

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020967.D
 Acq On : 03 Aug 2022 06:38
 Operator : CG/JU
 Sample : PB146670BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS670

Quant Time: Aug 03 07:08:48 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)

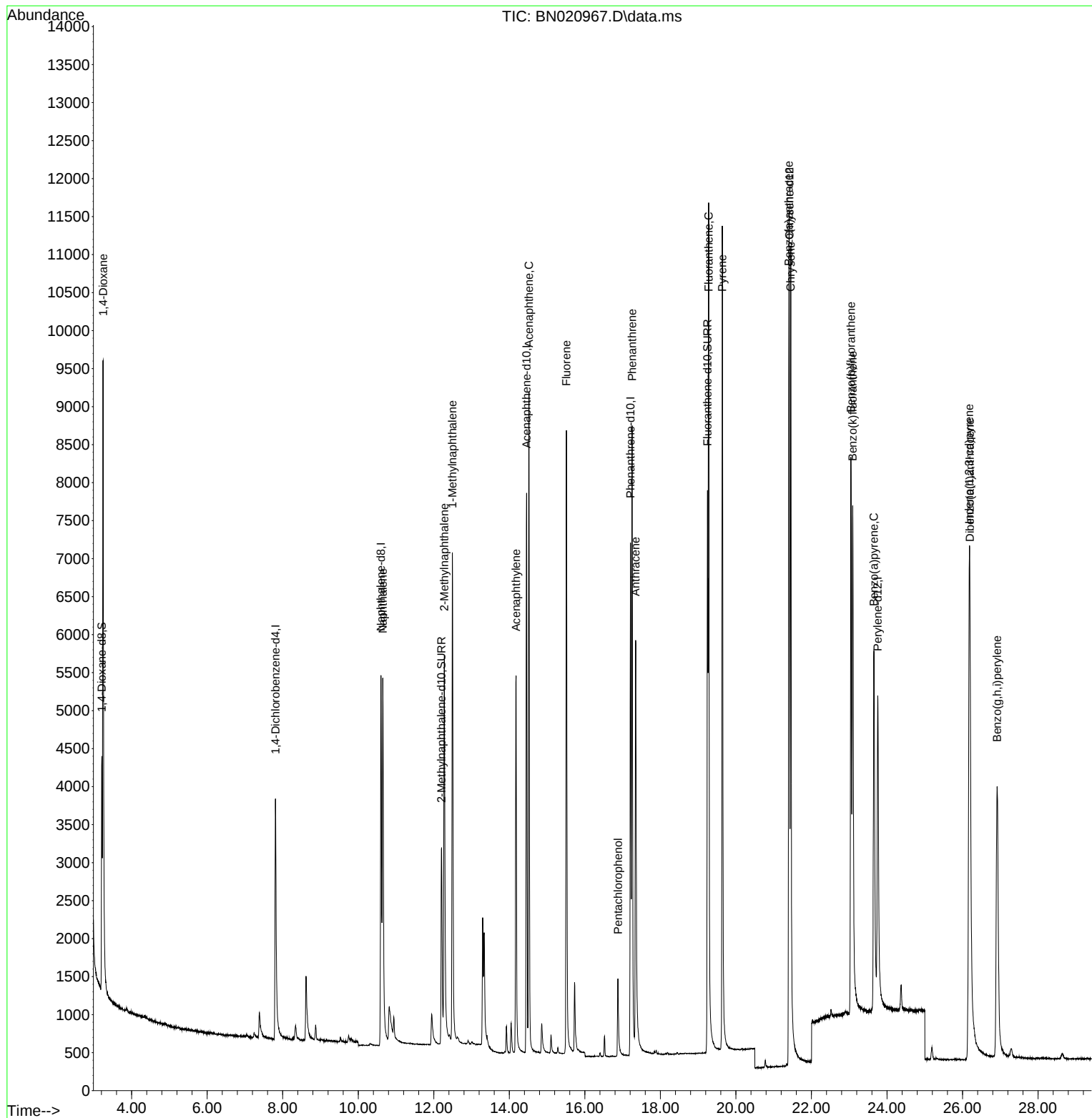
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7960	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	8574	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	7367	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	6522	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2105	0.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	4327	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	9013	0.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	5619	1.771	ng/ul#	86
5) Naphthalene	10.651	128	7971	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.279	142	4726	0.357	ng/ul	100
8) 1-Methylnaphthalene	12.494	142	5134	0.351	ng/ul	99
10) Acenaphthylene	14.179	152	6670	0.372	ng/ul	99
11) Acenaphthene	14.521	153	5493	0.366	ng/ul	98
12) Fluorene	15.511	166	6084	0.352	ng/ul	100
14) Pentachlorophenol	16.876	266	924	0.675	ng/ul	98
15) Phenanthrene	17.252	178	9846	0.339	ng/ul	100
16) Anthracene	17.345	178	7968	0.319	ng/ul	100
19) Fluoranthene	19.277	202	10879	0.329	ng/ul	100
20) Pyrene	19.640	202	11168	0.322	ng/ul	98
21) Benzo(a)anthracene	21.401	228	8463	0.316	ng/ul	100
22) Chrysene	21.453	228	10666	0.322	ng/ul	100
24) Benzo(b)fluoranthene	23.046	252	10219	0.328	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	10498	0.311	ng/ul	99
26) Benzo(a)pyrene	23.654	252	9429	0.321	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.179	276	10475	0.303	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.196	278	8397	0.297	ng/ul	97
29) Benzo(g,h,i)perylene	26.917	276	9167	0.292	ng/ul	100

