

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021037.D
 Acq On : 05 Aug 2022 21:34
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 06 00:28:57 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

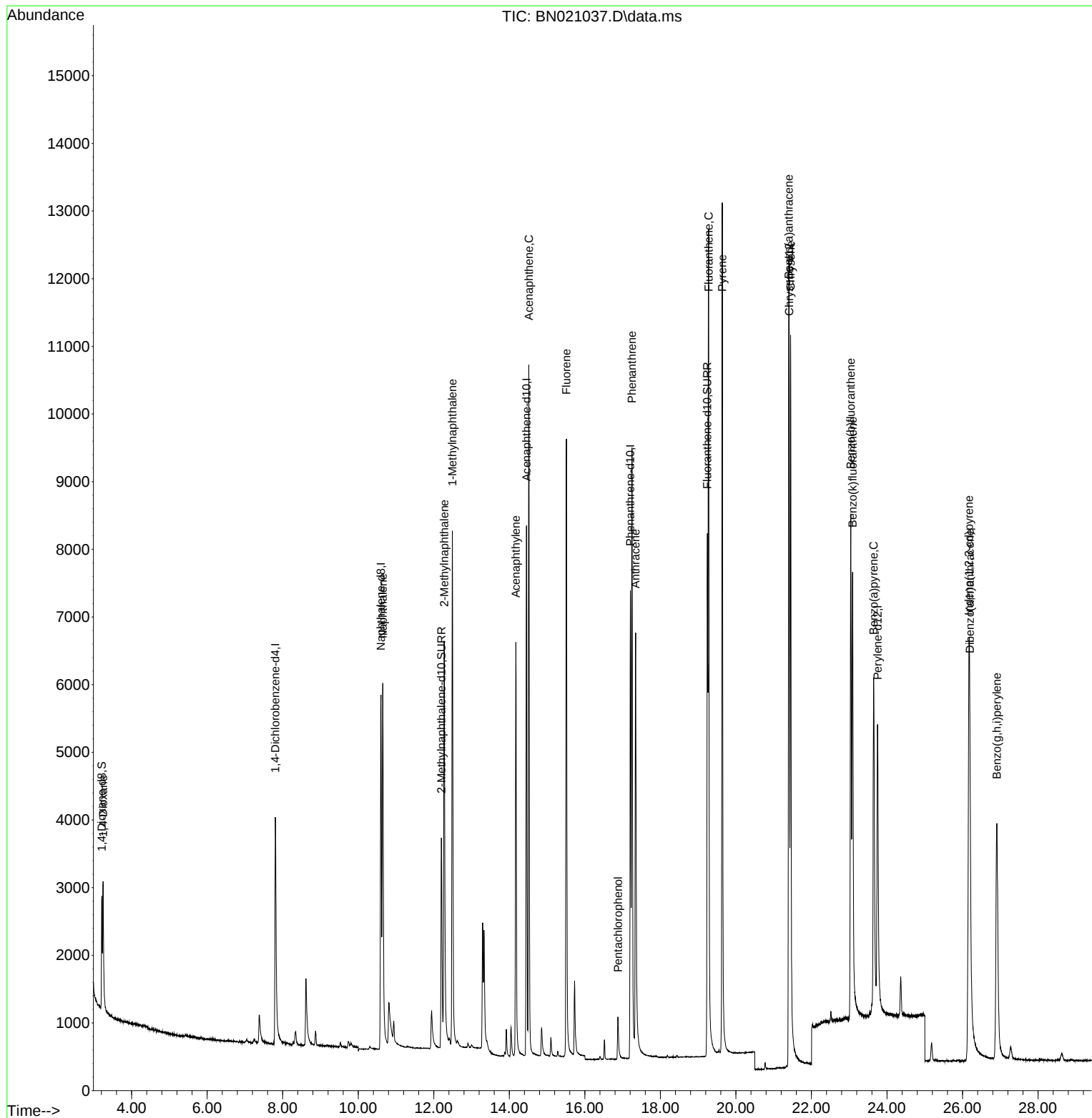
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	2572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	8392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4747	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	9142	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	7694	0.400	ng/ul	0.00
23) Perylene-d12	23.751	264	6780	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1241	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	5008	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	9810	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.245	88	1233	0.364	ng/ul	94
5) Naphthalene	10.651	128	8947	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	5476	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	6094	0.390	ng/ul	99
10) Acenaphthylene	14.174	152	8020	0.361	ng/ul	99
11) Acenaphthene	14.517	153	6291	0.343	ng/ul	99
12) Fluorene	15.511	166	6862	0.342	ng/ul	99
14) Pentachlorophenol	16.876	266	593	0.421	ng/ul	98
15) Phenanthrene	17.248	178	10821	0.331	ng/ul	100
16) Anthracene	17.345	178	9070	0.358	ng/ul	99
19) Fluoranthene	19.277	202	11833	0.347	ng/ul	99
20) Pyrene	19.640	202	12326	0.351	ng/ul	100
21) Benzo(a)anthracene	21.398	228	9028	0.360	ng/ul	100
22) Chrysene	21.448	228	10900	0.330	ng/ul	99
24) Benzo(b)fluoranthene	23.040	252	10150	0.323	ng/ul	98
25) Benzo(k)fluoranthene	23.090	252	10272	0.310	ng/ul	99
26) Benzo(a)pyrene	23.646	252	9462	0.330	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.169	276	9999	0.292	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.192	278	7916	0.293	ng/ul	97
29) Benzo(g,h,i)perylene	26.910	276	8719	0.286	ng/ul	99

