

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021226.D
 Acq On : 15 Aug 2022 08:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

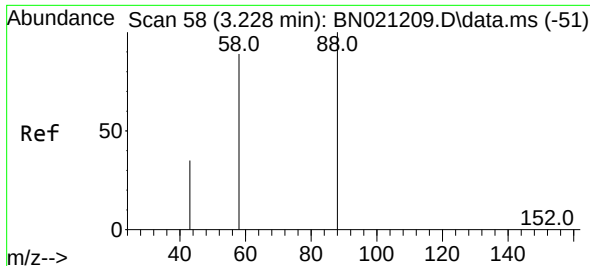
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4290

Quant Time: Aug 15 11:50:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2789	0.400	ng/ul	0.00
4) Naphthalene-d8	10.574	136	9884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.429	164	5657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	10046	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	6324	0.400	ng/ul	0.00
23) Perylene-d12	23.728	264	5037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	1398	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.180	152	5659	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	10272	0.526	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	1360	0.370	ng/ul#	81
5) Naphthalene	10.629	128	10455	0.344	ng/ul	98
7) 2-Methylnaphthalene	12.257	142	6273	0.341	ng/ul	99
8) 1-Methylnaphthalene	12.472	142	7062	0.383	ng/ul	100
10) Acenaphthylene	14.151	152	9071	0.343	ng/ul	99
11) Acenaphthene	14.494	153	7396	0.338	ng/ul	98
12) Fluorene	15.488	166	7827	0.327	ng/ul	98
14) Pentachlorophenol	16.864	266	297	0.192	ng/ul	99
15) Phenanthrene	17.227	178	11962	0.333	ng/ul	99
16) Anthracene	17.328	178	9252	0.332	ng/ul	100
19) Fluoranthene	19.254	202	12393	0.443	ng/ul	99
20) Pyrene	19.621	202	12854	0.445	ng/ul	98
21) Benzo(a)anthracene	21.380	228	6506	0.315	ng/ul	99
22) Chrysene	21.433	228	8781	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.020	252	7487	0.321	ng/ul	97
25) Benzo(k)fluoranthene	23.067	252	8035	0.327	ng/ul	97
26) Benzo(a)pyrene	23.628	252	6882	0.324	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.139	276	7092	0.279	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.159	278	5142	0.256	ng/ul	96
29) Benzo(g,h,i)perylene	26.863	276	7229	0.319	ng/ul	97

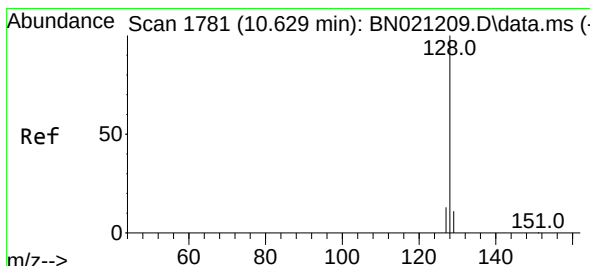
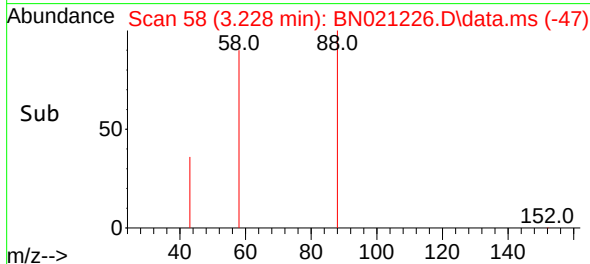
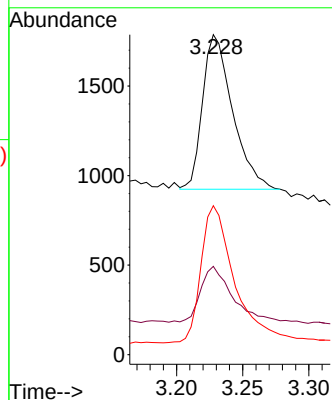
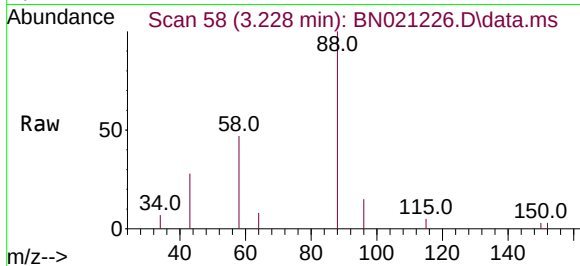
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.370 ng/ul
RT: 3.228 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

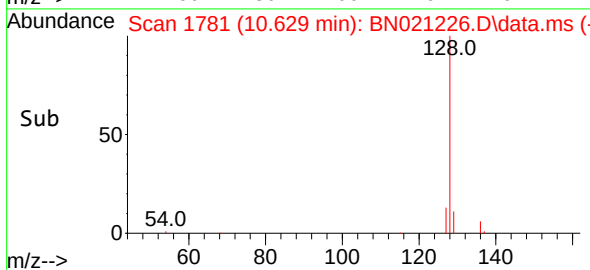
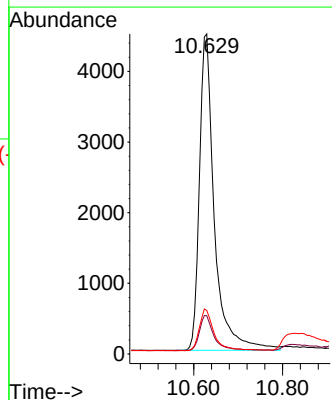
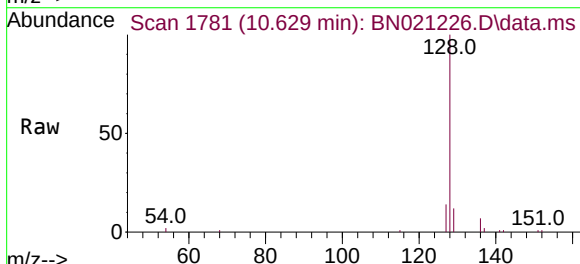
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

