

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021026.D
 Acq On : 05 Aug 2022 14:39
 Operator : CG/JU
 Sample : N4026-04MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 06 00:28:05 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

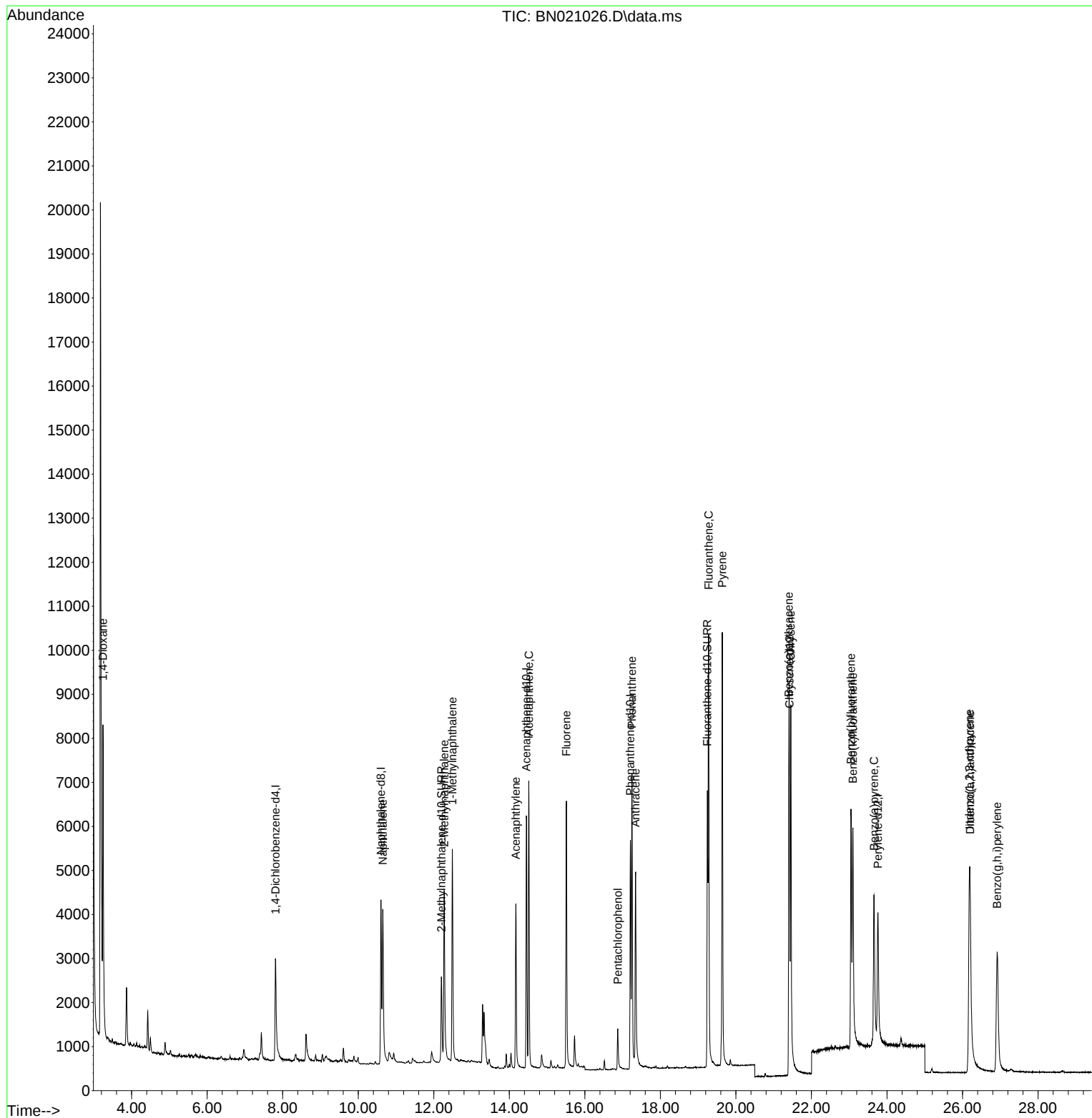
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	1872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	6163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	3483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	6814	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	5665	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	4780	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.202	152	3079	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	7635	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	4587	1.859	ng/ul#	84
5) Naphthalene	10.651	128	5953	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.279	142	3483	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.494	142	3851	0.335	ng/ul	99
10) Acenaphthylene	14.174	152	4969	0.305	ng/ul	100
11) Acenaphthene	14.517	153	4029	0.299	ng/ul	100
12) Fluorene	15.511	166	4503	0.306	ng/ul	98
14) Pentachlorophenol	16.872	266	808	0.769	ng/ul	100
15) Phenanthrene	17.248	178	7786	0.319	ng/ul	100
16) Anthracene	17.345	178	6162	0.326	ng/ul	99
19) Fluoranthene	19.277	202	9316	0.372	ng/ul	100
20) Pyrene	19.640	202	9568	0.370	ng/ul	99
21) Benzo(a)anthracene	21.401	228	6747	0.365	ng/ul	98
22) Chrysene	21.453	228	8596	0.353	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	7646	0.346	ng/ul	98
25) Benzo(k)fluoranthene	23.099	252	8045	0.345	ng/ul	98
26) Benzo(a)pyrene	23.657	252	6816	0.338	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.182	276	7604	0.315	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.199	278	6066	0.319	ng/ul	98
29) Benzo(g,h,i)perylene	26.917	276	6972	0.324	ng/ul	98

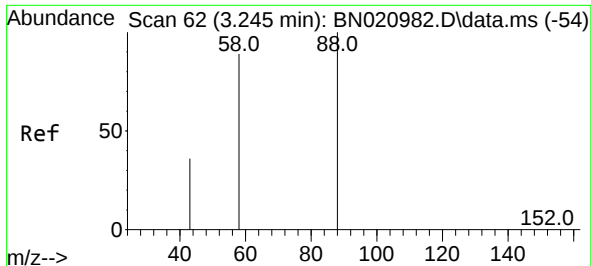
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
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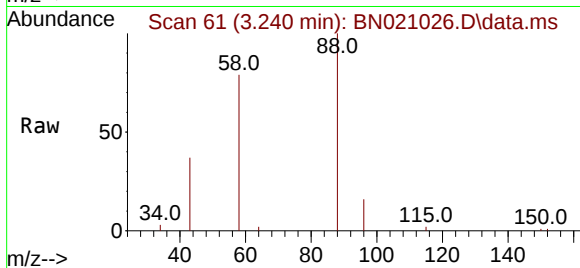
Quant Time: Aug 06 00:28:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



