

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021023.D
 Acq On : 05 Aug 2022 12:47
 Operator : CG/JU
 Sample : PB146649BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS649

Quant Time: Aug 06 00:27:51 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)

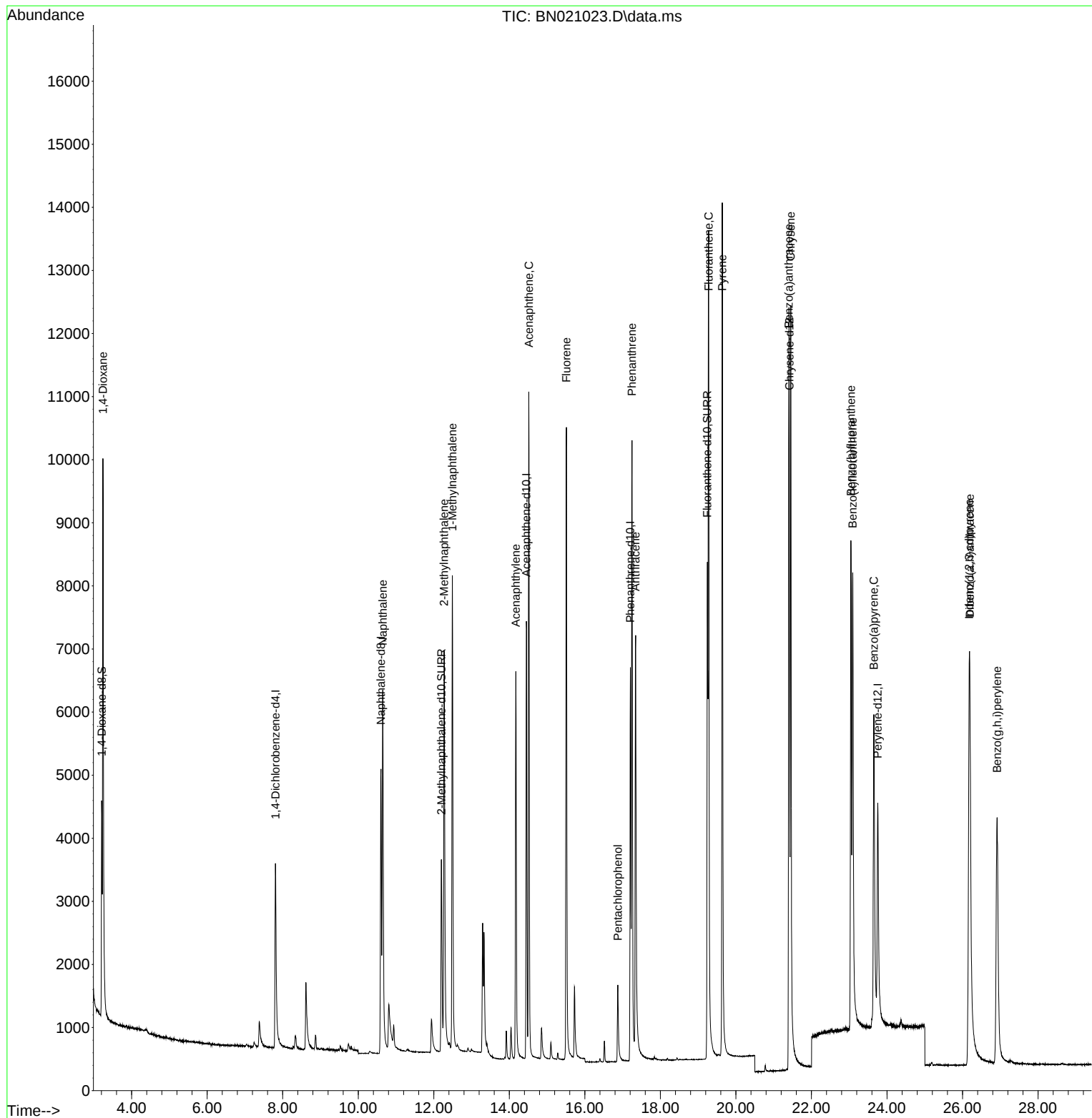
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2284	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	4165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8005	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6657	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	5498	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	2323	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4889	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	10165	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5928	1.969	ng/ul#	84
5) Naphthalene	10.651	128	9612	0.421	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	5827	0.420	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	5991	0.432	ng/ul	99
10) Acenaphthylene	14.174	152	8217	0.422	ng/ul	99
11) Acenaphthene	14.517	153	6672	0.414	ng/ul	99
12) Fluorene	15.511	166	7381	0.419	ng/ul	99
14) Pentachlorophenol	16.872	266	1111	0.900	ng/ul	99
15) Phenanthrene	17.248	178	11943	0.417	ng/ul	100
16) Anthracene	17.345	178	9834	0.443	ng/ul	99
19) Fluoranthene	19.277	202	13167	0.447	ng/ul	99
20) Pyrene	19.640	202	13535	0.445	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9736	0.448	ng/ul	100
22) Chrysene	21.453	228	12305	0.430	ng/ul	99
24) Benzo(b)fluoranthene	23.046	252	10917	0.429	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	11539	0.430	ng/ul	98
26) Benzo(a)pyrene	23.654	252	9972	0.429	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.179	276	10698	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.192	278	8548	0.390	ng/ul	97
29) Benzo(g,h,i)perylene	26.917	276	9873	0.399	ng/ul	100

