

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053122\
 Data File : BN020000.D
 Acq On : 31 May 2022 13:40
 Operator : CG/JU
 Sample : SST0.245
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

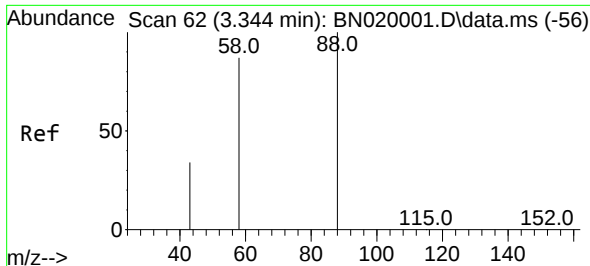
Instrument :
 BNA_N
 ClientSampleId :
 SST0.2245

Quant Time: May 31 15:22:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	3798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11394	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.469	164	6647	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	14305	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12536	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	11468	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	849	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	3443	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	7253	0.162	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	875	0.237	ng/ul	99
5) Naphthalene	10.683	128	7881	0.221	ng/ul	100
7) 2-Methylnaphthalene	12.295	142	5019	0.212	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	4085	0.185	ng/ul#	100
10) Acenaphthylene	14.187	152	7124	0.188	ng/ul	100
11) Acenaphthene	14.530	153	5577	0.217	ng/ul	98
12) Fluorene	15.515	166	6369	0.222	ng/ul	97
14) Pentachlorophenol	16.867	266	627	0.263	ng/ul	88
15) Phenanthrene	17.247	178	11197	0.223	ng/ul	99
16) Anthracene	17.339	178	9494	0.201	ng/ul	99
19) Fluoranthene	19.267	202	11684	0.187	ng/ul	99
20) Pyrene	19.629	202	11928	0.188	ng/ul	99
21) Benzo(a)anthracene	21.382	228	9834	0.192	ng/ul	100
22) Chrysene	21.435	228	11479	0.222	ng/ul	100
24) Benzo(b)fluoranthene	23.028	252	11146	0.220	ng/ul	93
25) Benzo(k)fluoranthene	23.074	252	11275	0.228	ng/ul	99
26) Benzo(a)pyrene	23.633	252	10413	0.217	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.138	276	12085	0.240	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.154	278	9860	0.239	ng/ul#	80
29) Benzo(g,h,i)perylene	26.872	276	10270	0.239	ng/ul	97

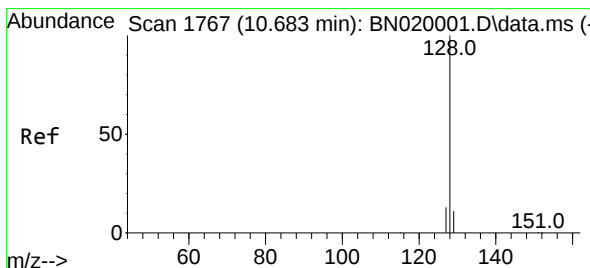
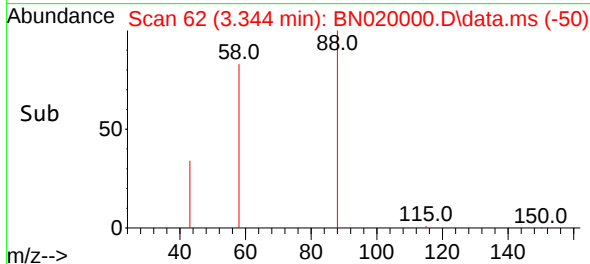
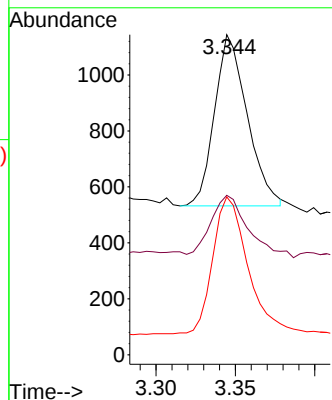
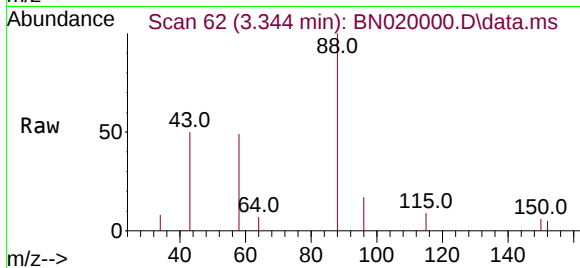
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.237 ng/ul
RT: 3.344 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

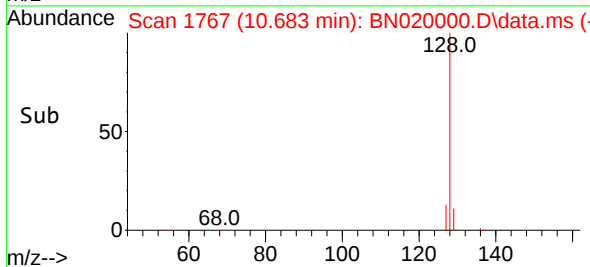
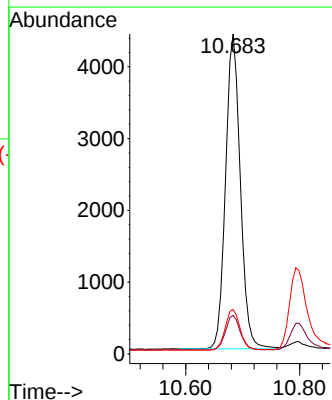
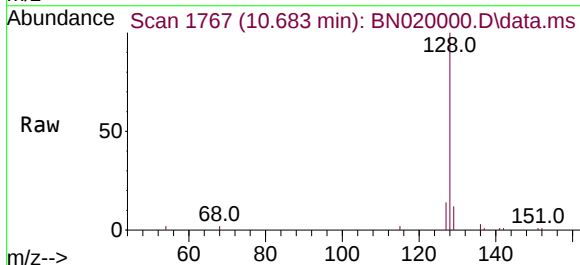
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