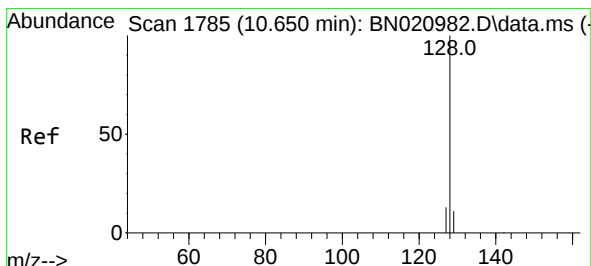
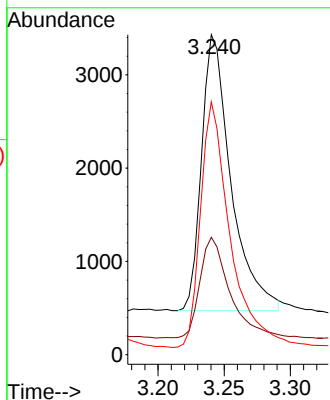
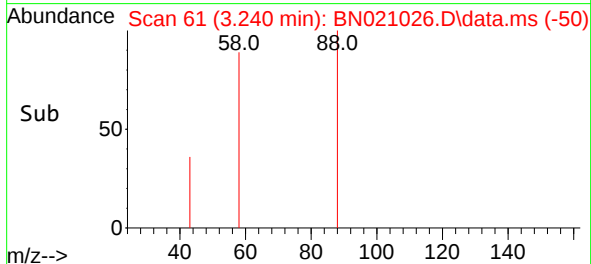


#2
 1,4-Dioxane
 Concen: 1.859 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :
 BNA_N
 ClientSampleId :

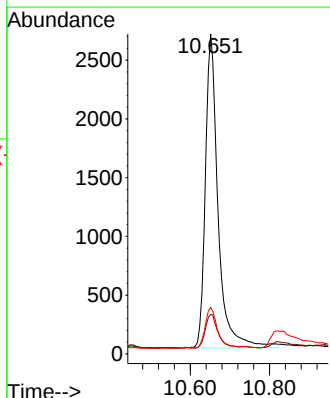
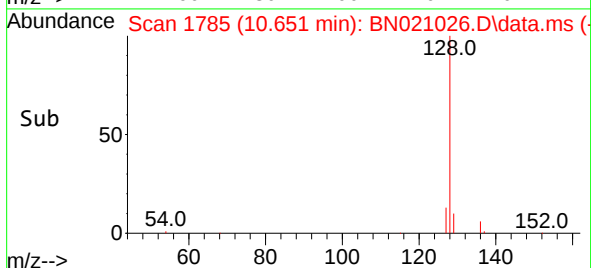
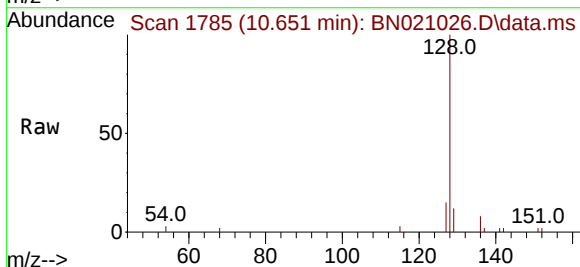


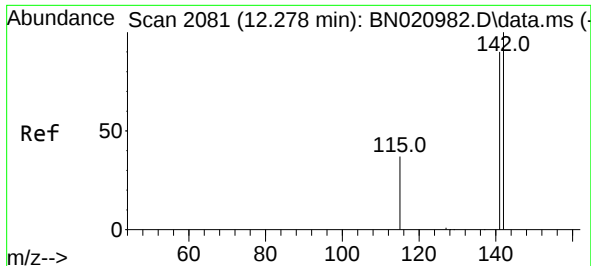
Tgt Ion: 88 Resp: 4587
 Ion Ratio Lower Upper
 88 100
 43 36.7 31.4 47.0
 58 79.0 49.0 73.6#



#5
 Naphthalene
 Concen: 0.314 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Tgt Ion: 128 Resp: 5953
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.8 14.6
 127 14.5 11.6 17.4

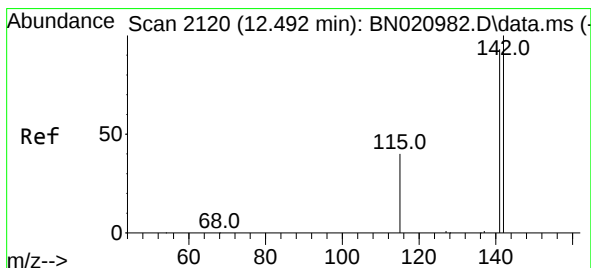
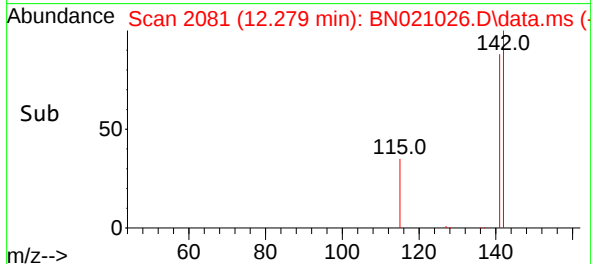
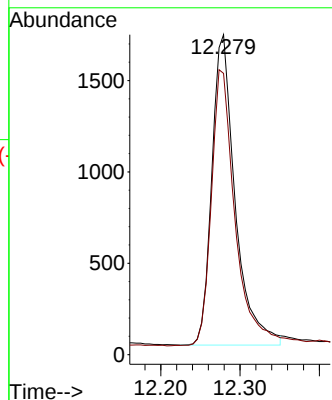
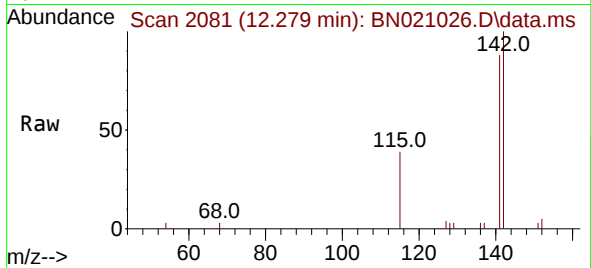