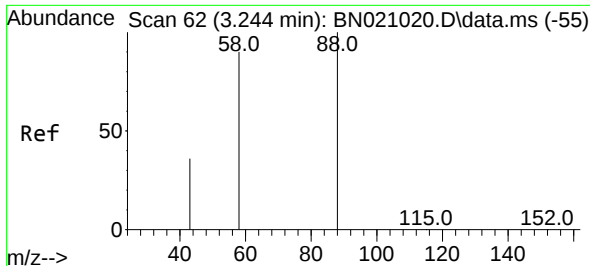
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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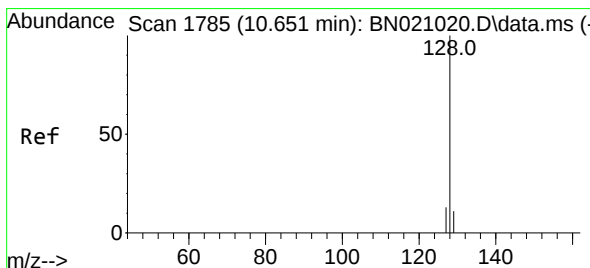
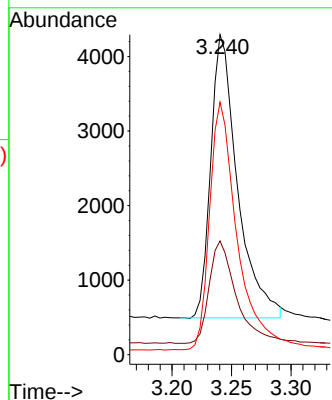
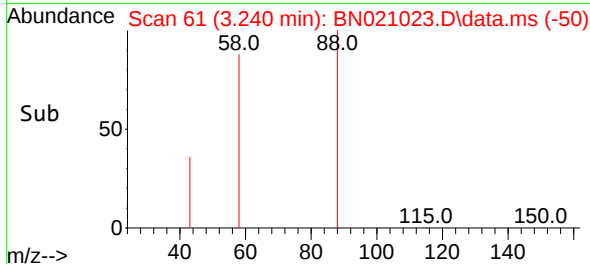
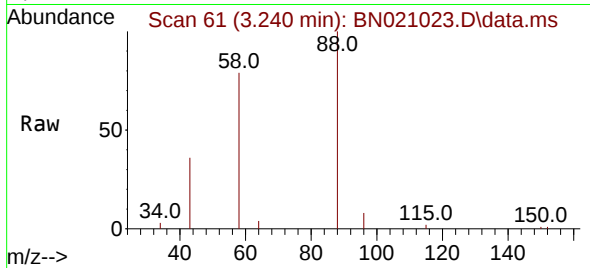




#2
 1,4-Dioxane
 Concen: 1.969 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021023.D
 Acq: 05 Aug 2022 12:47

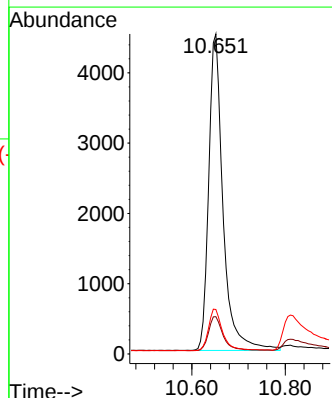
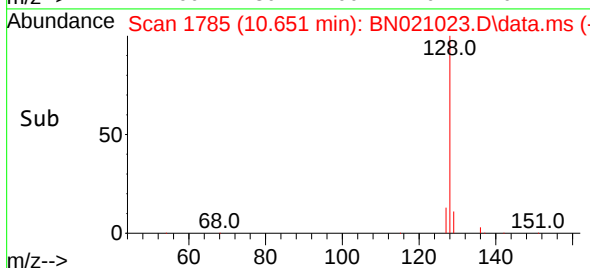
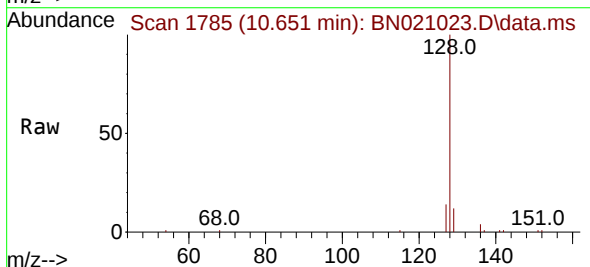
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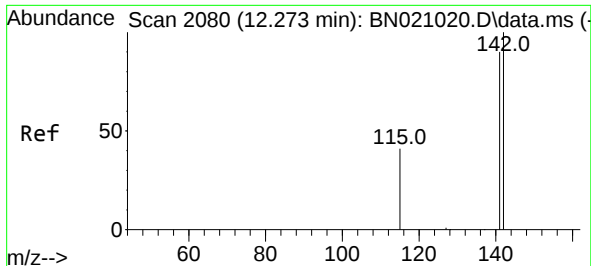
Tgt Ion: 88 Resp: 5928
 Ion Ratio Lower Upper
 88 100
 43 35.6 31.4 47.0
 58 78.9 49.0 73.6#



#5
 Naphthalene
 Concen: 0.421 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN021023.D
 Acq: 05 Aug 2022 12:47

Tgt Ion:128 Resp: 9612
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.8 14.6
 127 13.9 11.6 17.4

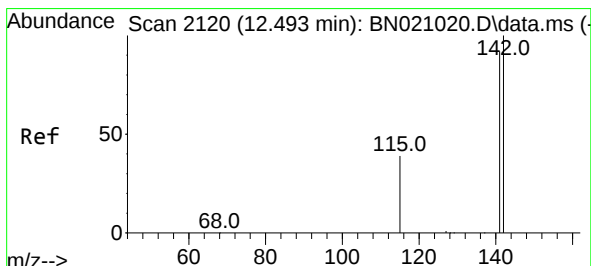
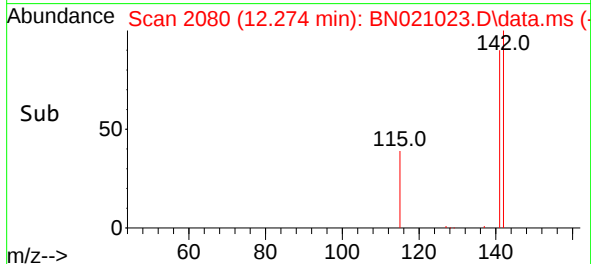
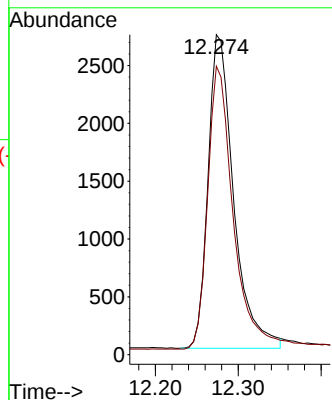
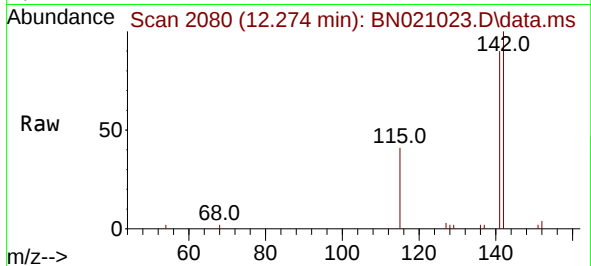




