

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020970.D
 Acq On : 03 Aug 2022 09:31
 Operator : CG/JU
 Sample : PB146569BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS569

Quant Time: Aug 03 13:41:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 04:19:04 2022
 Response via : Initial Calibration

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

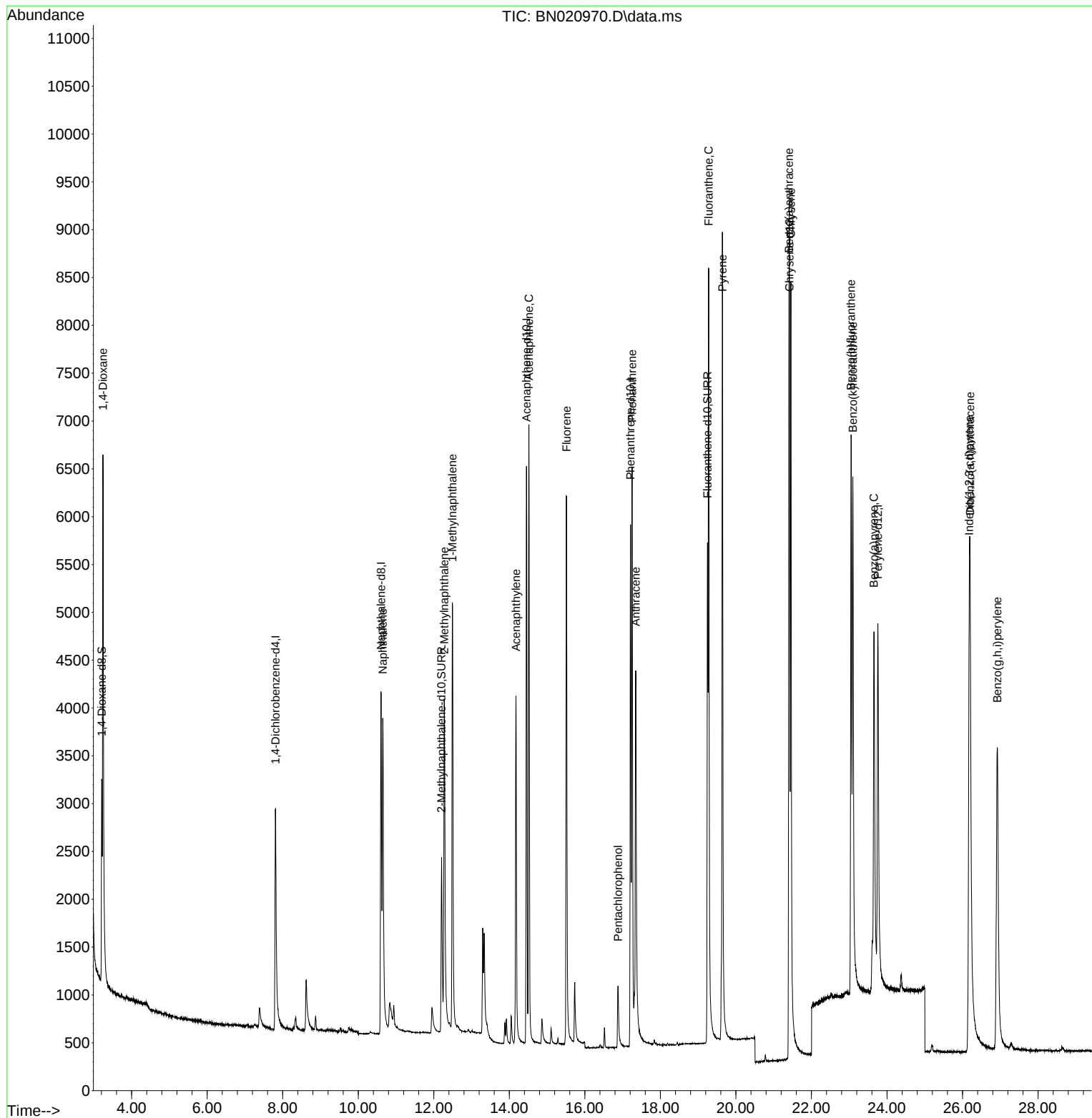
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	1936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136	6329	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	3666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	7256	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	6430	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	5908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1551	0.657	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	3131	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	6718	0.341	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	3879	1.526	ng/ul#	85
5) Naphthalene	10.650	128	5691	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	3454	0.328	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	3751	0.323	ng/ul	100
10) Acenaphthylene	14.178	152	5035	0.336	ng/ul	99
11) Acenaphthene	14.520	153	4101	0.327	ng/ul	98
12) Fluorene	15.515	166	4536	0.314	ng/ul	100
14) Pentachlorophenol	16.879	266	657	0.567	ng/ul	99
15) Phenanthrene	17.251	178	7387	0.300	ng/ul	99
16) Anthracene	17.348	178	5996	0.284	ng/ul	99
19) Fluoranthene	19.281	202	8191	0.283	ng/ul	99
20) Pyrene	19.643	202	8585	0.284	ng/ul	98
21) Benzo(a)anthracene	21.404	228	6428	0.275	ng/ul	99
22) Chrysene	21.457	228	8205	0.284	ng/ul	99
24) Benzo(b)fluoranthene	23.050	252	8195	0.291	ng/ul	99
25) Benzo(k)fluoranthene	23.096	252	8312	0.272	ng/ul	99
26) Benzo(a)pyrene	23.655	252	7468	0.281	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.179	276	8843	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.199	278	7110	0.278	ng/ul	97
29) Benzo(g,h,i)perylene	26.921	276	8034	0.282	ng/ul	98

