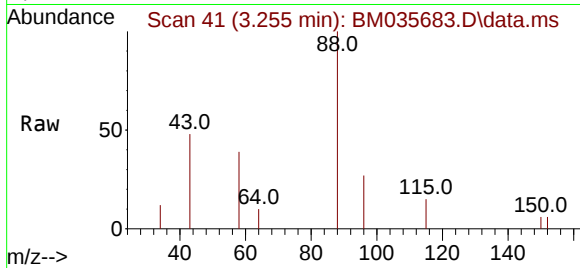




#2
1,4-Dioxane
Concen: 0.182 ng/ul
RT: 3.255 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

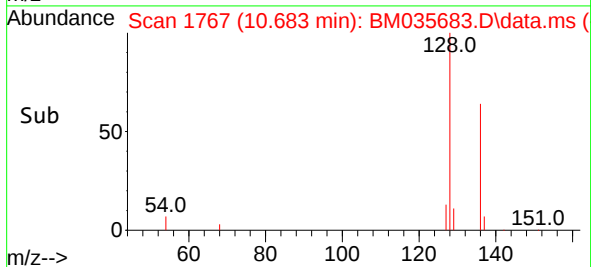
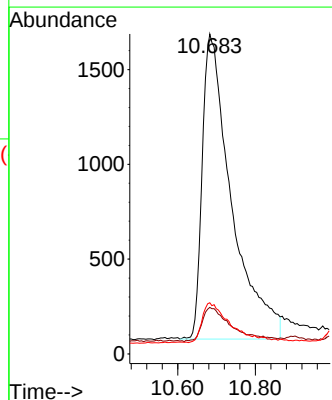
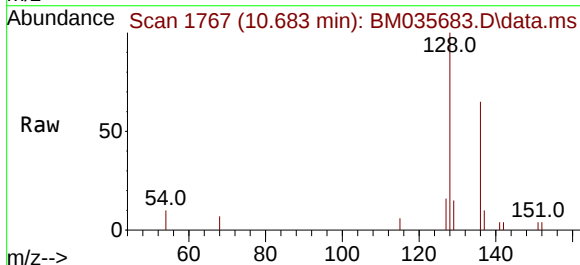
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

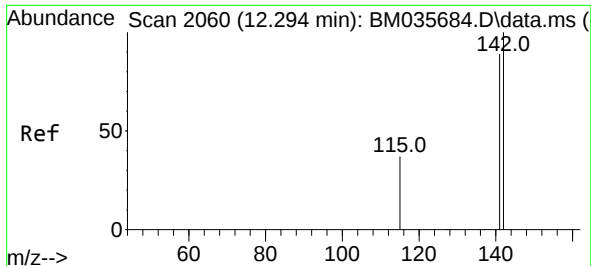
Tgt Ion: 88 Resp: 764
Ion Ratio Lower Upper
88 100
43 48.4 37.8 56.6
58 38.8 42.6 63.8#



#5
Naphthalene
Concen: 0.197 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.011 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion: 128 Resp: 8403
Ion Ratio Lower Upper
128 100
129 14.5 10.2 15.2
127 16.0 11.7 17.5

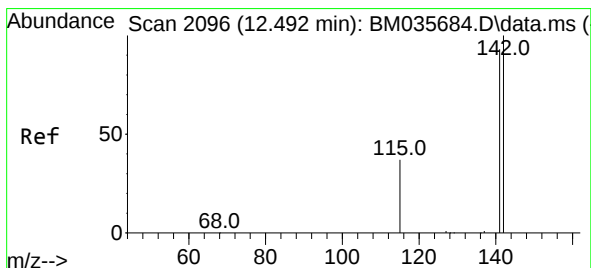
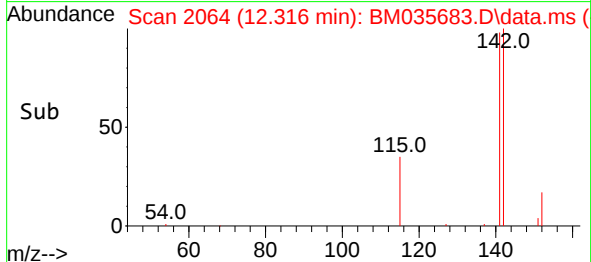
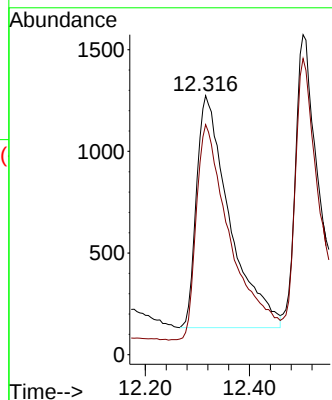
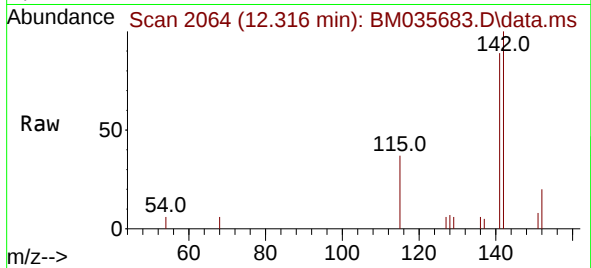




#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.022 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

