

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020826.D
 Acq On : 25 Jul 2022 14:57
 Operator : CG/JU
 Sample : SST0.217
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2217

Quant Time: Jul 25 17:34:06 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:51:29 2022
 Response via : Initial Calibration

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

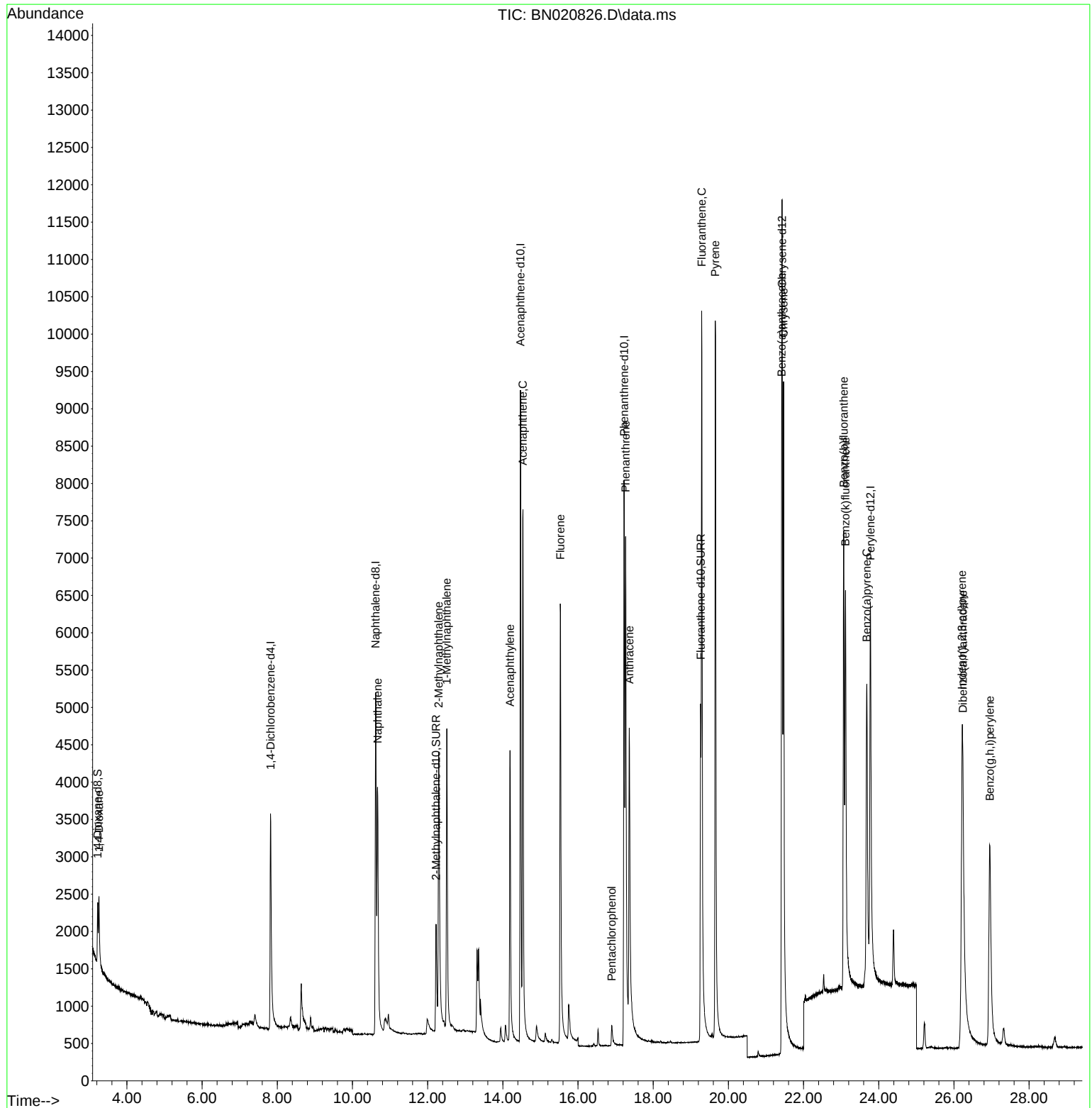
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	5653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	11243	0.400	ng/ul	0.00
17) Chrysene-d12	21.429	240	9623	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	8204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	588	0.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	2665	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	6175	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	595	0.221	ng/ul#	74
5) Naphthalene	10.667	128	5974	0.235	ng/ul	97
7) 2-Methylnaphthalene	12.295	142	3994	0.234	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	3474	0.215	ng/ul	99
10) Acenaphthylene	14.192	152	6036	0.225	ng/ul	98
11) Acenaphthene	14.534	153	4979	0.232	ng/ul	99
12) Fluorene	15.529	166	5348	0.210	ng/ul	99
14) Pentachlorophenol	16.896	266	315	0.139	ng/ul	98
15) Phenanthrene	17.268	178	9052	0.232	ng/ul	99
16) Anthracene	17.365	178	6909	0.205	ng/ul	99
19) Fluoranthene	19.290	202	10127	0.230	ng/ul	96
20) Pyrene	19.653	202	10781	0.236	ng/ul	95
21) Benzo(a)anthracene	21.417	228	6664	0.193	ng/ul	99
22) Chrysene	21.467	228	9084	0.236	ng/ul	100
24) Benzo(b)fluoranthene	23.069	252	8454	0.223	ng/ul	93
25) Benzo(k)fluoranthene	23.115	252	8815	0.230	ng/ul	96
26) Benzo(a)pyrene	23.680	252	7804	0.226	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.218	276	8221	0.239	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.238	278	6164	0.222	ng/ul	93
29) Benzo(g,h,i)perylene	26.953	276	7457	0.253	ng/ul	97