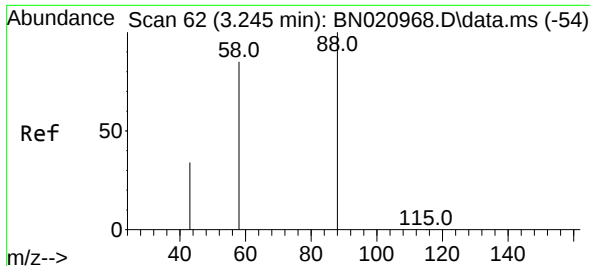
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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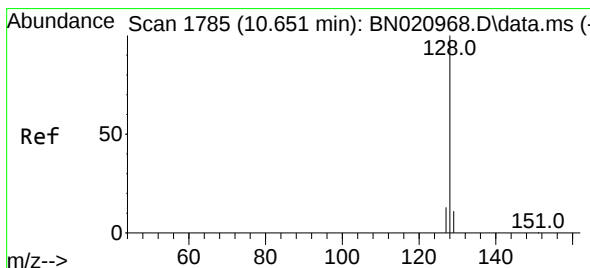
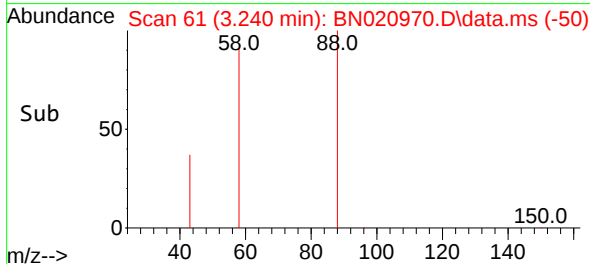
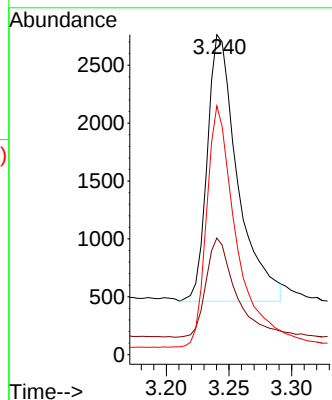
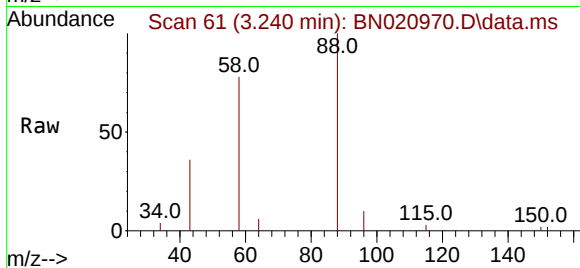




#2
1,4-Dioxane
Concen: 1.526 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

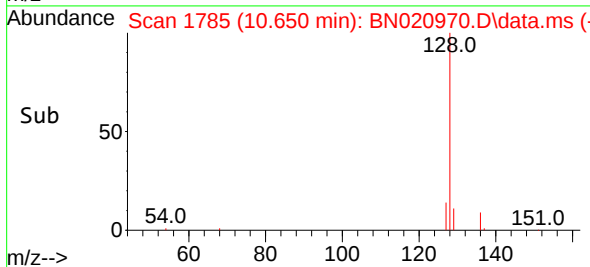
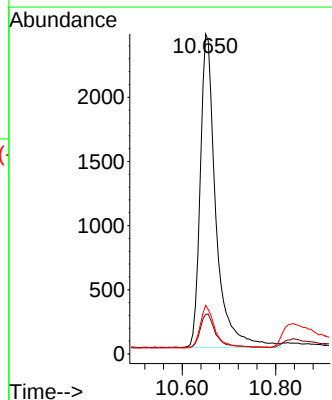
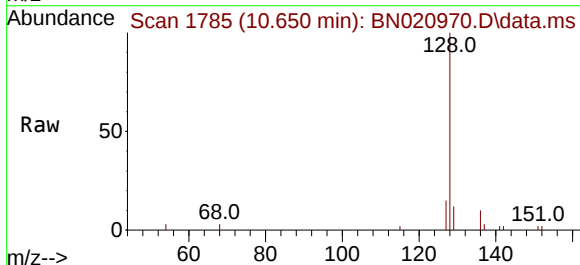
Instrument :
BNA_N
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SLCS569

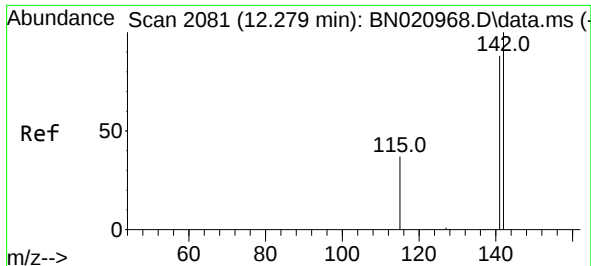
Tgt Ion: 88 Resp: 3879
Ion Ratio Lower Upper
88 100
43 36.4 31.4 47.0
58 77.7 49.0 73.6#



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion: 128 Resp: 5691
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 15.2 11.6 17.4

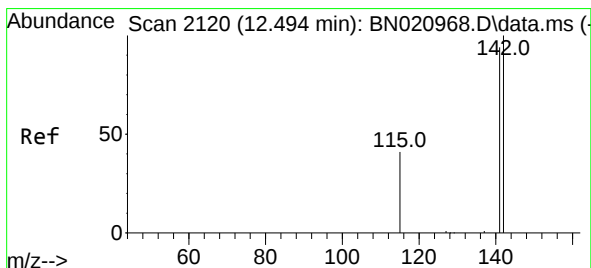
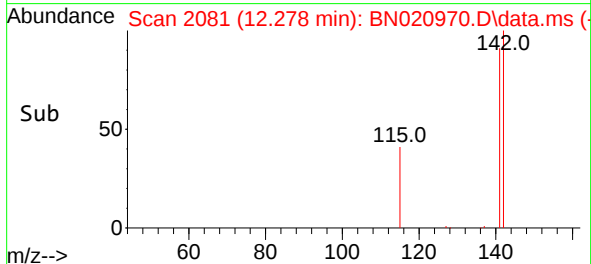
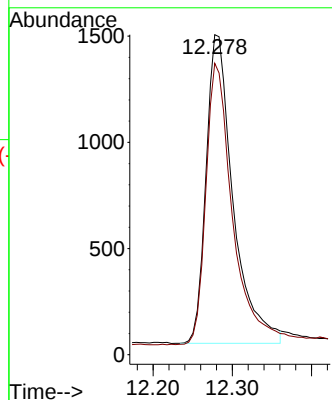
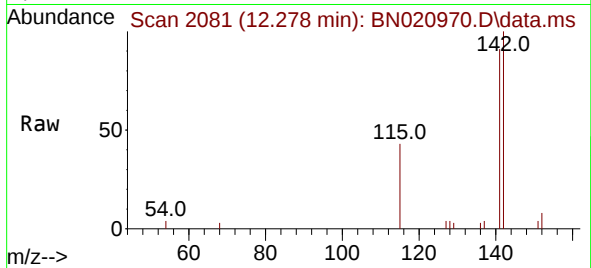