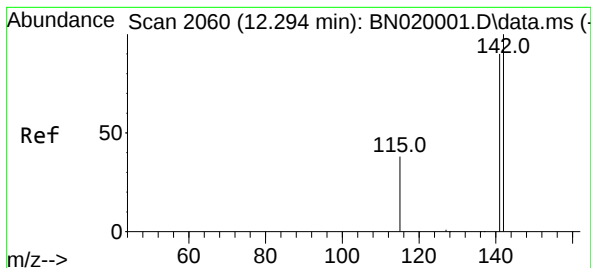
Tgt Ion: 88 Resp: 875
Ion Ratio Lower Upper
88 100
43 49.8 39.0 58.4
58 49.3 39.8 59.8



#5
Naphthalene
Concen: 0.221 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion: 128 Resp: 7881
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.9 11.0 16.4

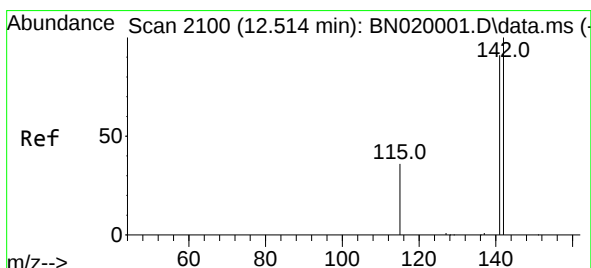
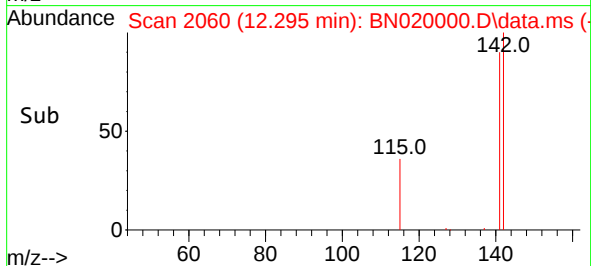
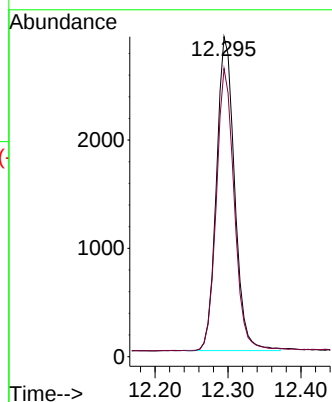
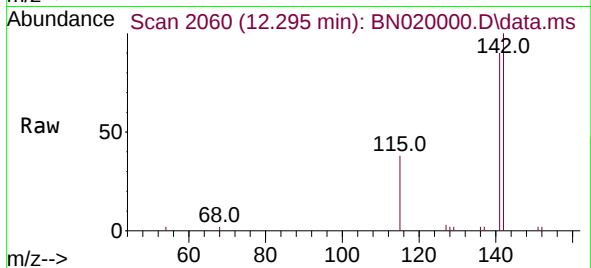




#7
2-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

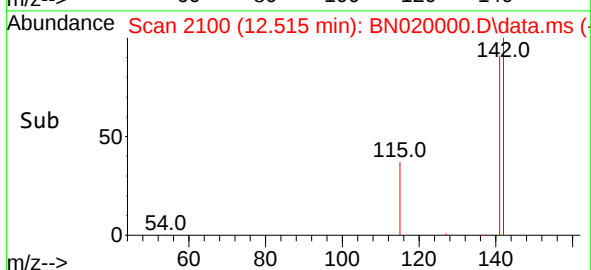
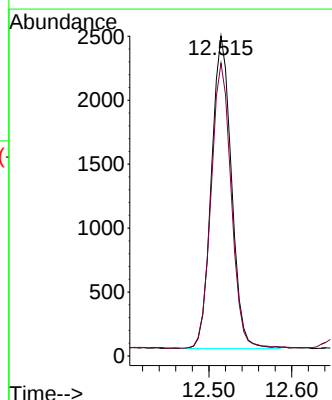
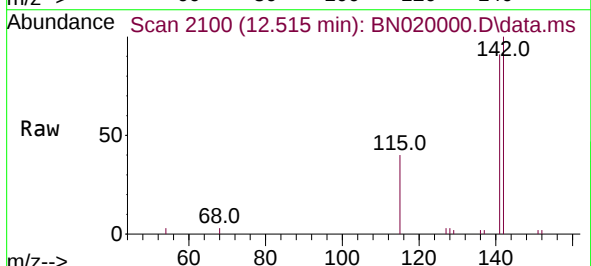
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

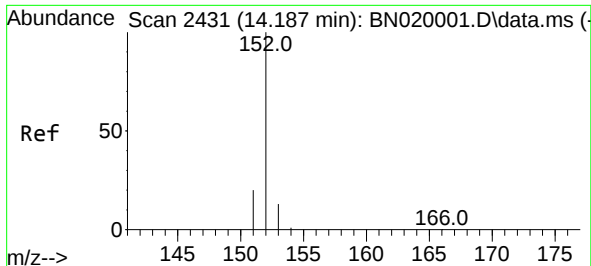
Tgt Ion:142 Resp: 5019
Ion Ratio Lower Upper
142 100
141 88.9 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:142 Resp: 4085
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0#