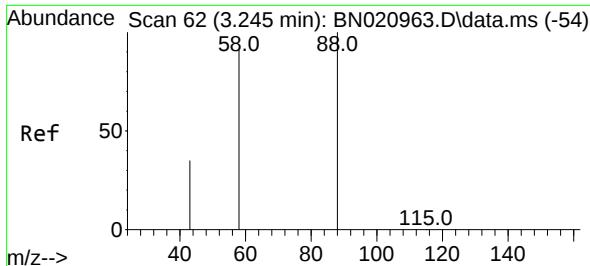
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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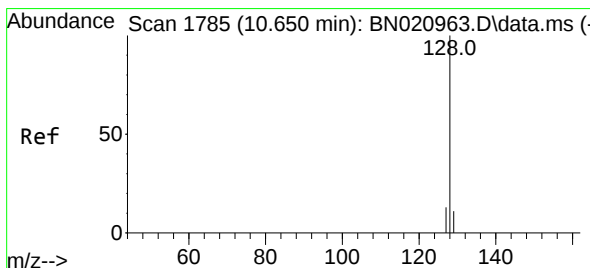
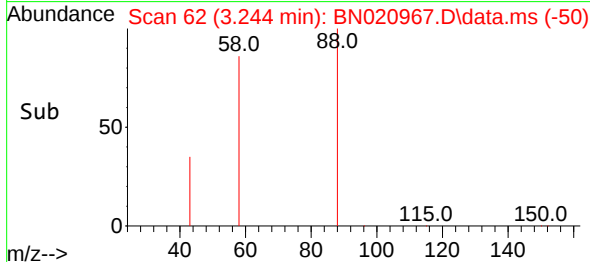
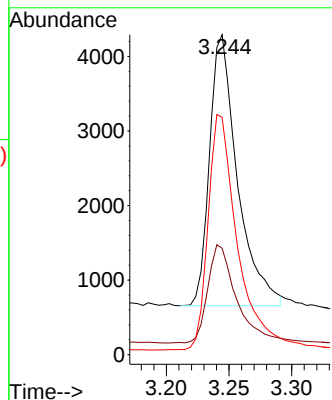
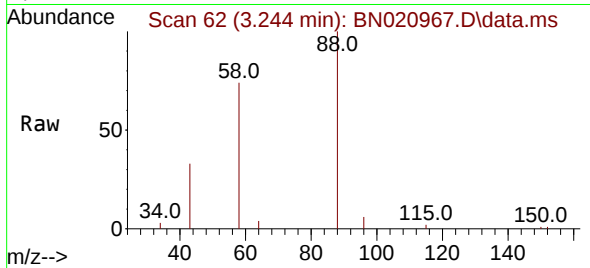




#2
 1,4-Dioxane
 Concen: 1.771 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020967.D
 Acq: 03 Aug 2022 06:38

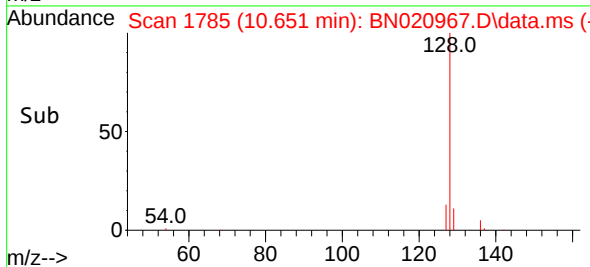
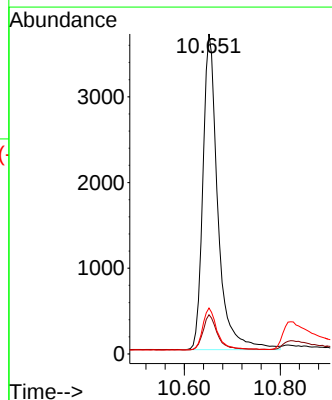
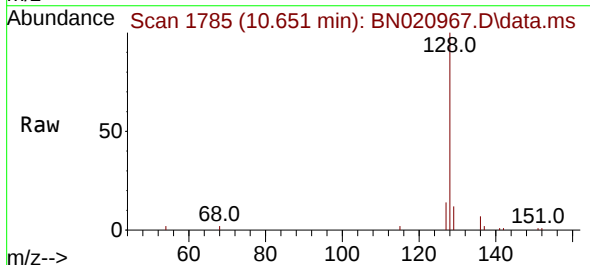
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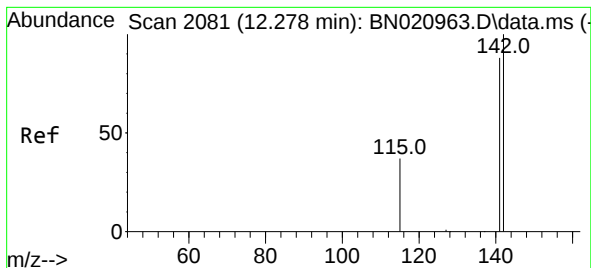
Tgt Ion: 88 Resp: 5619
 Ion Ratio Lower Upper
 88 100
 43 33.3 31.4 47.0
 58 74.1 49.0 73.6#



#5
 Naphthalene
 Concen: 0.366 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. -0.005 min
 Lab File: BN020967.D
 Acq: 03 Aug 2022 06:38

Tgt Ion: 128 Resp: 7971
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.8 14.6
 127 14.3 11.6 17.4

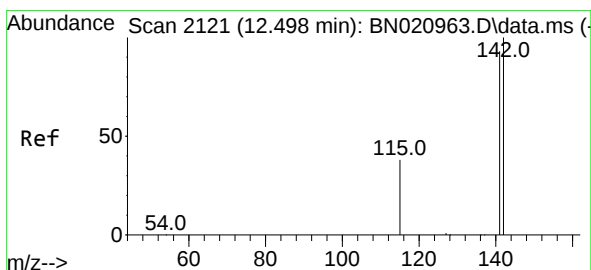
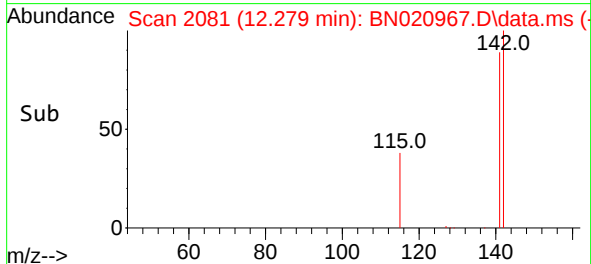
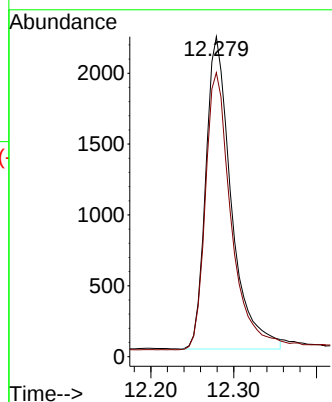
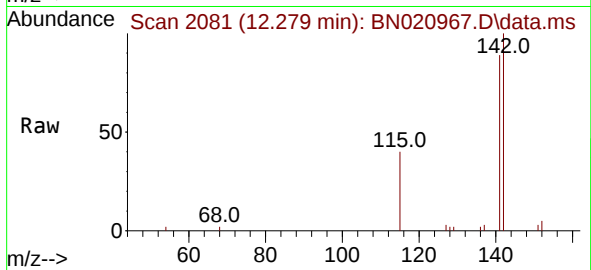