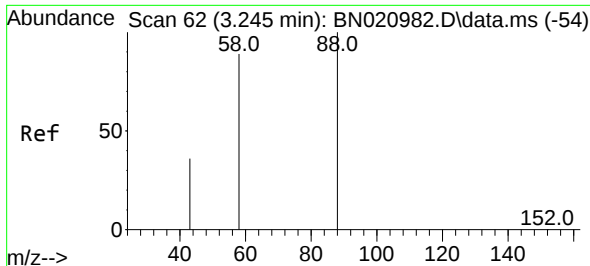
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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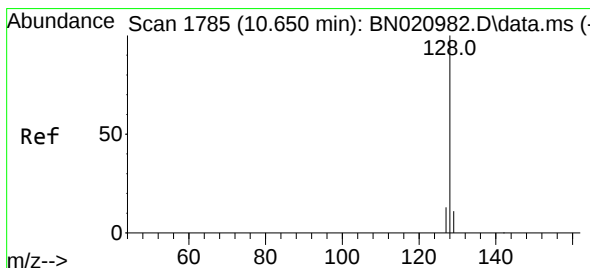
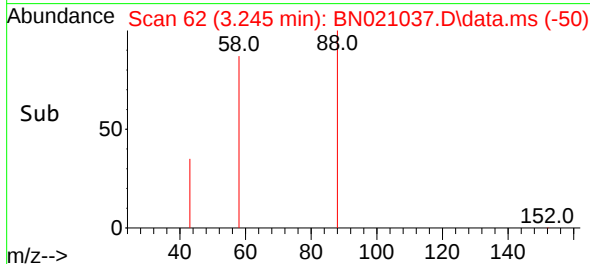
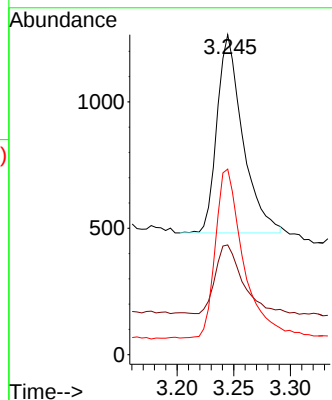
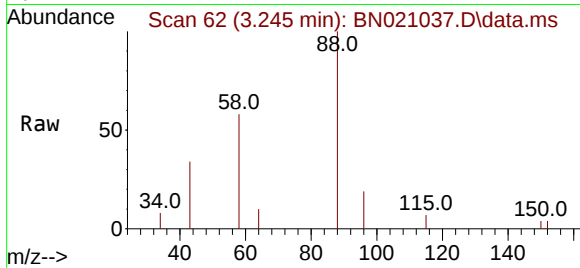




#2
 1,4-Dioxane
 Concen: 0.364 ng/ul
 RT: 3.245 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN021037.D
 Acq: 05 Aug 2022 21:34

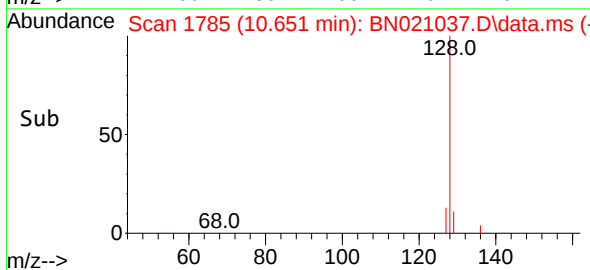
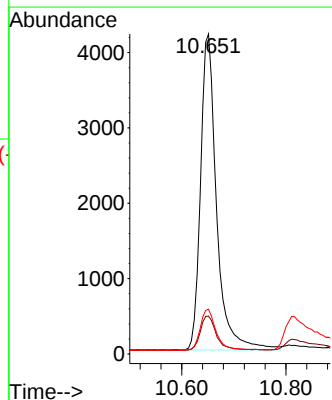
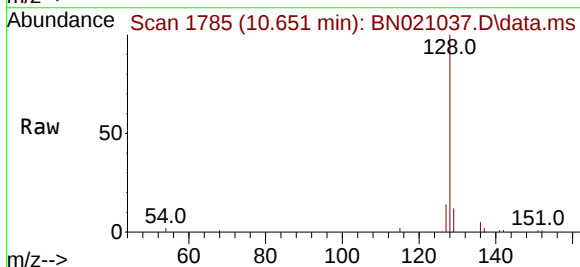
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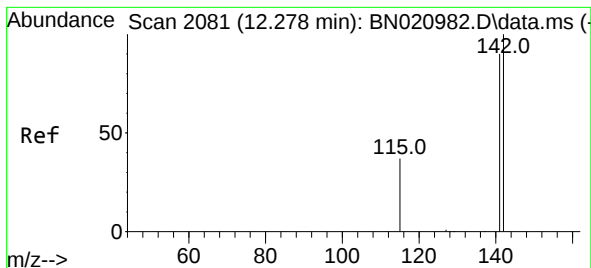
Tgt Ion: 88 Resp: 1233
 Ion Ratio Lower Upper
 88 100
 43 34.3 31.4 47.0
 58 58.0 49.0 73.6



#5
 Naphthalene
 Concen: 0.347 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN021037.D
 Acq: 05 Aug 2022 21:34

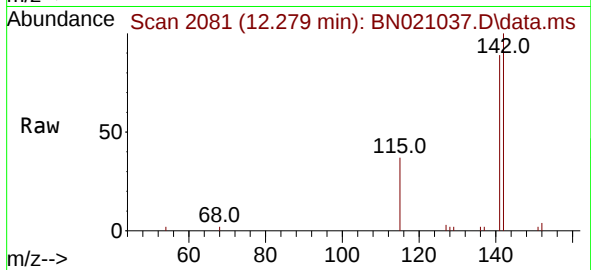
Tgt Ion: 128 Resp: 8947
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.8 14.6
 127 14.0 11.6 17.4



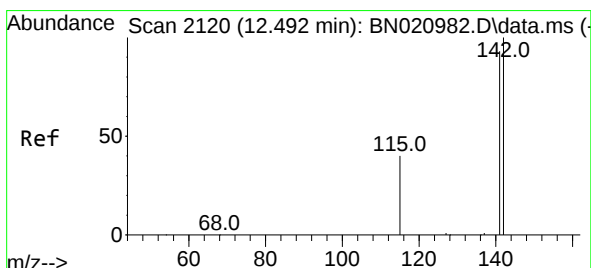
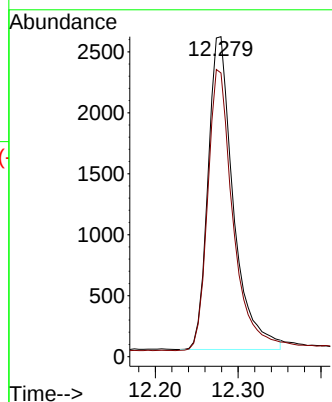
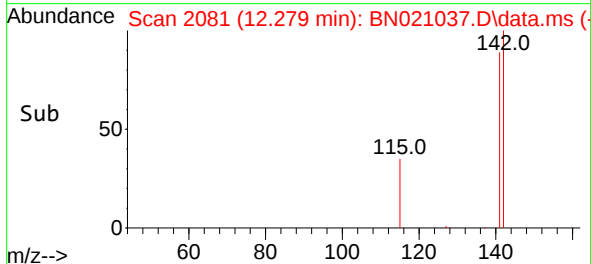