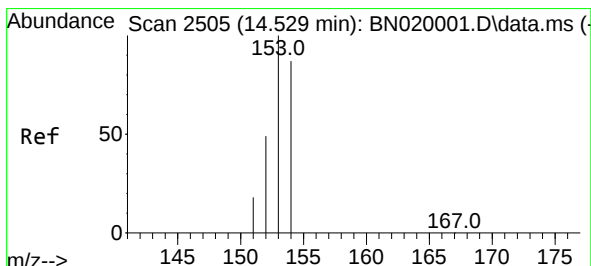
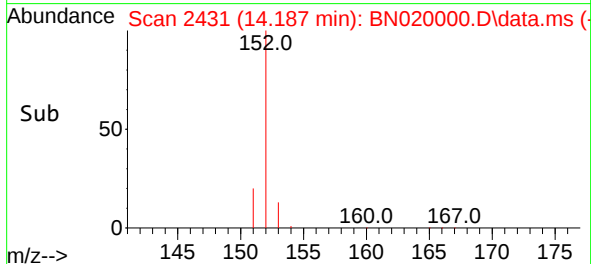
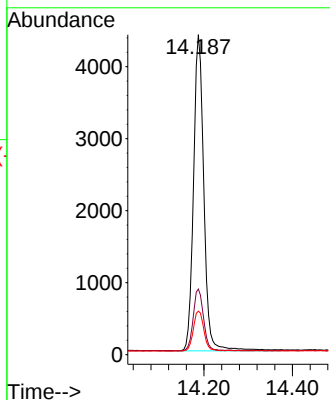
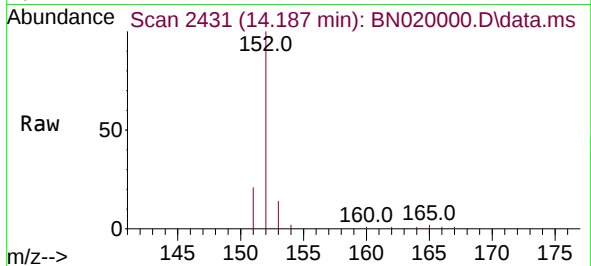




#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

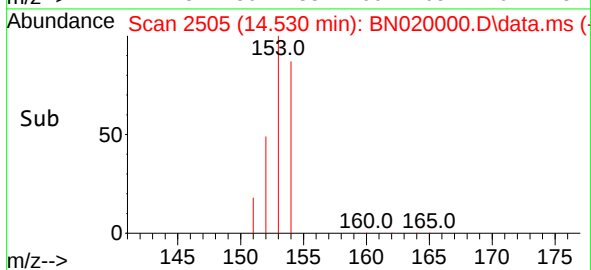
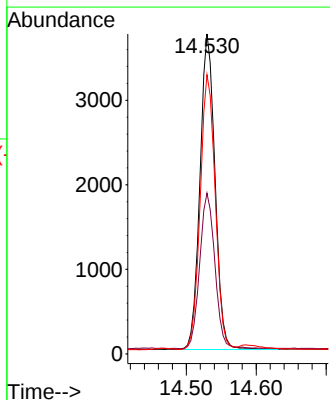
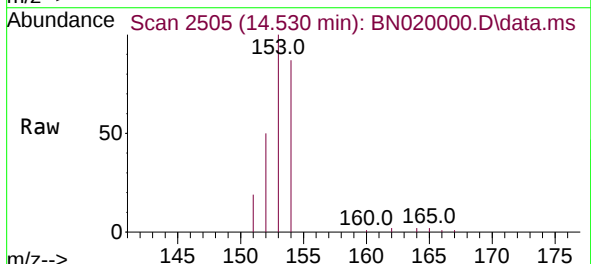
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

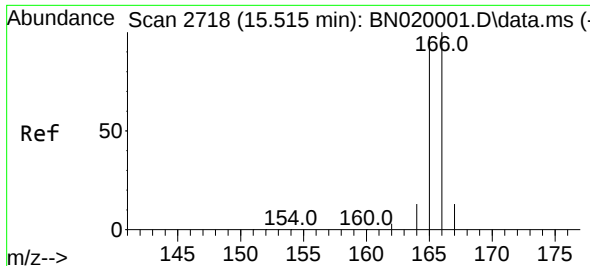
Tgt Ion:152 Resp: 7124
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:153 Resp: 5577
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 87.2 71.2 106.8

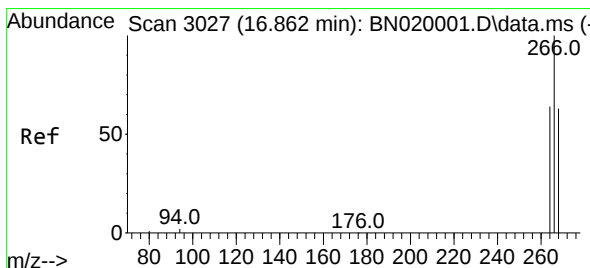
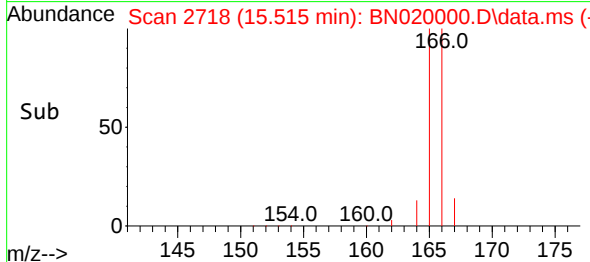
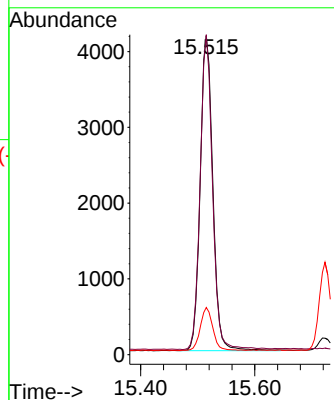
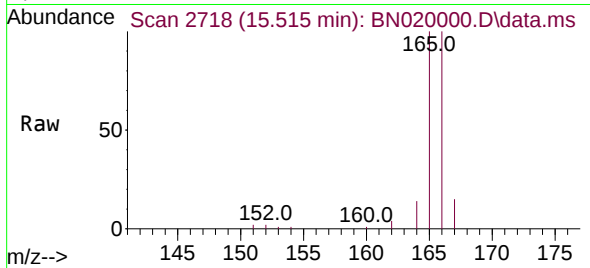