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

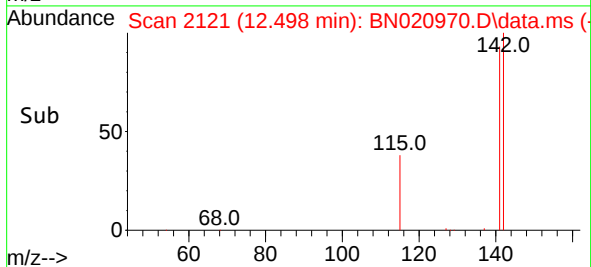
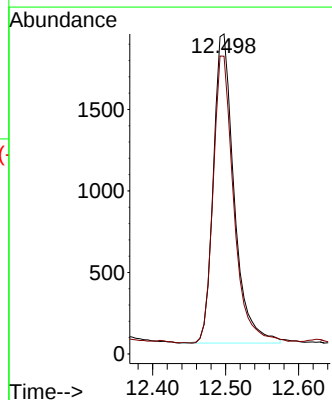
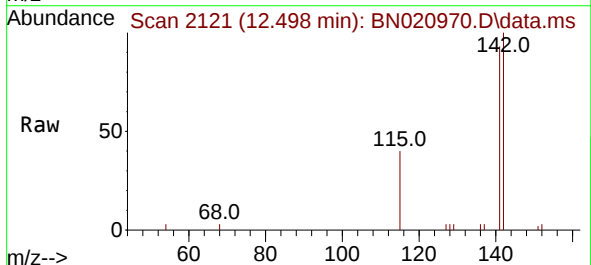
Instrument :
BNA_N
ClientSampleId :
SLCS569

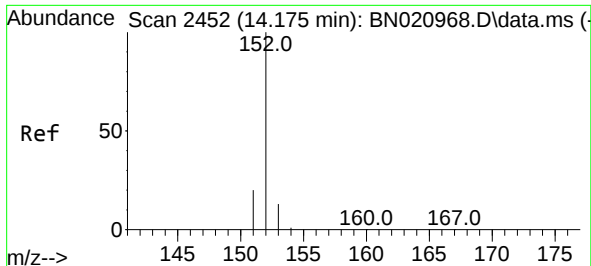
Tgt Ion:142 Resp: 3454
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:142 Resp: 3751
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

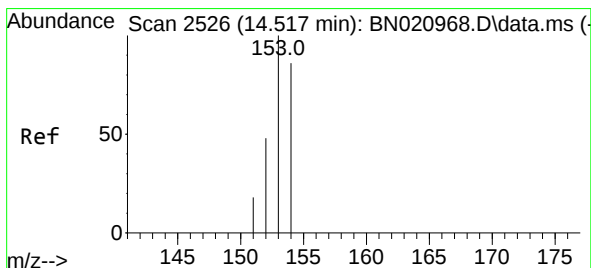
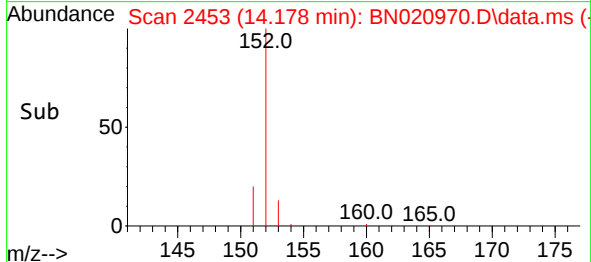
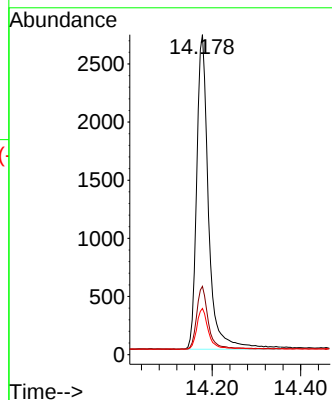
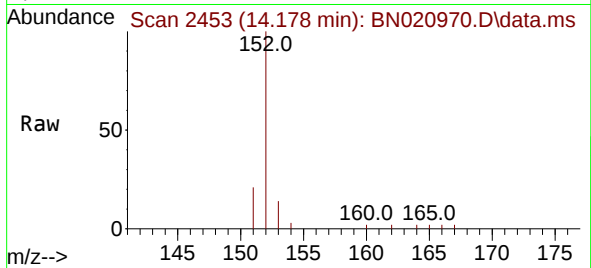




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.178 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

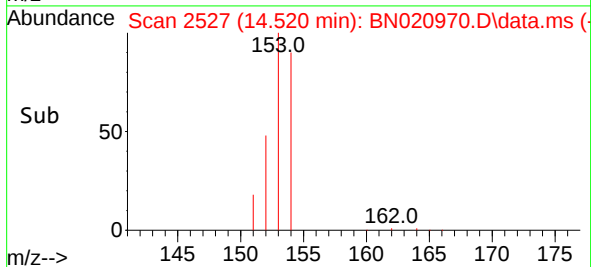
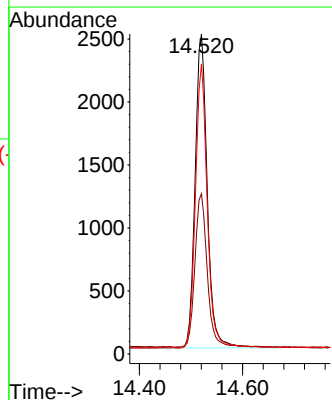
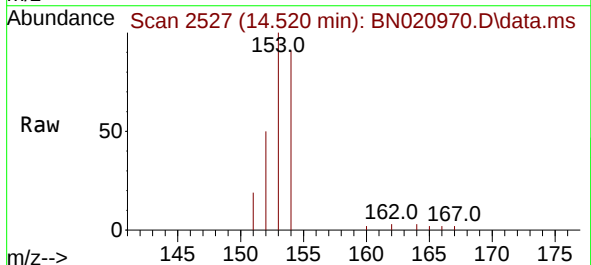
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BNA_N
ClientSampleId :
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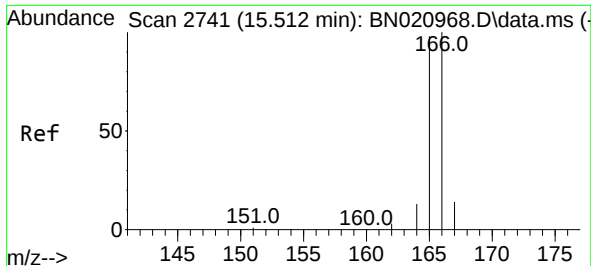
Tgt Ion:152 Resp: 5035
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.5 11.2 16.8