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

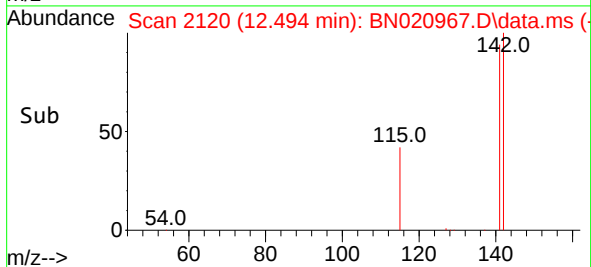
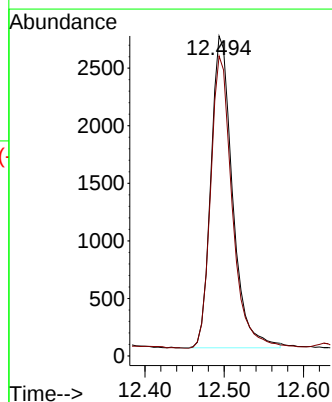
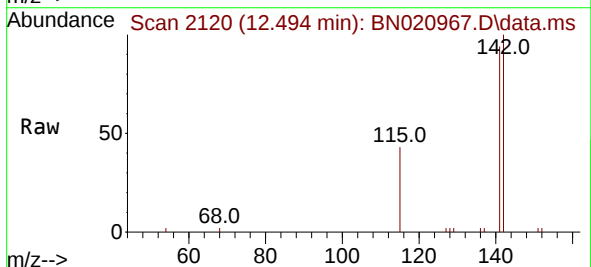
Instrument :
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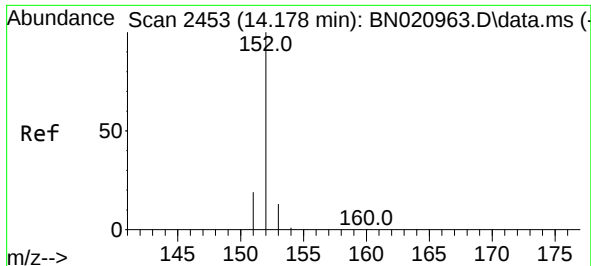
Tgt Ion:142 Resp: 4726
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:142 Resp: 5134
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9

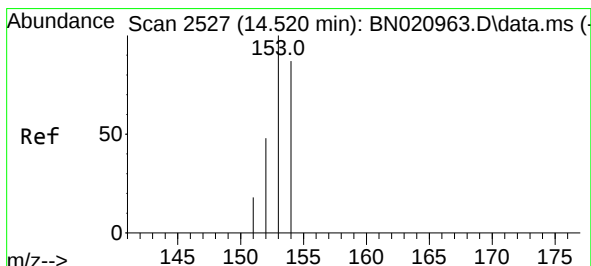
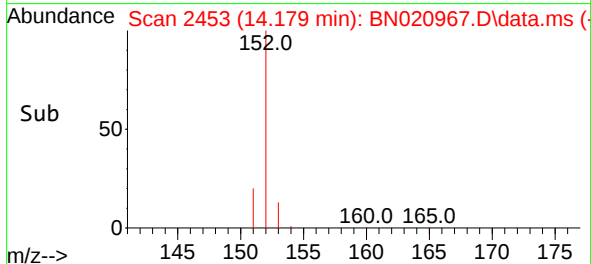
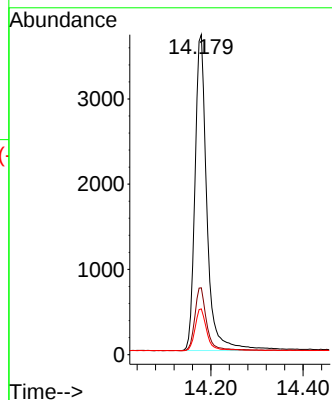
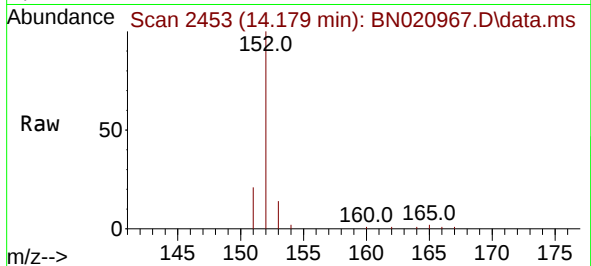




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

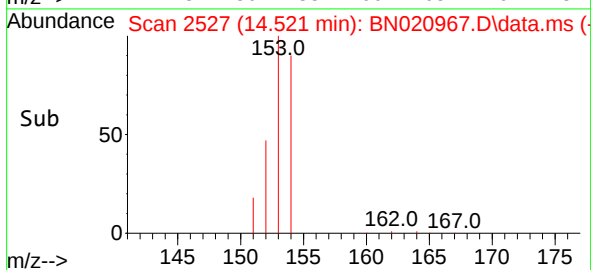
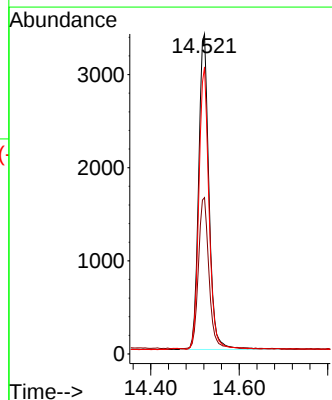
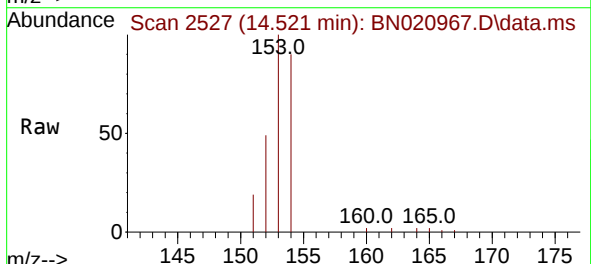
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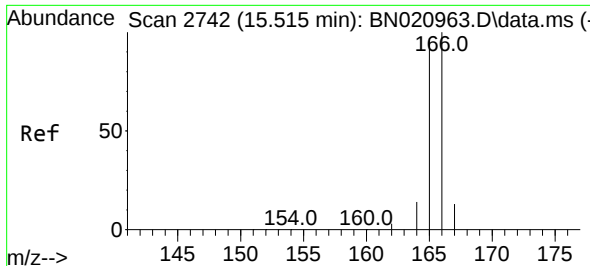
Tgt Ion:152 Resp: 6670
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.3 11.2 16.8