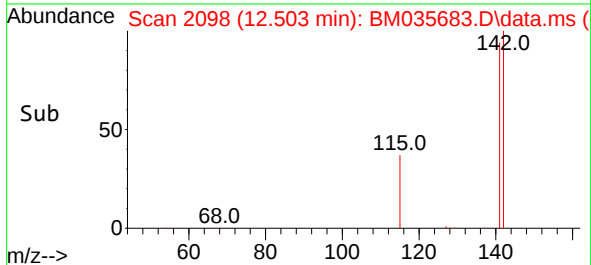
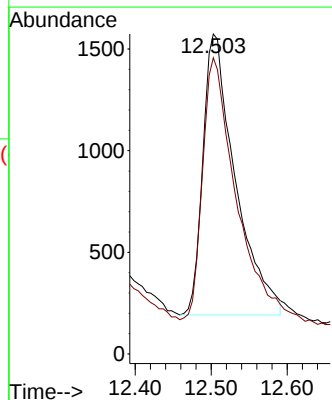
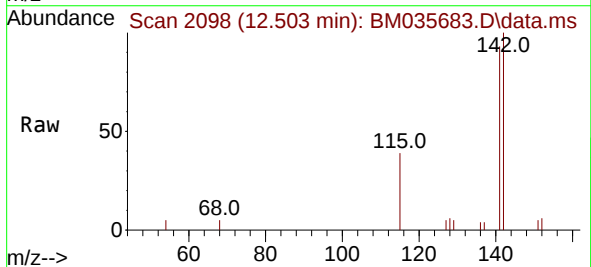
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

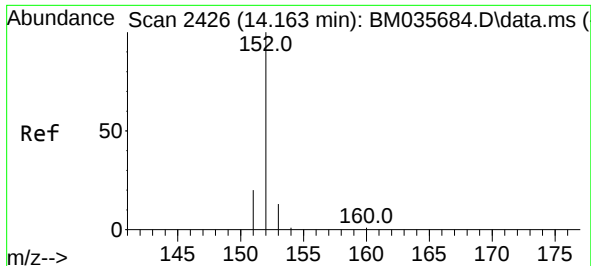
Tgt Ion:142 Resp: 5012
Ion Ratio Lower Upper
142 100
141 97.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. 0.011 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:142 Resp: 4108
Ion Ratio Lower Upper
142 100
141 94.5 74.1 111.1

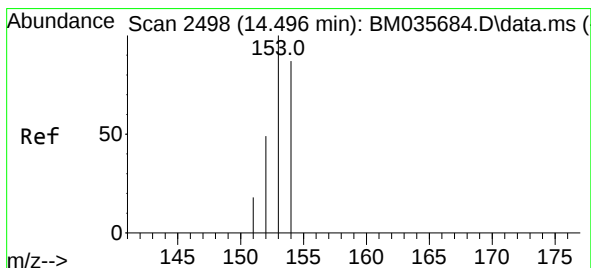
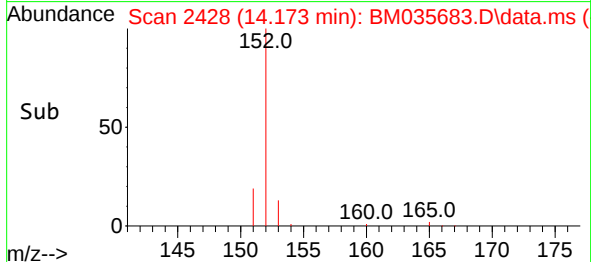
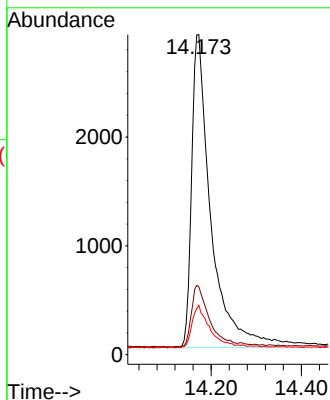
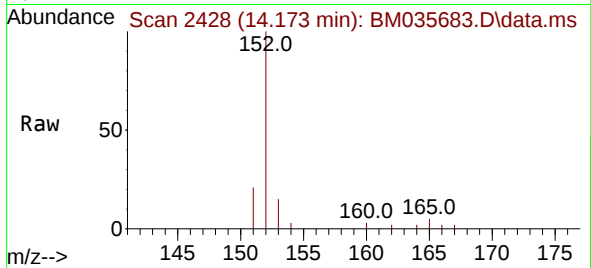




#10
Acenaphthylene
Concen: 0.230 ng/ul
RT: 14.173 min Scan# 2428
Delta R.T. 0.009 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