#12
Fluorene
Concen: 0.222 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

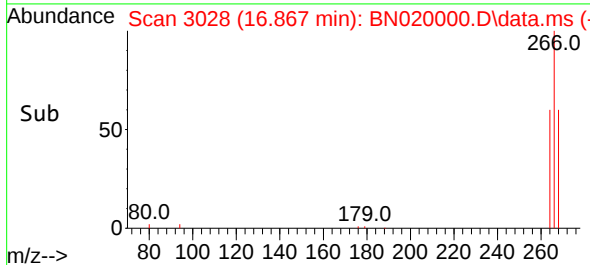
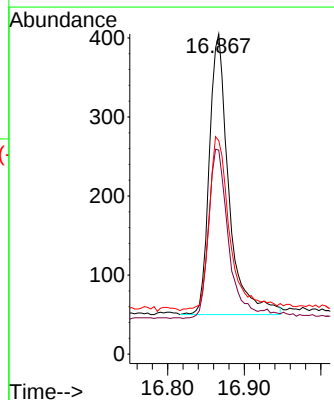
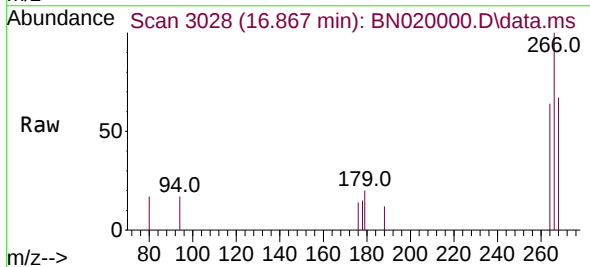
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

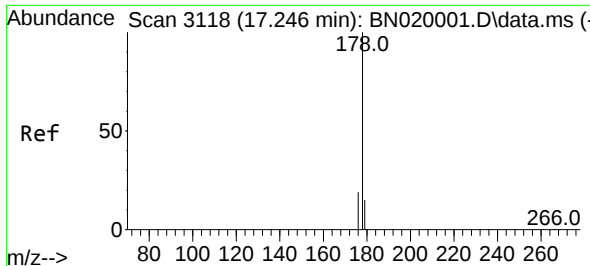
Tgt Ion:166 Resp: 6369
Ion Ratio Lower Upper
166 100
165 100.3 78.2 117.2
167 14.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.263 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.004 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:266 Resp: 627
Ion Ratio Lower Upper
266 100
264 63.6 44.9 67.3
268 65.9 44.6 67.0

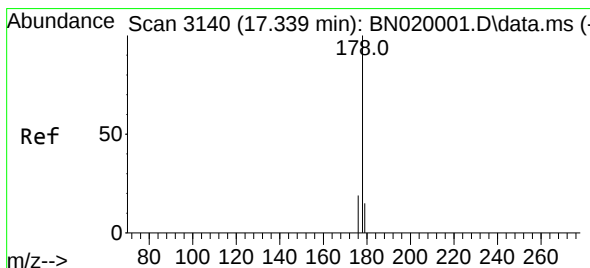
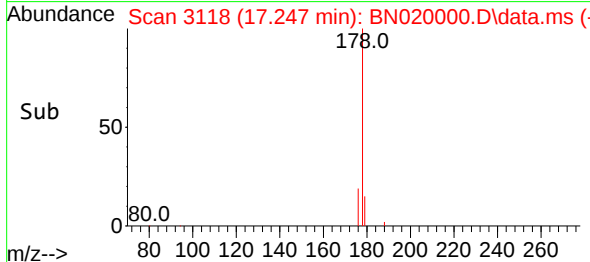
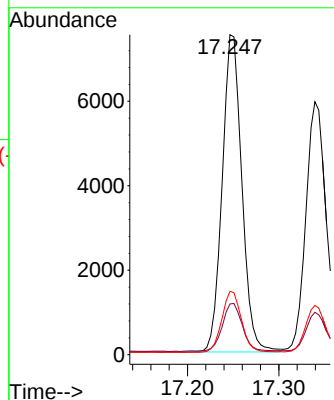
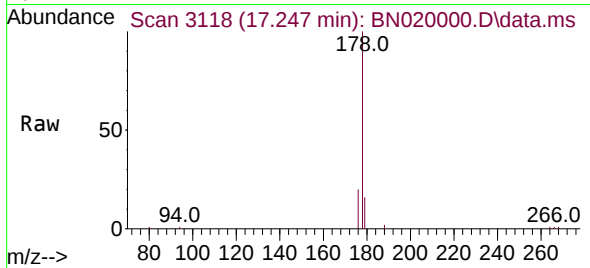




#15
Phenanthrene
Concen: 0.223 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