#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

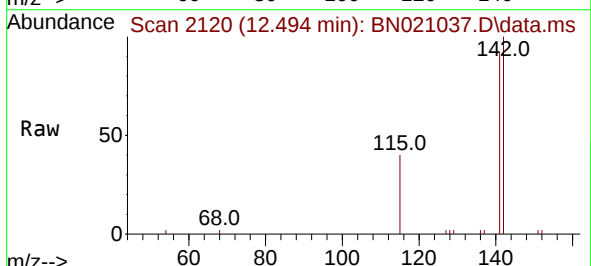
Instrument :
BNA_N
ClientSampleId :



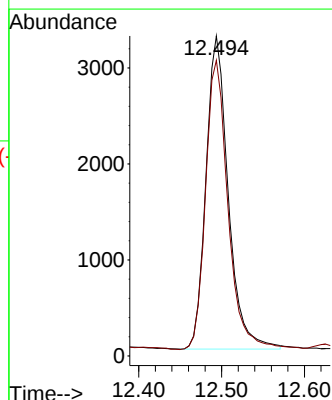
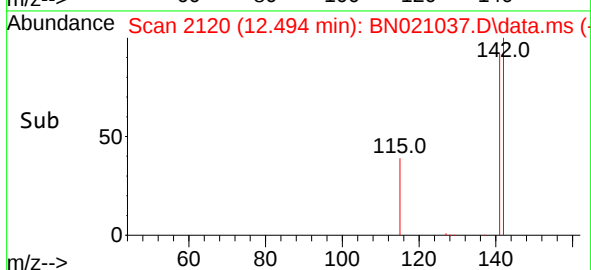
Tgt Ion:142 Resp: 5476
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2

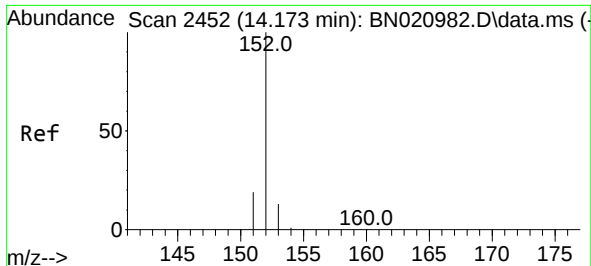


#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34



Tgt Ion:142 Resp: 6094
Ion Ratio Lower Upper
142 100
141 93.0 73.9 110.9

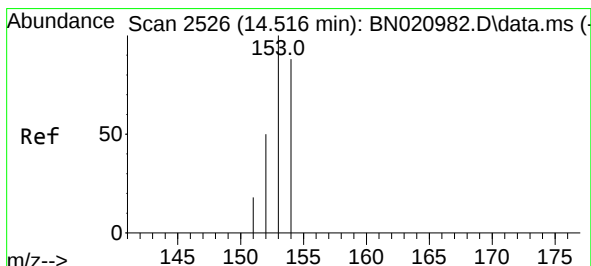
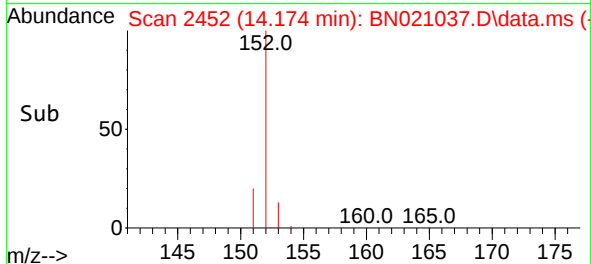
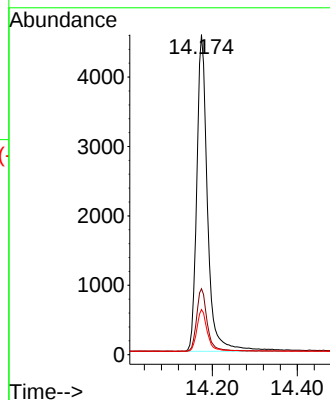
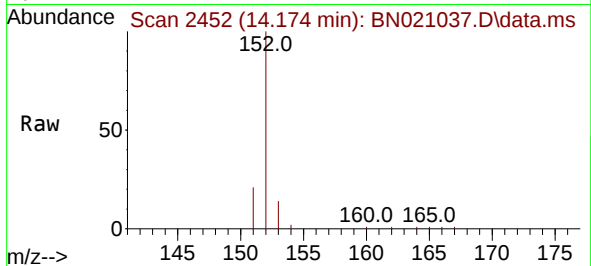




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

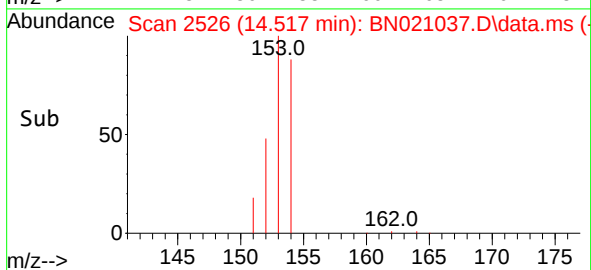
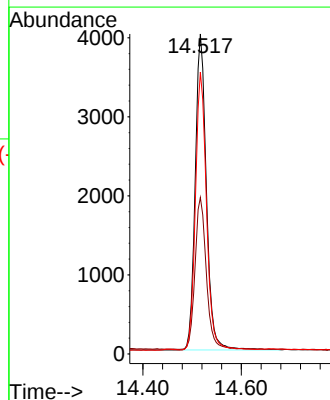
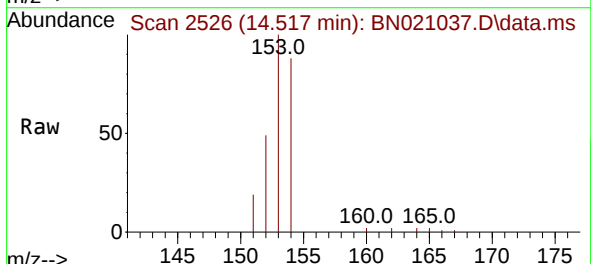
Instrument :
BNA_N
ClientSampleId :