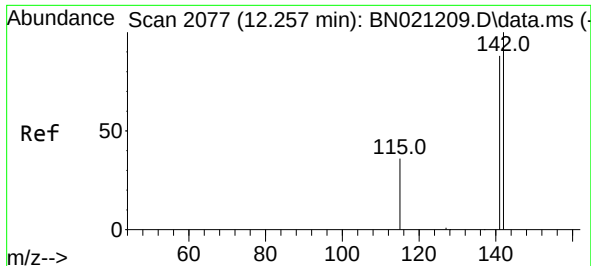
Tgt Ion: 88 Resp: 1360
Ion Ratio Lower Upper
88 100
43 27.6 31.4 47.0#
58 46.6 49.0 73.6#



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion: 128 Resp: 10455
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 13.6 11.6 17.4

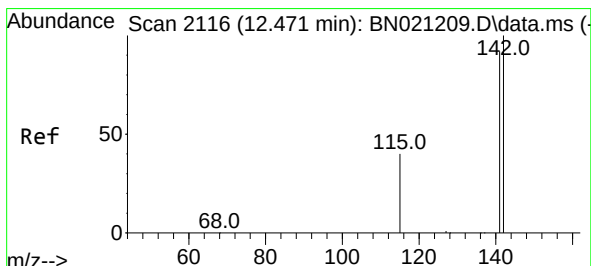
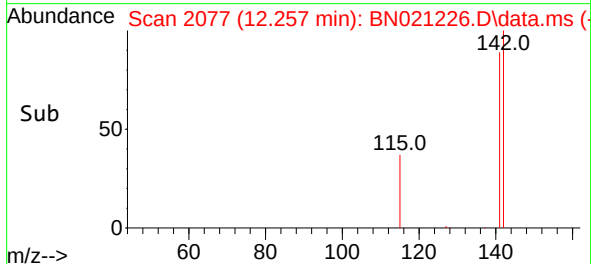
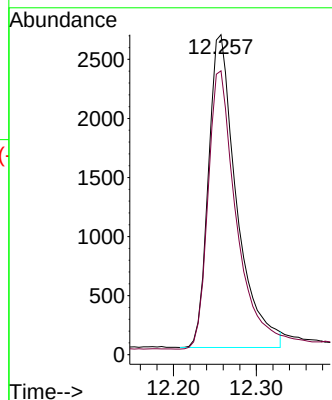
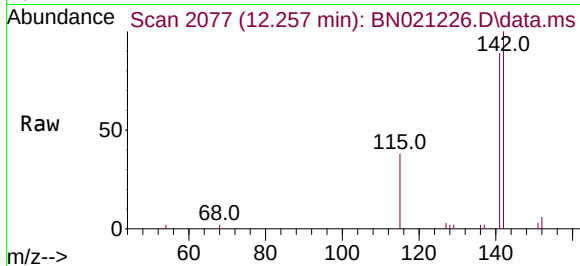




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.257 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

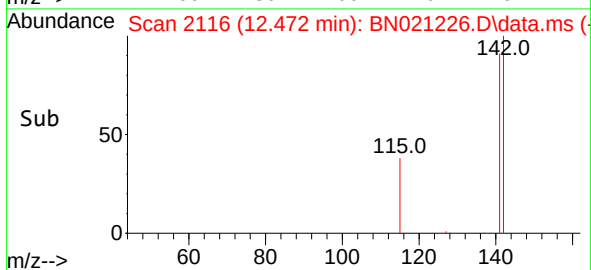
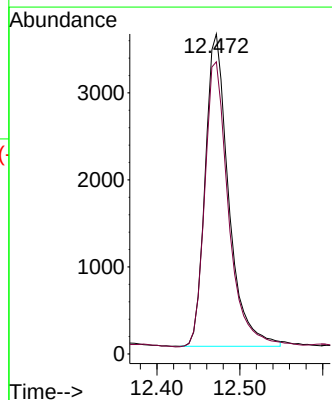
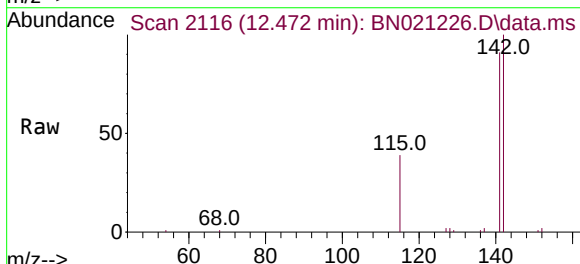
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

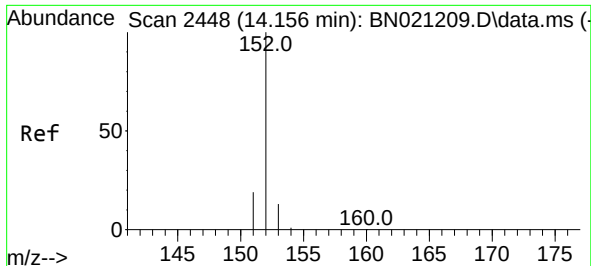
Tgt Ion:142 Resp: 6273
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.472 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:142 Resp: 7062
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