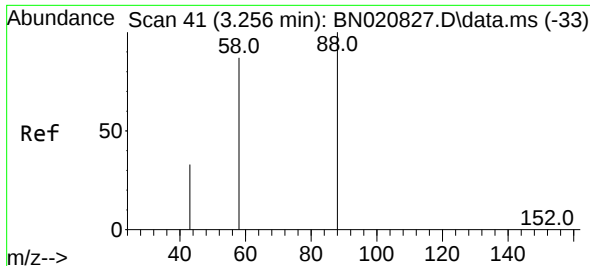
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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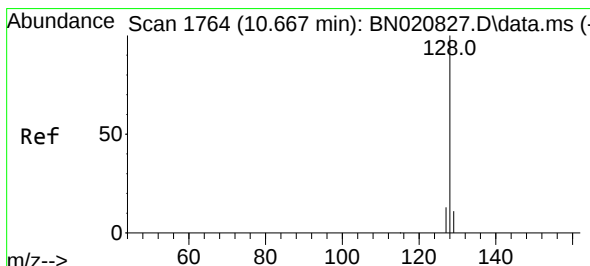
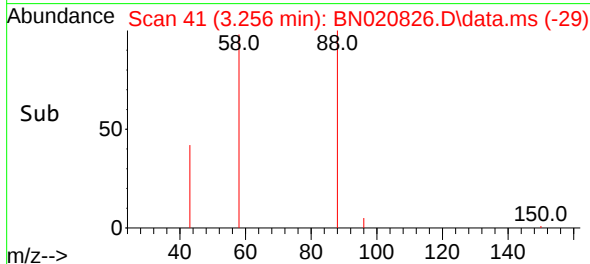
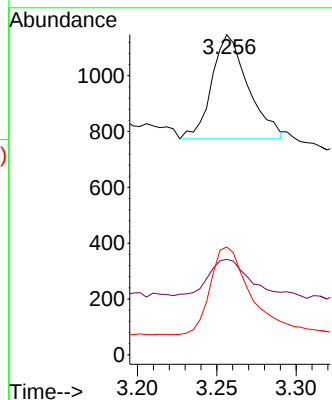
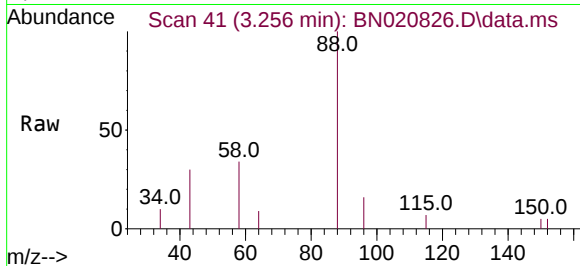




#2
 1,4-Dioxane
 Concen: 0.221 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020826.D
 Acq: 25 Jul 2022 14:57

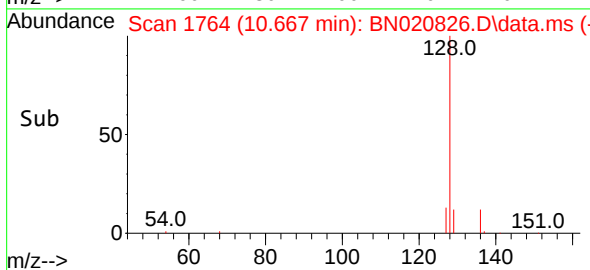
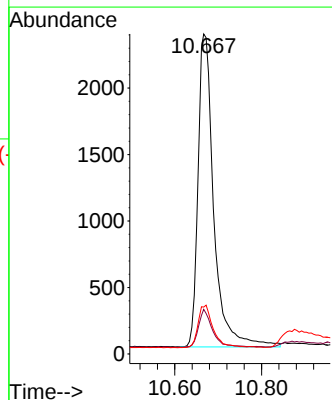
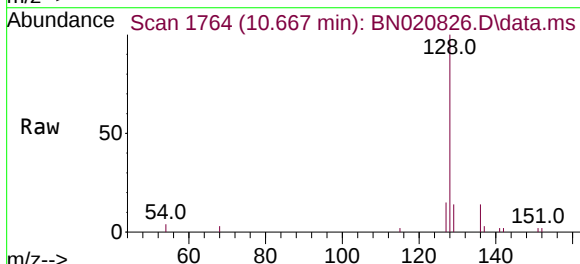
Instrument :
 BNA_N
 ClientSampleId :
 SST00.2217

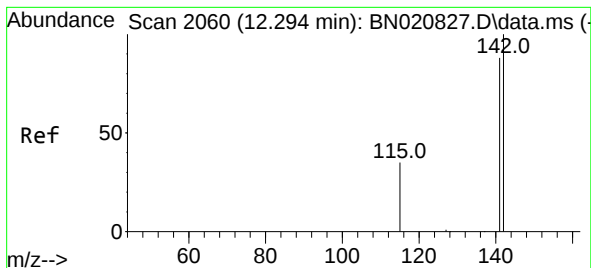
Tgt Ion: 88 Resp: 595
 Ion Ratio Lower Upper
 88 100
 43 29.8 32.5 48.7#
 58 33.7 46.2 69.2#



#5
 Naphthalene
 Concen: 0.235 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020826.D
 Acq: 25 Jul 2022 14:57

Tgt Ion: 128 Resp: 5974
 Ion Ratio Lower Upper
 128 100
 129 14.0 9.5 14.3
 127 14.7 11.3 16.9

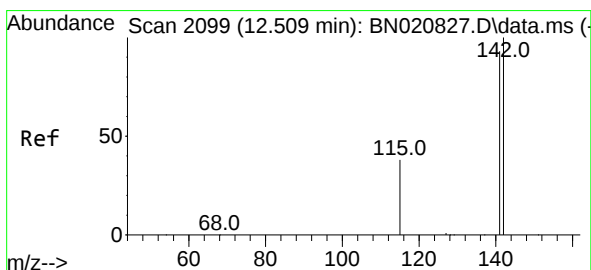
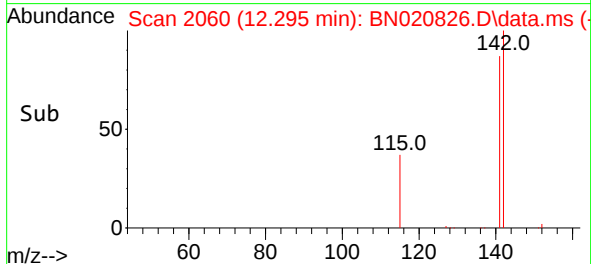
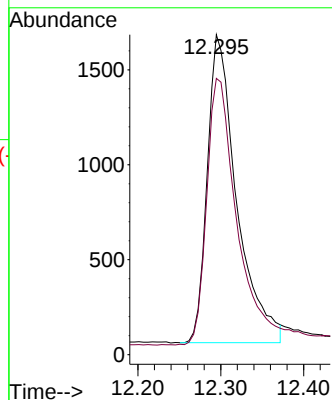
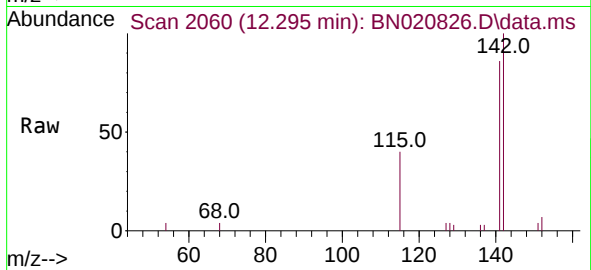