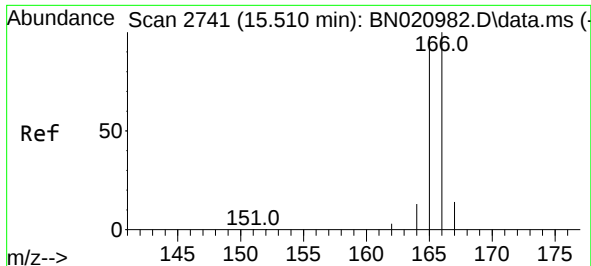
Tgt Ion:152 Resp: 8020
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

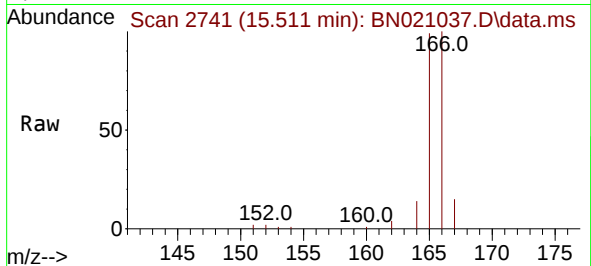
Tgt Ion:153 Resp: 6291
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.1 70.7 106.1



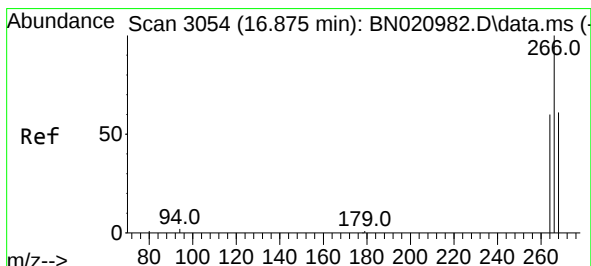
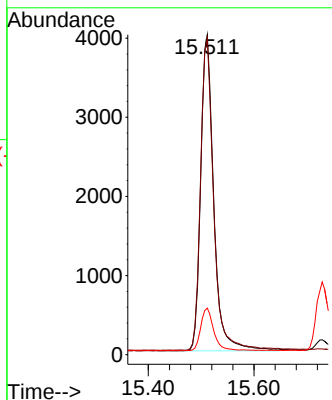
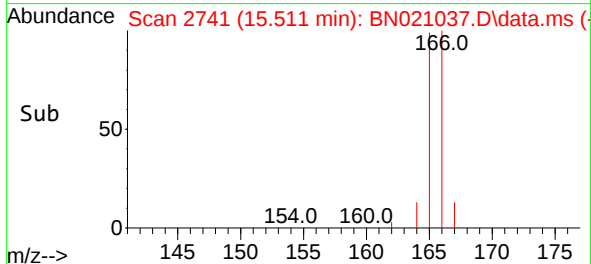


#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

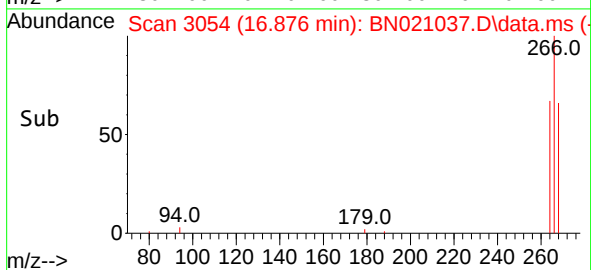
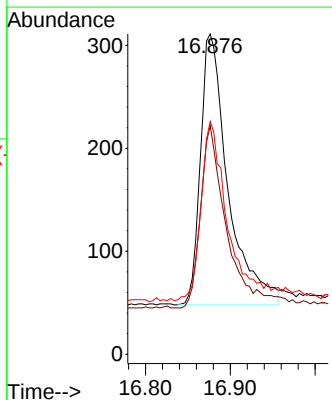
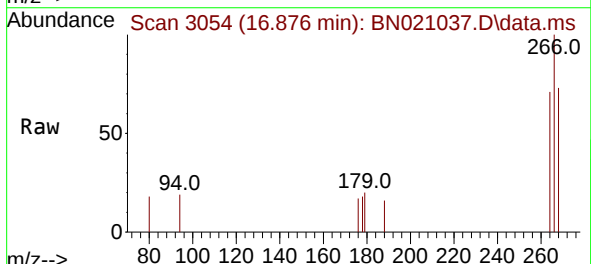


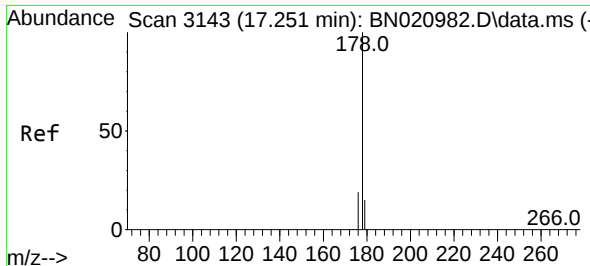
Tgt Ion:166 Resp: 6862
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

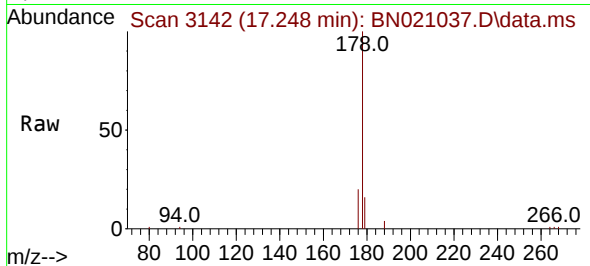
Tgt Ion:266 Resp: 593
Ion Ratio Lower Upper
266 100
264 63.6 49.8 74.8
268 64.8 50.6 75.8