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:153 Resp: 4101
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 90.6 70.7 106.1

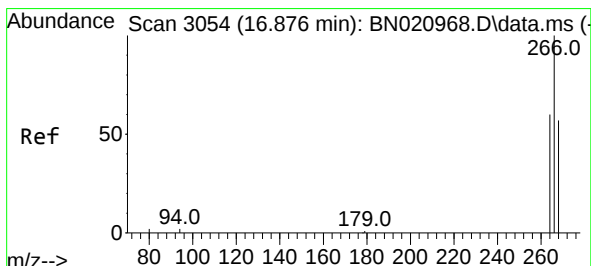
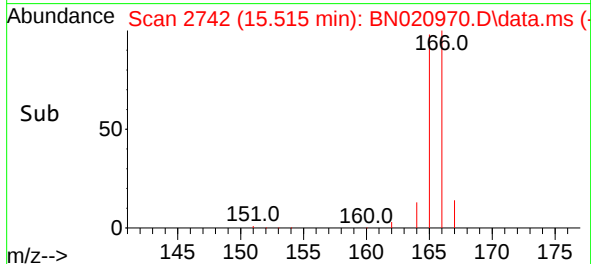
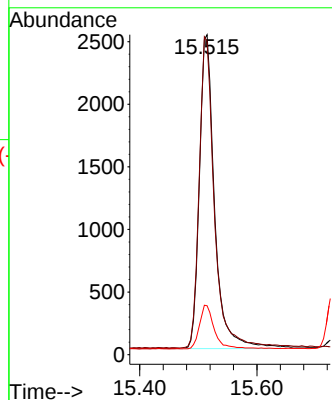
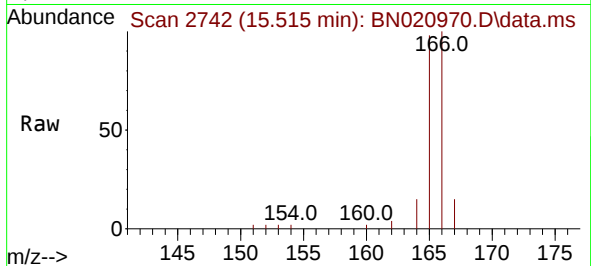




#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

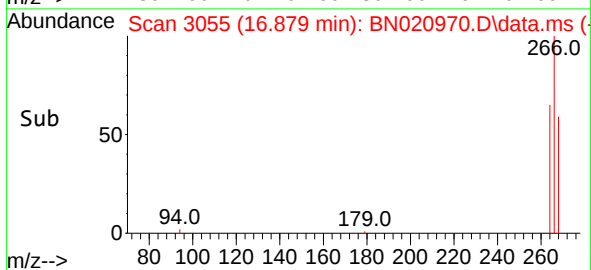
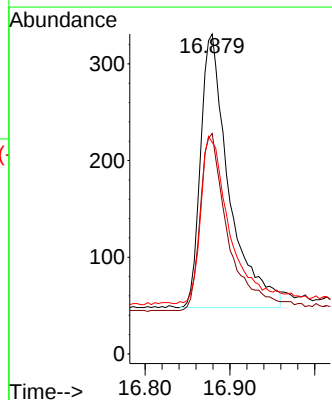
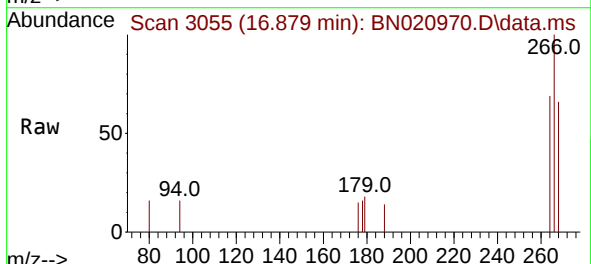
Instrument :
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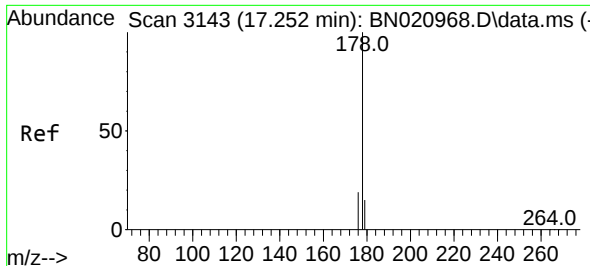
Tgt Ion:166 Resp: 4536
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 15.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.879 min Scan# 3055
Delta R.T. -0.005 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:266 Resp: 657
Ion Ratio Lower Upper
266 100
264 63.2 49.8 74.8
268 63.0 50.6 75.8