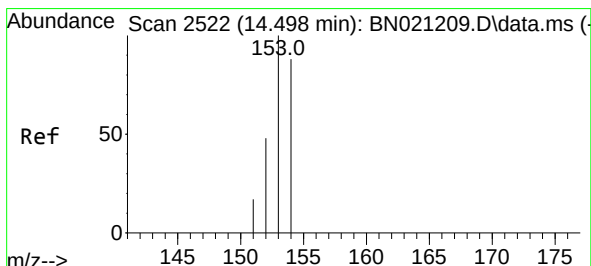
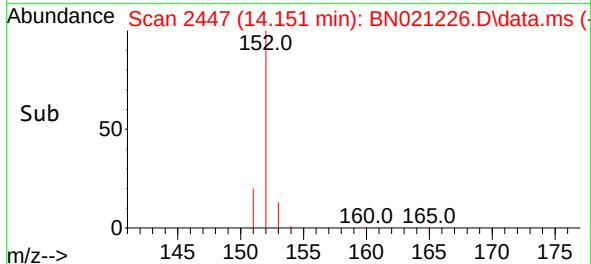
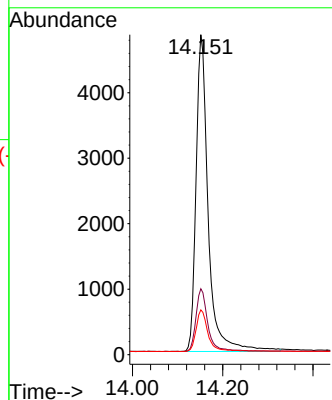
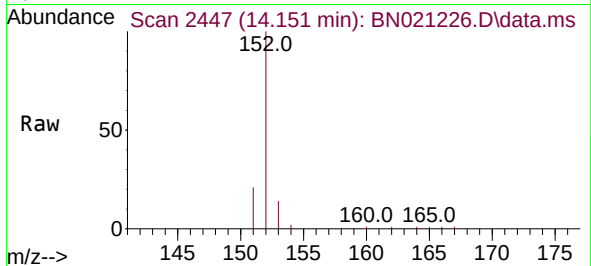




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.151 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

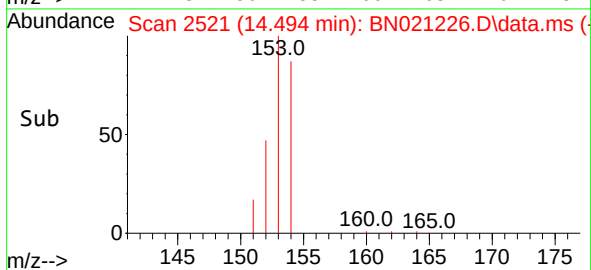
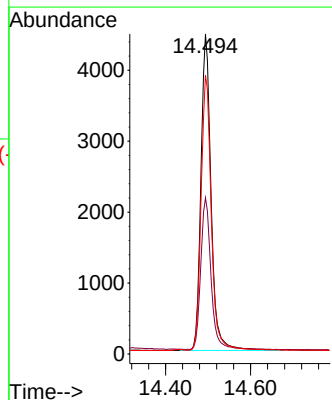
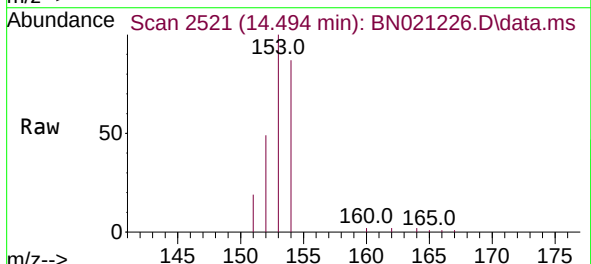
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

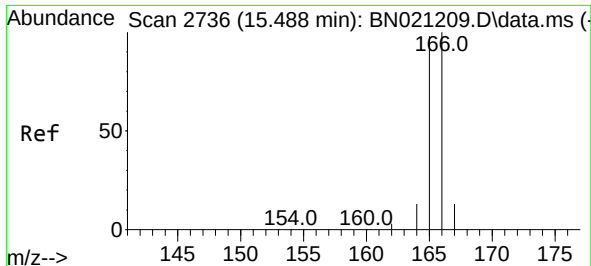
Tgt Ion:152 Resp: 9071
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.494 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:153 Resp: 7396
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 87.1 70.7 106.1

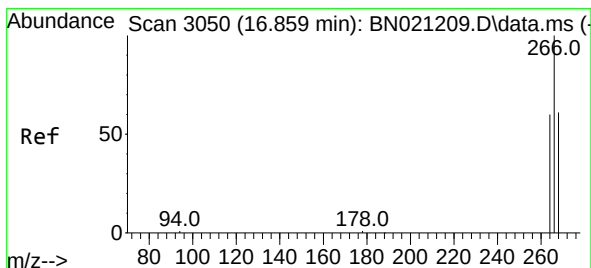
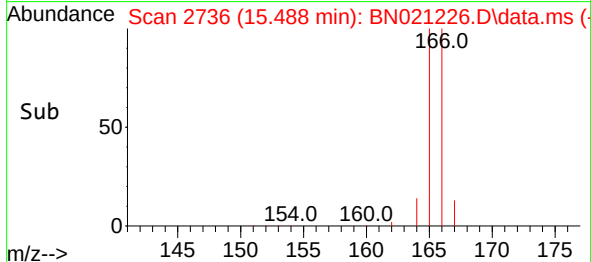
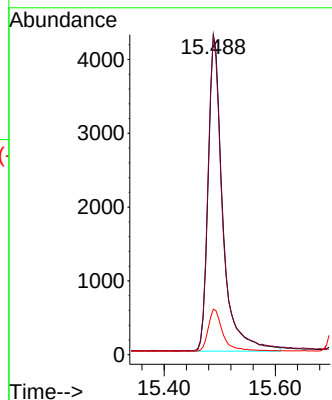
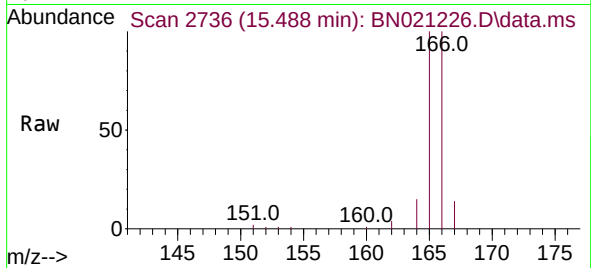