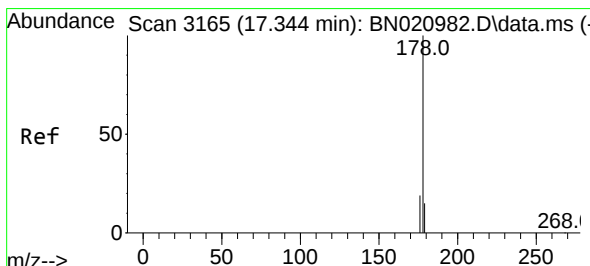
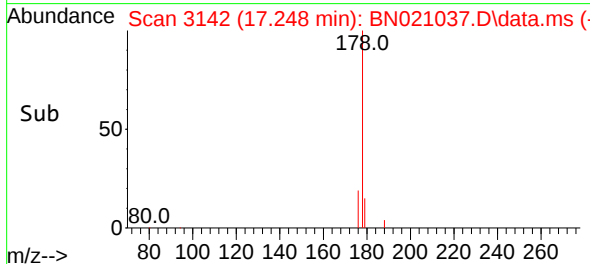
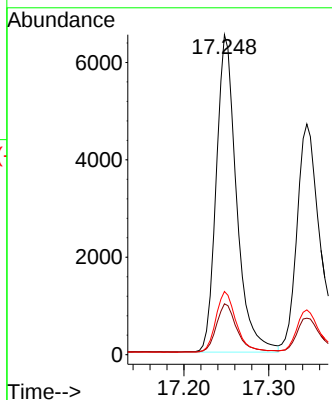


#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.248 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

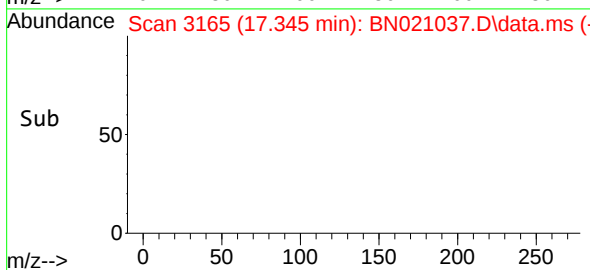
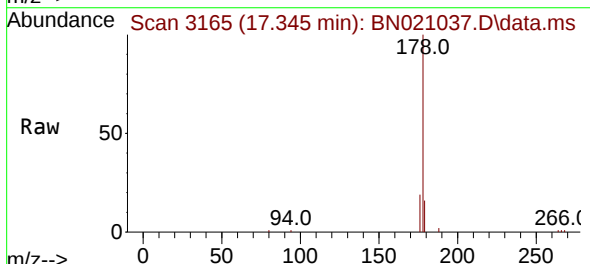
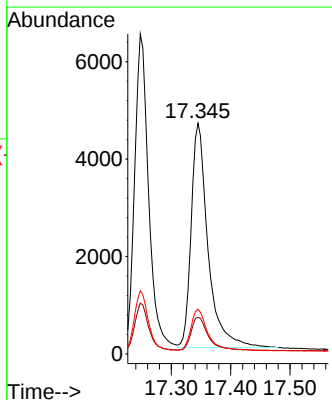


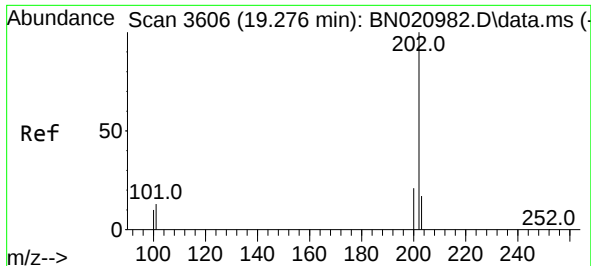
Tgt Ion:178 Resp: 10821
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

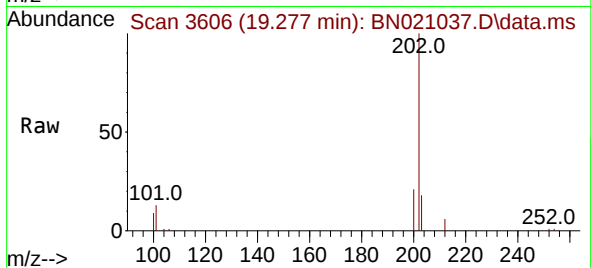
Tgt Ion:178 Resp: 9070
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.4 15.9 23.9



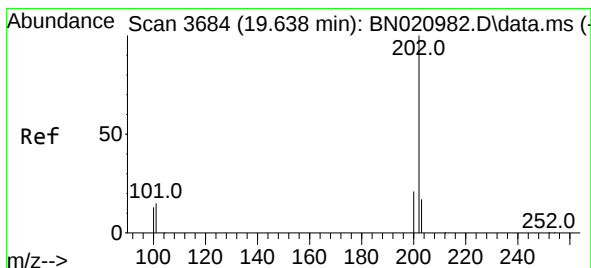
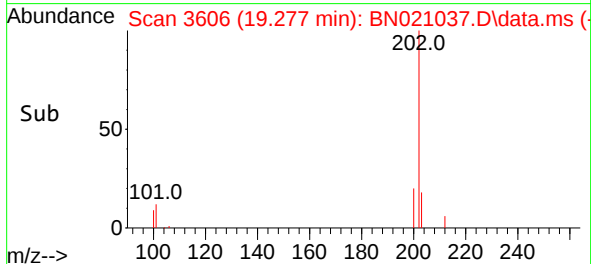
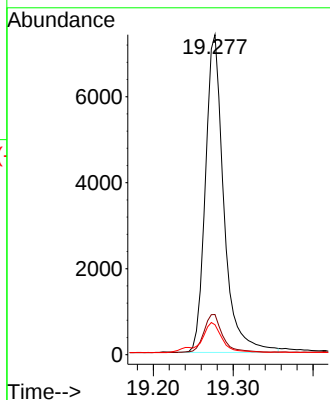