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:153 Resp: 5493
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 89.7 70.7 106.1

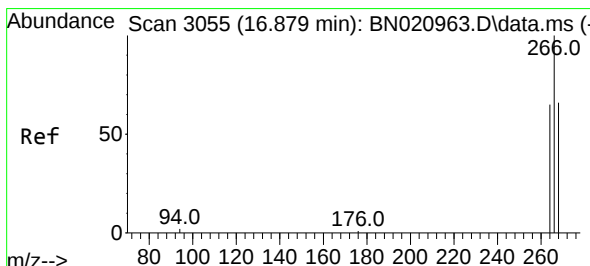
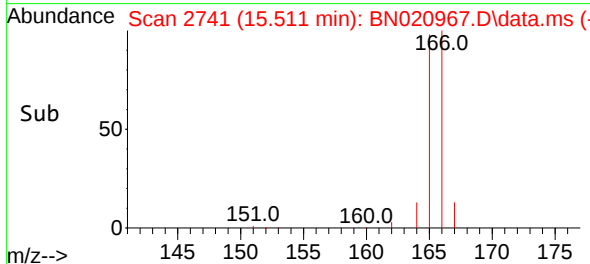
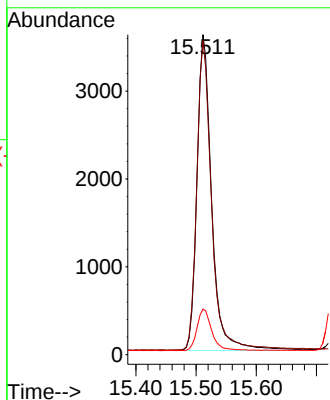
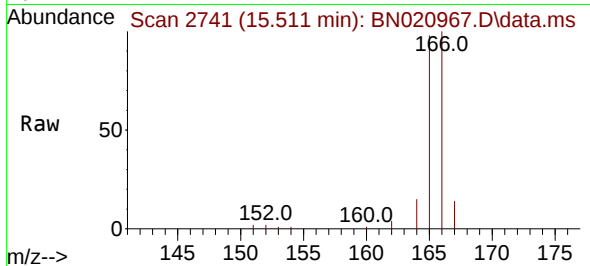




#12
 Fluorene
 Concen: 0.352 ng/ul
 RT: 15.511 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN020967.D
 Acq: 03 Aug 2022 06:38

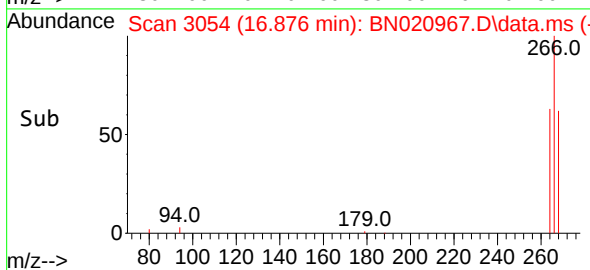
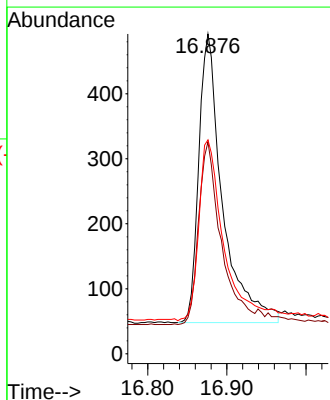
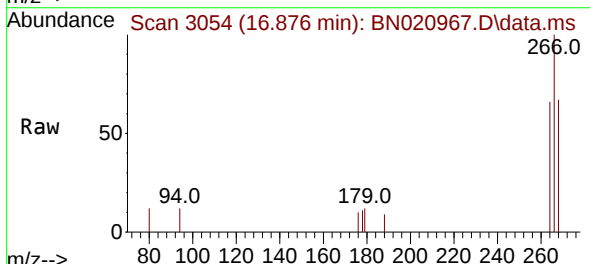
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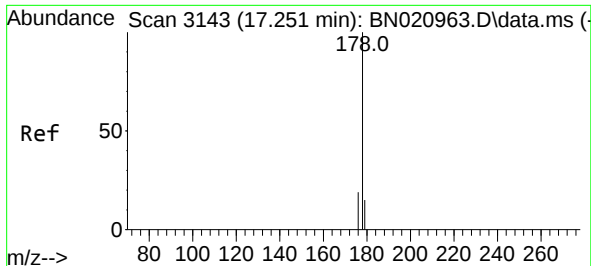
Tgt Ion:166 Resp: 6084
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.6 117.8
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.675 ng/ul
 RT: 16.876 min Scan# 3054
 Delta R.T. -0.008 min
 Lab File: BN020967.D
 Acq: 03 Aug 2022 06:38

Tgt Ion:266 Resp: 924
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.8 74.8
 268 65.9 50.6 75.8