#7
2-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

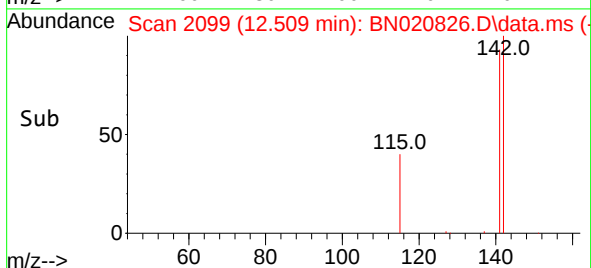
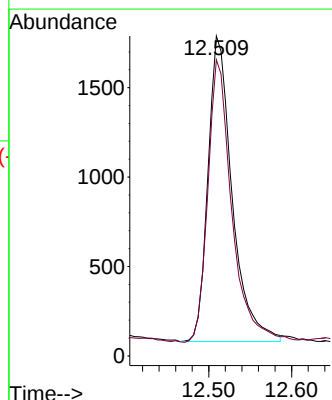
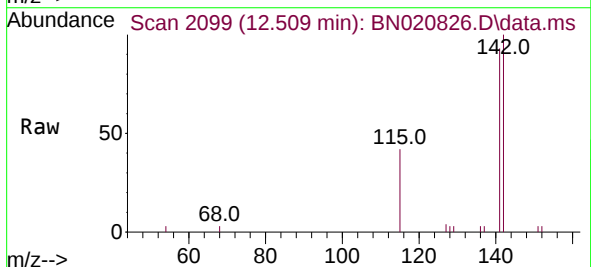
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

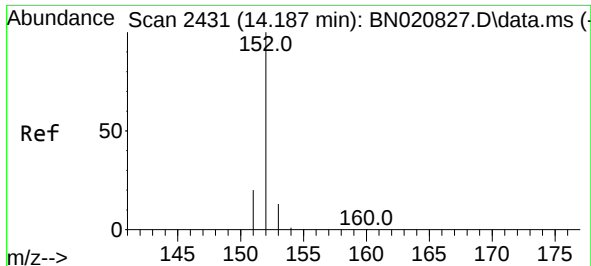
Tgt Ion:142 Resp: 3994
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:142 Resp: 3474
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5

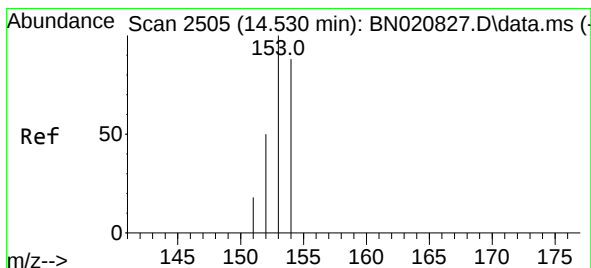
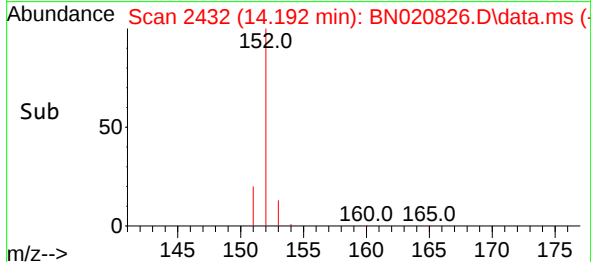
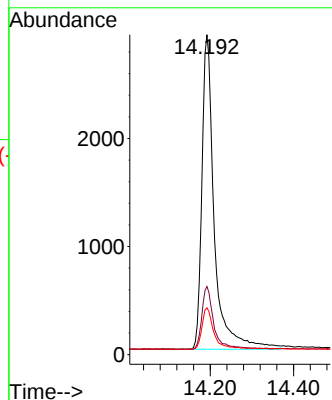
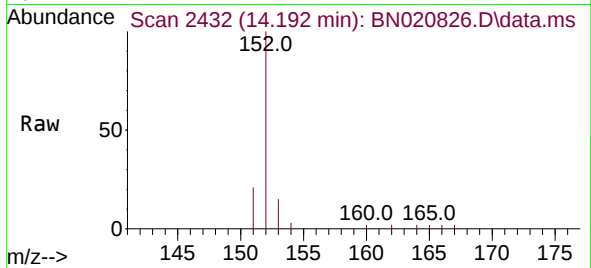




#10
Acenaphthylene
Concen: 0.225 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

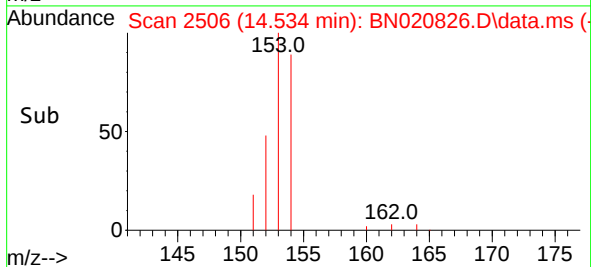
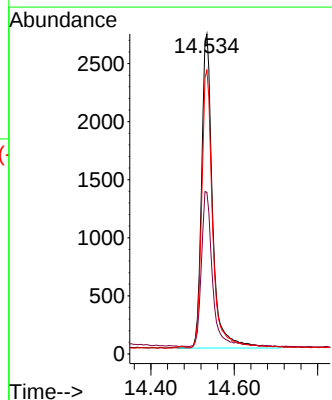
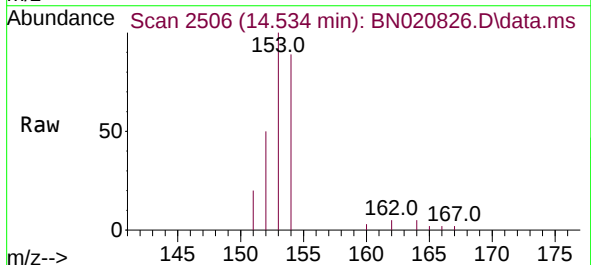
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