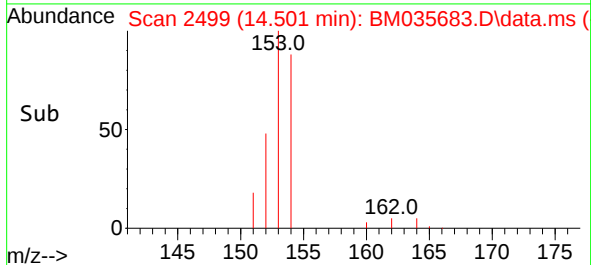
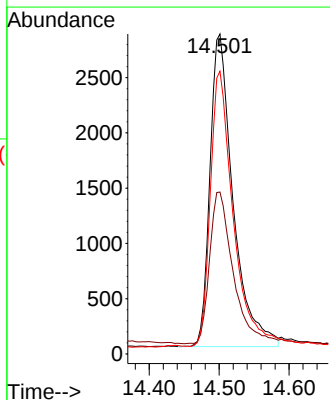
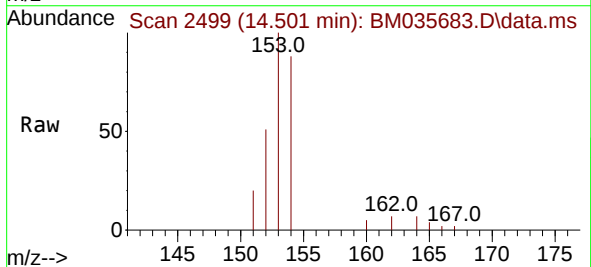
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

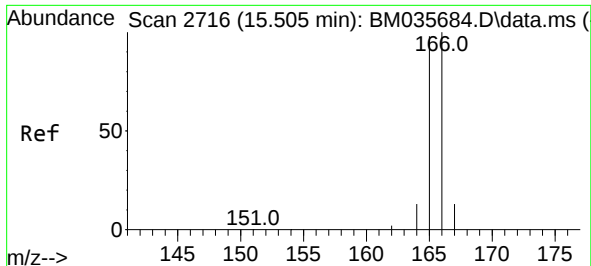
Tgt Ion:152 Resp: 8508
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 15.4 11.4 17.0



#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.501 min Scan# 2499
Delta R.T. 0.005 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:153 Resp: 6513
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 88.4 69.7 104.5

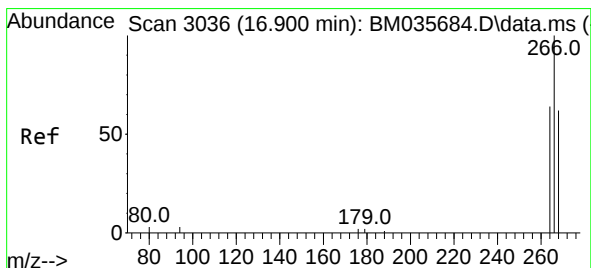
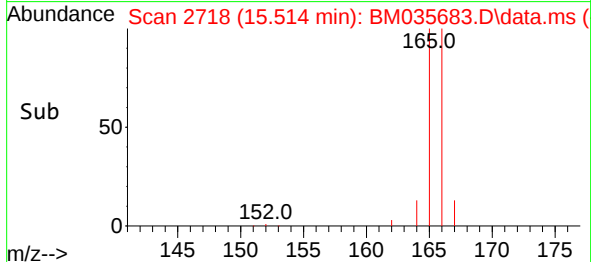
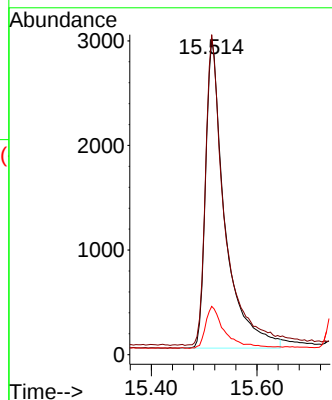
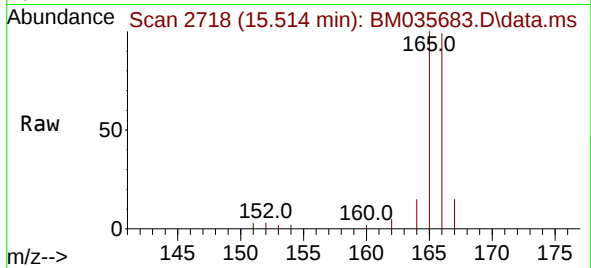




#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.514 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

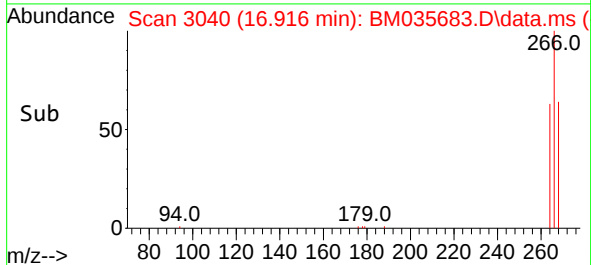
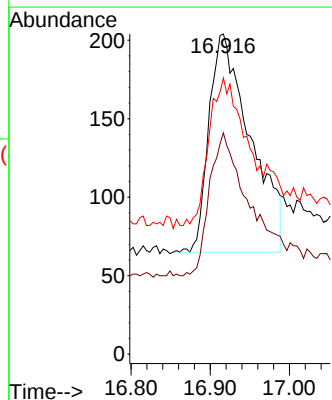
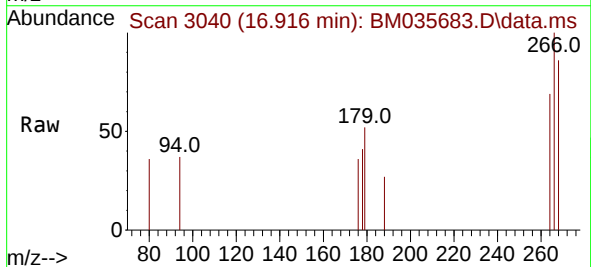
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

