

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020971.D
 Acq On : 03 Aug 2022 10:08
 Operator : CG/JU
 Sample : PB146572BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS572

Quant Time: Aug 03 13:41:55 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)

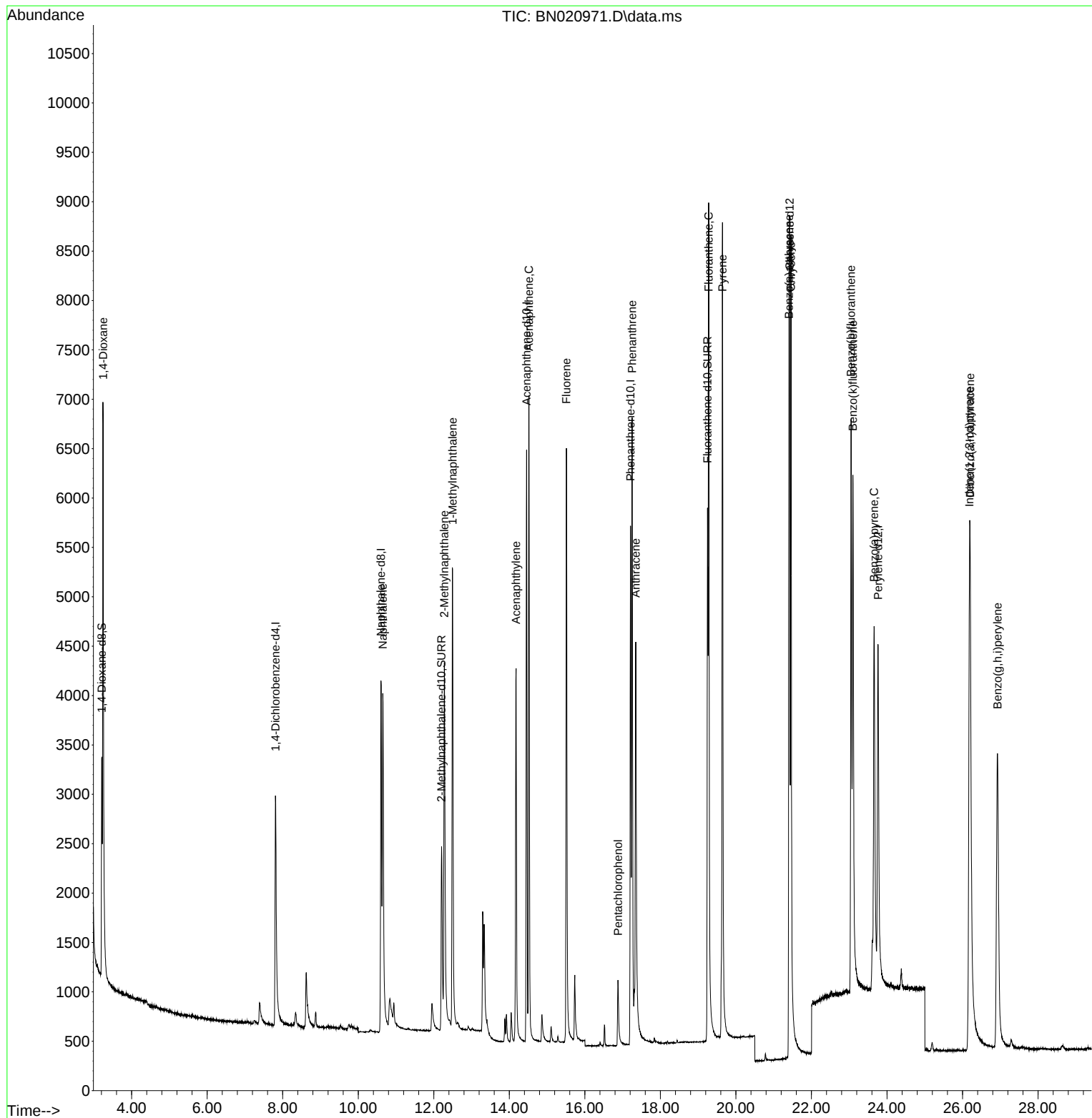
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	6261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	3526	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	6949	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	6115	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	5520	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1583	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	3252	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	6887	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	4076	1.590	ng/ul#	86
5) Naphthalene	10.651	128	5980	0.349	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	3607	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	3931	0.342	ng/ul	99
10) Acenaphthylene	14.179	152	5167	0.358	ng/ul	99
11) Acenaphthene	14.521	153	4271	0.355	ng/ul	99
12) Fluorene	15.511	166	4656	0.336	ng/ul	98
14) Pentachlorophenol	16.876	266	663	0.598	ng/ul	99
15) Phenanthrene	17.252	178	7590	0.322	ng/ul	100
16) Anthracene	17.349	178	6121	0.302	ng/ul	99
19) Fluoranthene	19.277	202	8467	0.308	ng/ul	98
20) Pyrene	19.644	202	8772	0.305	ng/ul	98
21) Benzo(a)anthracene	21.404	228	6502	0.293	ng/ul	99
22) Chrysene	21.456	228	8418	0.307	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	8005	0.304	ng/ul	100
25) Benzo(k)fluoranthene	23.096	252	8571	0.300	ng/ul	99
26) Benzo(a)pyrene	23.660	252	7405	0.298	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.186	276	8749	0.299	ng/ul	100
28) Dibenzo(a,h)anthracene	26.202	278	7012	0.293	ng/ul	98
29) Benzo(g,h,i)perylene	26.927	276	7954	0.299	ng/ul	96