#7
2-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

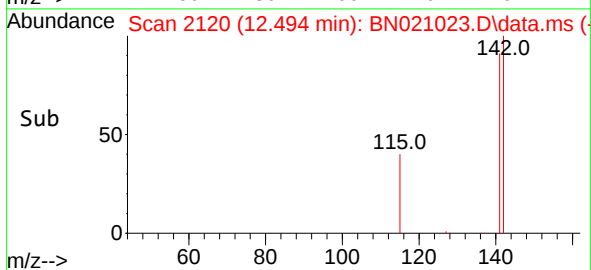
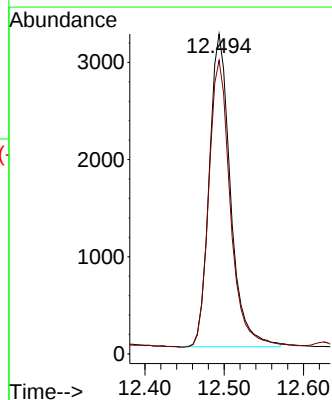
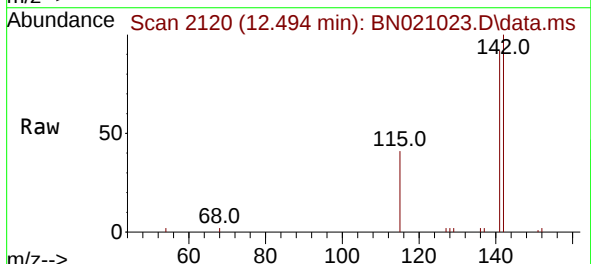
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BNA_N
ClientSampleId :
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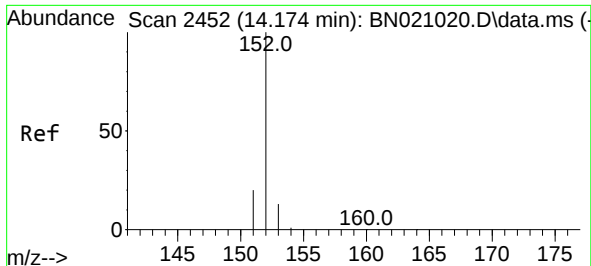
Tgt Ion:142 Resp: 5827
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:142 Resp: 5991
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

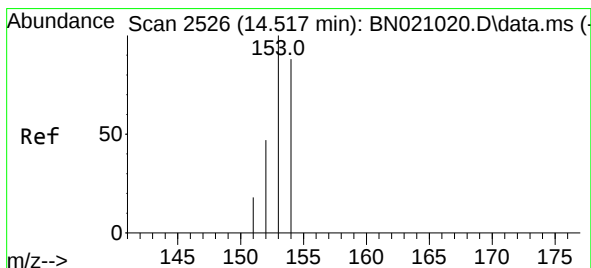
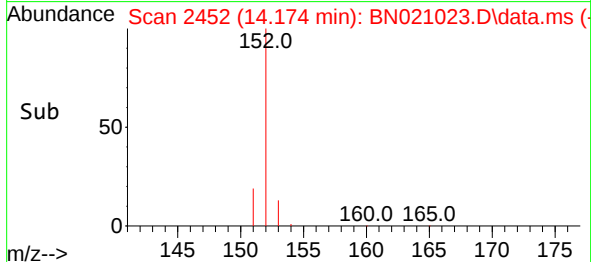
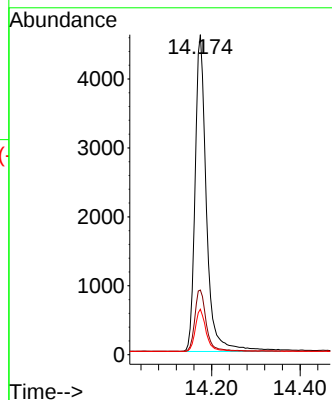
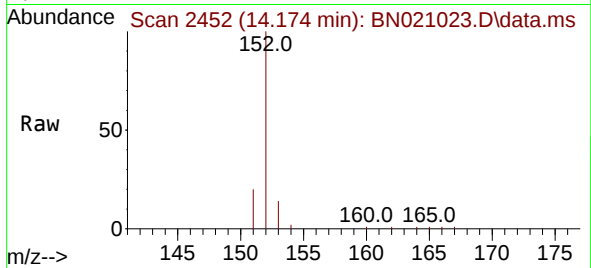




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

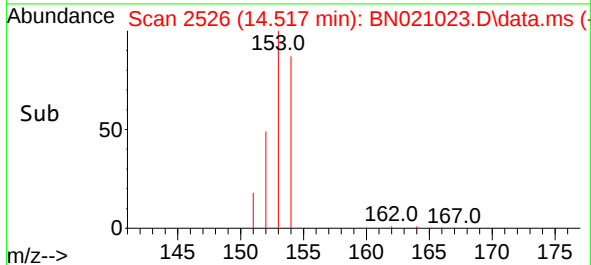
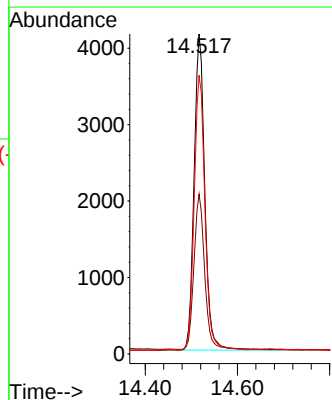
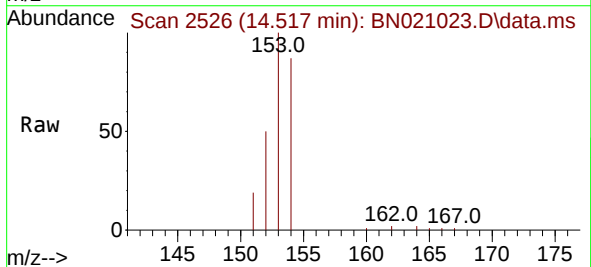
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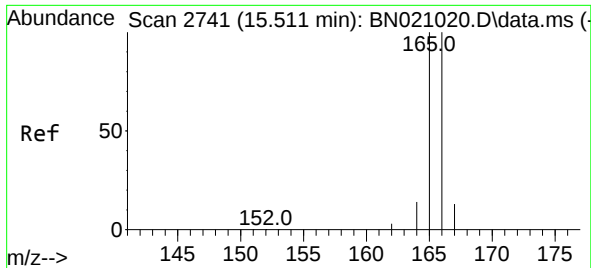
Tgt Ion:152 Resp: 8217
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:153 Resp: 6672
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 87.1 70.7 106.1