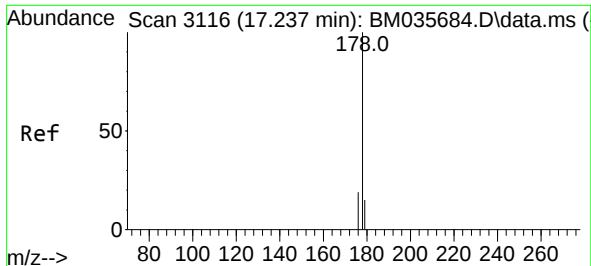
Tgt Ion:166 Resp: 7480
Ion Ratio Lower Upper
166 100
165 101.4 78.9 118.3
167 15.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.177 ng/ul
RT: 16.916 min Scan# 3040
Delta R.T. 0.017 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:266 Resp: 506
Ion Ratio Lower Upper
266 100
264 63.0 50.3 75.5
268 68.8 53.5 80.3

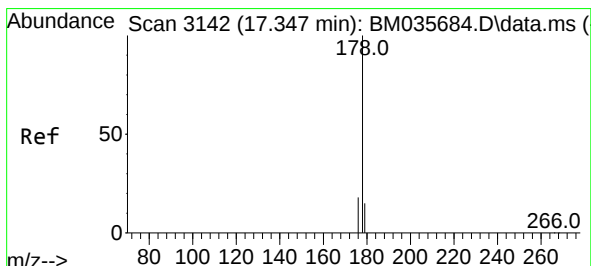
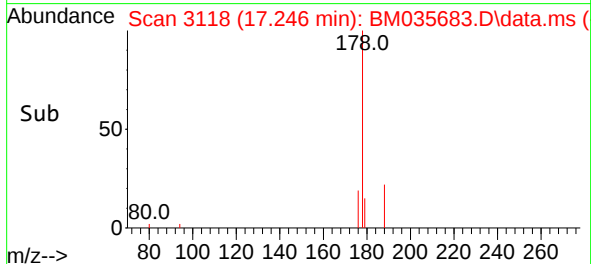
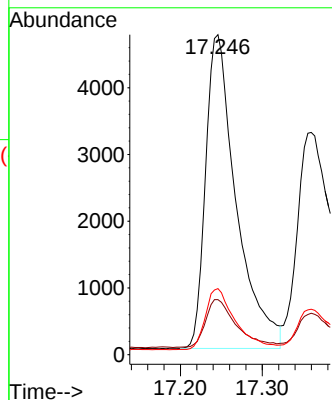
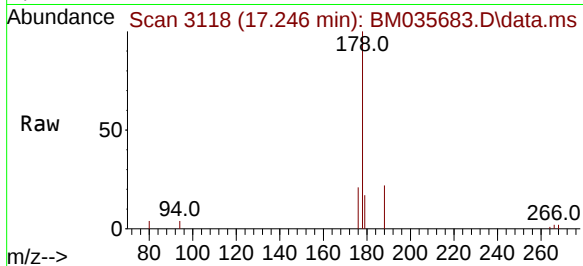




#15
Phenanthrene
Concen: 0.223 ng/u1
RT: 17.246 min Scan# 3116
Delta R.T. 0.008 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

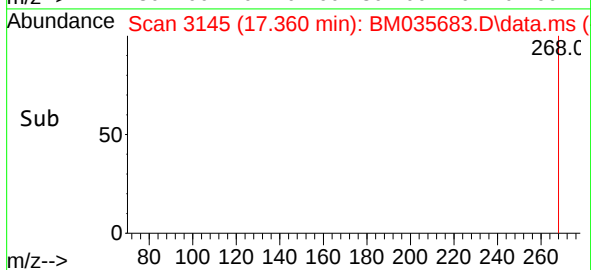
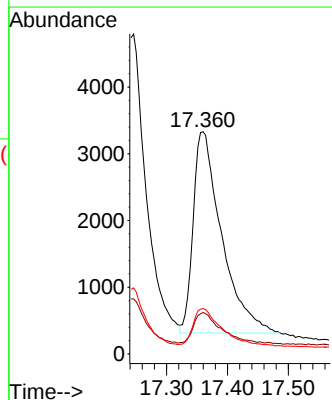
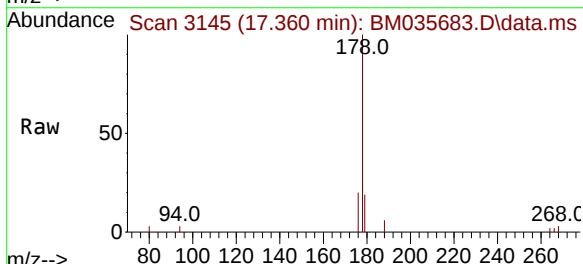
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

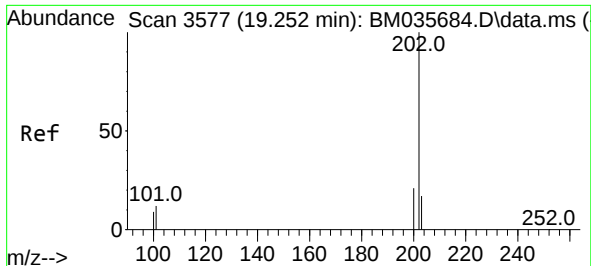
Tgt Ion:178 Resp: 12217
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 20.6 15.6 23.4