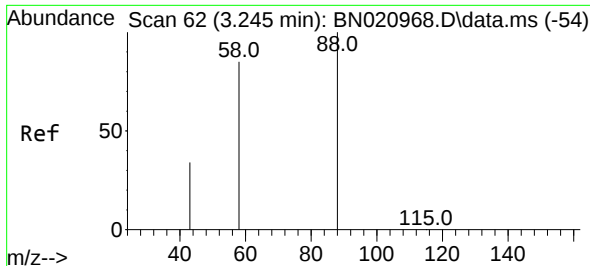
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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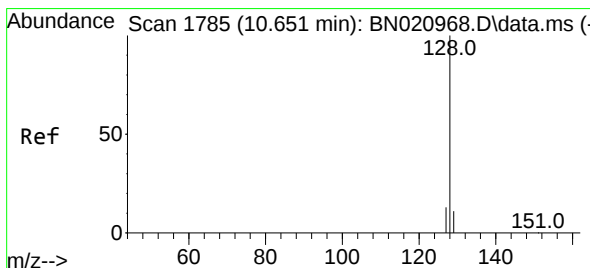
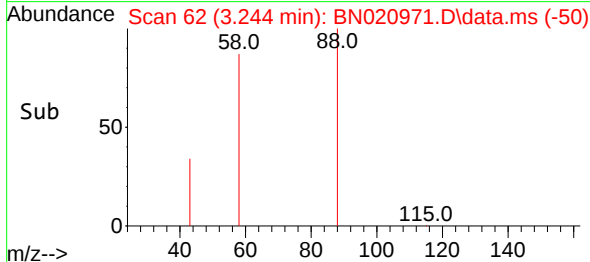
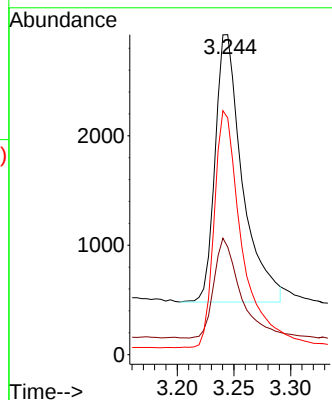
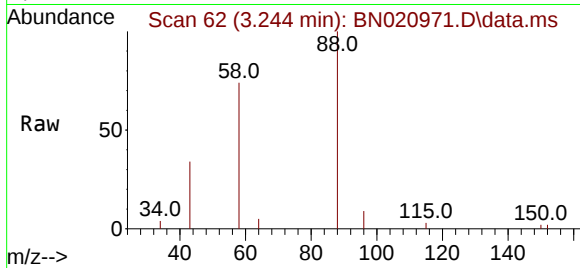




#2
1,4-Dioxane
Concen: 1.590 ng/ul
RT: 3.244 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