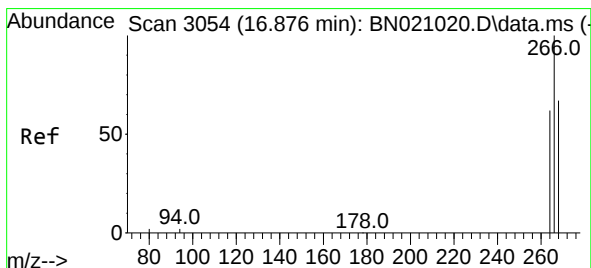
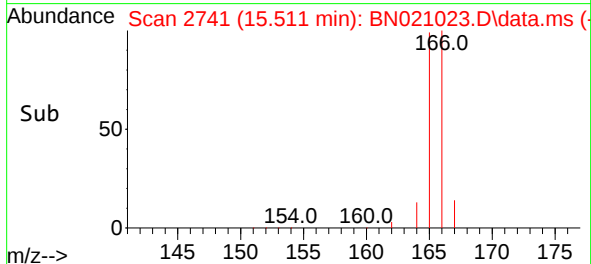
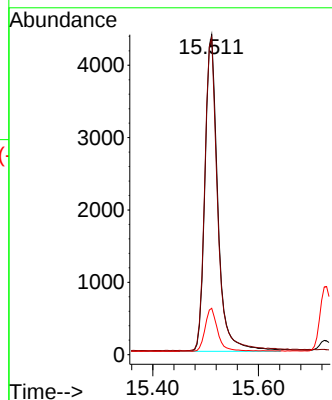
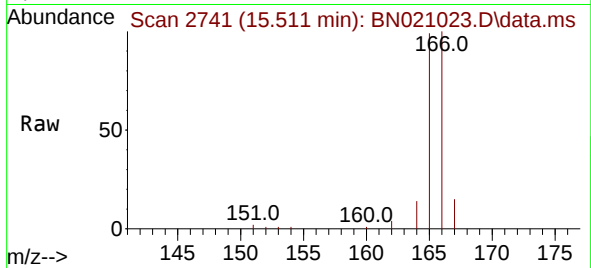




#12
 Fluorene
 Concen: 0.419 ng/ul
 RT: 15.511 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021023.D
 Acq: 05 Aug 2022 12:47

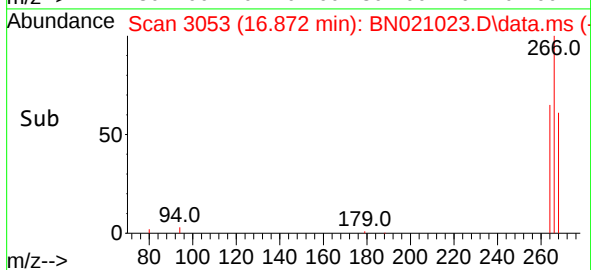
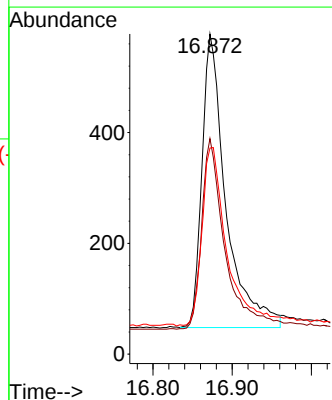
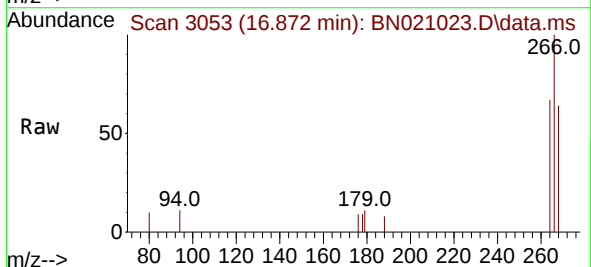
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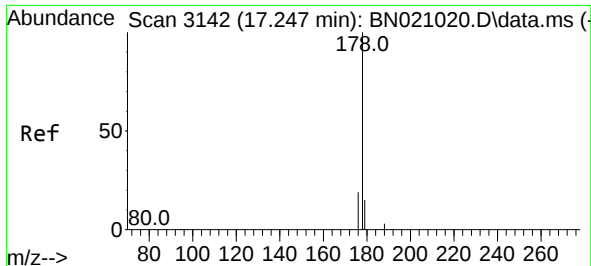
Tgt Ion:166 Resp: 7381
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 117.8
 167 14.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.900 ng/ul
 RT: 16.872 min Scan# 3053
 Delta R.T. -0.008 min
 Lab File: BN021023.D
 Acq: 05 Aug 2022 12:47

Tgt Ion:266 Resp: 1111
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.8 74.8
 268 62.7 50.6 75.8