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

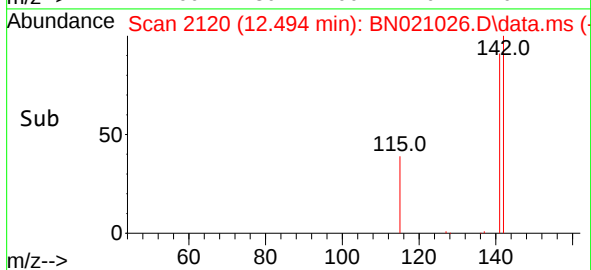
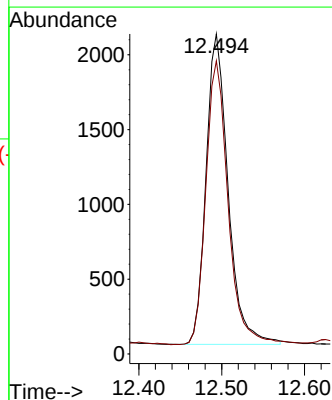
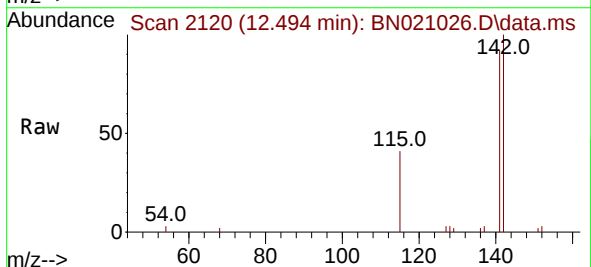
Instrument :
BNA_N
ClientSampleId :

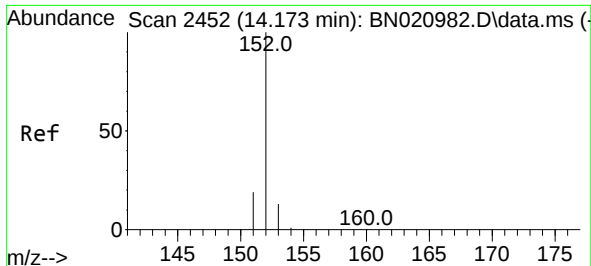
Tgt Ion:142 Resp: 3483
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Tgt Ion:142 Resp: 3851
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

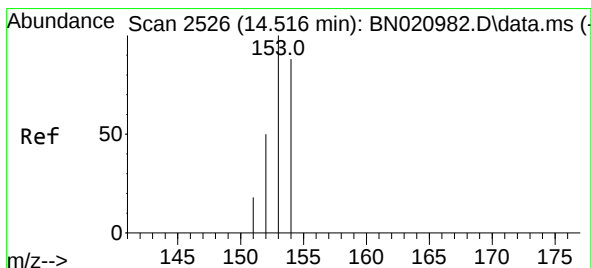
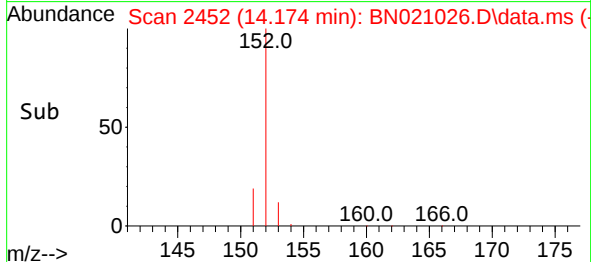
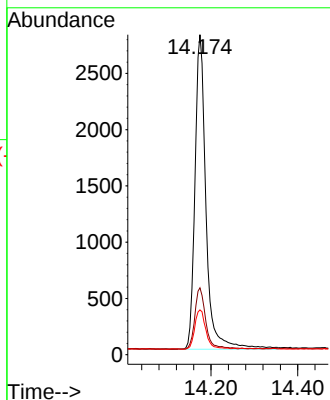
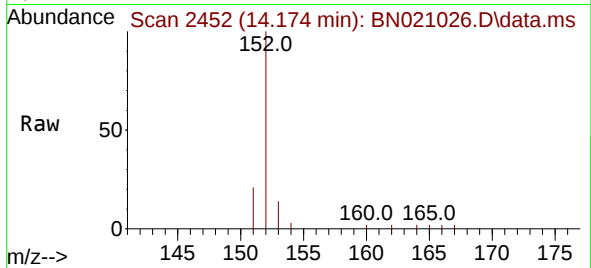




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

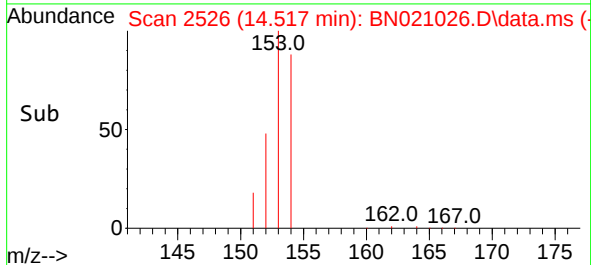
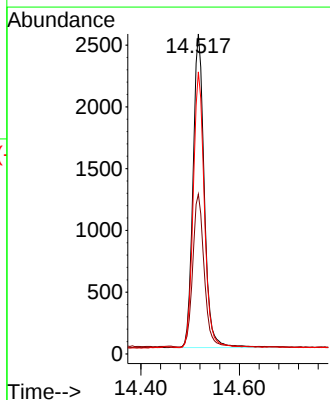
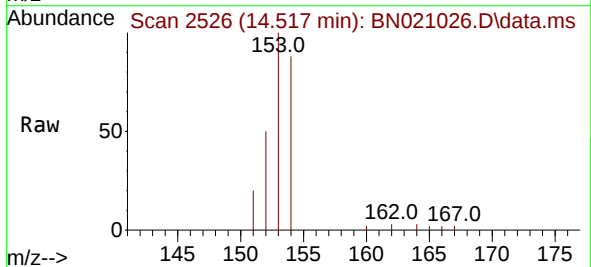
Instrument :
BNA_N
ClientSampleId :