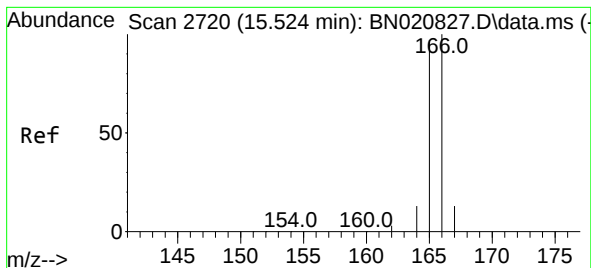
Tgt Ion:152 Resp: 6036
Ion Ratio Lower Upper
152 100
151 21.3 16.5 24.7
153 14.7 11.1 16.7



#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:153 Resp: 4979
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 88.7 70.0 105.0





#12

Fluorene

Concen: 0.210 ng/ul

RT: 15.529 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN020826.D

Acq: 25 Jul 2022 14:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.2217

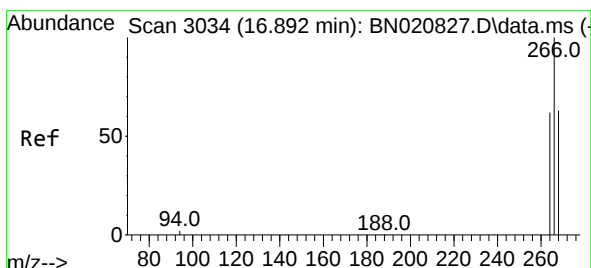
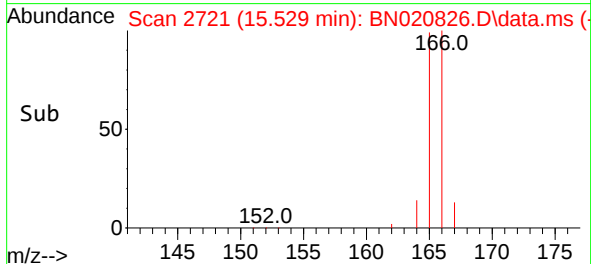
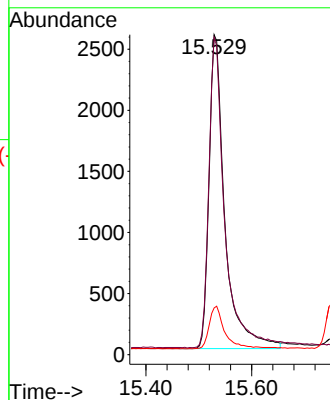
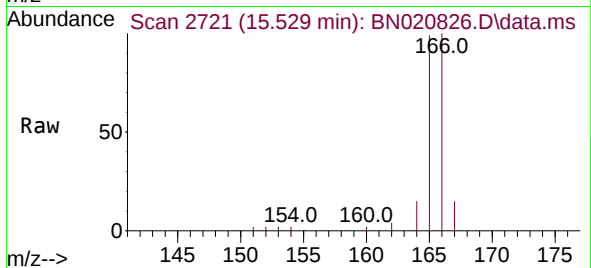
Tgt Ion:166 Resp: 5348

Ion Ratio Lower Upper

166 100

165 99.1 78.2 117.2

167 14.6 11.3 16.9



#14

Pentachlorophenol

Concen: 0.139 ng/ul

RT: 16.896 min Scan# 3035

Delta R.T. 0.004 min

Lab File: BN020826.D

Acq: 25 Jul 2022 14:57

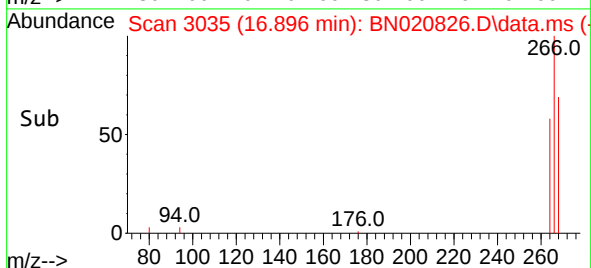
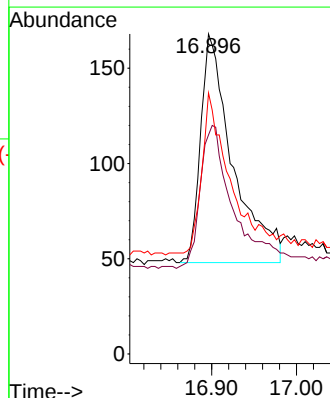
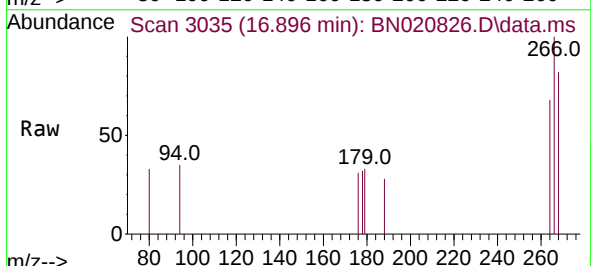
Tgt Ion:266 Resp: 315