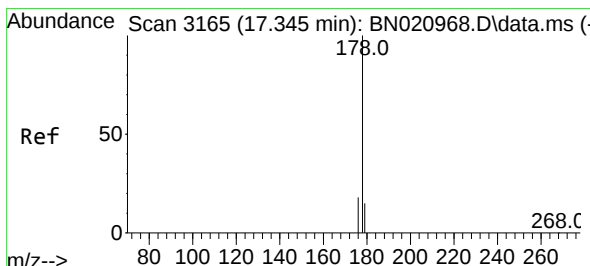
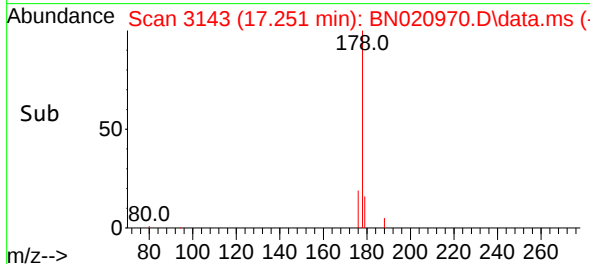
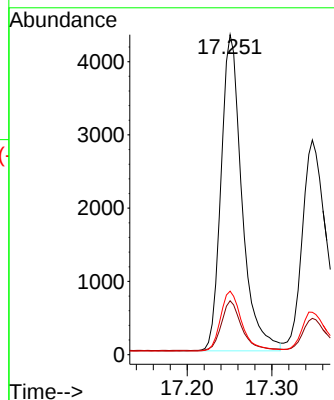
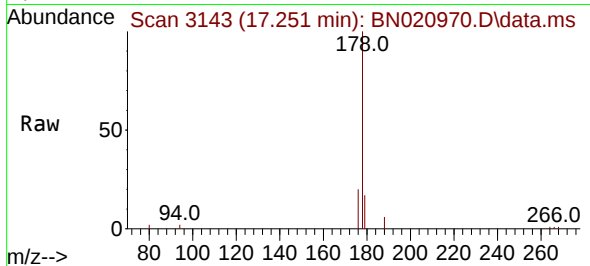




#15
Phenanthrene
Concen: 0.300 ng/u1
RT: 17.251 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

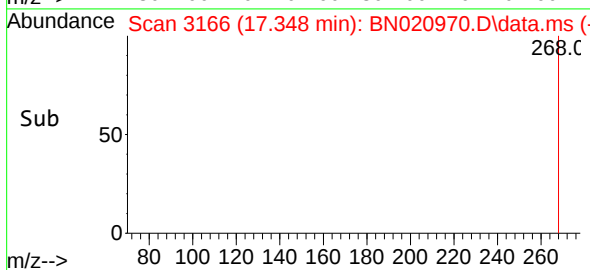
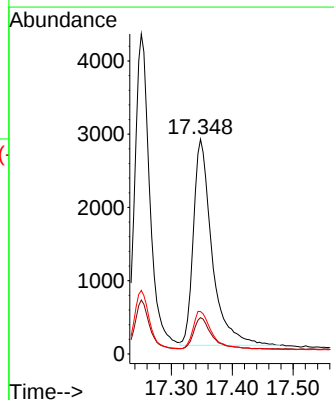
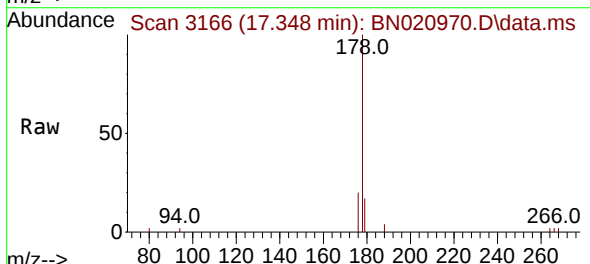
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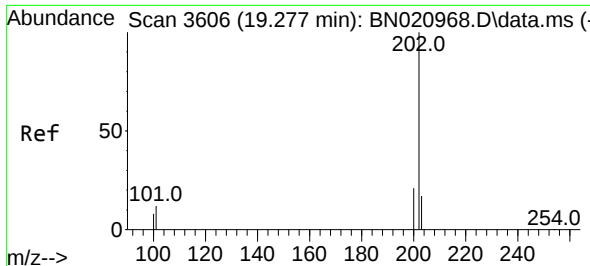
Tgt Ion:178 Resp: 7387
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.284 ng/u1
RT: 17.348 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:178 Resp: 5996
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.8 15.9 23.9

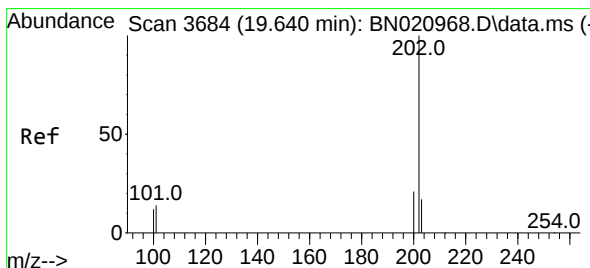
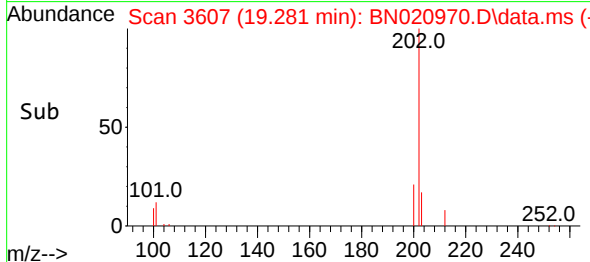
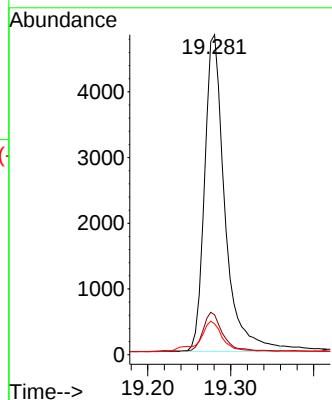
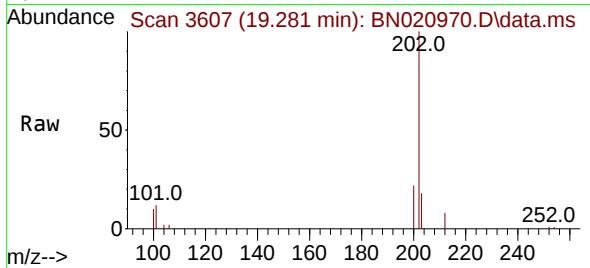




#19
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.281 min Scan# 3607
Delta R.T. -0.001 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