#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.488 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

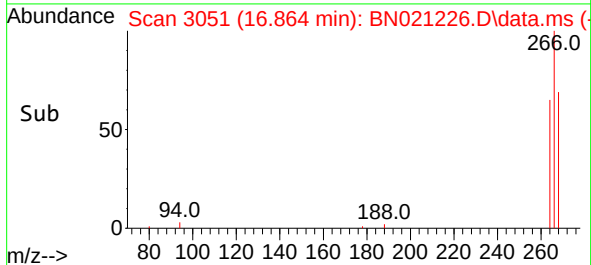
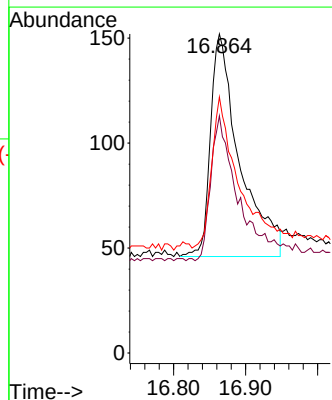
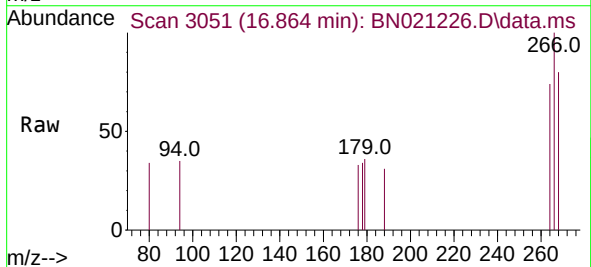
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

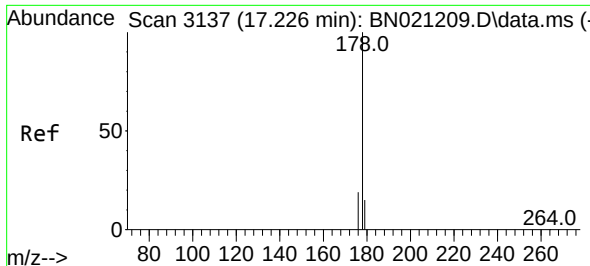
Tgt Ion:166 Resp: 7827
Ion Ratio Lower Upper
166 100
165 100.0 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.192 ng/ul
RT: 16.864 min Scan# 3051
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:266 Resp: 297
Ion Ratio Lower Upper
266 100
264 61.6 49.8 74.8
268 62.3 50.6 75.8

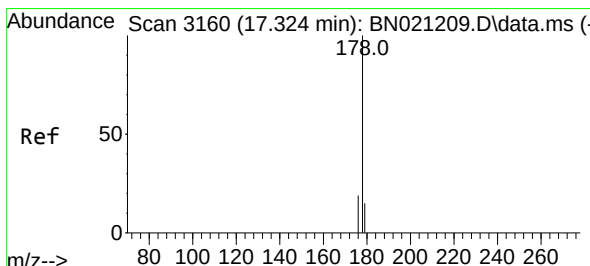
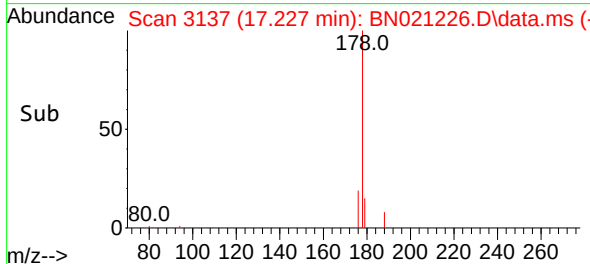
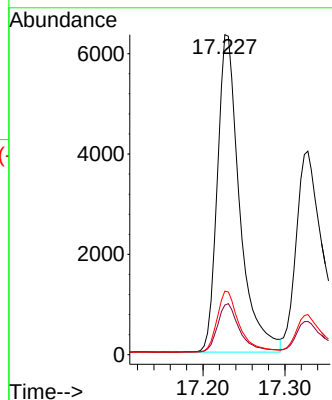
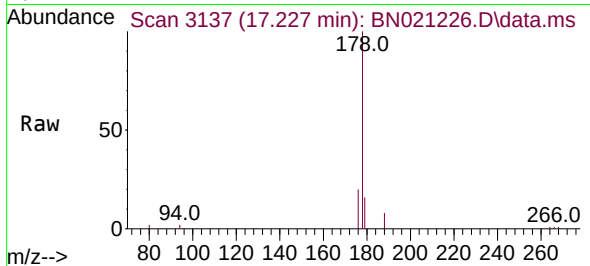




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.227 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