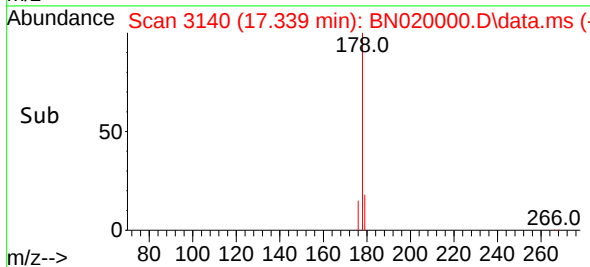
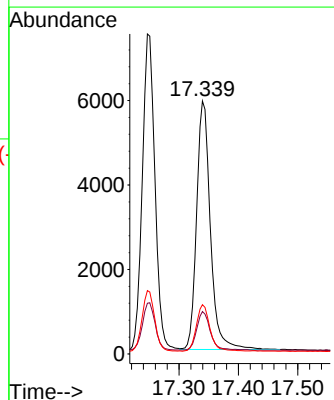
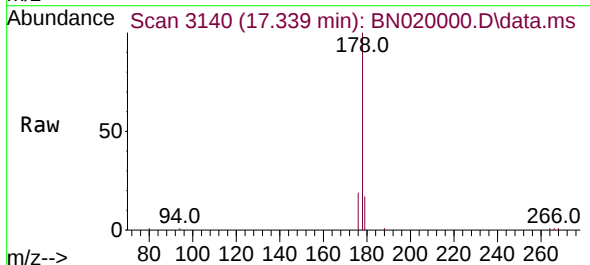
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

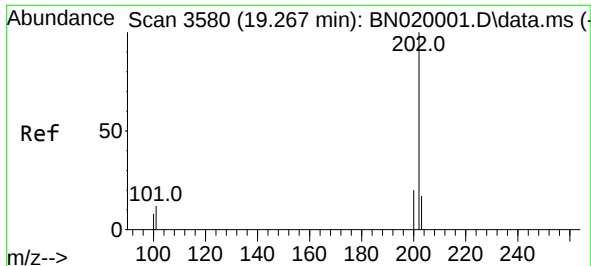
Tgt Ion:178 Resp: 11197
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.201 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:178 Resp: 9494
Ion Ratio Lower Upper
178 100
179 16.8 13.1 19.7
176 19.5 15.3 22.9





#19

Fluoranthene

Concen: 0.187 ng/ul

RT: 19.267 min Scan# 3580

Delta R.T. 0.000 min

Lab File: BN020000.D

Acq: 31 May 2022 13:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

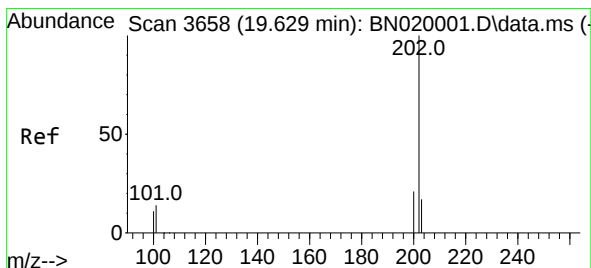
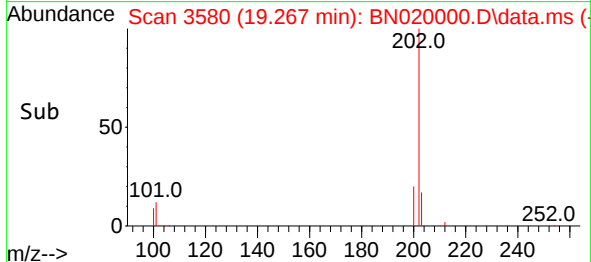
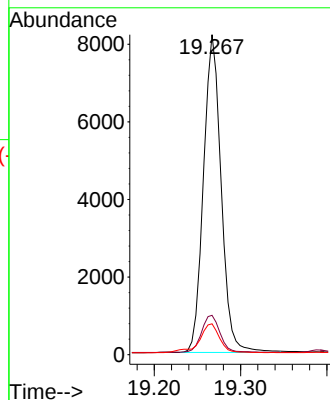
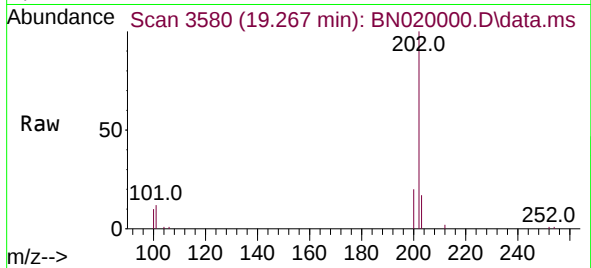
Tgt Ion:202 Resp: 11684

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

100 9.7 7.4 11.2



#20

Pyrene

Concen: 0.188 ng/ul

RT: 19.629 min Scan# 3658

Delta R.T. 0.000 min

Lab File: BN020000.D

Acq: 31 May 2022 13:40

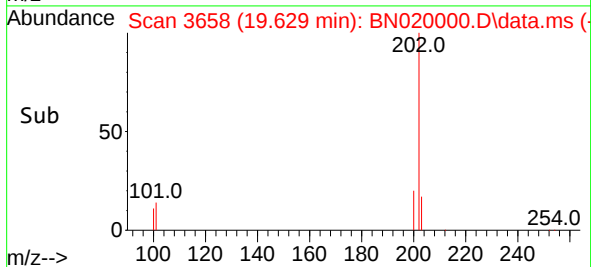
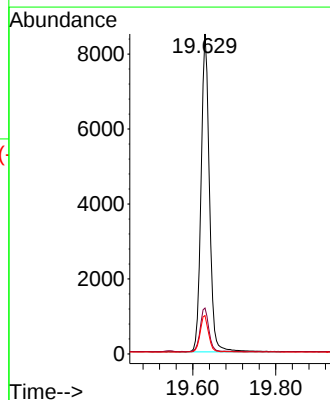
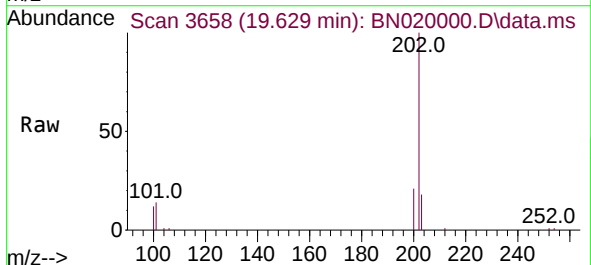
Tgt Ion:202 Resp: 11928