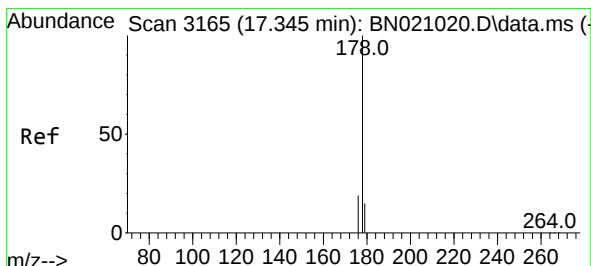
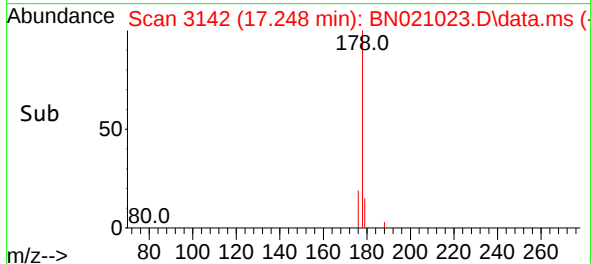
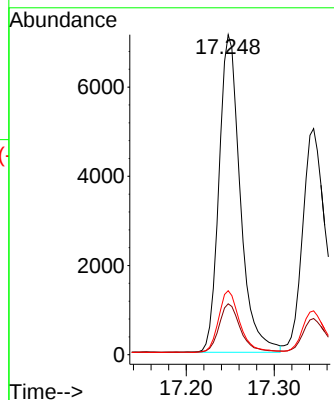
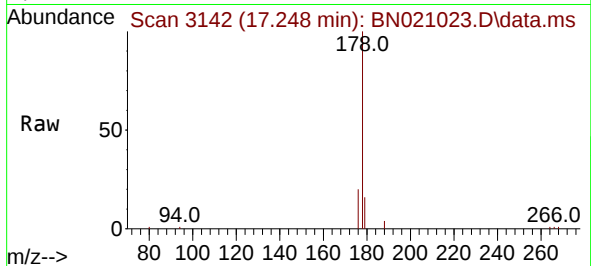




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

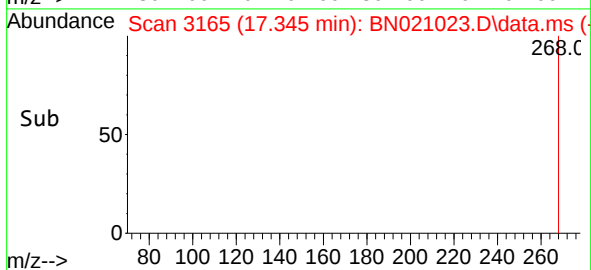
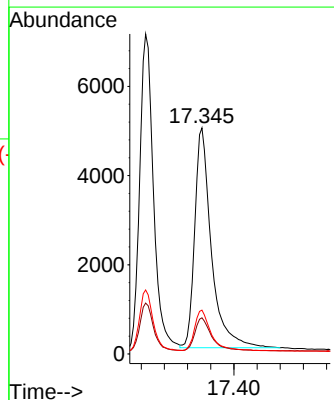
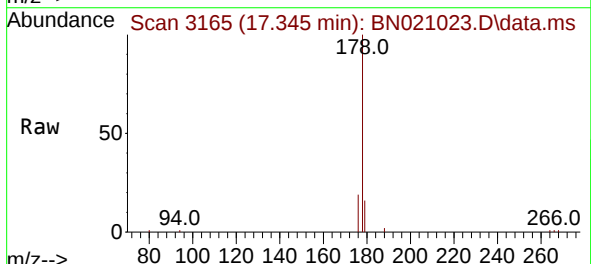
Instrument :
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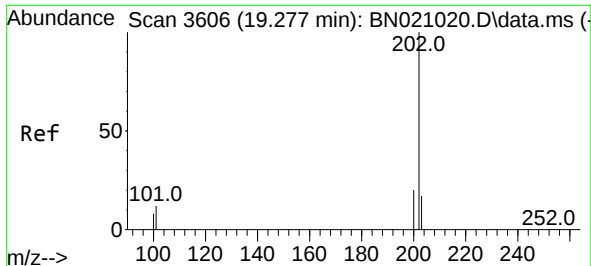
Tgt Ion:178 Resp: 11943
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.443 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:178 Resp: 9834
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.4 15.9 23.9

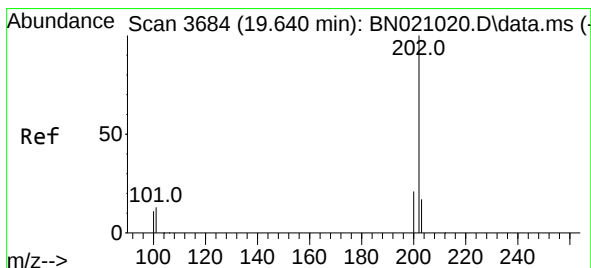
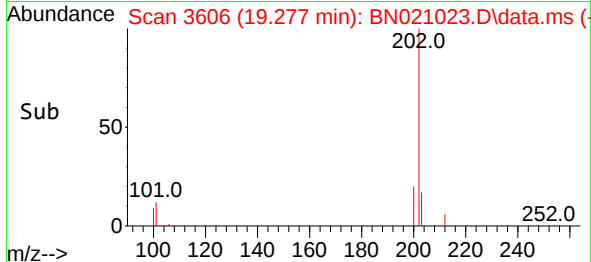
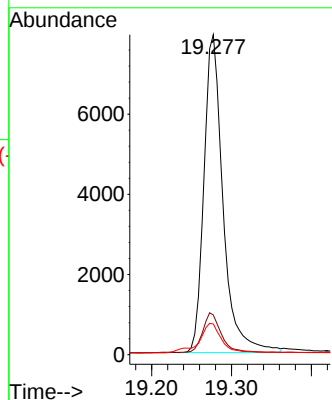
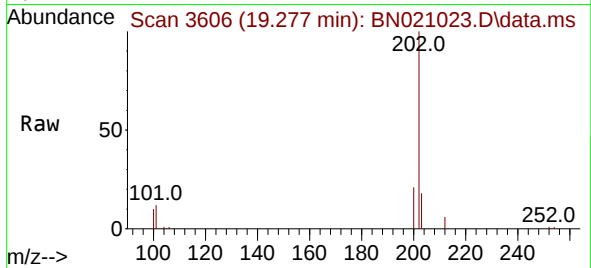