#16
Anthracene
Concen: 0.205 ng/u1
RT: 17.360 min Scan# 3145
Delta R.T. 0.013 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:178 Resp: 9826
Ion Ratio Lower Upper
178 100
179 18.6 13.6 20.4
176 20.4 15.6 23.4

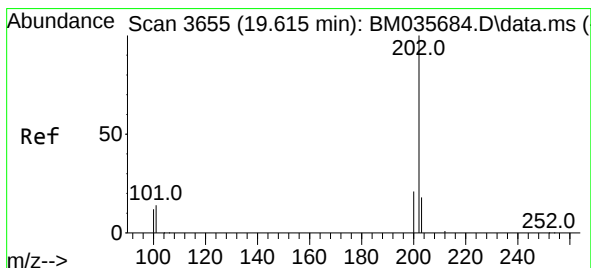
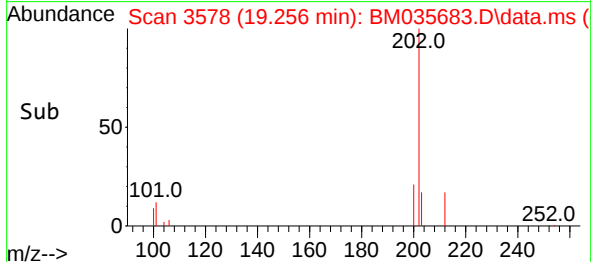
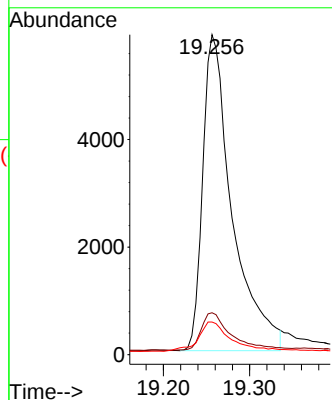
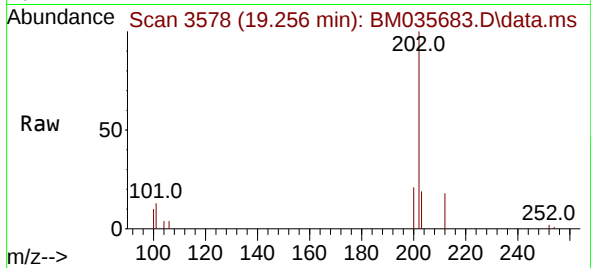




#19
Fluoranthene
Concen: 0.212 ng/ul
RT: 19.256 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

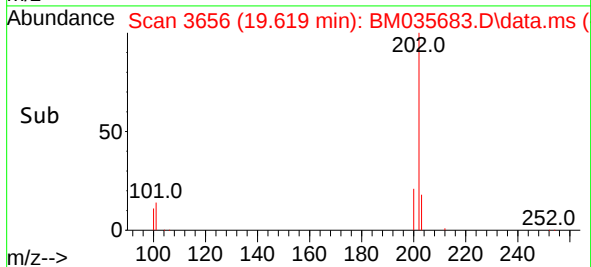
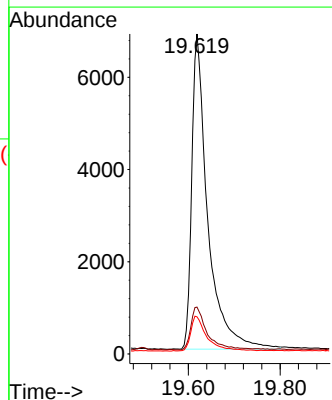
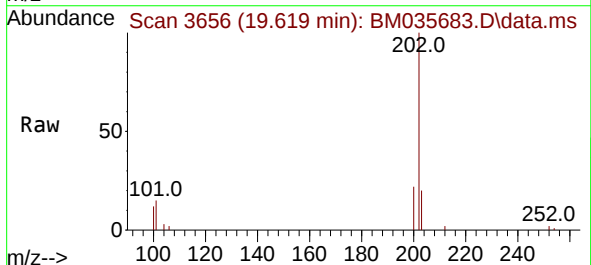
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

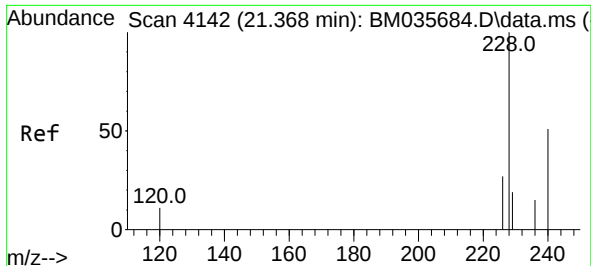
Tgt Ion:202 Resp: 13958
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 10.2 7.9 11.9



#20
Pyrene
Concen: 0.240 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. 0.004 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:202 Resp: 16502
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.6 9.8 14.6