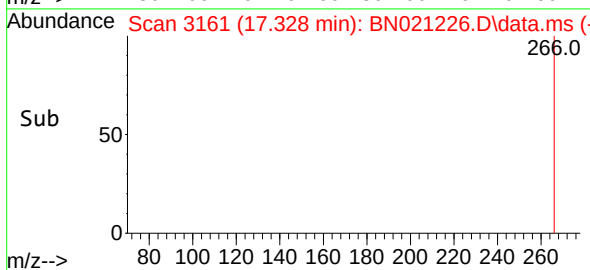
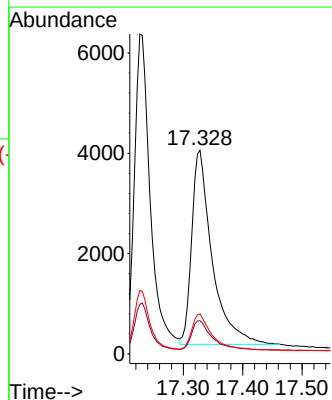
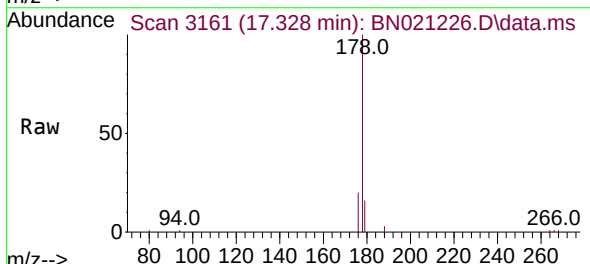
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

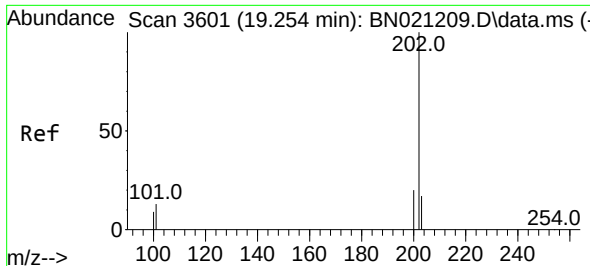
Tgt Ion:178 Resp: 11962
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:178 Resp: 9252
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.7 15.9 23.9

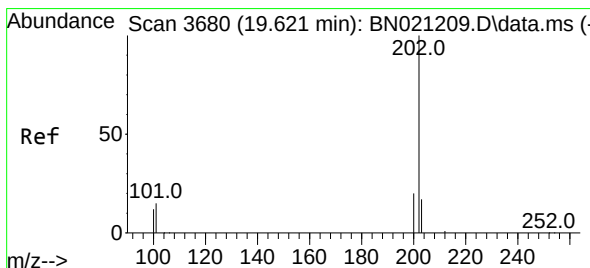
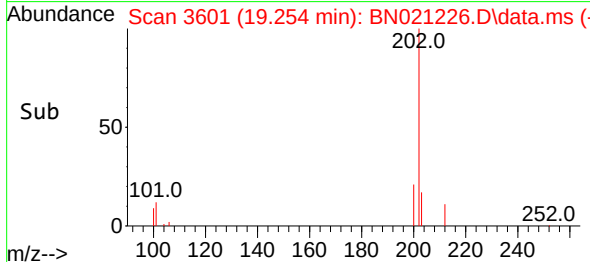
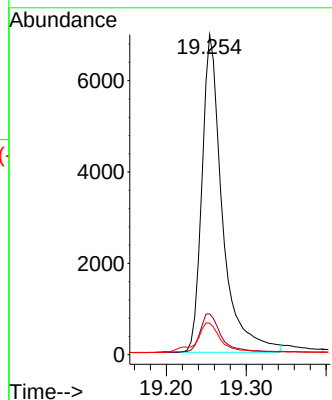
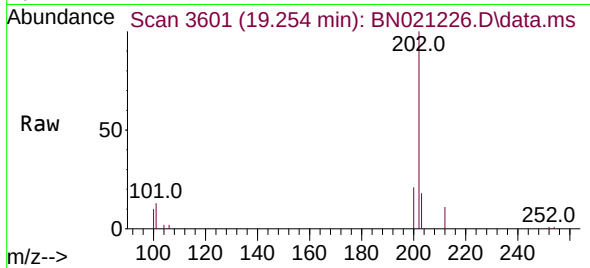




#19
Fluoranthene
Concen: 0.443 ng/u1
RT: 19.254 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

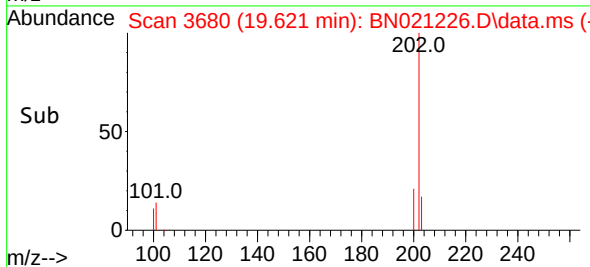
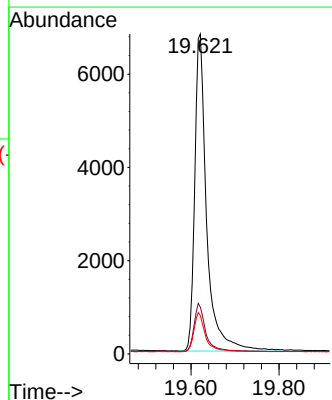
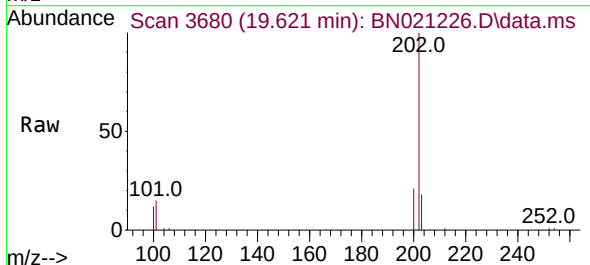
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