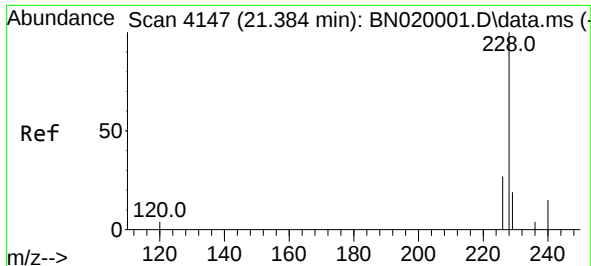
Ion Ratio Lower Upper

202 100

101 14.4 11.4 17.0

100 12.0 9.0 13.4

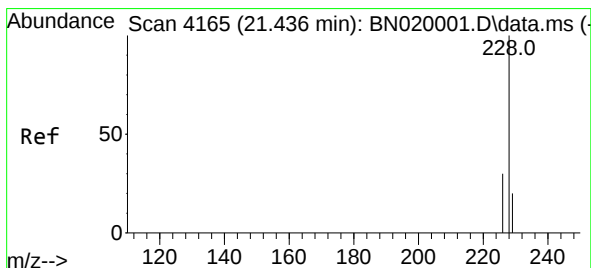
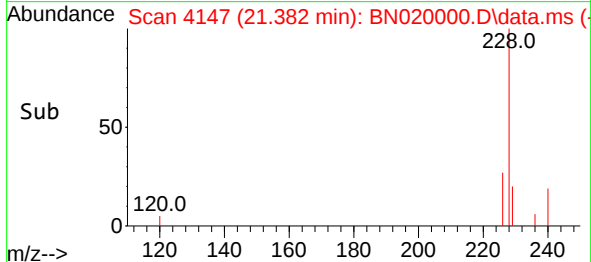
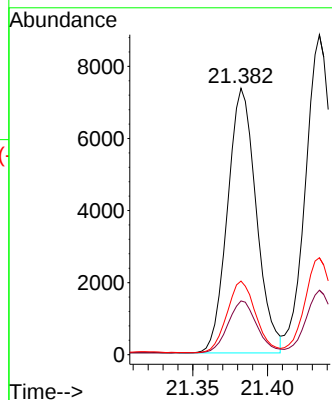
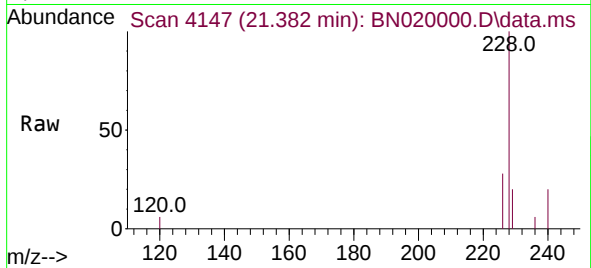




#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

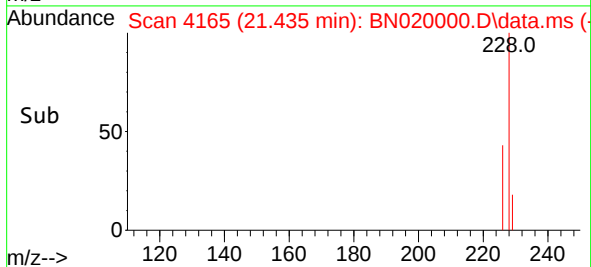
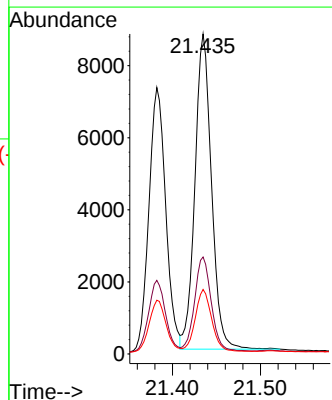
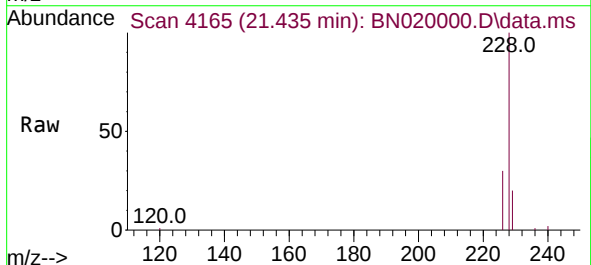
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

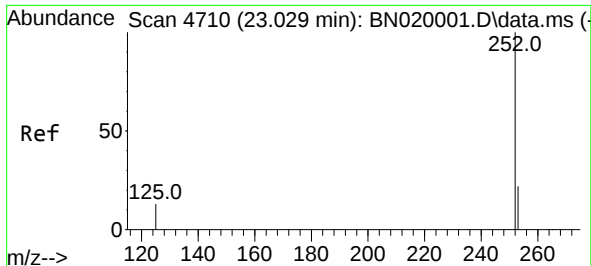
Tgt Ion:228 Resp: 9834
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.222 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:228 Resp: 11479
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 20.1 16.0 24.0