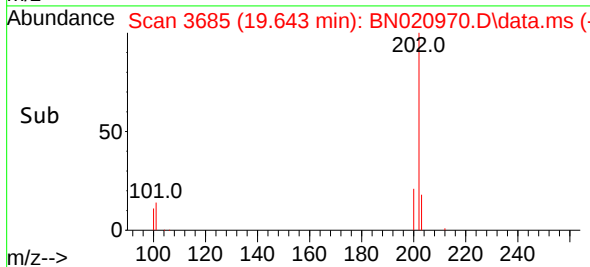
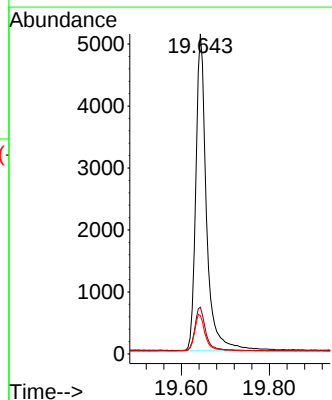
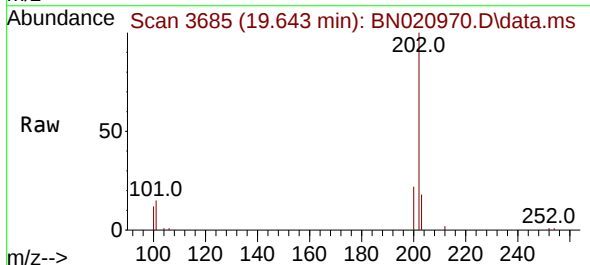
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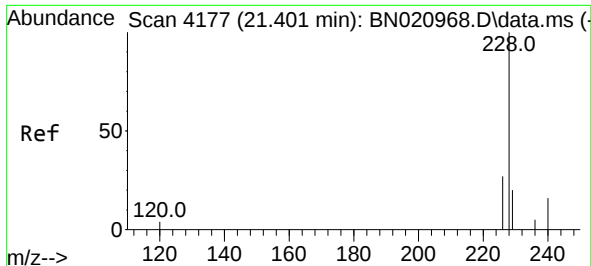
Tgt Ion:202 Resp: 8191
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.284 ng/ul
RT: 19.643 min Scan# 3685
Delta R.T. -0.006 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:202 Resp: 8585
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.0 9.0 13.4

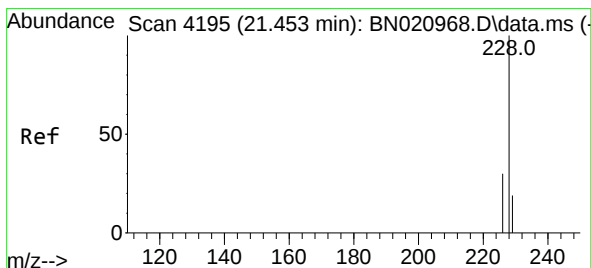
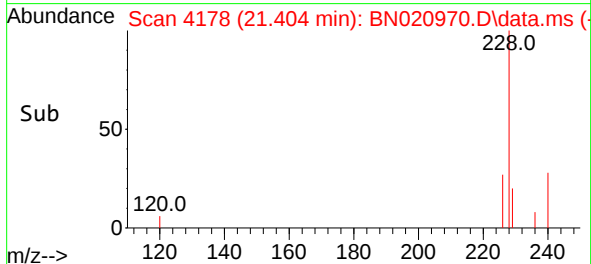
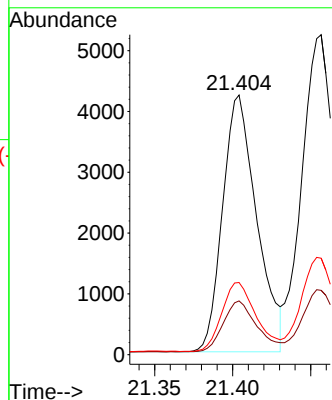
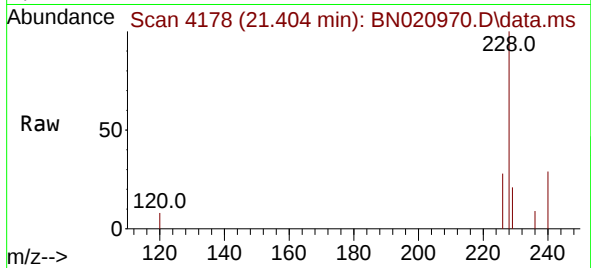




#21
Benzo(a)anthracene
Concen: 0.275 ng/ul
RT: 21.404 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

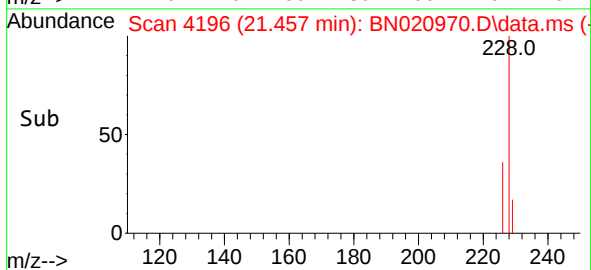
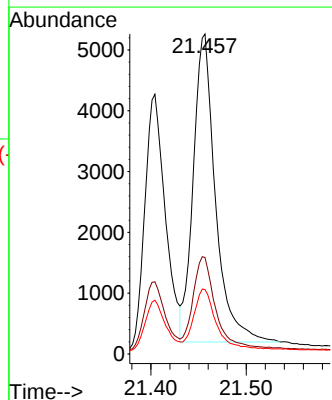
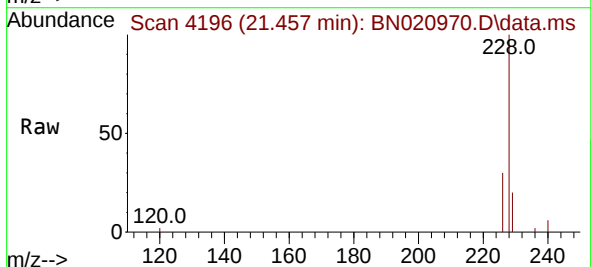
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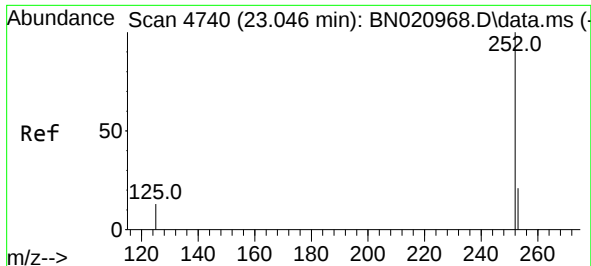
Tgt Ion:228 Resp: 6428
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 27.8 21.9 32.9