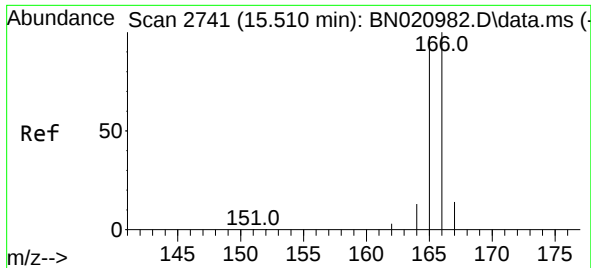
Tgt Ion:152 Resp: 4969
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

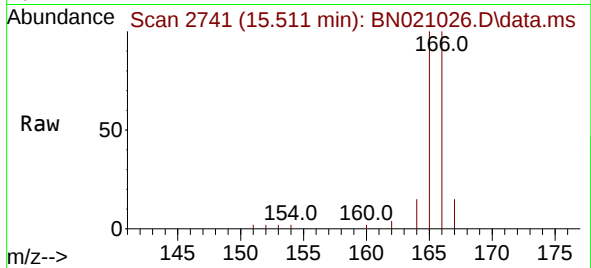
Tgt Ion:153 Resp: 4029
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 88.1 70.7 106.1



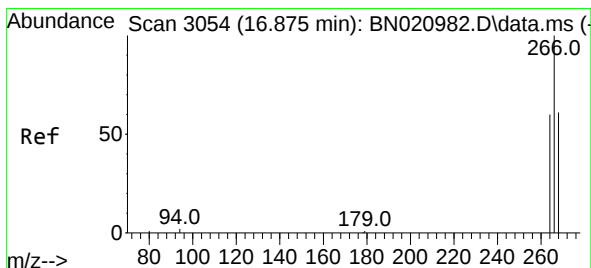
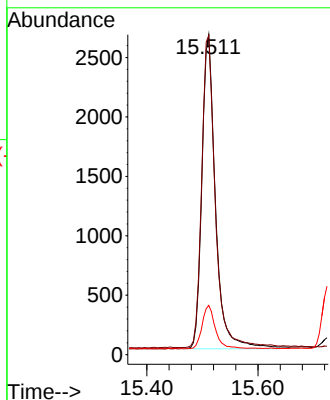
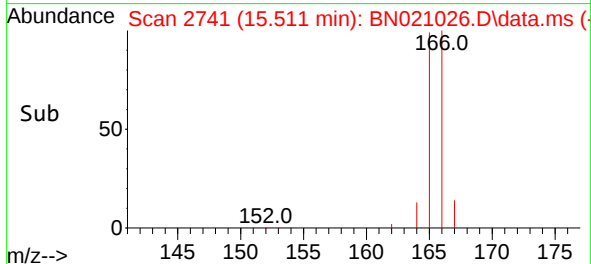


#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

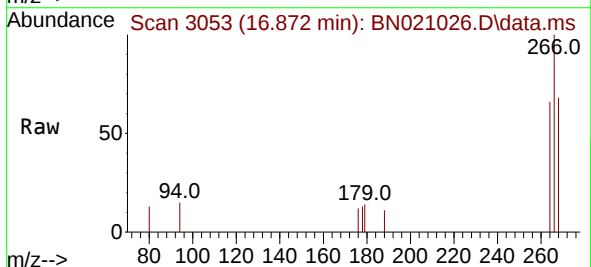
Instrument :
BNA_N
ClientSampleId :



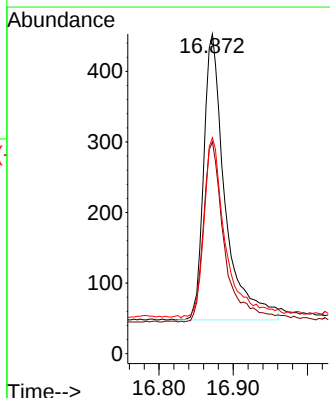
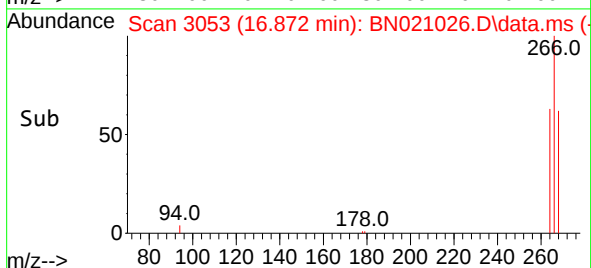
Tgt Ion:166 Resp: 4503
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 15.4 11.8 17.6

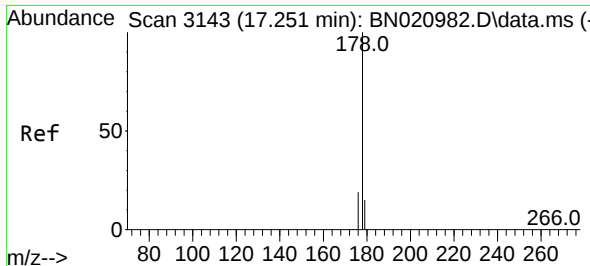


#14
Pentachlorophenol
Concen: 0.769 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39



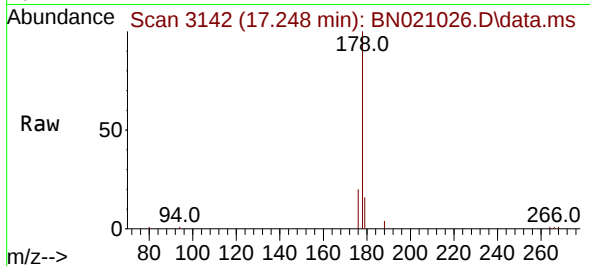
Tgt Ion:266 Resp: 808
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.8
268 63.5 50.6 75.8