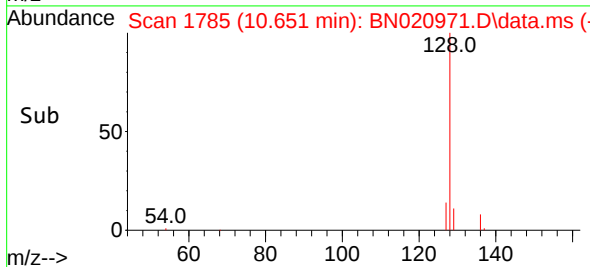
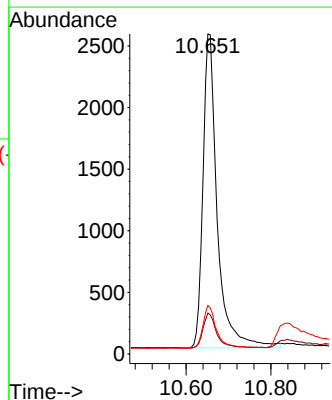
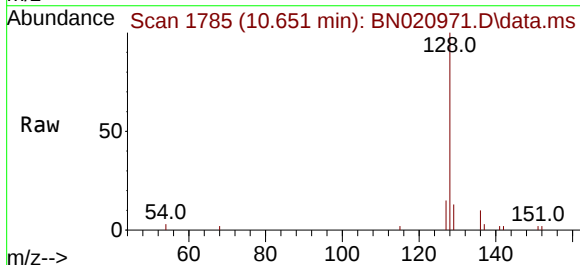
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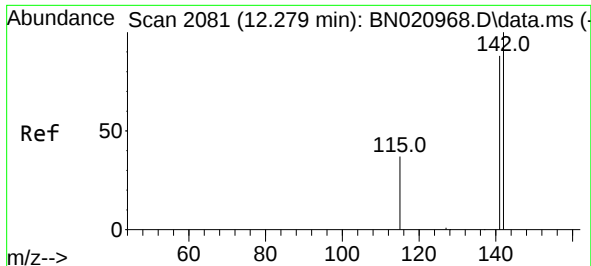
Tgt Ion: 88 Resp: 4076
Ion Ratio Lower Upper
88 100
43 33.7 31.4 47.0
58 74.0 49.0 73.6#



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:128 Resp: 5980
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 15.2 11.6 17.4

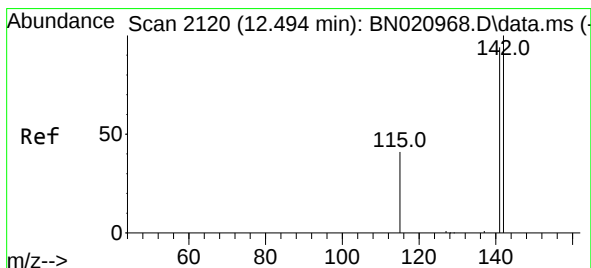
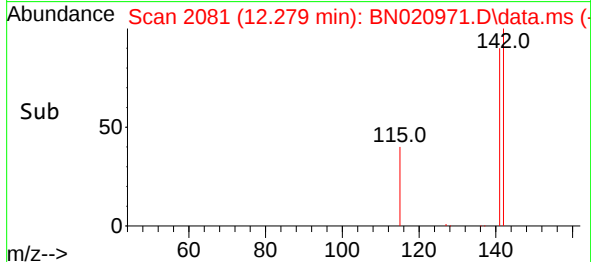
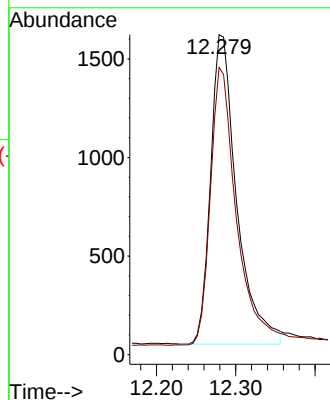
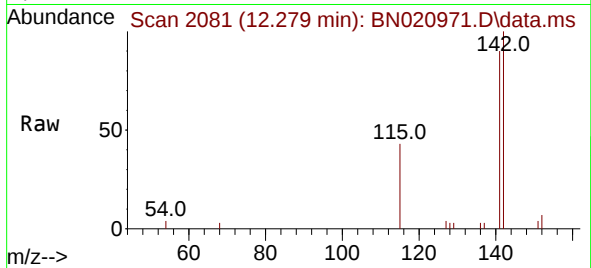