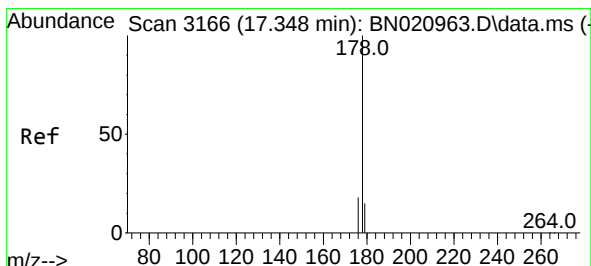
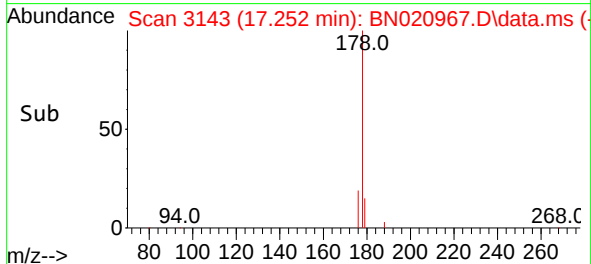
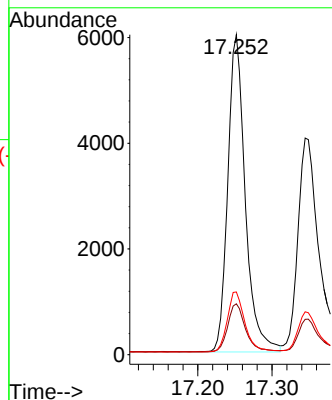
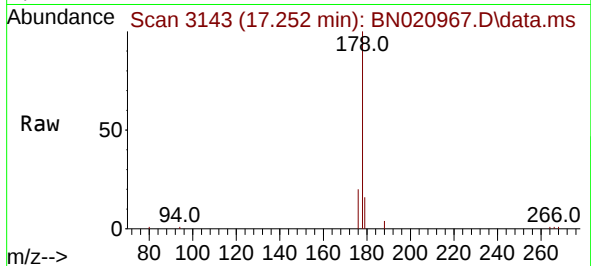




#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

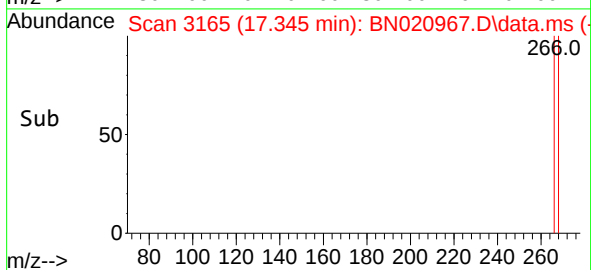
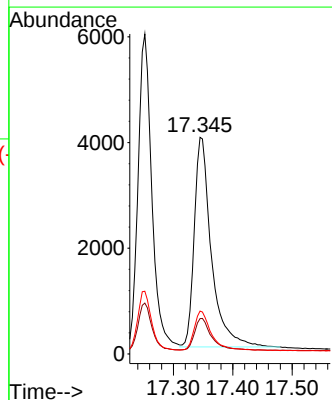
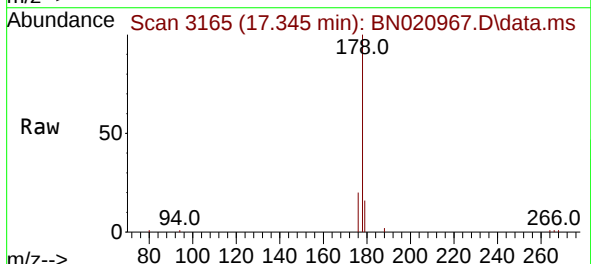
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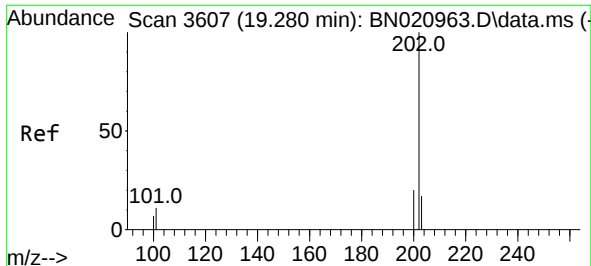
Tgt Ion:	178	Resp:	9846
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.8	19.2
176	19.6	15.9	23.9



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:	178	Resp:	7968
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.9	19.3
176	19.8	15.9	23.9

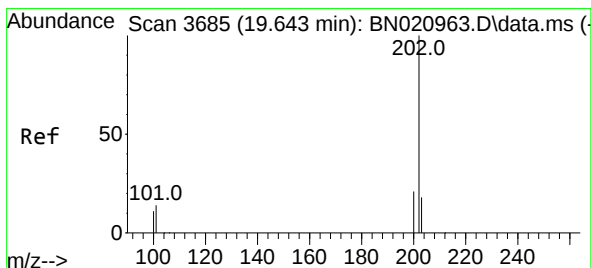
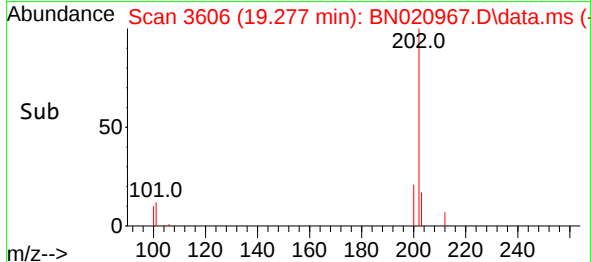
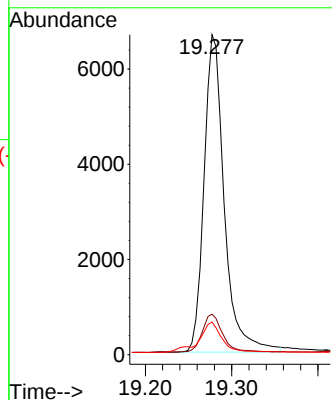
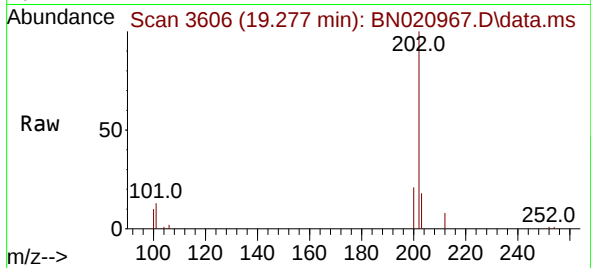




#19
Fluoranthene
Concen: 0.329 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