#22
Chrysene
Concen: 0.284 ng/ul
RT: 21.457 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

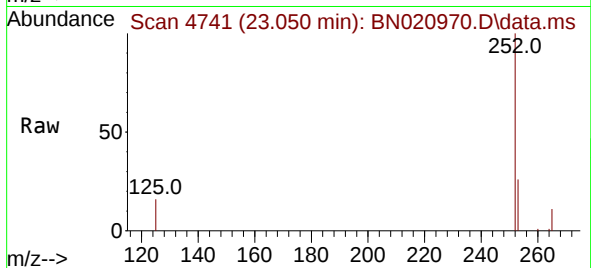
Tgt Ion:228 Resp: 8205
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 20.1 15.8 23.8



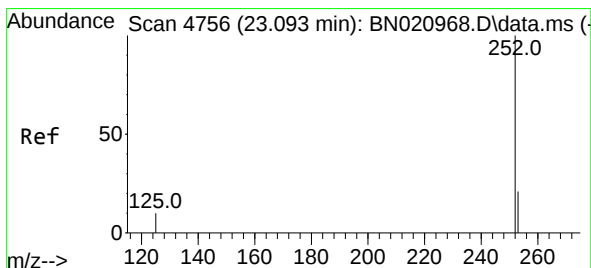
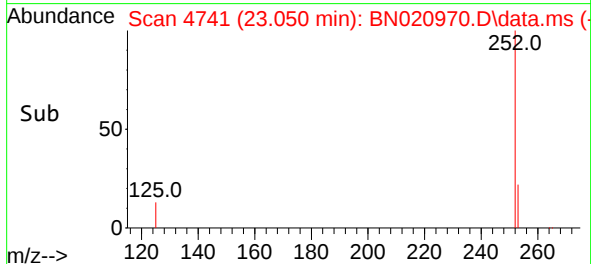
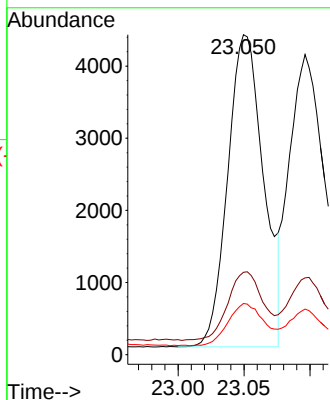


#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul
RT: 23.050 min Scan# 4741
Delta R.T. -0.005 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Instrument :
BNA_N
ClientSampleId :
SLCS569

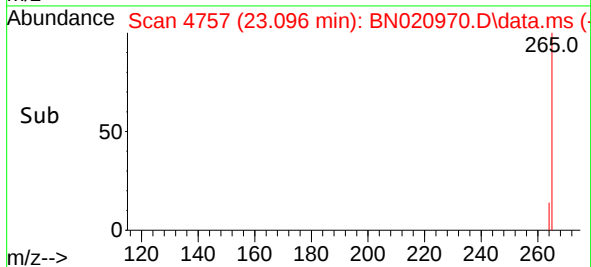
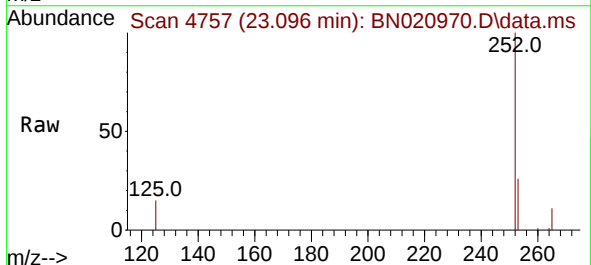
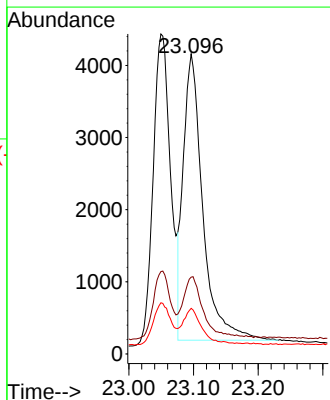


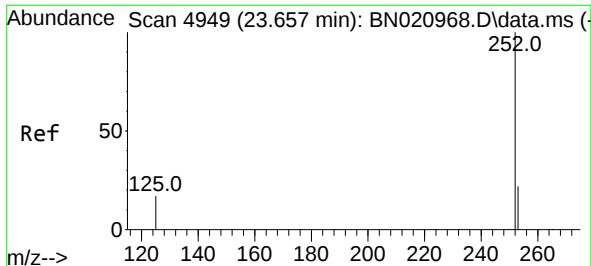
Tgt Ion:252 Resp: 8195
Ion Ratio Lower Upper
252 100
253 25.8 0.0 50.8
125 16.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.272 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.005 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:252 Resp: 8312
Ion Ratio Lower Upper
252 100
253 25.6 20.6 31.0
125 15.2 11.8 17.6

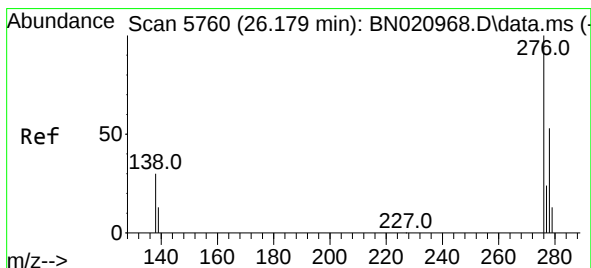
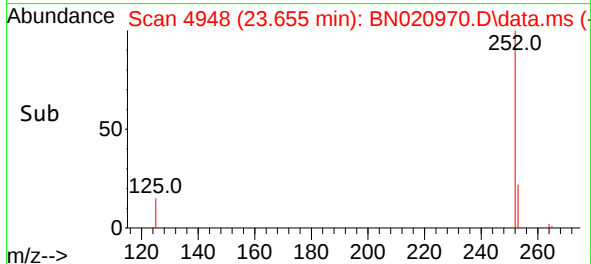
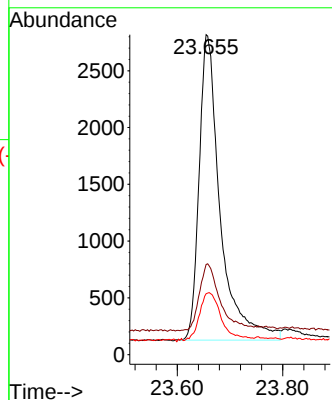
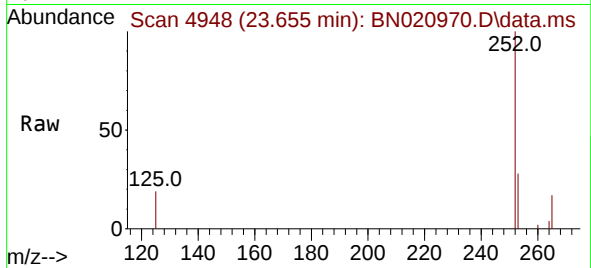