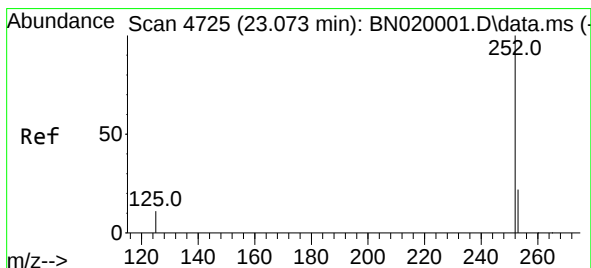
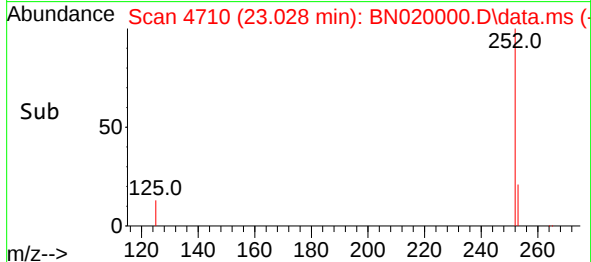
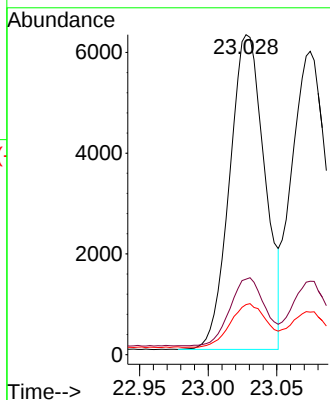
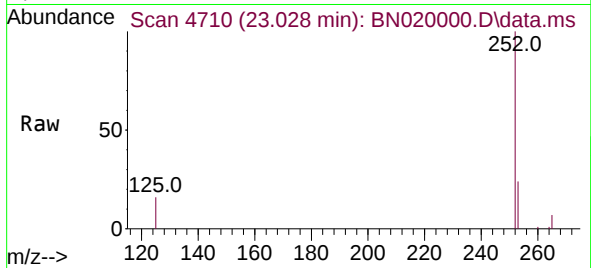




#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

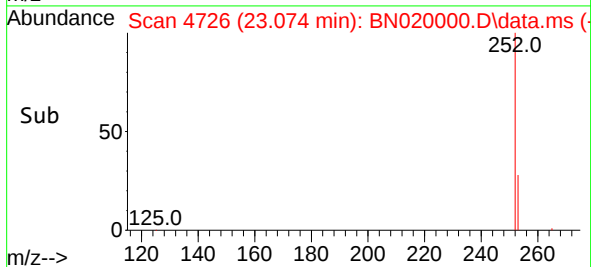
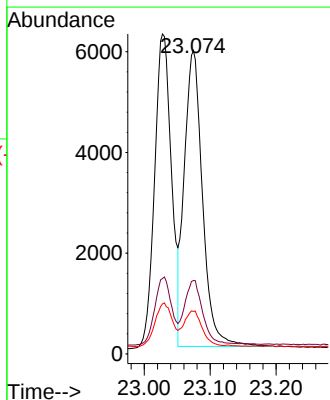
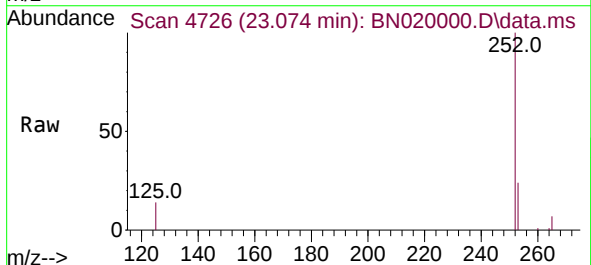
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

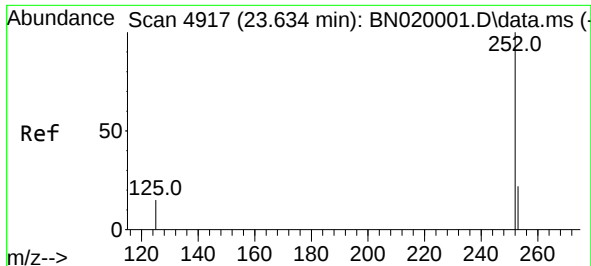
Tgt Ion:252 Resp: 11146
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.0
125 15.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. 0.001 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:252 Resp: 11275
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.2
125 14.0 11.0 16.6

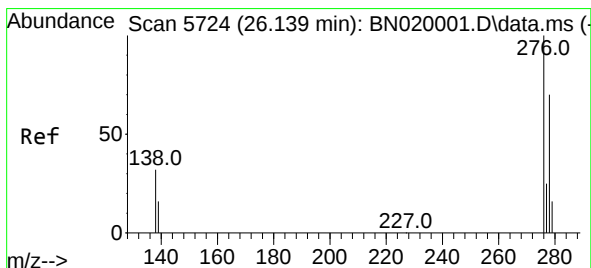
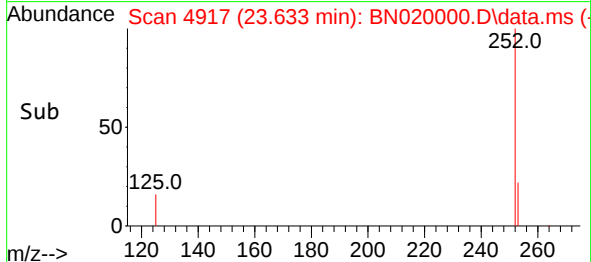
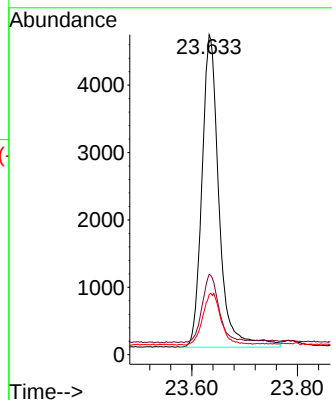
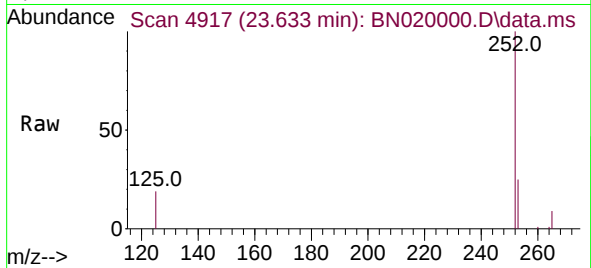