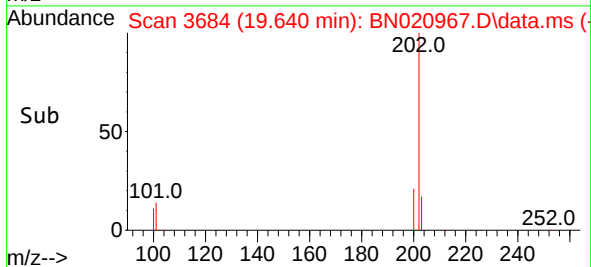
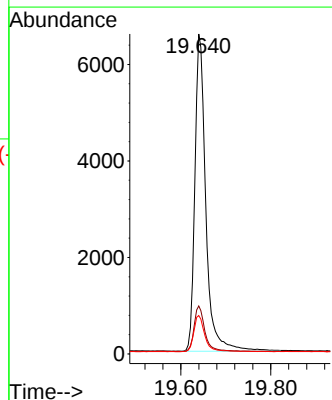
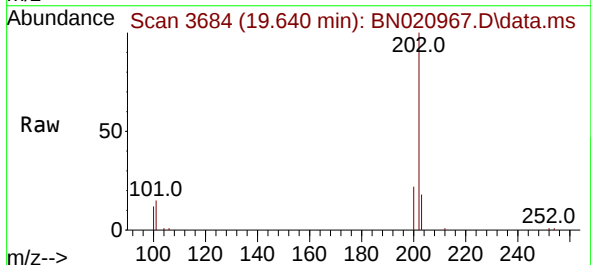
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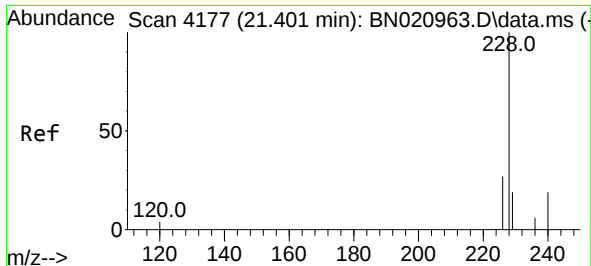
Tgt Ion:202 Resp: 10879
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.322 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.009 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:202 Resp: 11168
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.0 9.0 13.4

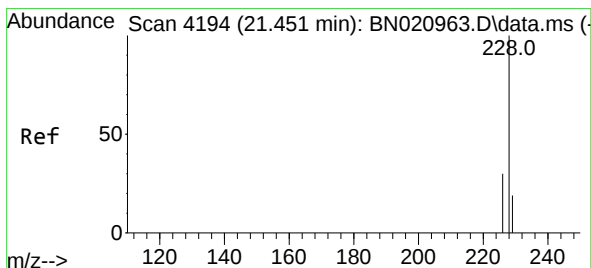
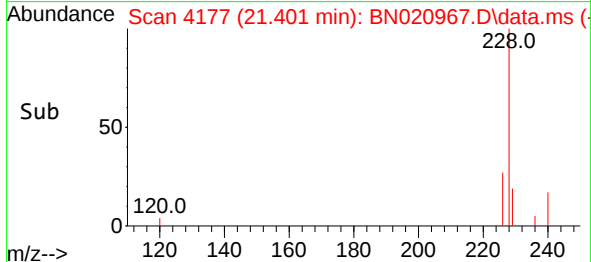
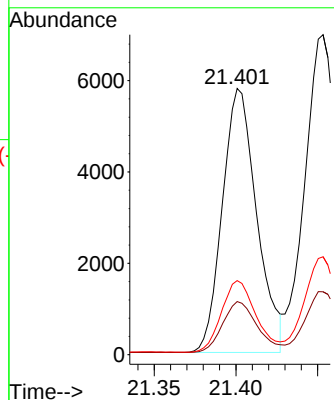
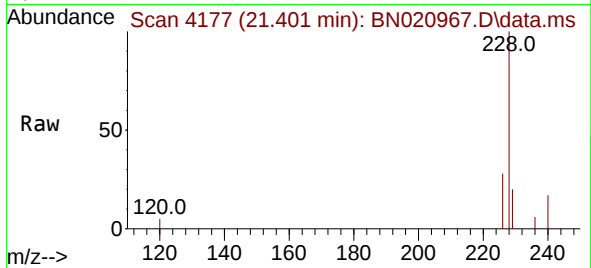




#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

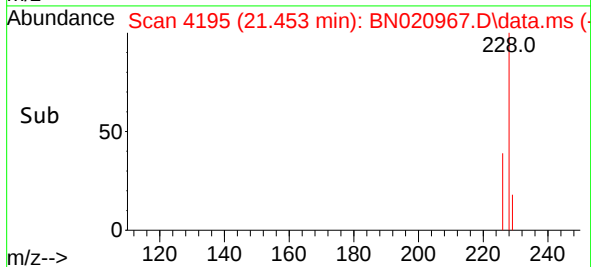
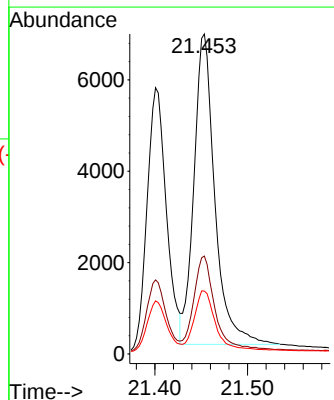
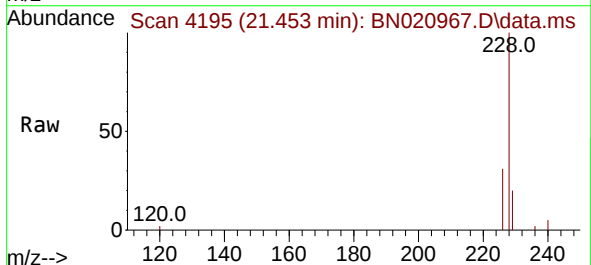
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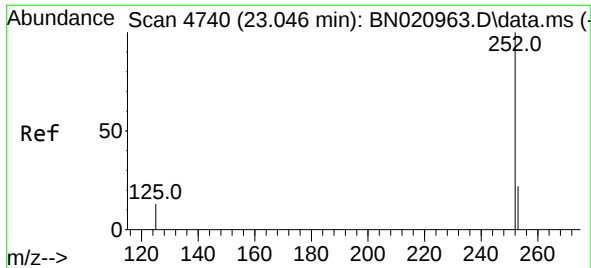
Tgt Ion:	228	Resp:	8463
Ion Ratio	Lower	Upper	
228	100		
229	20.0	16.0	24.0
226	27.8	21.9	32.9