#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.277 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

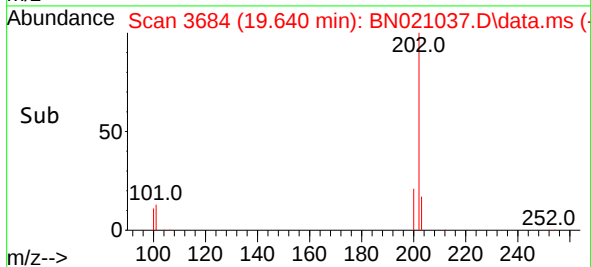
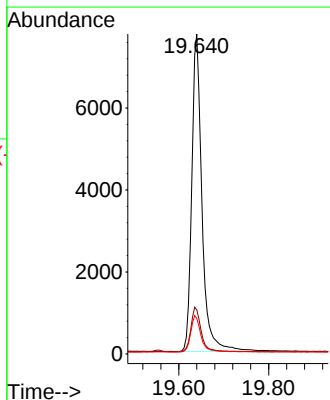
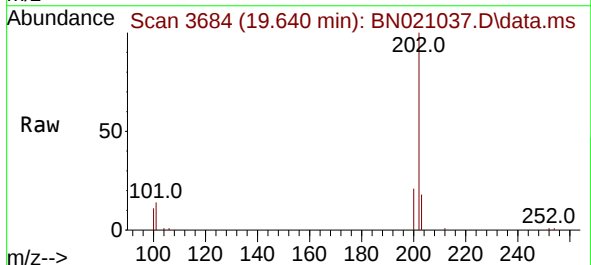


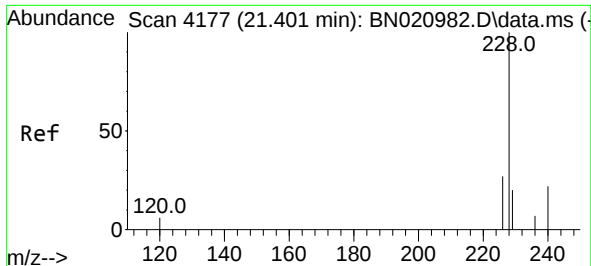
Tgt Ion:202 Resp: 11833
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.4 8.0 12.0



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

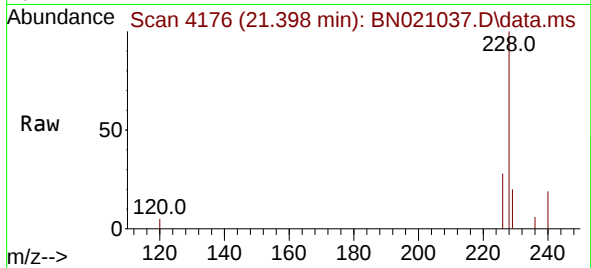
Tgt Ion:202 Resp: 12326
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.1 9.0 13.4



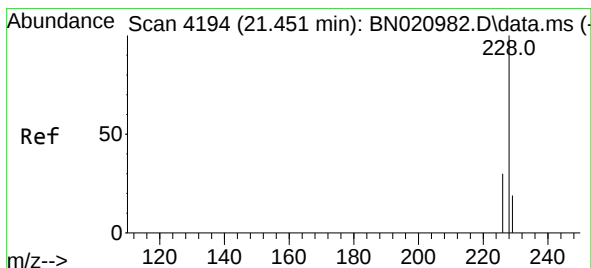
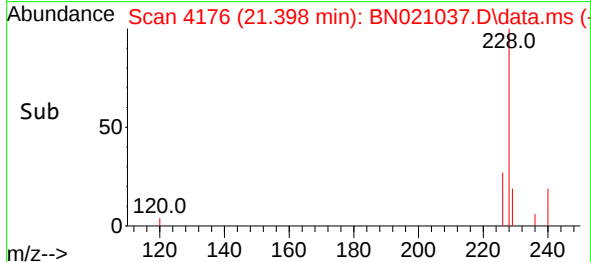
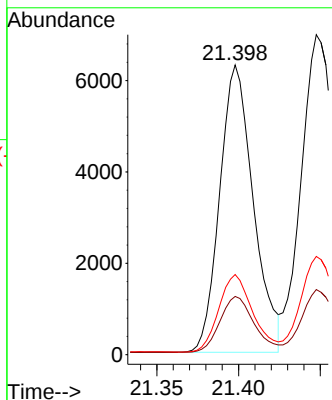


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.398 min Scan# 4177
Delta R.T. -0.009 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

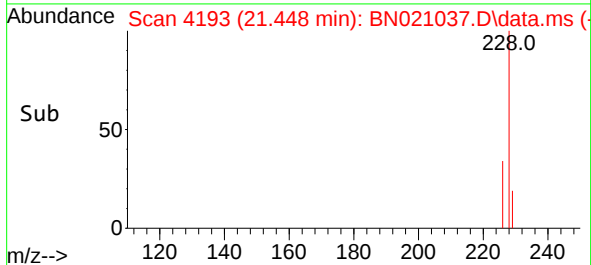
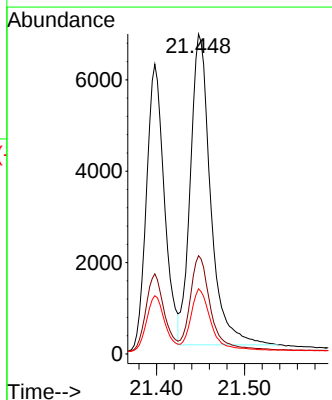
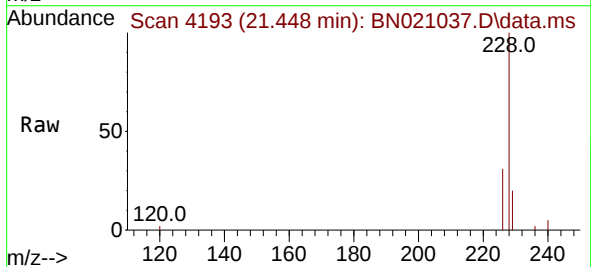