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

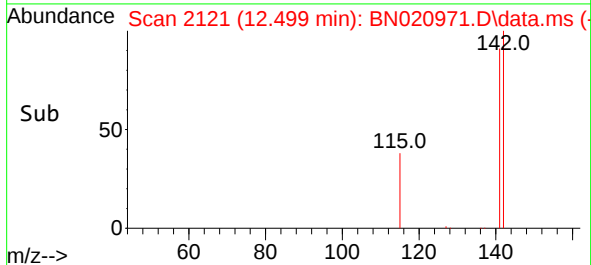
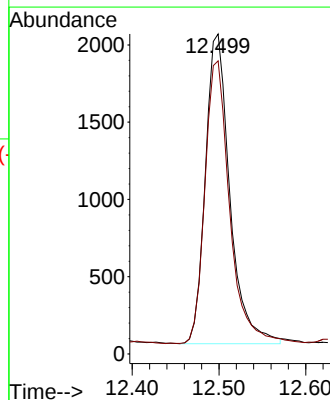
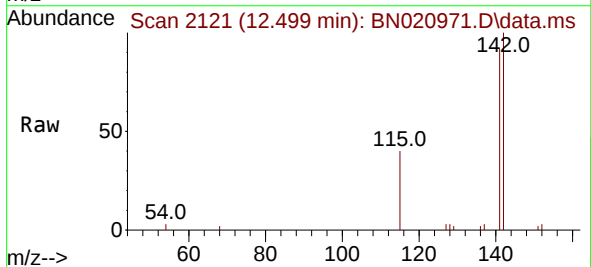
Instrument :
BNA_N
ClientSampleId :
SLCS572

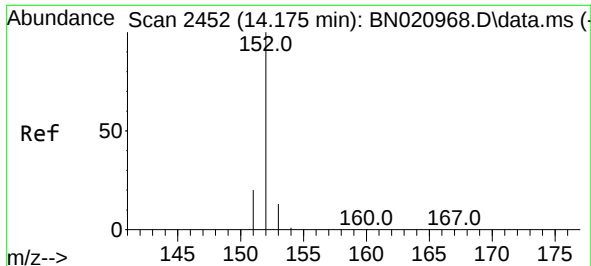
Tgt Ion:142 Resp: 3607
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:142 Resp: 3931
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9

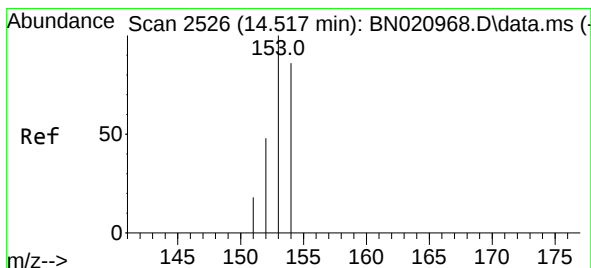
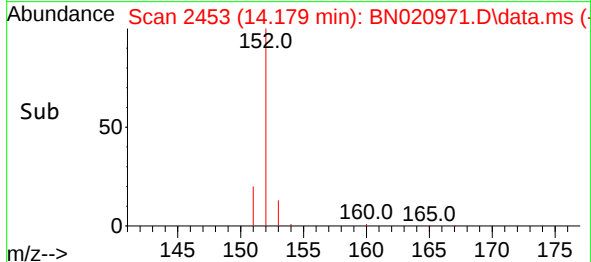
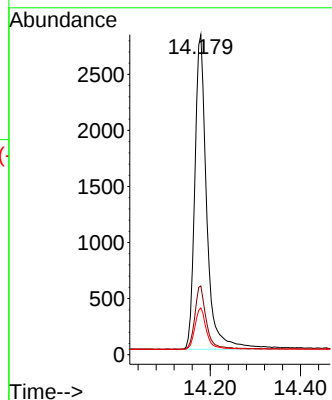
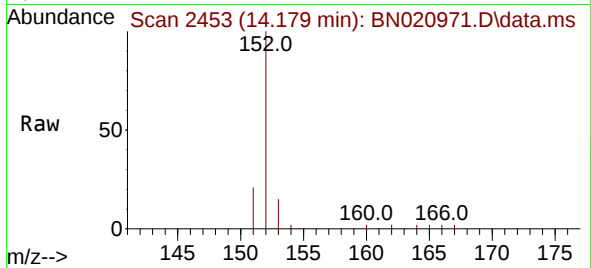




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.179 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