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

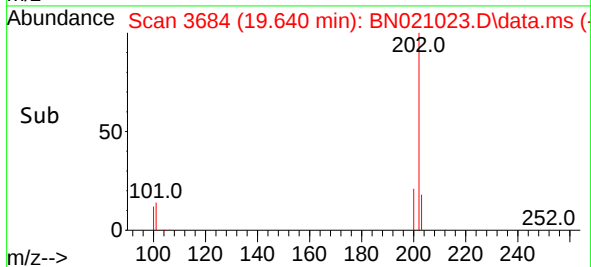
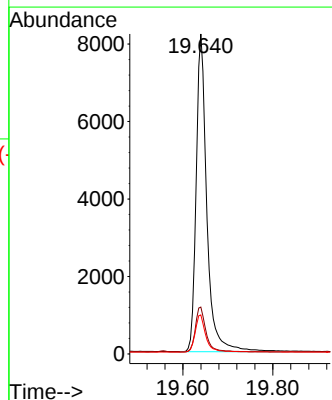
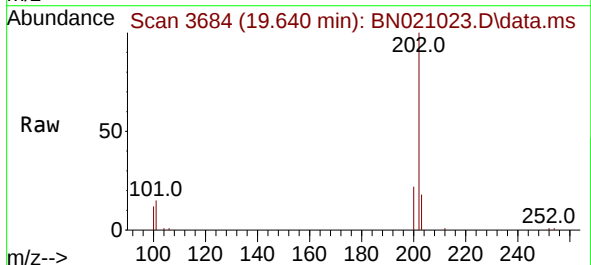
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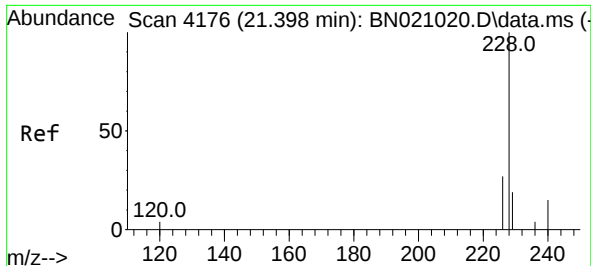
Tgt Ion:202 Resp: 13167
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:202 Resp: 13535
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.2 9.0 13.4

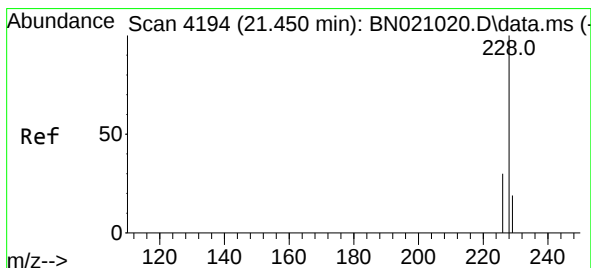
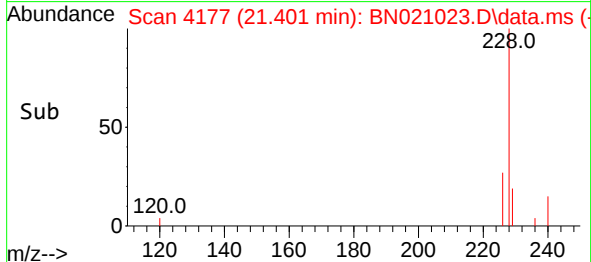
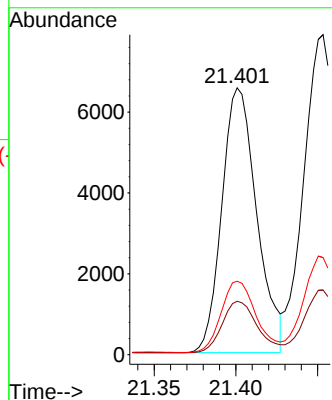
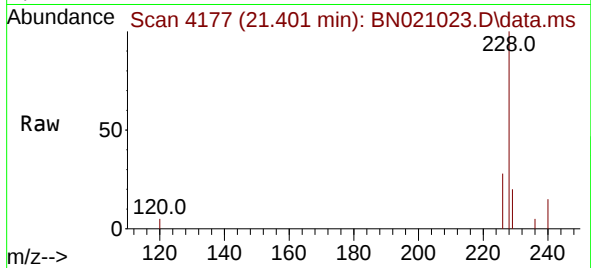




#21
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

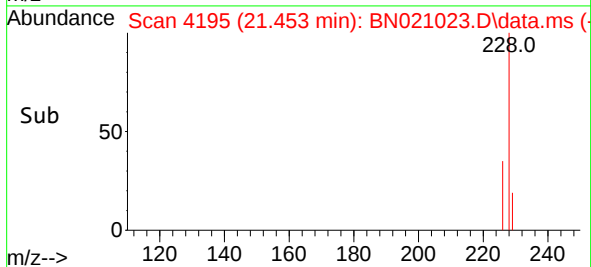
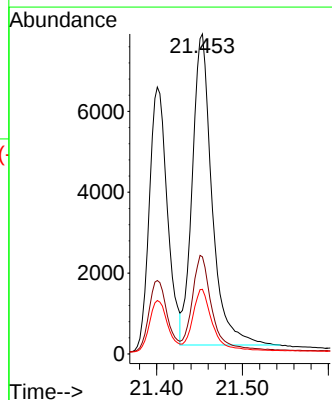
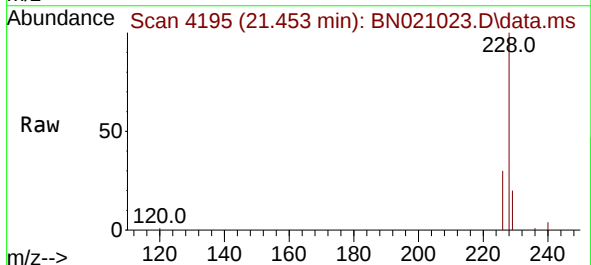
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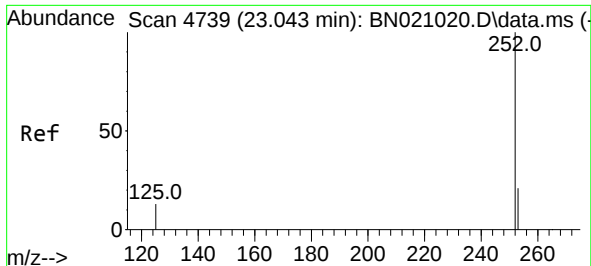
Tgt Ion:228 Resp: 9736
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:228 Resp: 12305
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.2 15.8 23.8