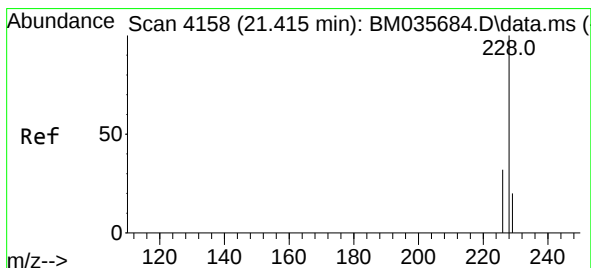
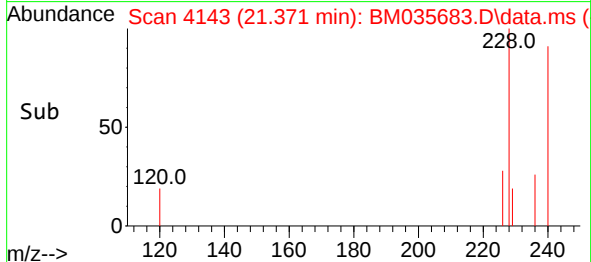
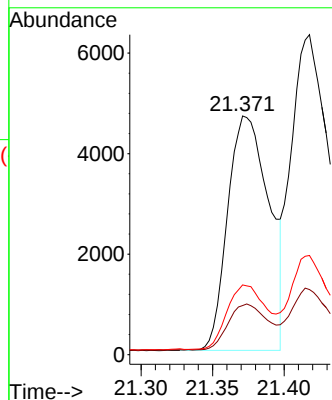
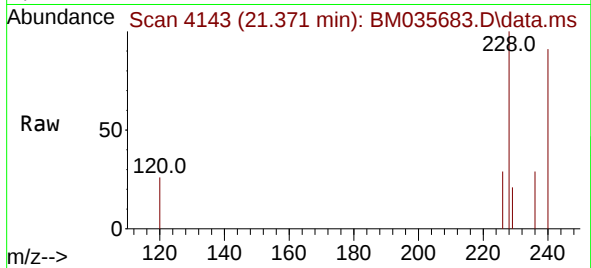




#21
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.371 min Scan# 4142
Delta R.T. 0.003 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

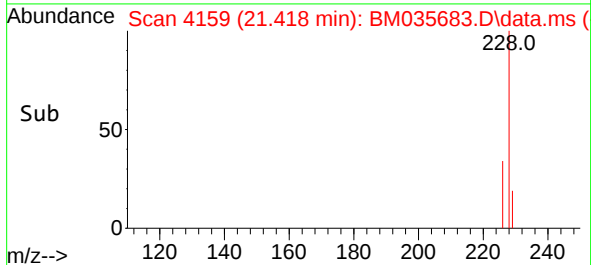
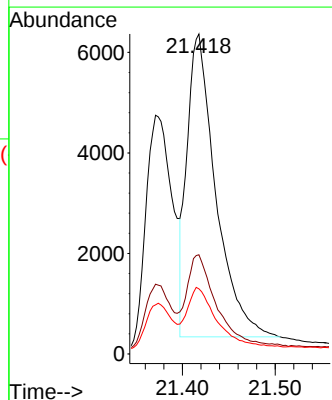
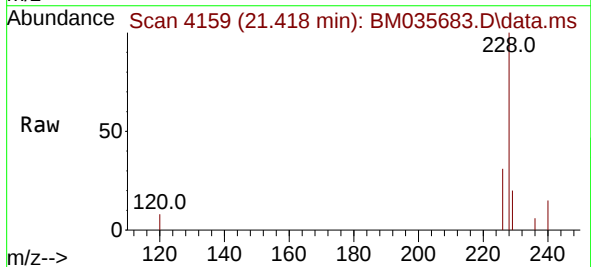
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

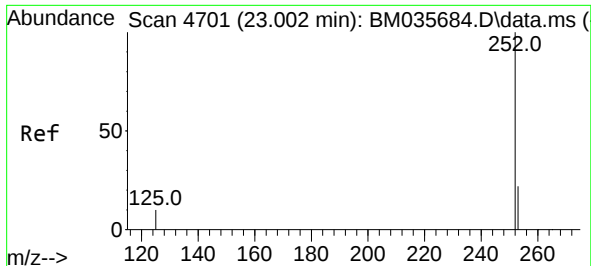
Tgt Ion:228 Resp: 9393
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 29.2 22.5 33.7



#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:228 Resp: 12934
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 20.3 16.4 24.6

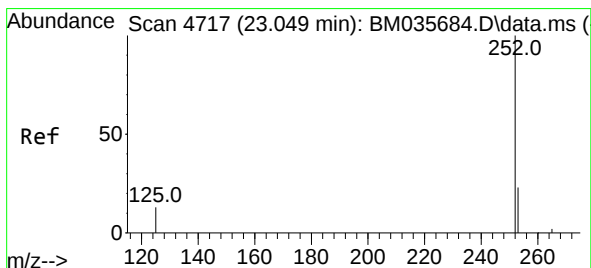
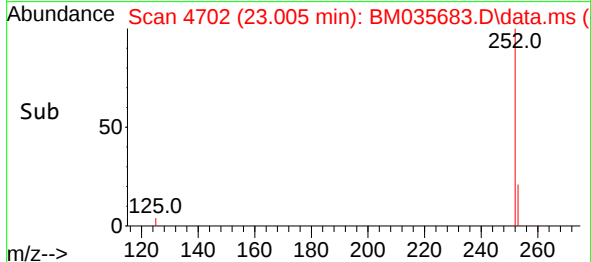
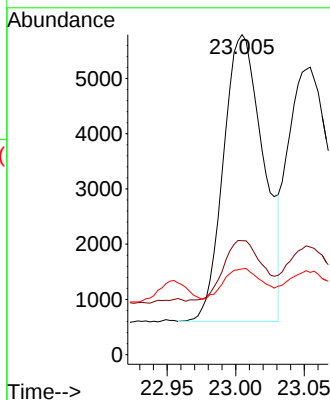
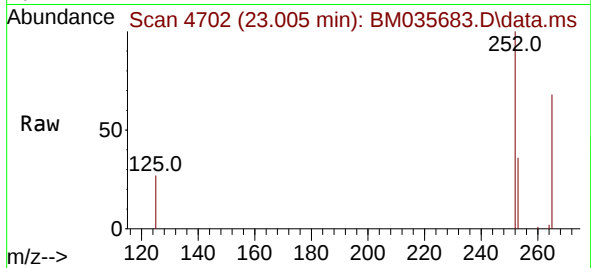