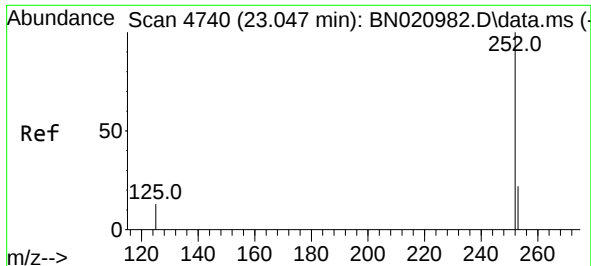
Tgt Ion:228 Resp: 9028
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.7 21.9 32.9



#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.448 min Scan# 4193
Delta R.T. -0.011 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

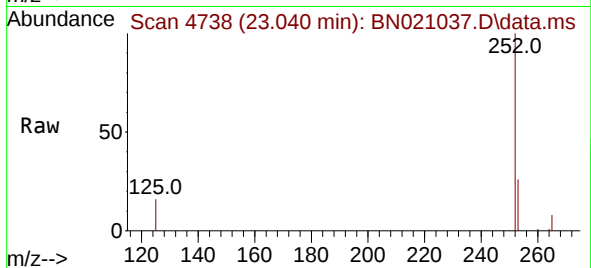
Tgt Ion:228 Resp: 10900
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.4 15.8 23.8



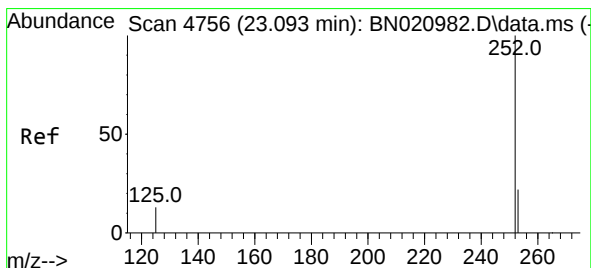
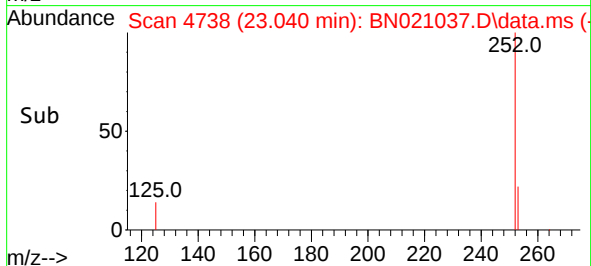
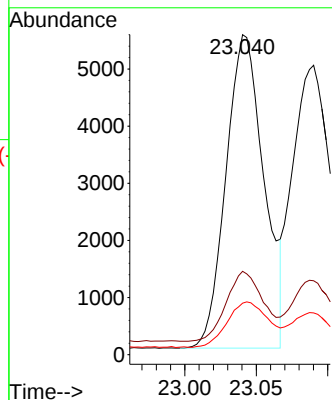


#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.040 min Scan# 4738
Delta R.T. -0.011 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

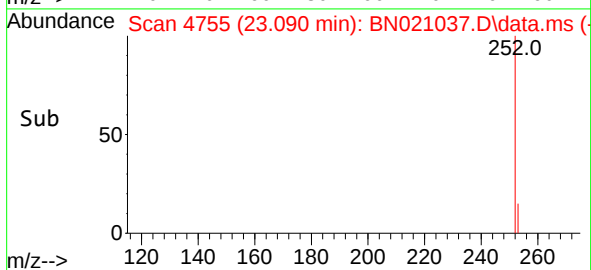
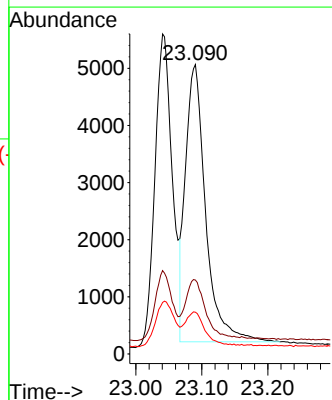
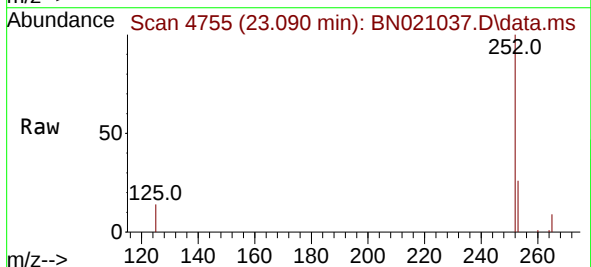


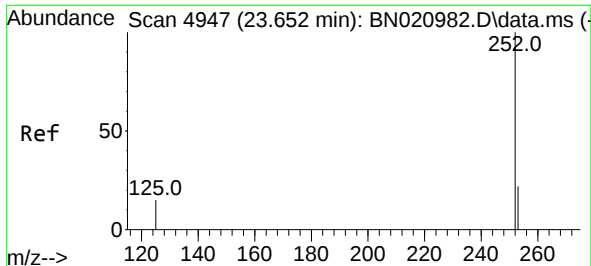
Tgt Ion:252 Resp: 10150
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.8
125 16.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

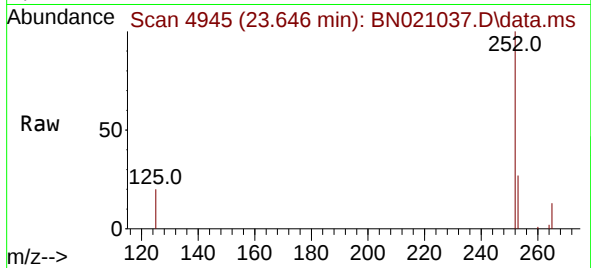
Tgt Ion:252 Resp: 10272
Ion Ratio Lower Upper
252 100
253 25.5 20.6 31.0
125 14.4 11.8 17.6