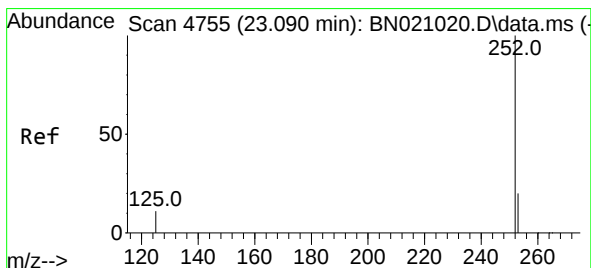
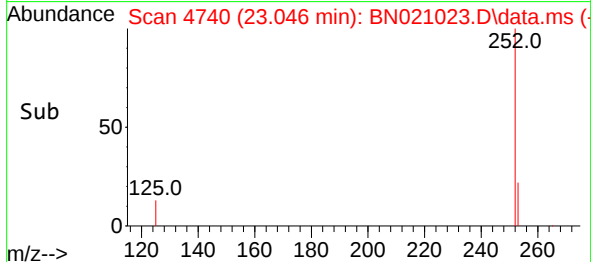
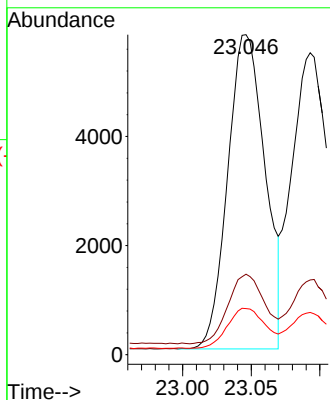
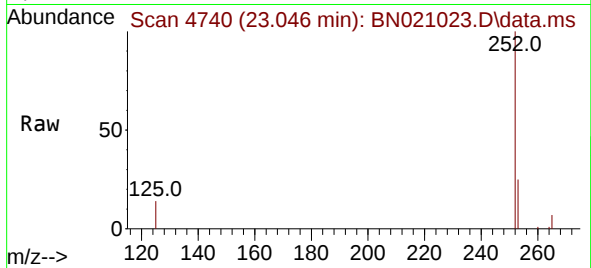




#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.046 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

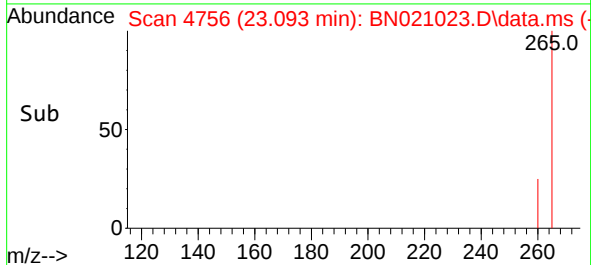
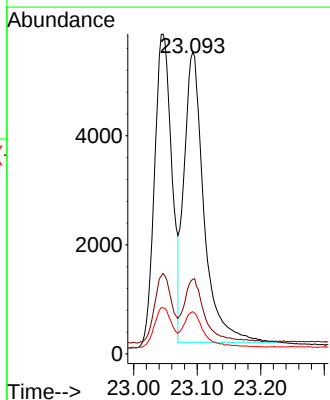
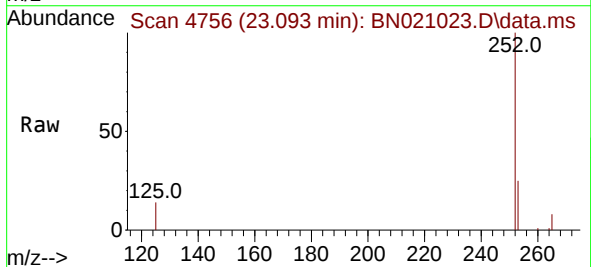
Instrument :
BNA_N
ClientSampleId :
SLCS649

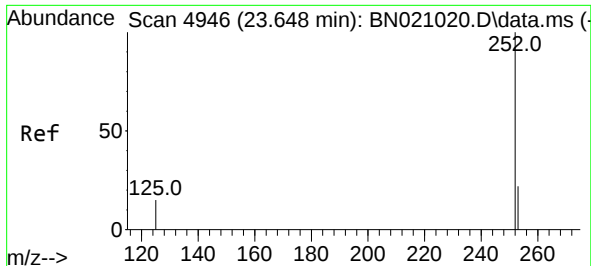
Tgt Ion:252 Resp: 10917
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.8
125 14.4 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:252 Resp: 11539
Ion Ratio Lower Upper
252 100
253 24.7 20.6 31.0
125 14.0 11.8 17.6

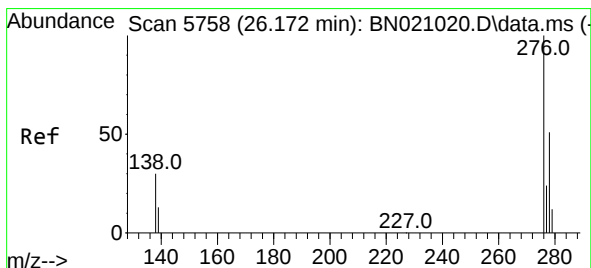
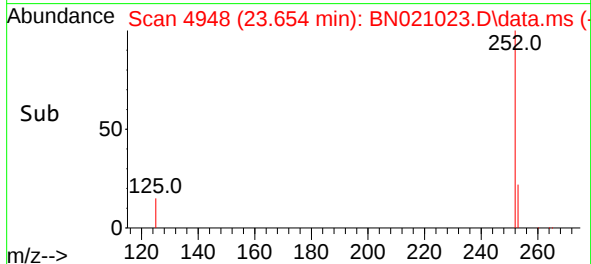
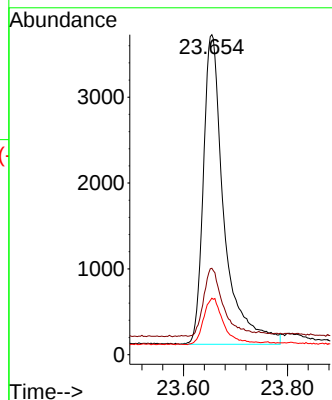
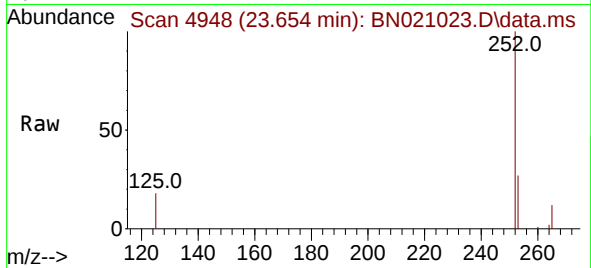