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.655 min Scan# 4949
Delta R.T. -0.008 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

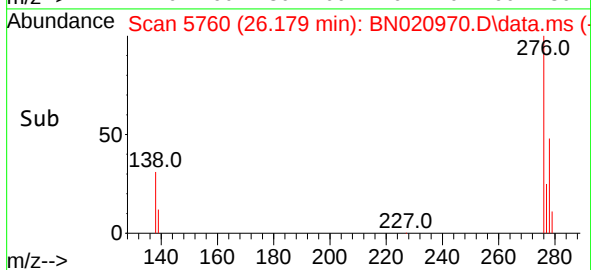
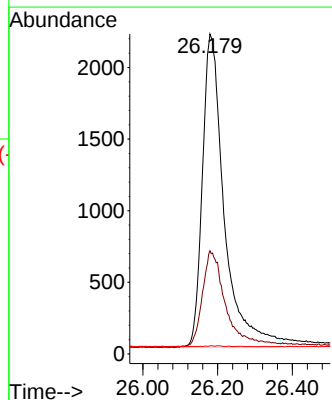
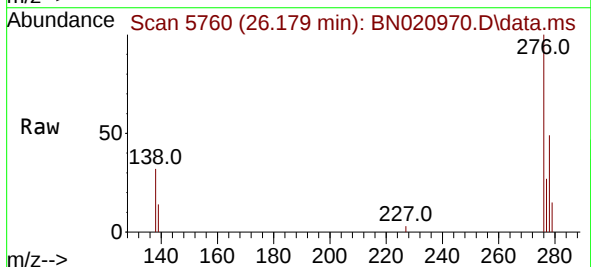
Instrument :
BNA_N
ClientSampleId :
SLCS569

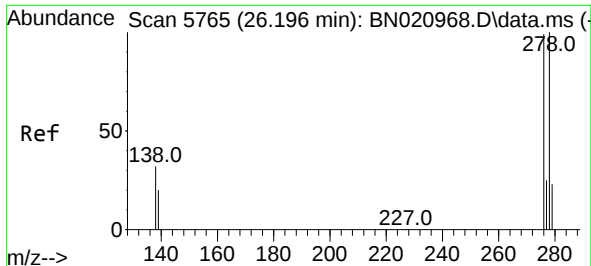
Tgt Ion:252 Resp: 7468
Ion Ratio Lower Upper
252 100
253 28.2 22.1 33.1
125 19.1 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.010 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:276 Resp: 8843
Ion Ratio Lower Upper
276 100
138 32.7 26.1 39.1
227 0.1 0.1 0.1#

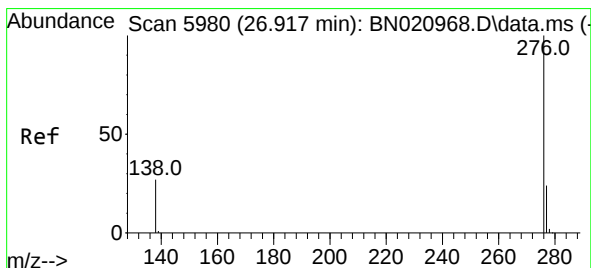
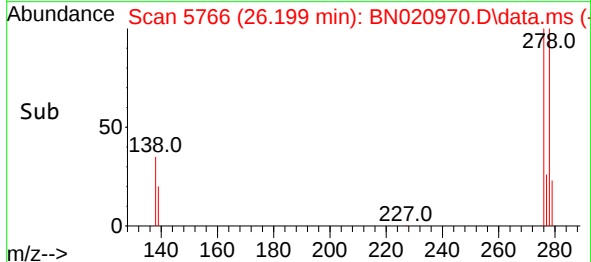
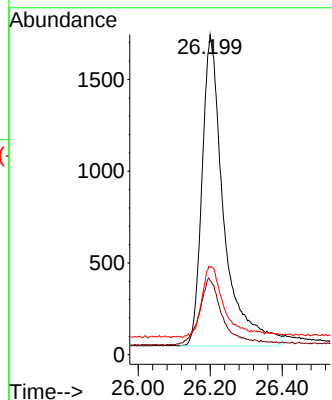
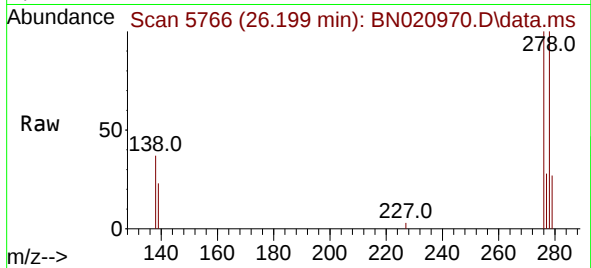




#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Instrument :
BNA_N
ClientSampleId :
SLCS569

Tgt Ion:278 Resp: 7110
Ion Ratio Lower Upper
278 100
139 23.1 18.3 27.5
279 27.4 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 26.921 min Scan# 5981
Delta R.T. -0.013 min
Lab File: BN020970.D
Acq: 03 Aug 2022 09:31

Tgt Ion:276 Resp: 8034
Ion Ratio Lower Upper
276 100
138 29.1 22.6 34.0
277 26.0 20.2 30.2