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:	228	Resp:	10666
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	37.0
229	19.7	15.8	23.8

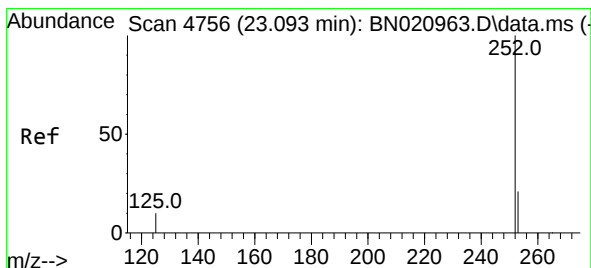
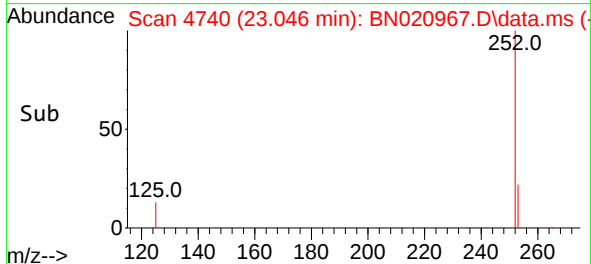
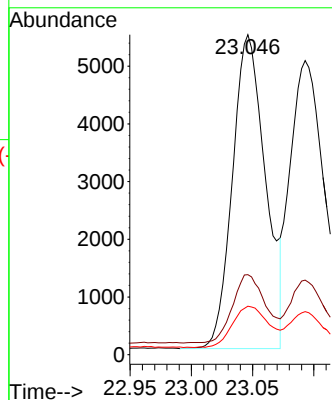
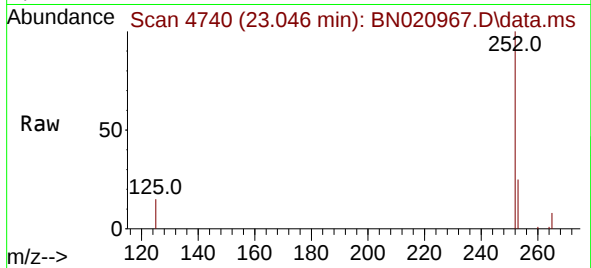




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.046 min Scan# 4740
Delta R.T. -0.009 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

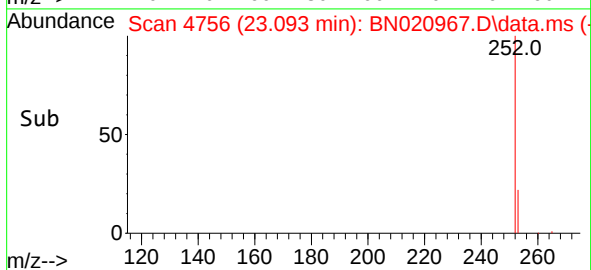
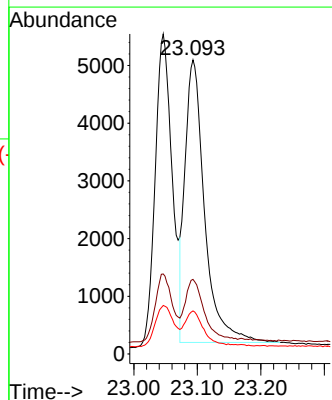
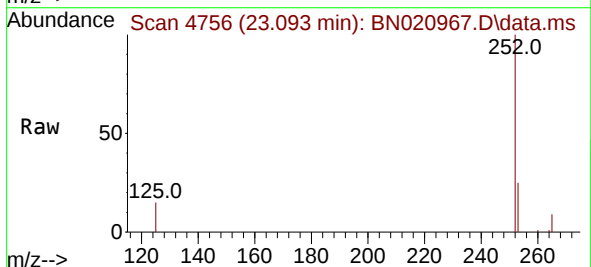
Instrument :
BNA_N
ClientSampleId :
SLCS670

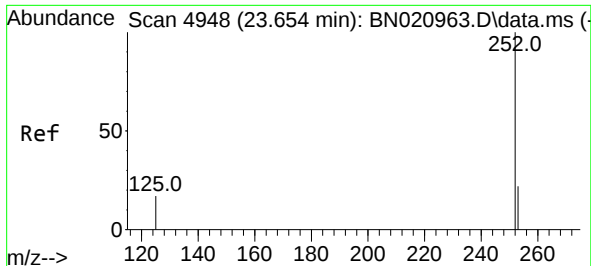
Tgt Ion:	252	Resp:	10219
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	50.8
125	15.1	0.0	30.0



#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

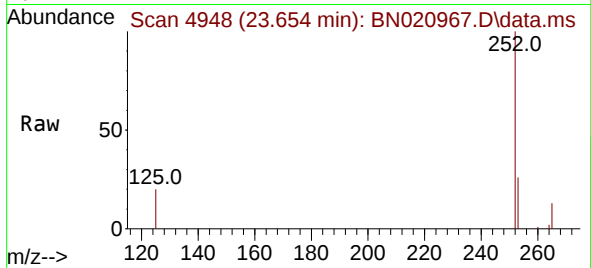
Tgt Ion:	252	Resp:	10498
Ion Ratio	Lower	Upper	
252	100		
253	25.3	20.6	31.0
125	14.7	11.8	17.6