#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul
RT: 23.005 min Scan# 4719
Delta R.T. 0.003 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

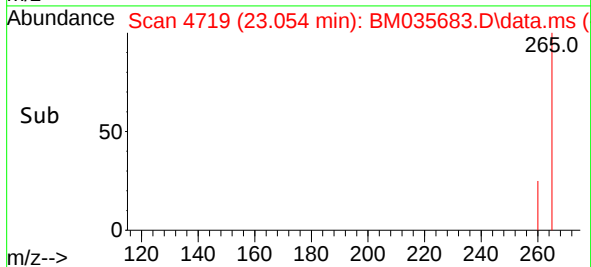
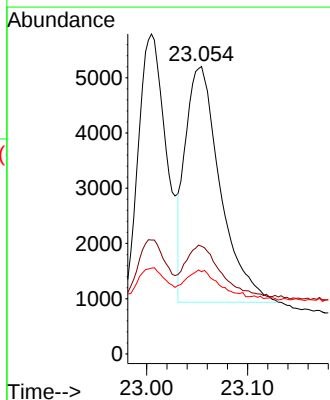
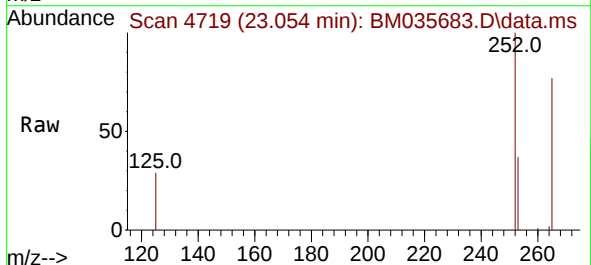
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

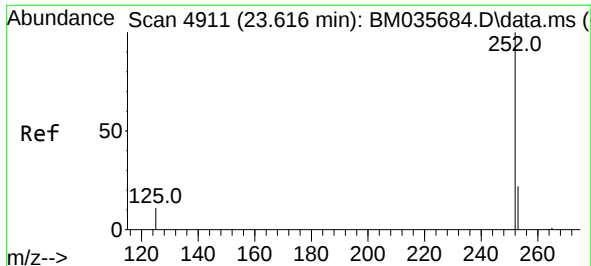
Tgt Ion:252 Resp: 10598
Ion Ratio Lower Upper
252 100
253 35.6 0.0 61.4
125 26.8 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. 0.005 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

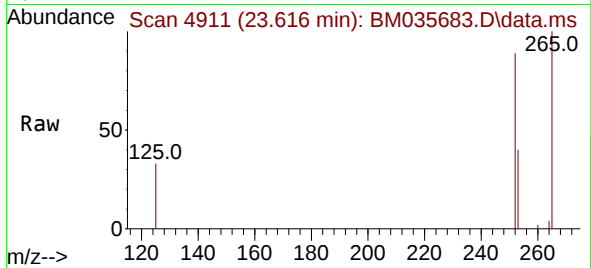
Tgt Ion:252 Resp: 10276
Ion Ratio Lower Upper
252 100
253 37.5 25.2 37.8
125 28.6 18.3 27.5#



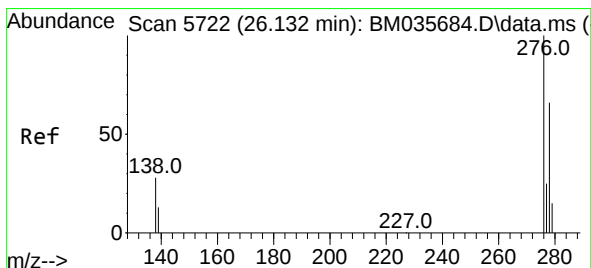
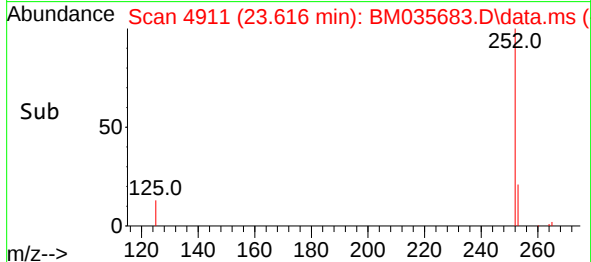
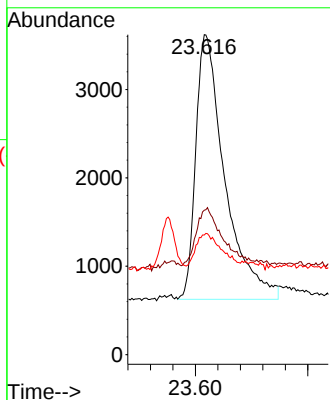