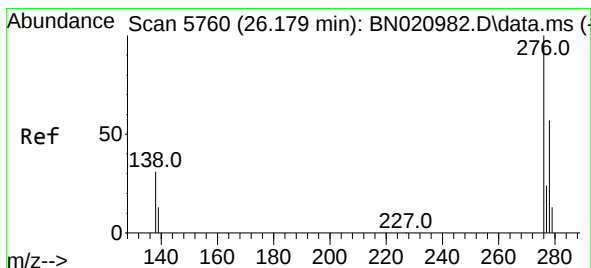
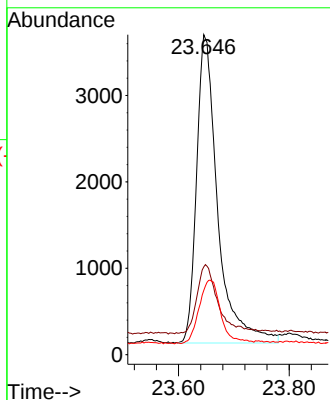
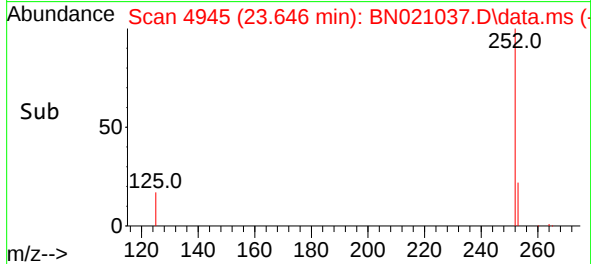


#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.646 min Scan# 4945
Delta R.T. -0.014 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :

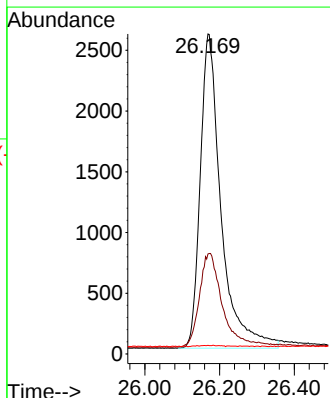
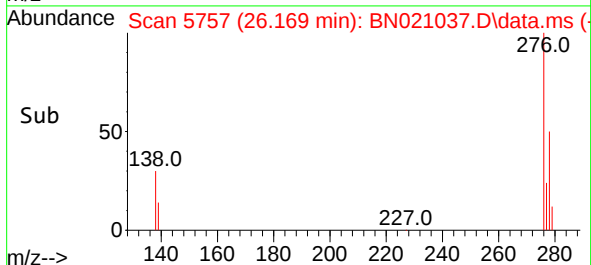
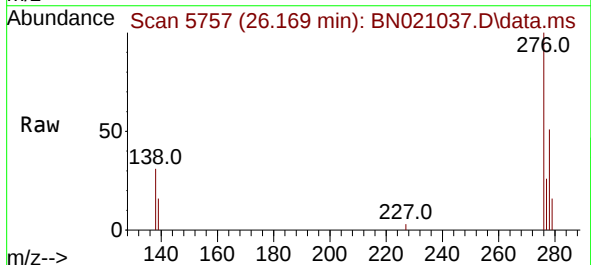


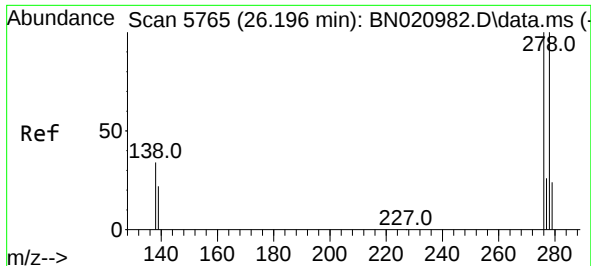
Tgt Ion:252 Resp: 9462
Ion Ratio Lower Upper
252 100
253 27.4 22.1 33.1
125 20.1 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.292 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.017 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

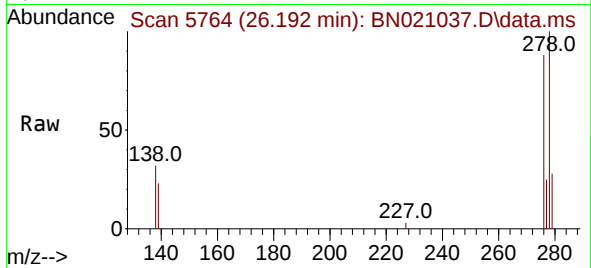
Tgt Ion:276 Resp: 9999
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.1 0.1 0.1#



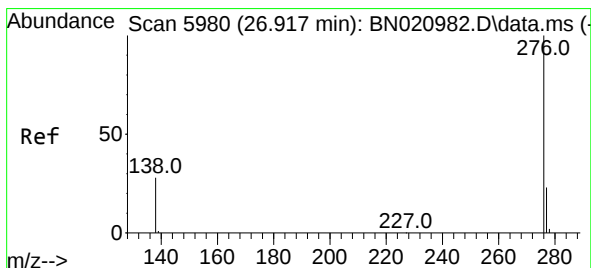
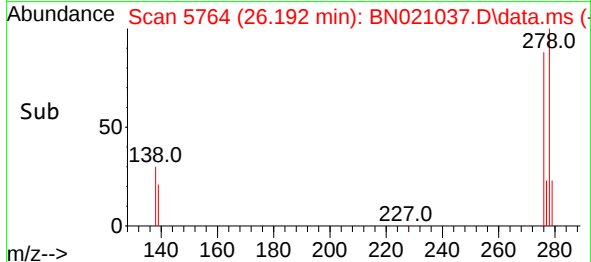
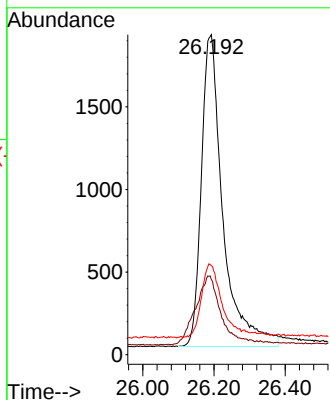


#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 7916
Ion Ratio Lower Upper
278 100
139 23.5 18.3 27.5
279 27.8 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. -0.020 min
Lab File: BN021037.D
Acq: 05 Aug 2022 21:34

Tgt Ion:276 Resp: 8719
Ion Ratio Lower Upper
276 100
138 28.6 22.6 34.0
277 25.0 20.2 30.2