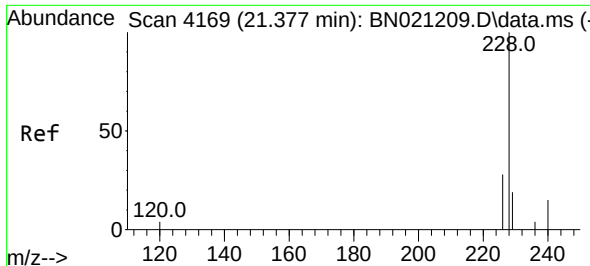
Tgt Ion:202 Resp: 12393
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 9.8 8.0 12.0



#20
Pyrene
Concen: 0.445 ng/u1
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:202 Resp: 12854
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.0 9.0 13.4

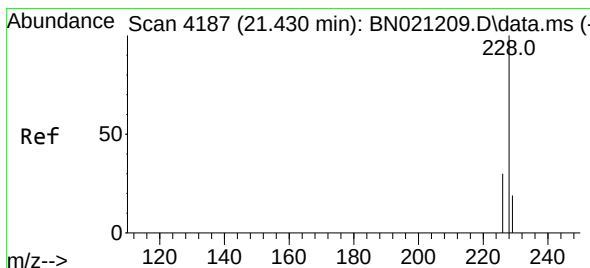
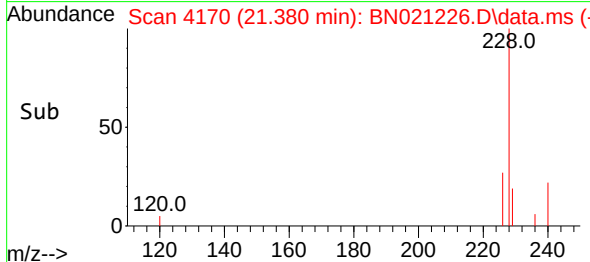
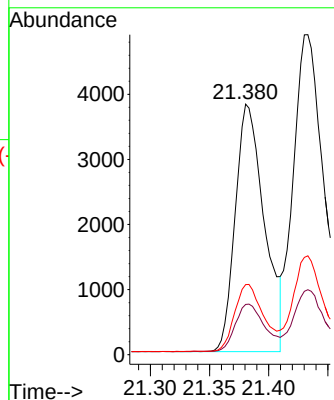
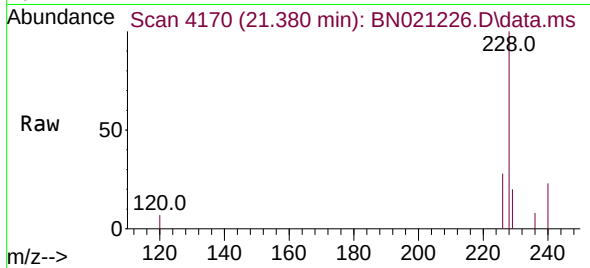




#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.380 min Scan# 4169
Delta R.T. 0.000 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

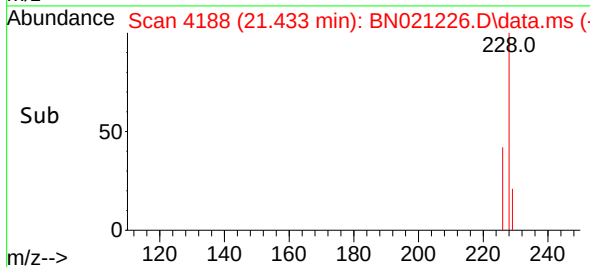
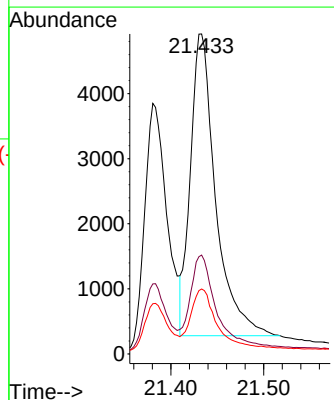
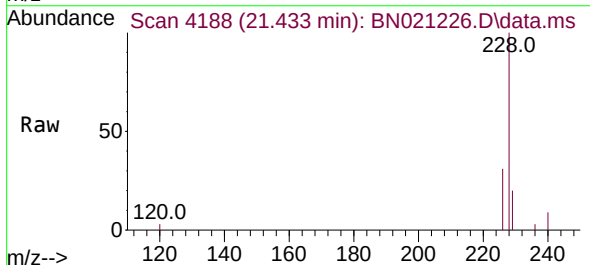
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

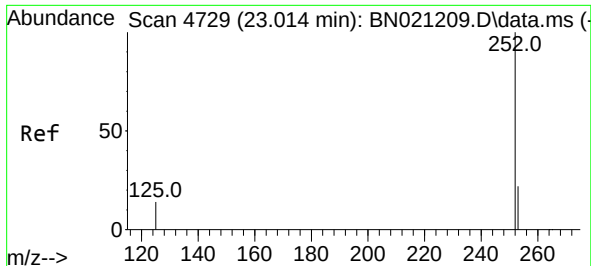
Tgt Ion:228 Resp: 6506
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:228 Resp: 8781
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.3 15.8 23.8