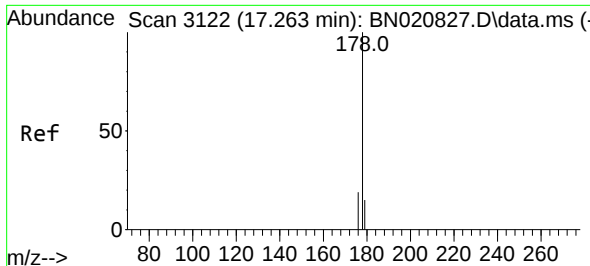
Ion Ratio Lower Upper

266 100

264 64.8 51.6 77.4

268 61.9 51.5 77.3

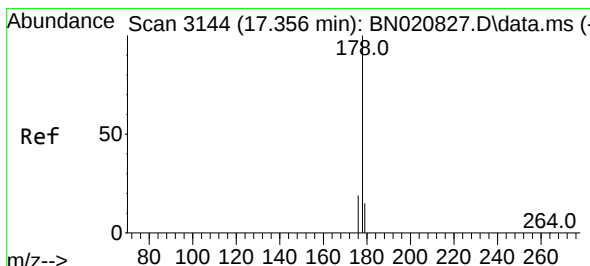
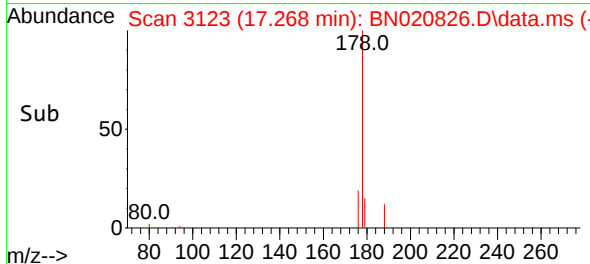
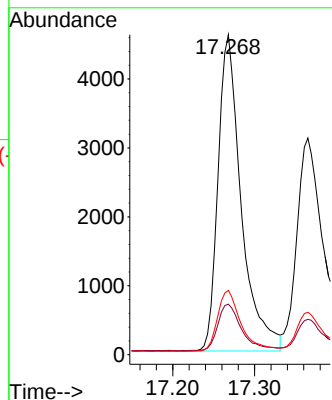
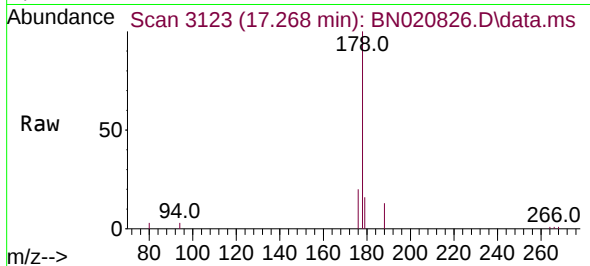




#15
Phenanthrene
Concen: 0.232 ng/ul
RT: 17.268 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

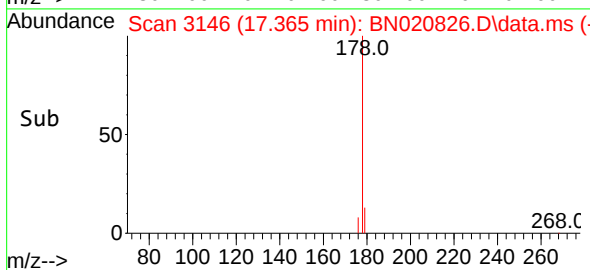
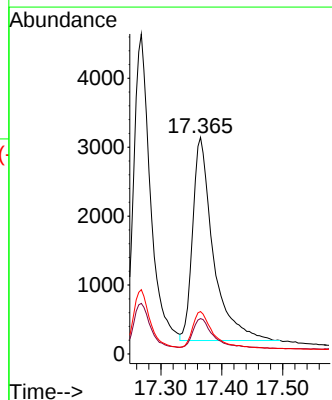
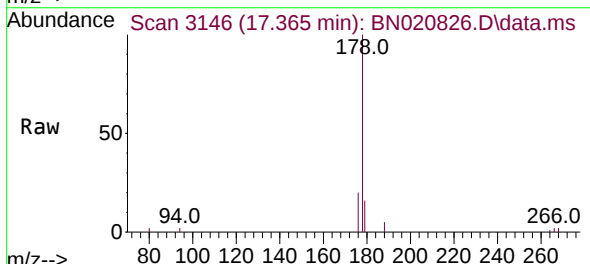
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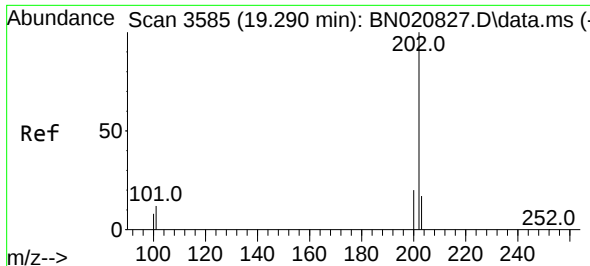
Tgt Ion:178 Resp: 9052
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.205 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.009 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:178 Resp: 6909
Ion Ratio Lower Upper
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179 16.4 12.8 19.2
176 19.6 15.2 22.8

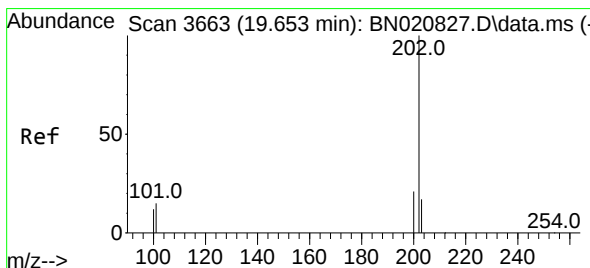
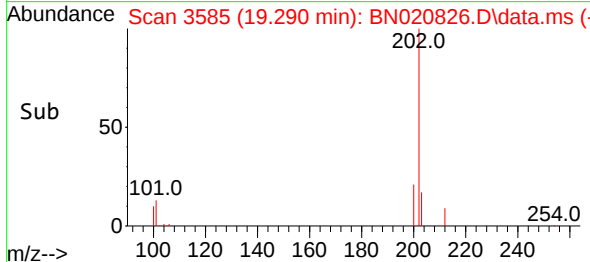
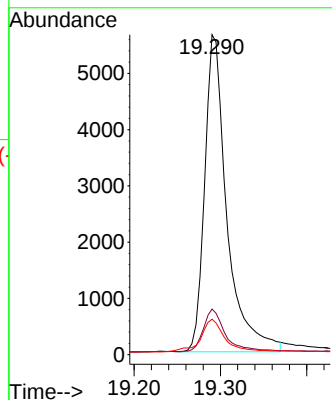
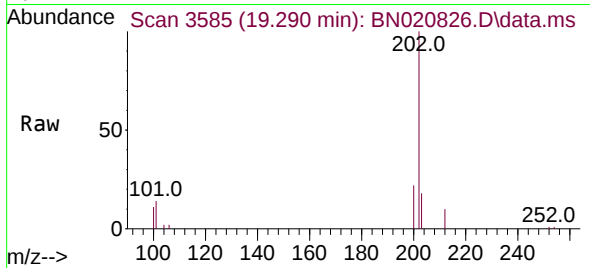