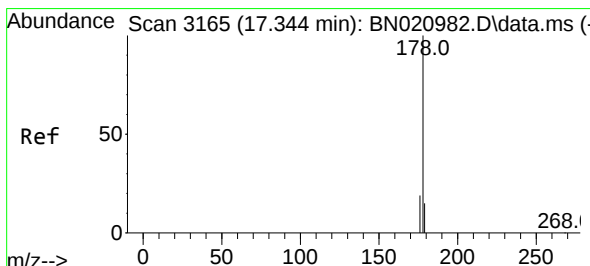
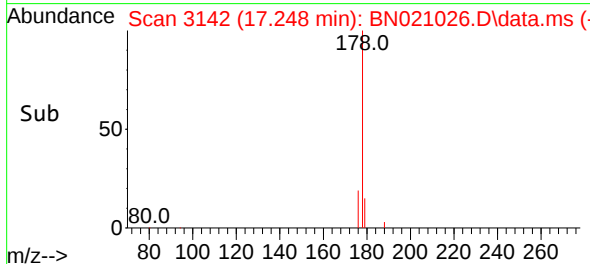
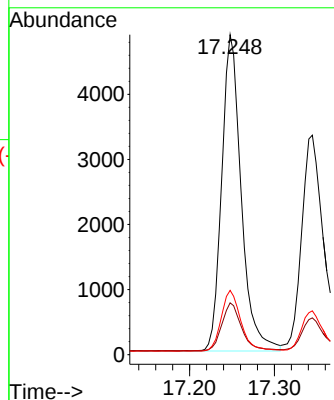


#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :

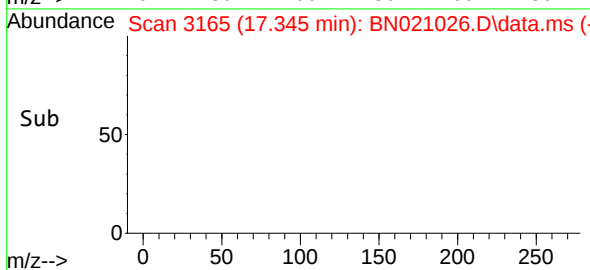
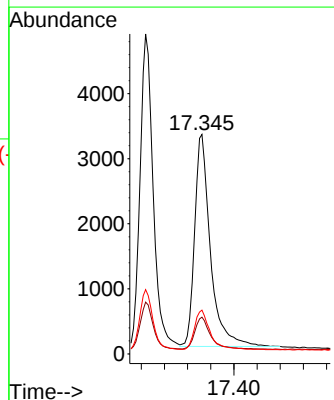
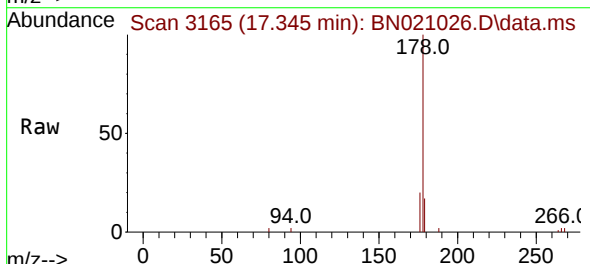


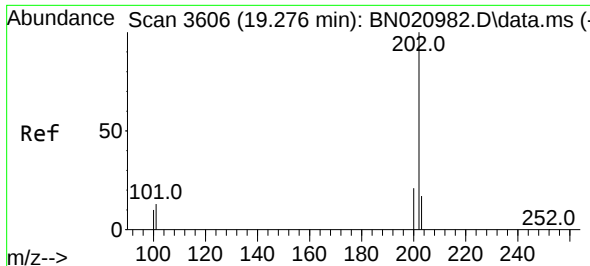
Tgt Ion:178 Resp: 7786
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.1 15.9 23.9



#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

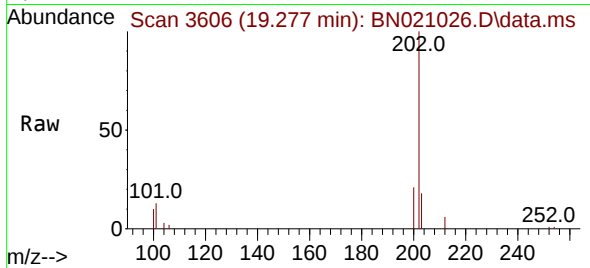
Tgt Ion:178 Resp: 6162
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.0 15.9 23.9



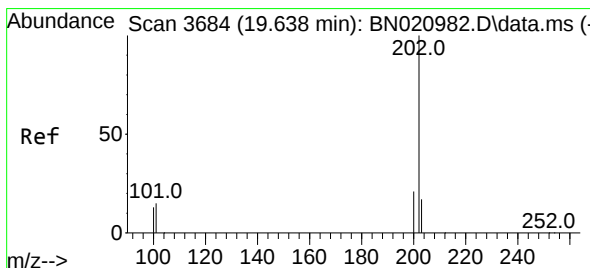
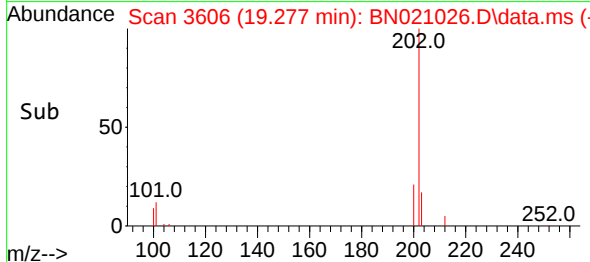
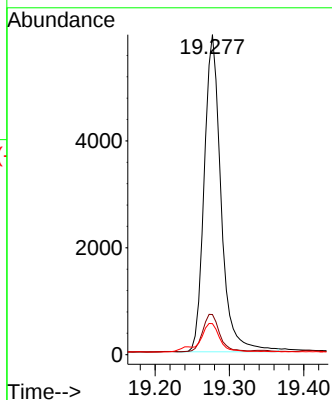


#19
Fluoranthene
Concen: 0.372 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :