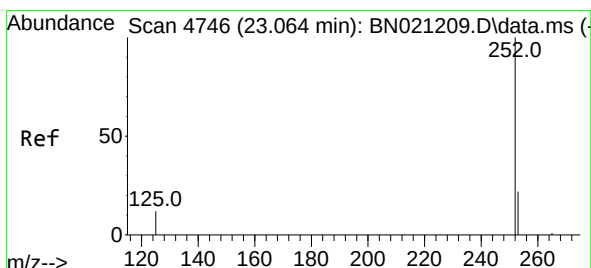
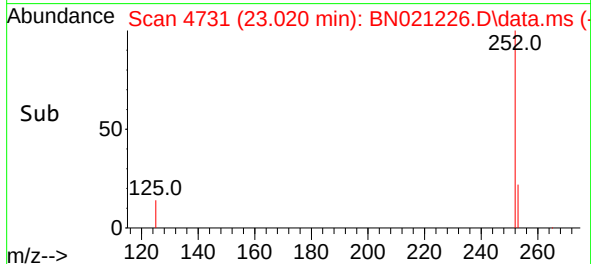
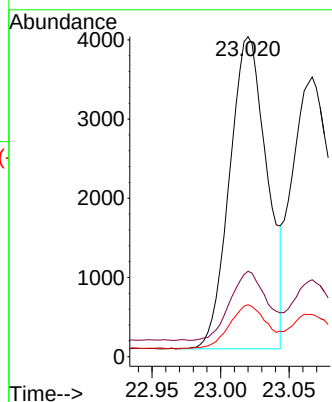
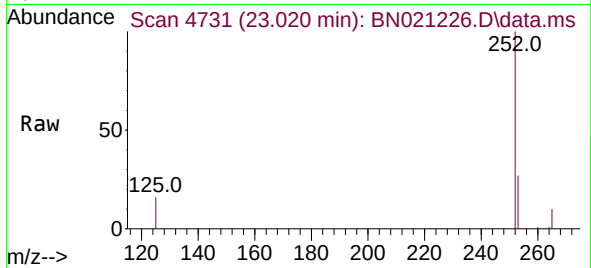




#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

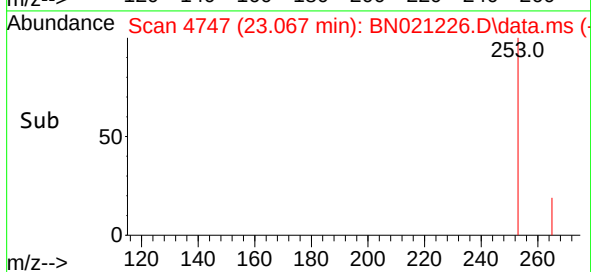
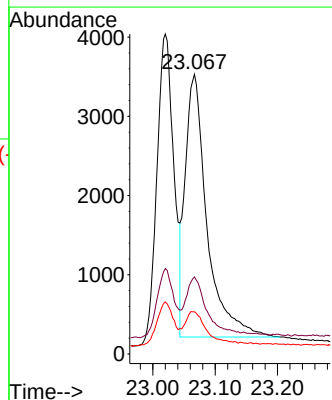
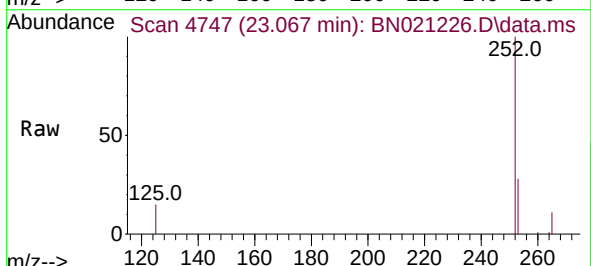
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

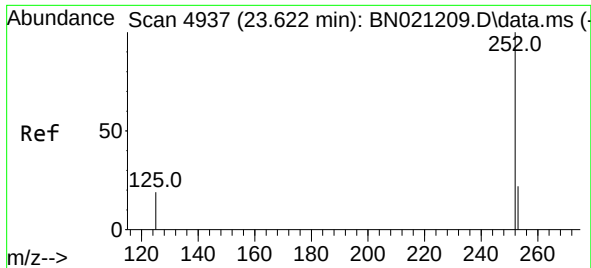
Tgt Ion:252 Resp: 7487
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.8
125 16.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:252 Resp: 8035
Ion Ratio Lower Upper
252 100
253 27.6 20.6 31.0
125 15.1 11.8 17.6

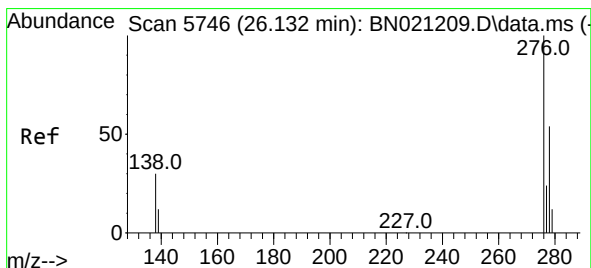
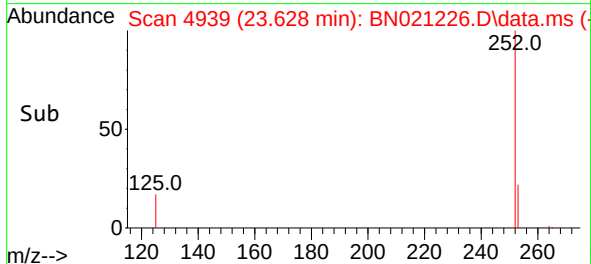
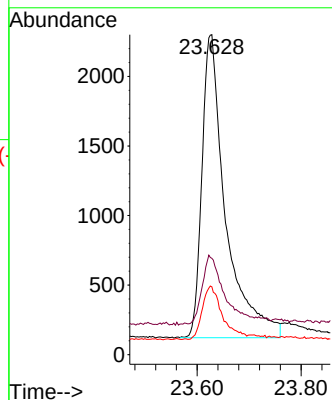
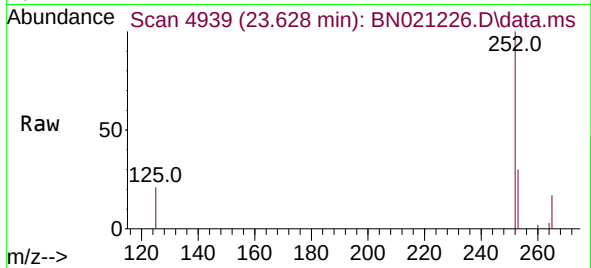