#19
Fluoranthene
Concen: 0.230 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

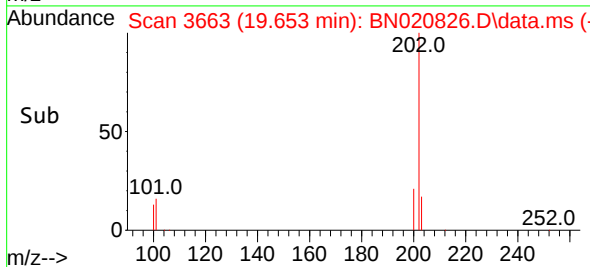
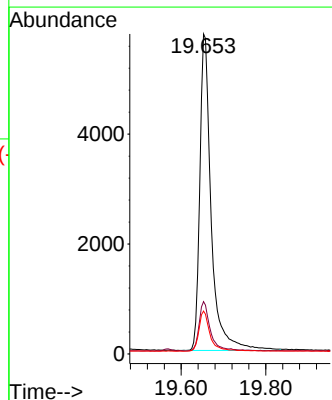
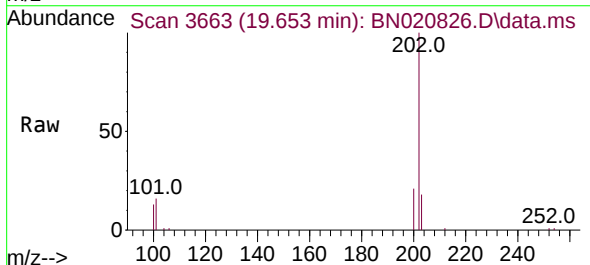
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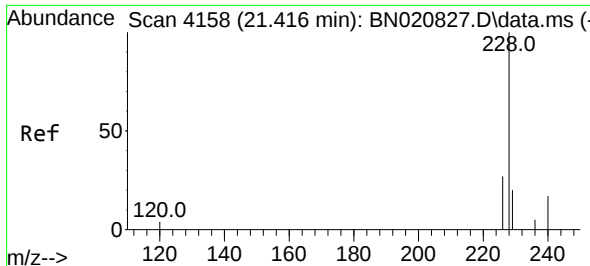
Tgt Ion:202 Resp: 10127
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.1 7.8 11.6



#20
Pyrene
Concen: 0.236 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:202 Resp: 10781
Ion Ratio Lower Upper
202 100
101 16.4 11.6 17.4
100 13.4 9.2 13.8

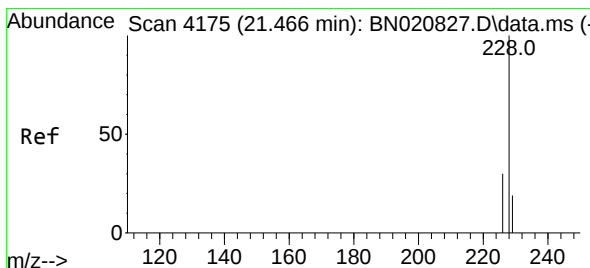
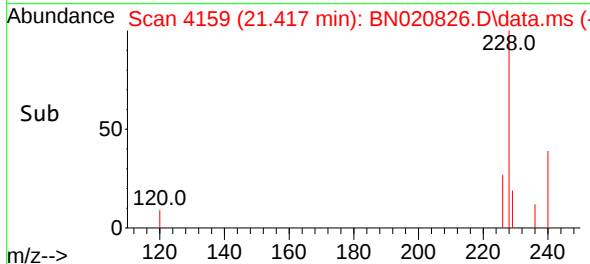
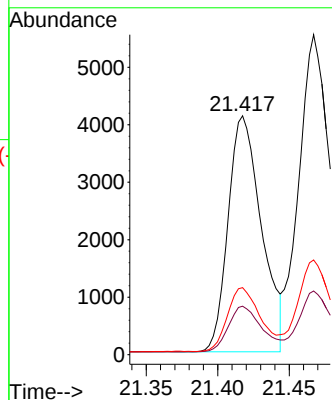
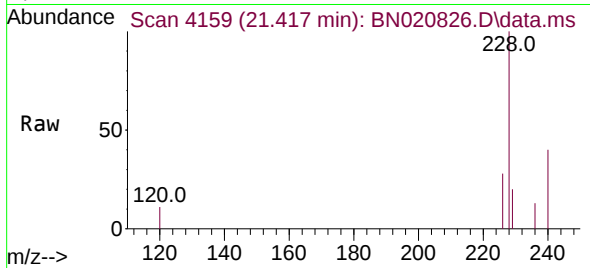




#21
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.417 min Scan# 4158
Delta R.T. 0.001 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

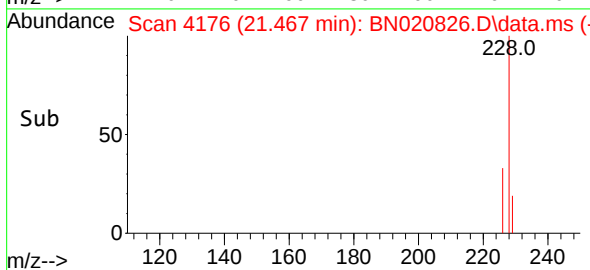
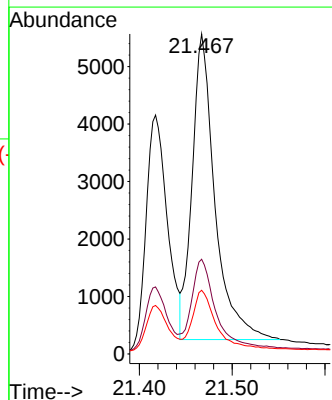
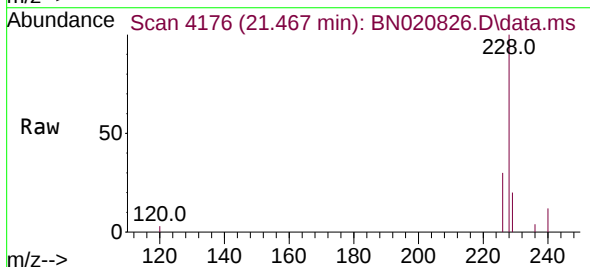
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