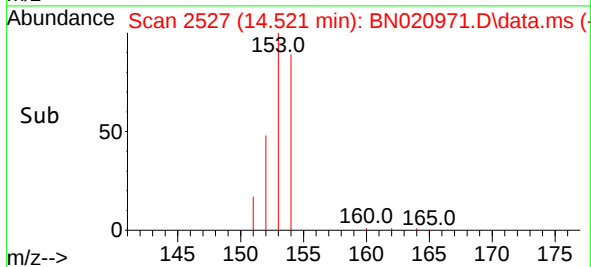
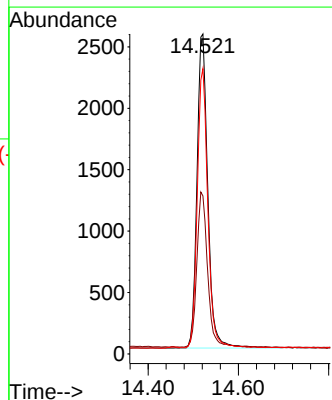
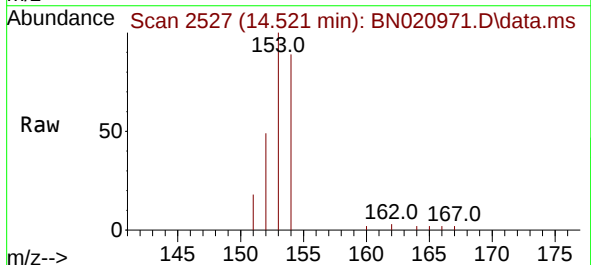
Instrument :
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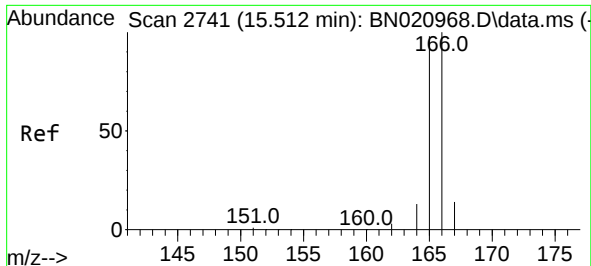
Tgt Ion:152 Resp: 5167
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.6 11.2 16.8



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:153 Resp: 4271
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 89.2 70.7 106.1

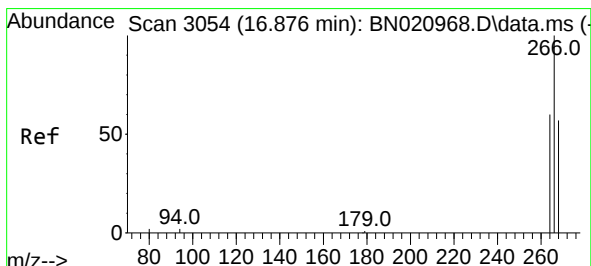
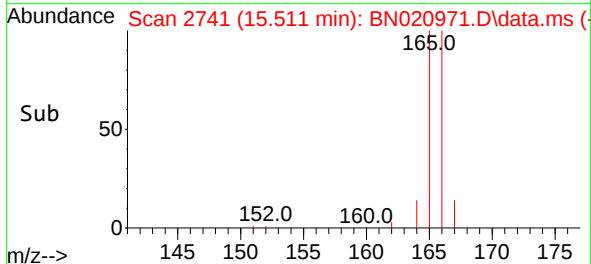
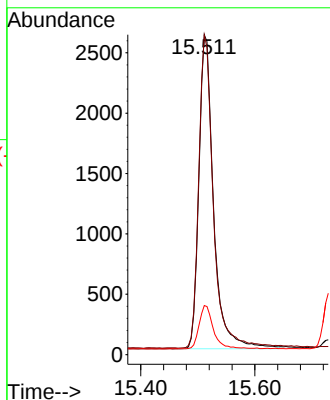
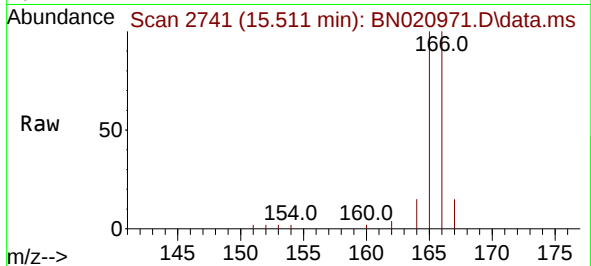




#12
 Fluorene
 Concen: 0.336 ng/ul
 RT: 15.511 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN020971.D
 Acq: 03 Aug 2022 10:08