#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.616 min Scan# 4911
Delta R.T. -0.000 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

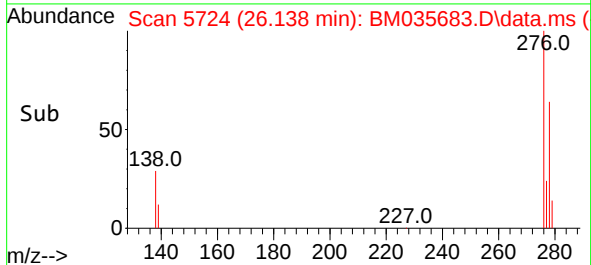
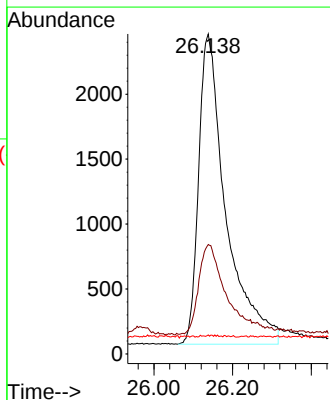
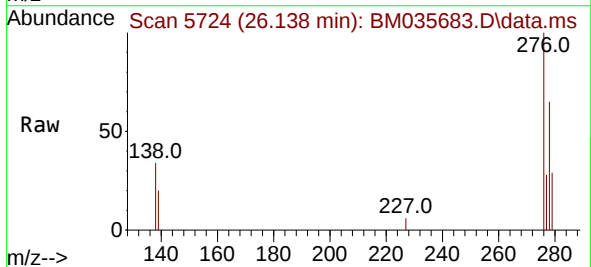


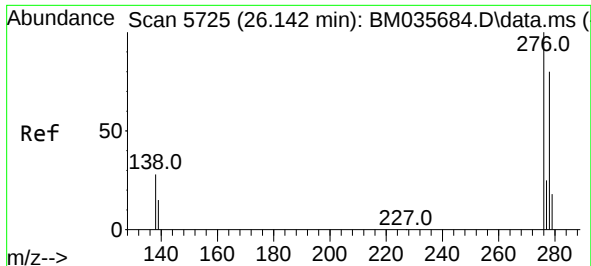
Tgt Ion:252 Resp: 10738
Ion Ratio Lower Upper
252 100
253 45.2 29.7 44.5#
125 37.4 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.006 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:276 Resp: 11492
Ion Ratio Lower Upper
276 100
138 29.8 23.9 35.9
227 0.2 0.1 0.1#

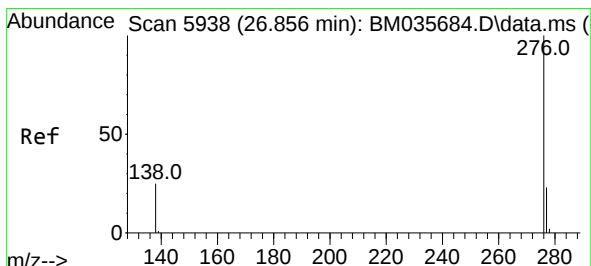
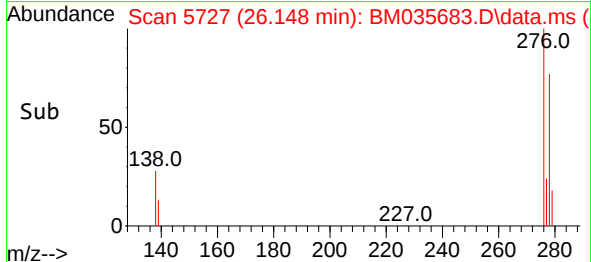
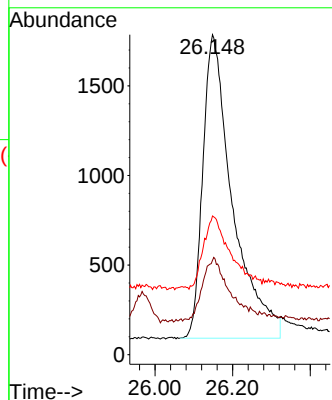
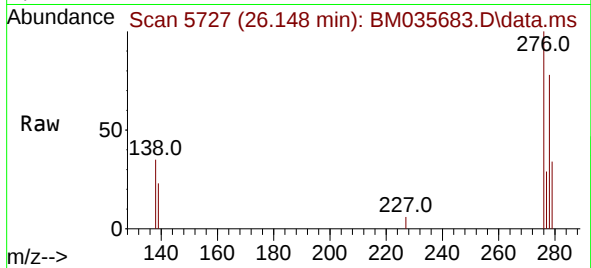




#28
Dibenzo(a,h)anthracene
Concen: 0.188 ng/ul
RT: 26.148 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 8982
Ion Ratio Lower Upper
278 100
139 29.5 19.8 29.6
279 43.3 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. 0.016 min
Lab File: BM035683.D
Acq: 25 Jun 2022 12:35

Tgt Ion:276 Resp: 10679
Ion Ratio Lower Upper
276 100
138 32.3 23.4 35.0
277 28.9 21.0 31.4