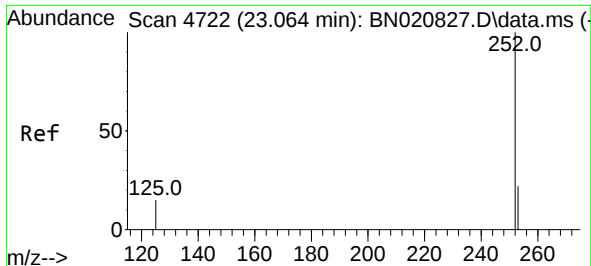
Tgt Ion:228 Resp: 6664
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.236 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:228 Resp: 9084
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.9 15.8 23.8

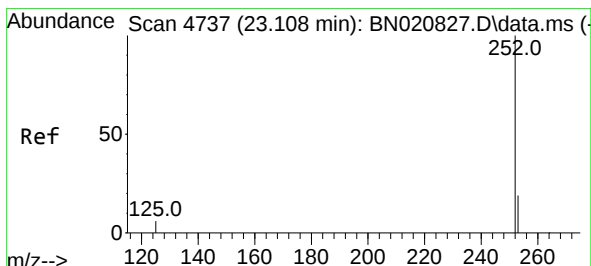
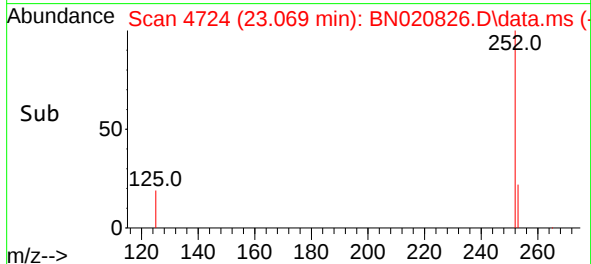
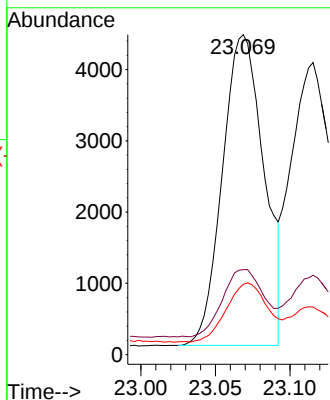
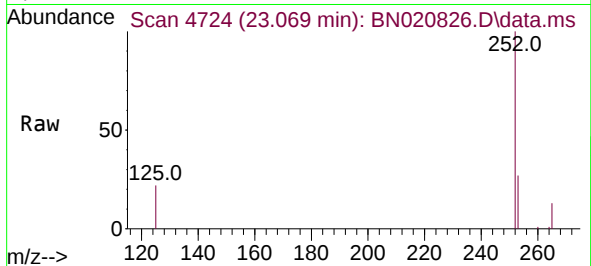




#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul
RT: 23.069 min Scan# 4724
Delta R.T. 0.004 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

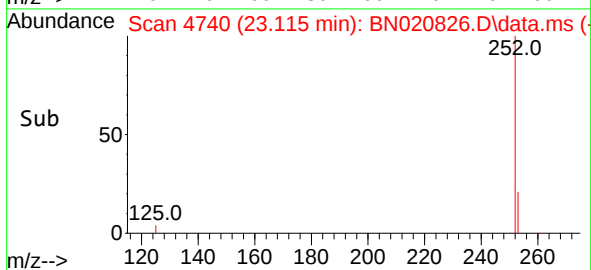
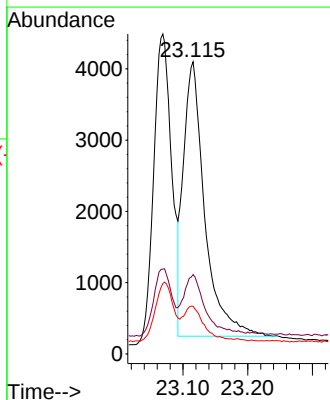
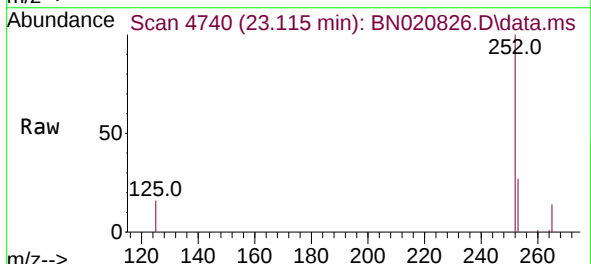
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

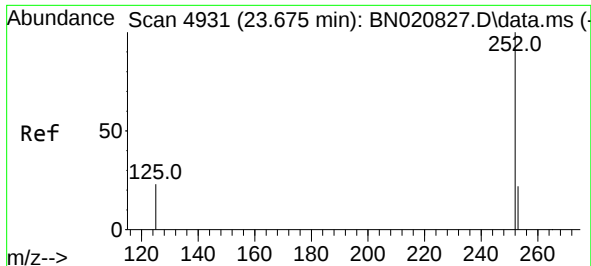
Tgt Ion:252 Resp: 8454
Ion Ratio Lower Upper
252 100
253 26.6 0.0 48.6
125 22.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.230 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. 0.007 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:252 Resp: 8815
Ion Ratio Lower Upper
252 100
253 27.2 19.7 29.5
125 16.3 12.0 18.0