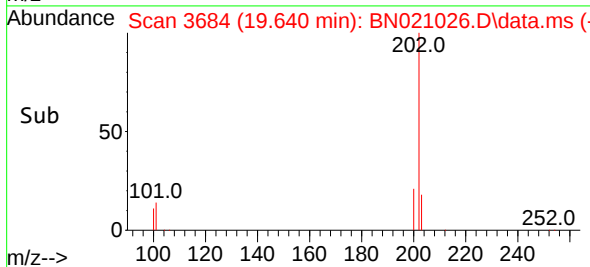
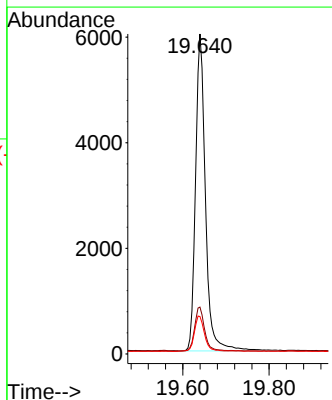
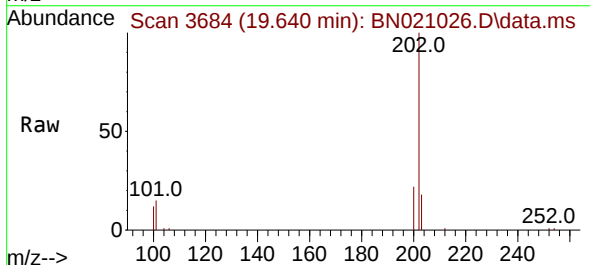


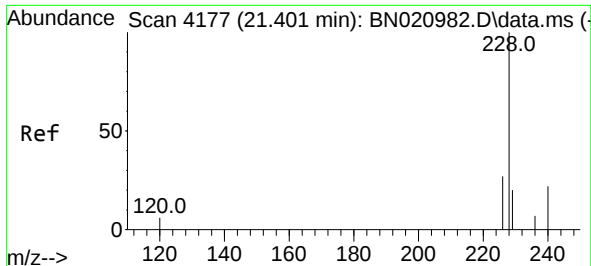
Tgt Ion:202 Resp: 9316
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.370 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

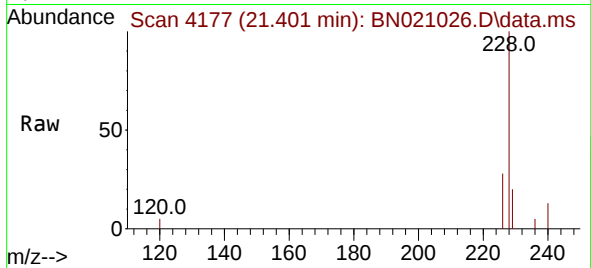
Tgt Ion:202 Resp: 9568
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.7 9.0 13.4



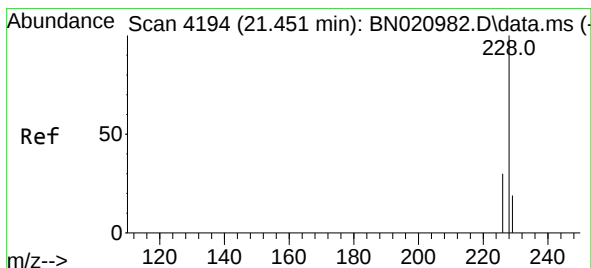
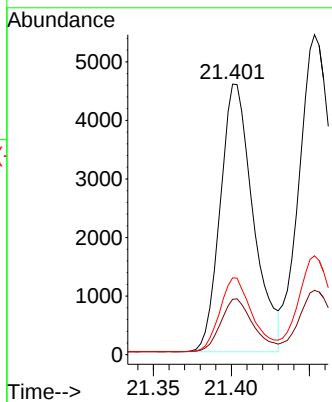
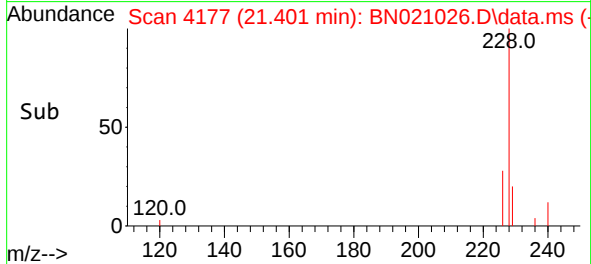


#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :

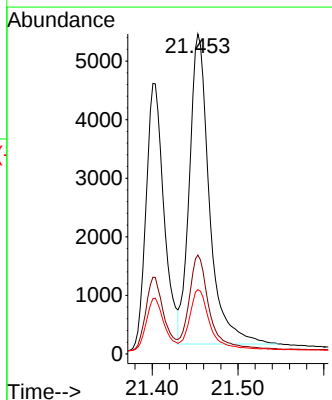
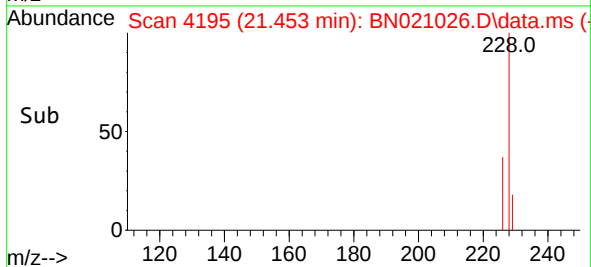
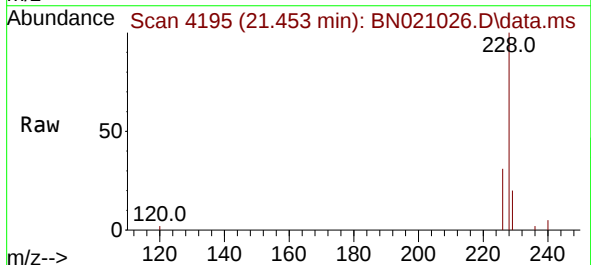