#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.633 min Scan# 4917
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

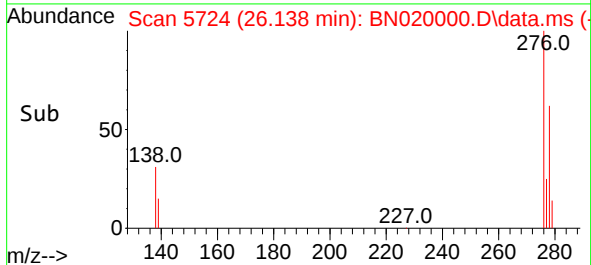
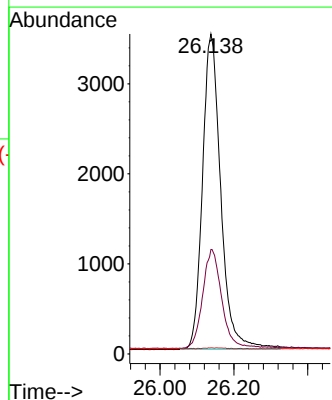
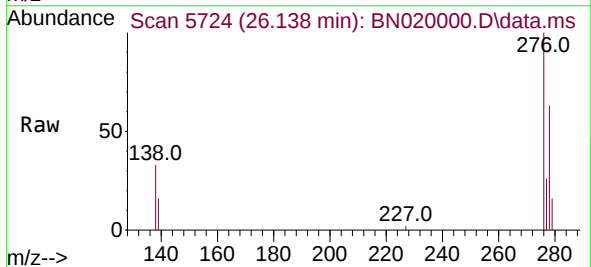
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

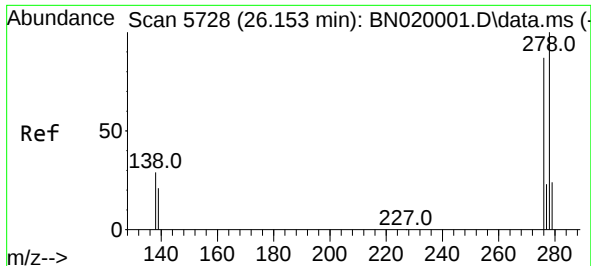
Tgt Ion:252 Resp: 10413
Ion Ratio Lower Upper
252 100
253 25.1 23.4 35.0
125 18.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:276 Resp: 12085
Ion Ratio Lower Upper
276 100
138 32.9 23.6 35.4
227 0.0 0.0 0.0#

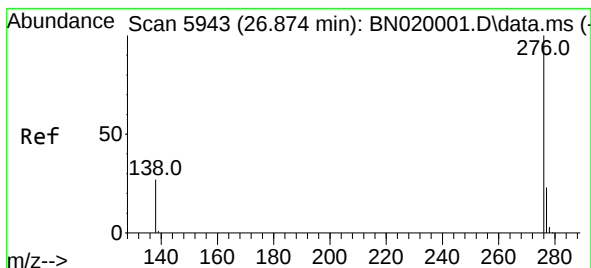
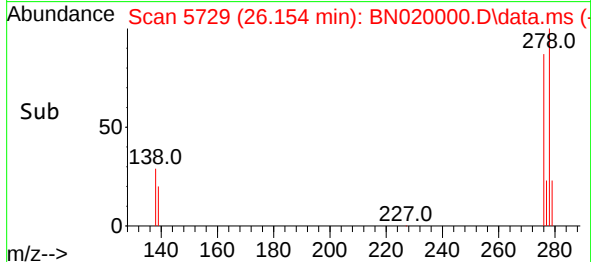
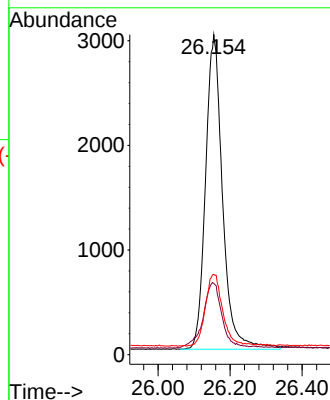
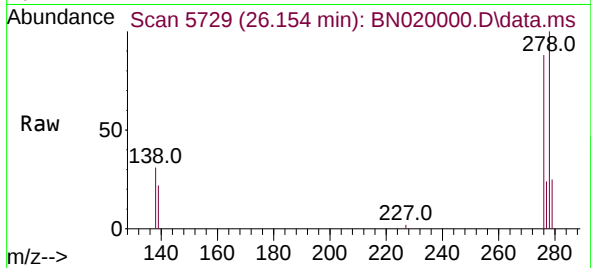




#28
Dibenzo(a,h)anthracene
Concen: 0.239 ng/ul
RT: 26.154 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Tgt Ion:278 Resp: 9860
Ion Ratio Lower Upper
278 100
139 22.3 18.6 28.0
279 25.1 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.239 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.002 min
Lab File: BN020000.D
Acq: 31 May 2022 13:40

Tgt Ion:276 Resp: 10270
Ion Ratio Lower Upper
276 100
138 28.5 20.9 31.3
277 24.7 20.4 30.6