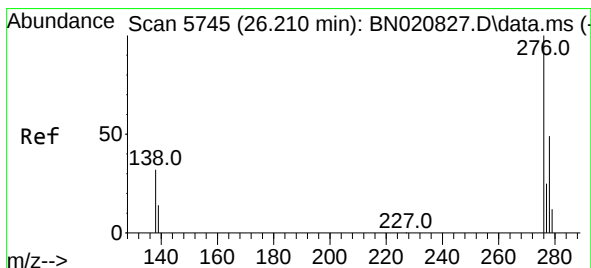
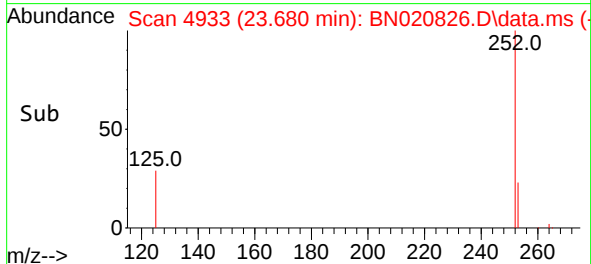
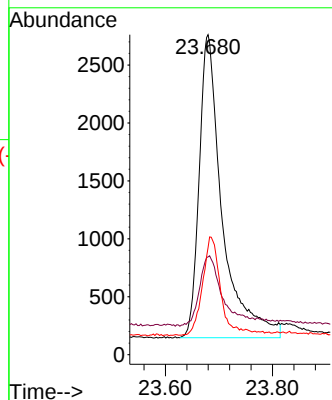
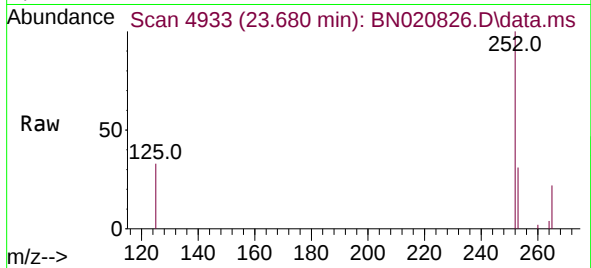




#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.680 min Scan# 4931
Delta R.T. 0.004 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

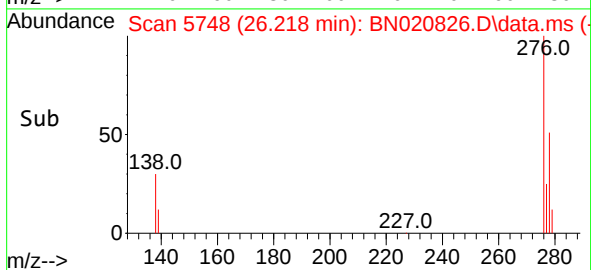
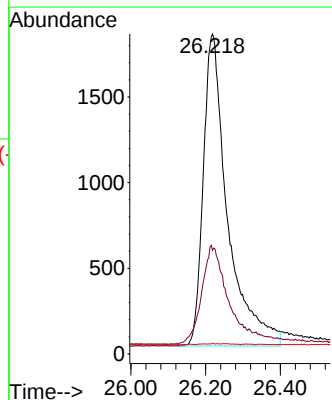
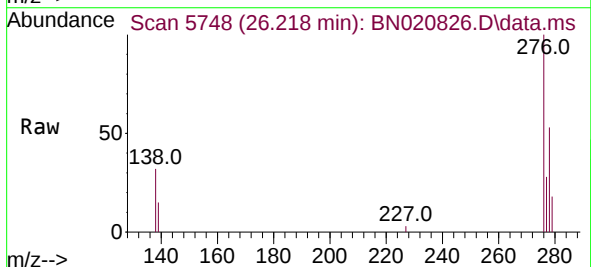
Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

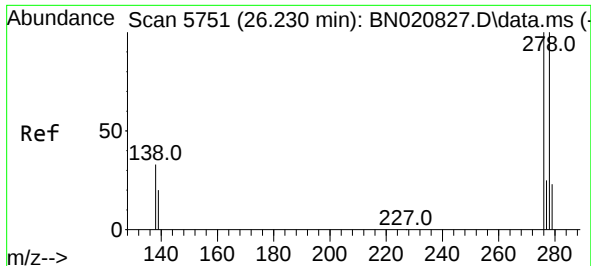
Tgt Ion:252 Resp: 7804
Ion Ratio Lower Upper
252 100
253 30.6 21.0 31.4
125 33.4 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.218 min Scan# 5748
Delta R.T. 0.009 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:276 Resp: 8221
Ion Ratio Lower Upper
276 100
138 35.4 27.4 41.2
227 0.1 0.2 0.2#

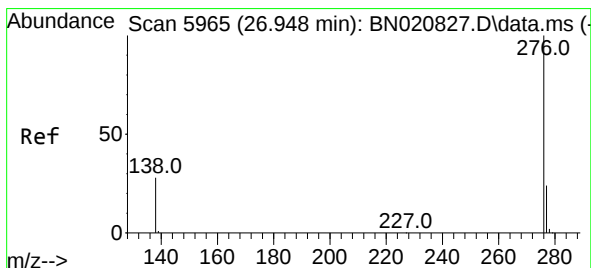
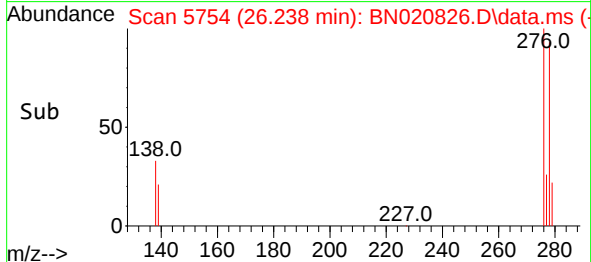
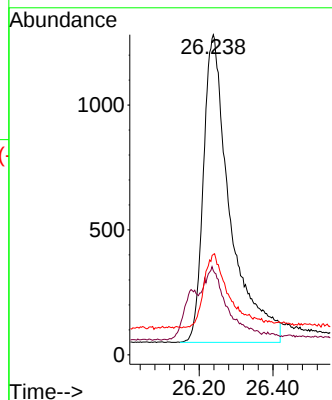
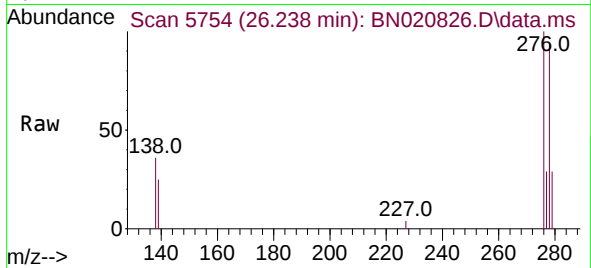




#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 26.238 min Scan# 51
Delta R.T. 0.009 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.2217

Tgt Ion:278 Resp: 6164
Ion Ratio Lower Upper
278 100
139 26.3 18.8 28.2
279 31.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.253 ng/ul
RT: 26.953 min Scan# 5967
Delta R.T. 0.005 min
Lab File: BN020826.D
Acq: 25 Jul 2022 14:57

Tgt Ion:276 Resp: 7457
Ion Ratio Lower Upper
276 100
138 30.9 23.5 35.3
277 26.2 20.1 30.1