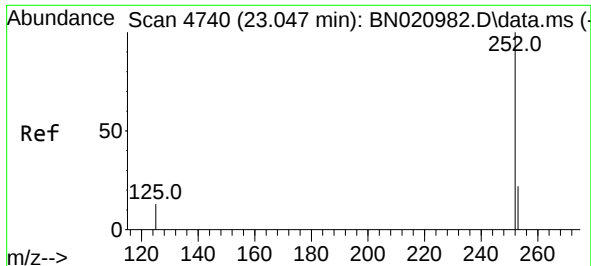
Tgt Ion:228 Resp: 6747
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.4 21.9 32.9



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

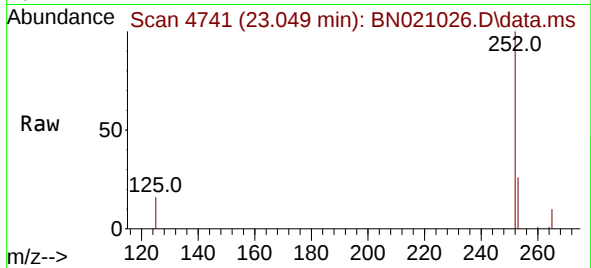
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Ion Ratio Lower Upper
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226 30.9 24.6 37.0
229 20.1 15.8 23.8



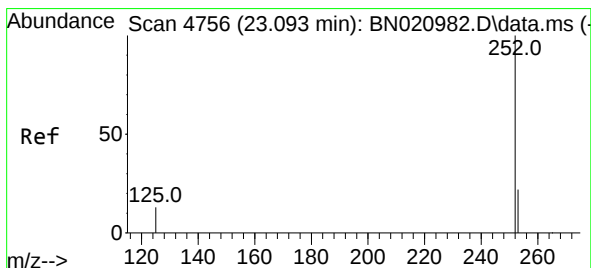
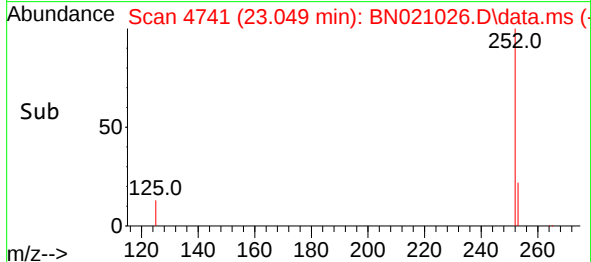
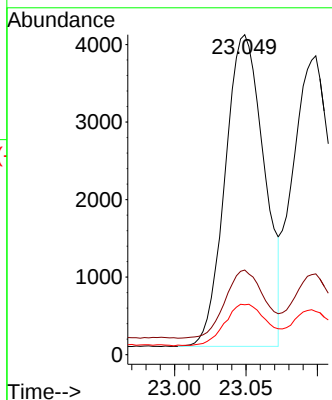


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :

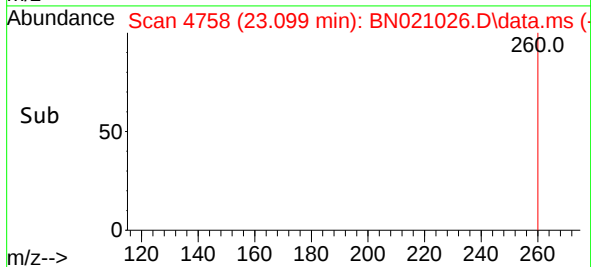
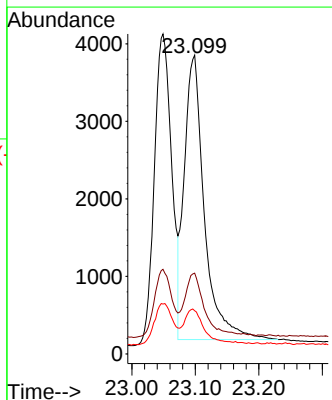
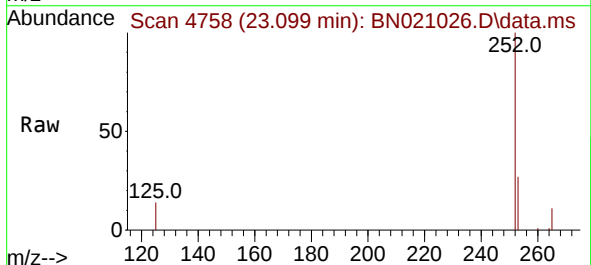


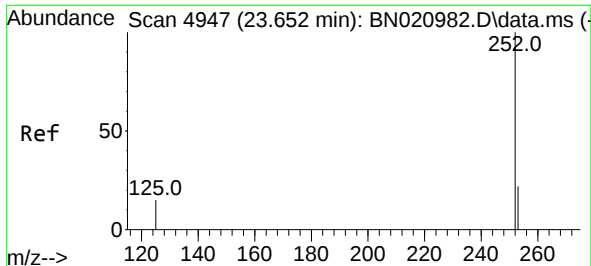
Tgt Ion:252 Resp: 7646
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.8
125 15.6 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

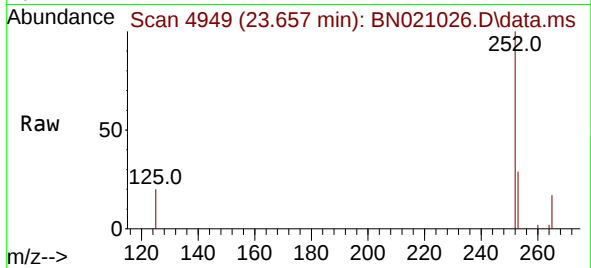
Tgt Ion:252 Resp: 8045
Ion Ratio Lower Upper
252 100
253 27.1 20.6 31.0
125 14.5 11.8 17.6