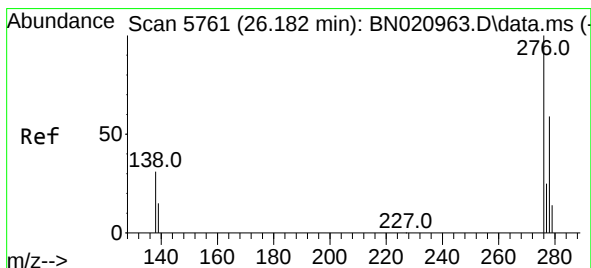
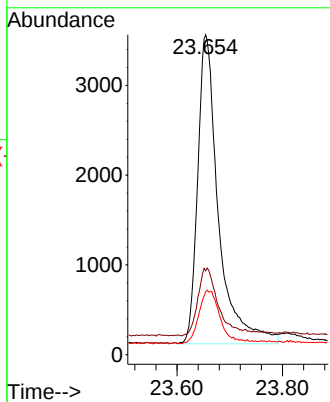
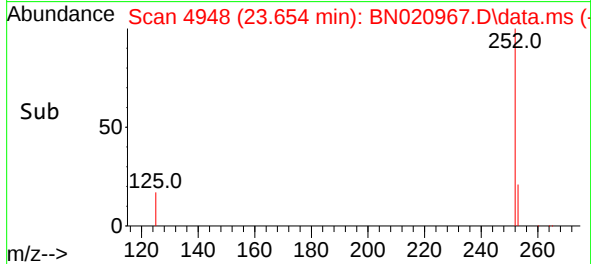


#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.654 min Scan# 4948
Delta R.T. -0.009 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

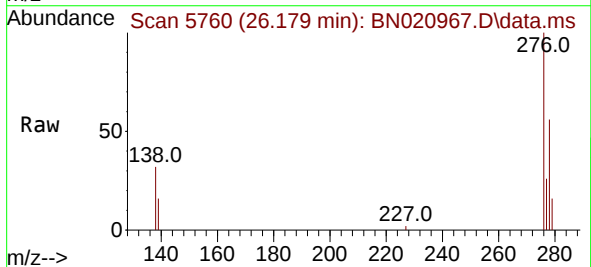
Instrument :
BNA_N
ClientSampleId :
SLCS670



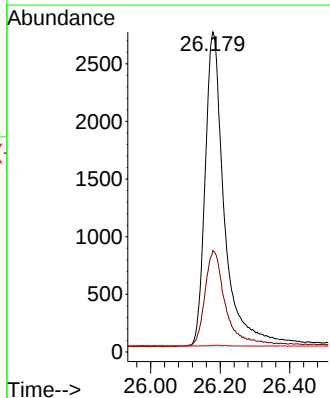
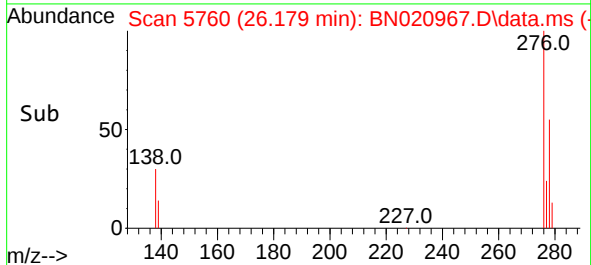
Tgt Ion:252 Resp: 9429
Ion Ratio Lower Upper
252 100
253 26.2 22.1 33.1
125 19.7 14.7 22.1

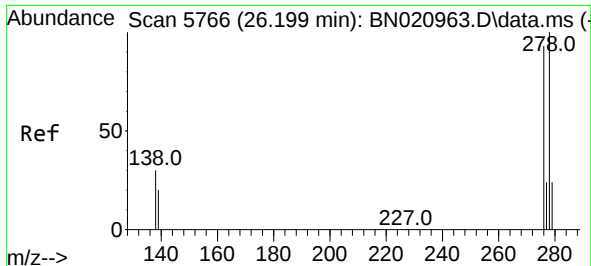


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.010 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38



Tgt Ion:276 Resp: 10475
Ion Ratio Lower Upper
276 100
138 32.5 26.1 39.1
227 0.2 0.1 0.1#

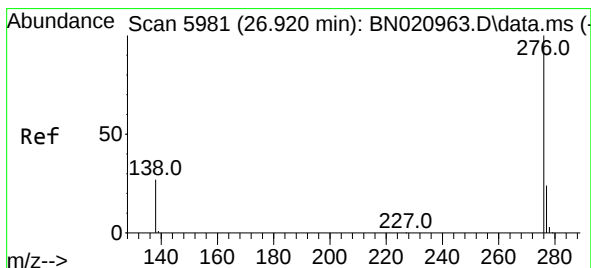
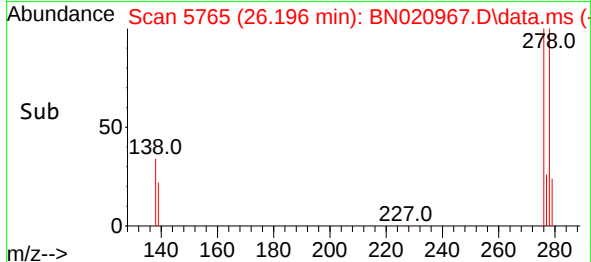
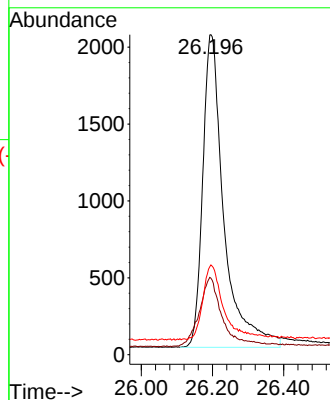
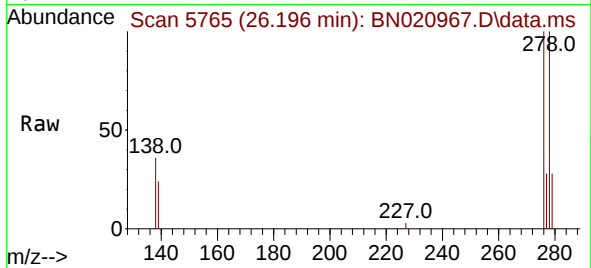




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Instrument :
BNA_N
ClientSampleId :
SLCS670

Tgt Ion:278 Resp: 8397
Ion Ratio Lower Upper
278 100
139 23.9 18.3 27.5
279 28.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.017 min
Lab File: BN020967.D
Acq: 03 Aug 2022 06:38

Tgt Ion:276 Resp: 9167
Ion Ratio Lower Upper
276 100
138 28.5 22.6 34.0
277 25.2 20.2 30.2