#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.628 min Scan# 4939
Delta R.T. 0.006 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

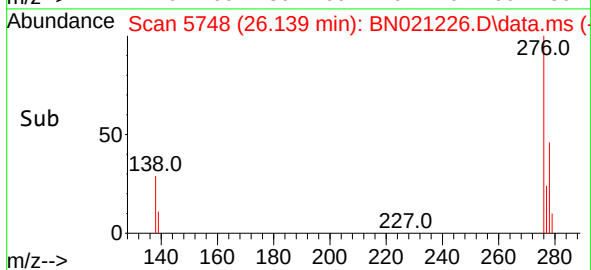
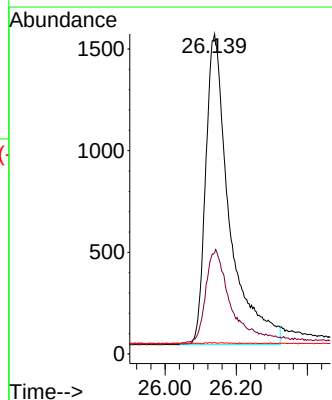
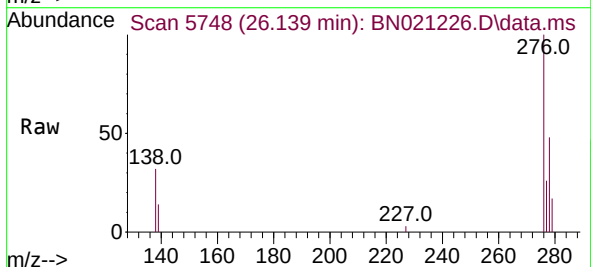
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

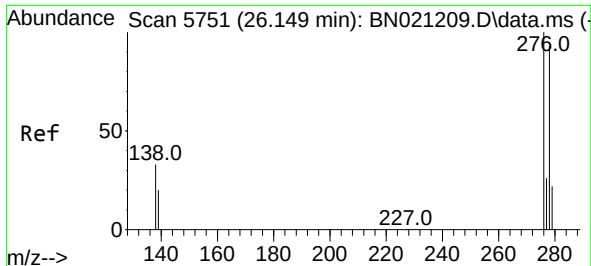
Tgt Ion:252 Resp: 6882
Ion Ratio Lower Upper
252 100
253 30.1 22.1 33.1
125 21.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.139 min Scan# 5748
Delta R.T. 0.004 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:276 Resp: 7092
Ion Ratio Lower Upper
276 100
138 32.9 26.1 39.1
227 0.0 0.1 0.1#

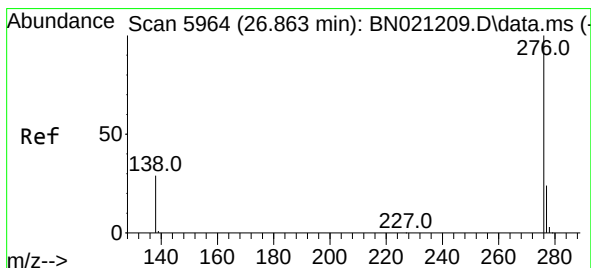
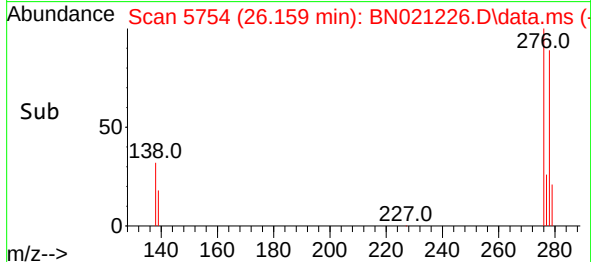
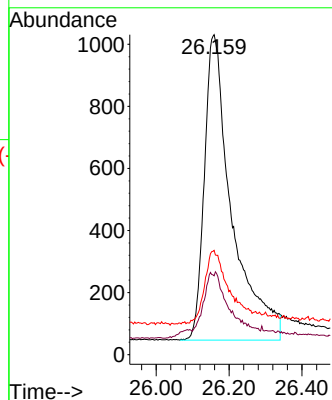
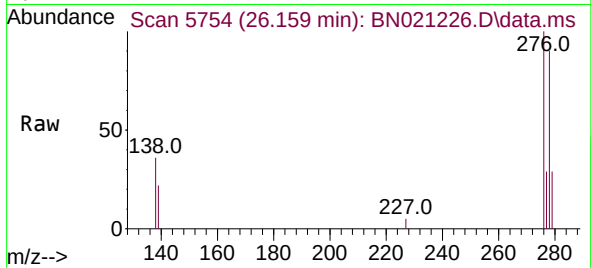




#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 26.159 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

Tgt Ion:278 Resp: 5142
Ion Ratio Lower Upper
278 100
139 24.6 18.3 27.5
279 32.6 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.863 min Scan# 5964
Delta R.T. -0.006 min
Lab File: BN021226.D
Acq: 15 Aug 2022 08:39

Tgt Ion:276 Resp: 7229
Ion Ratio Lower Upper
276 100
138 30.2 22.6 34.0
277 26.0 20.2 30.2