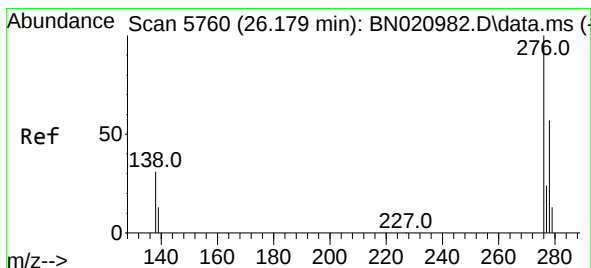
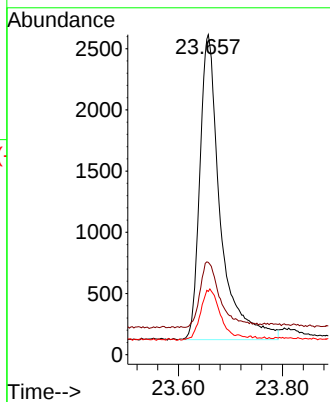
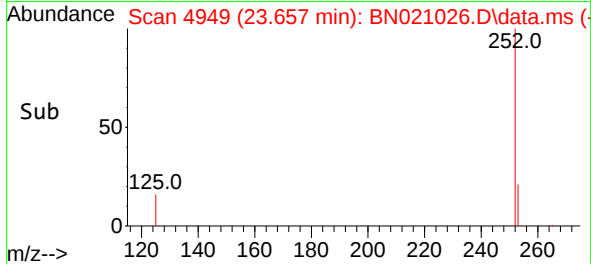


#26
Benzo(a)pyrene
Concen: 0.338 ng/ul
RT: 23.657 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :

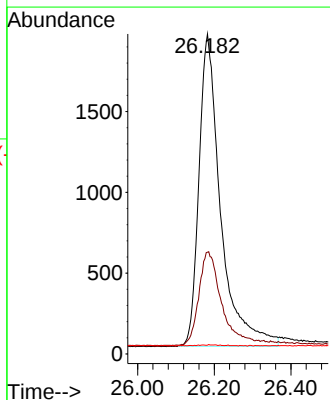
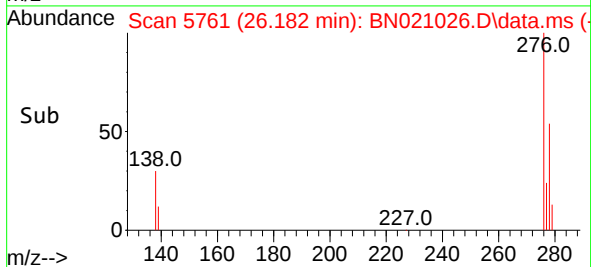
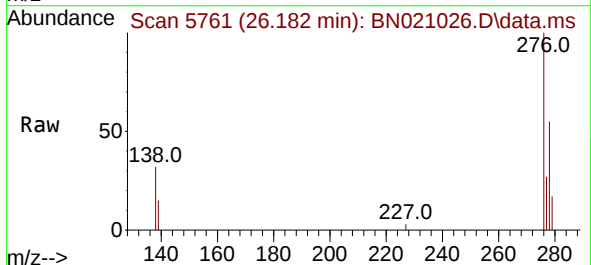


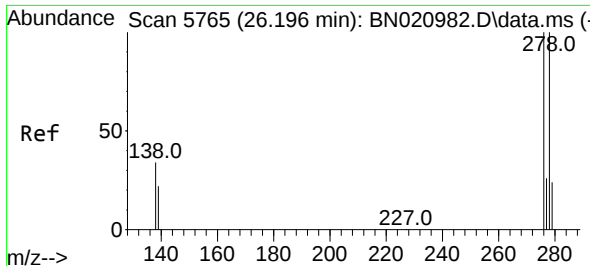
Tgt Ion:252 Resp: 6816
Ion Ratio Lower Upper
252 100
253 28.9 22.1 33.1
125 19.8 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.182 min Scan# 5761
Delta R.T. -0.003 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

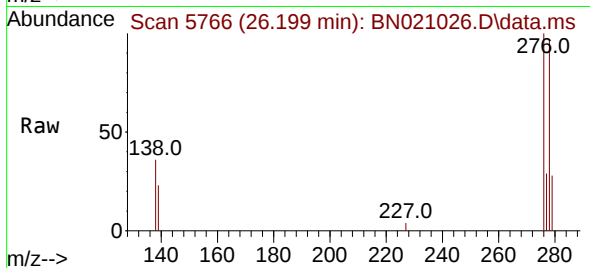
Tgt Ion:276 Resp: 7604
Ion Ratio Lower Upper
276 100
138 31.7 26.1 39.1
227 0.2 0.1 0.1#



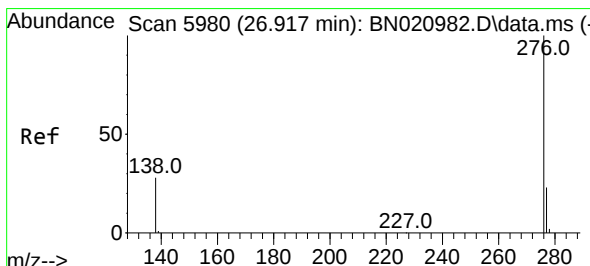
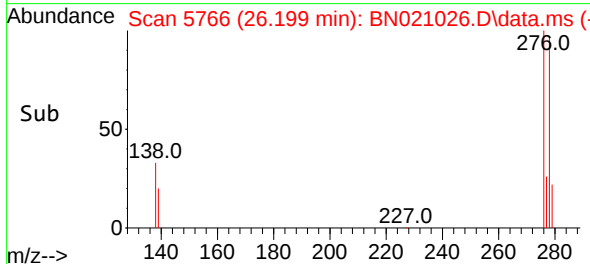
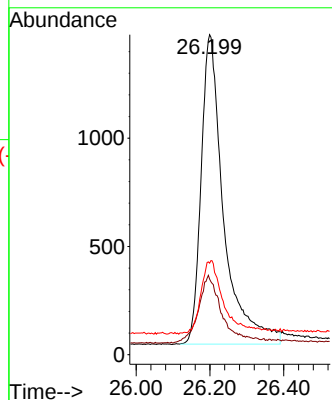


#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 6066
Ion Ratio Lower Upper
278 100
139 23.6 18.3 27.5
279 28.6 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021026.D
Acq: 05 Aug 2022 14:39

Tgt Ion:276 Resp: 6972
Ion Ratio Lower Upper
276 100
138 29.5 22.6 34.0
277 26.3 20.2 30.2