#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.654 min Scan# 4946
Delta R.T. -0.006 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

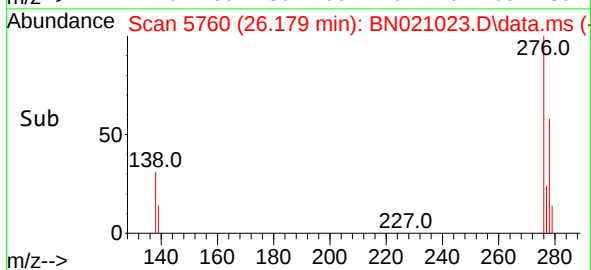
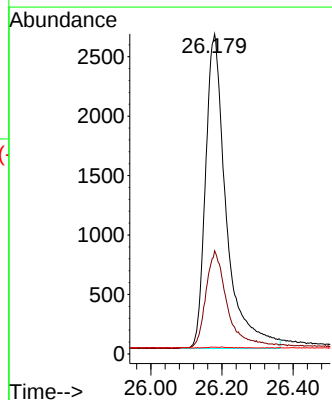
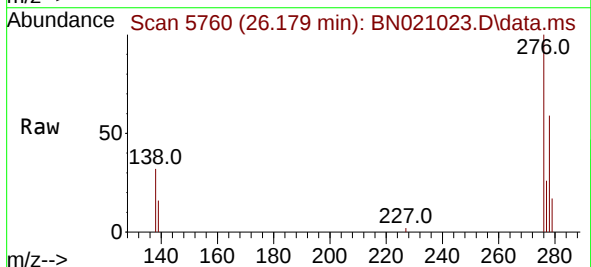
Instrument :
BNA_N
ClientSampleId :
SLCS649

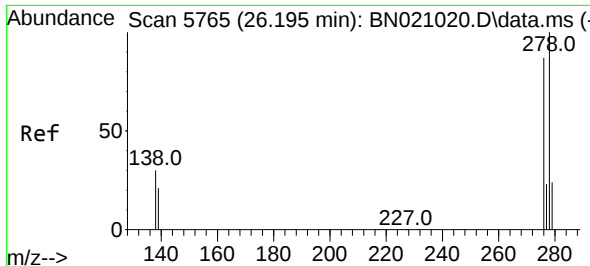
Tgt Ion:252 Resp: 9972
Ion Ratio Lower Upper
252 100
253 27.0 22.1 33.1
125 17.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.007 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:276 Resp: 10698
Ion Ratio Lower Upper
276 100
138 32.1 26.1 39.1
227 0.1 0.1 0.1#

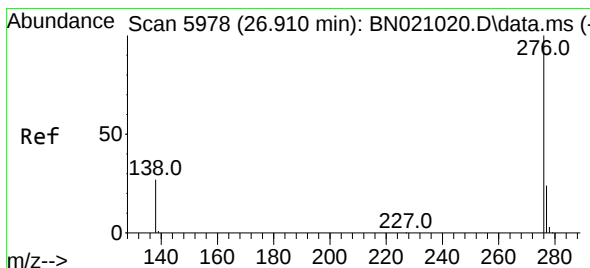
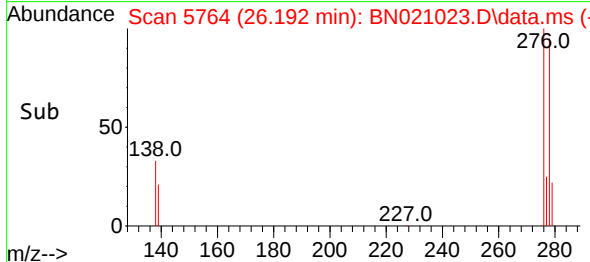
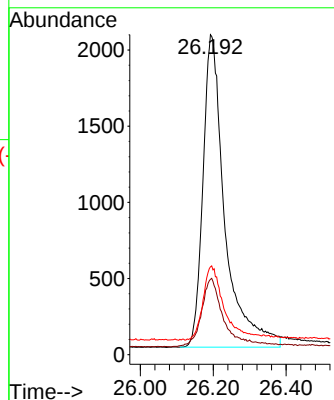
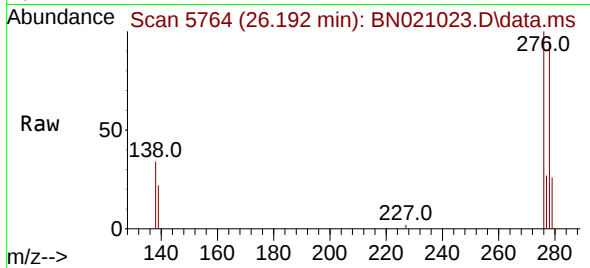




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Instrument :
BNA_N
ClientSampleId :
SLCS649

Tgt Ion:278 Resp: 8548
Ion Ratio Lower Upper
278 100
139 23.6 18.3 27.5
279 27.5 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021023.D
Acq: 05 Aug 2022 12:47

Tgt Ion:276 Resp: 9873
Ion Ratio Lower Upper
276 100
138 28.4 22.6 34.0
277 25.0 20.2 30.2