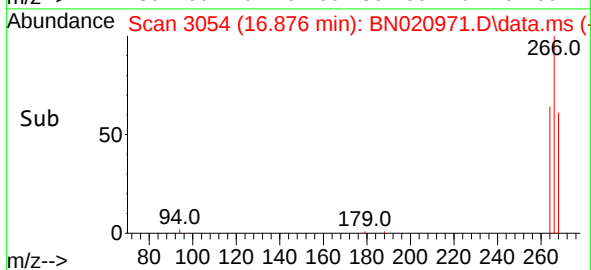
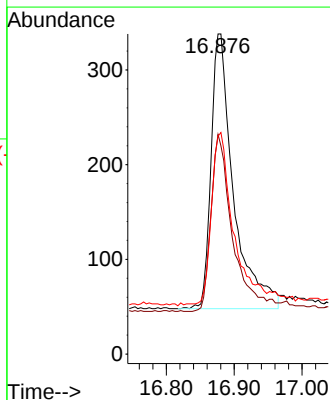
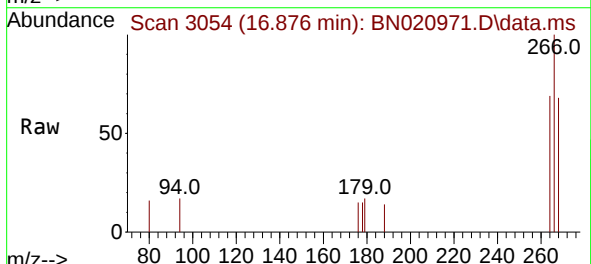
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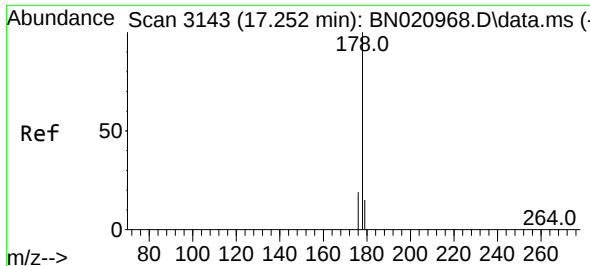
Tgt Ion:166 Resp: 4656
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.6 117.8
 167 15.4 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.598 ng/ul
 RT: 16.876 min Scan# 3054
 Delta R.T. -0.008 min
 Lab File: BN020971.D
 Acq: 03 Aug 2022 10:08

Tgt Ion:266 Resp: 663
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.8
 268 62.1 50.6 75.8

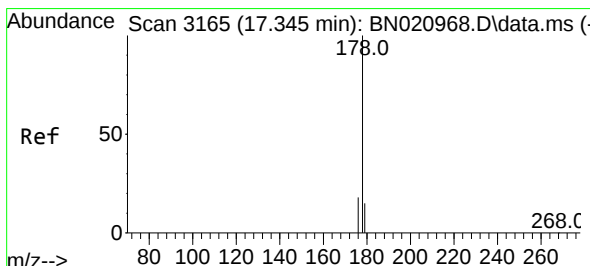
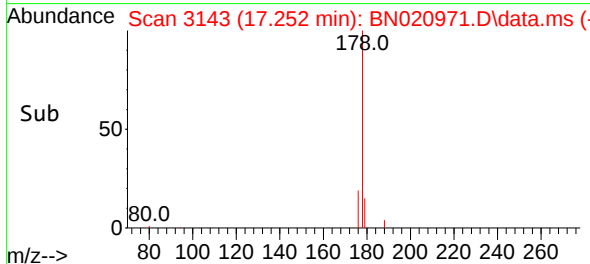
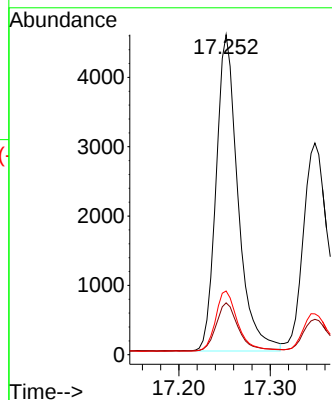
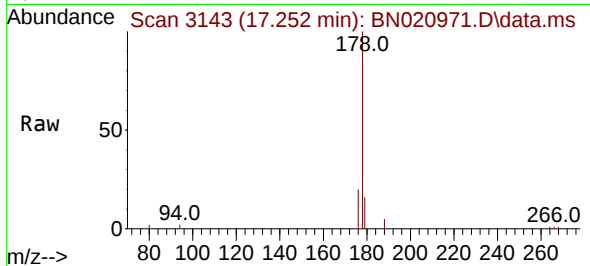




#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

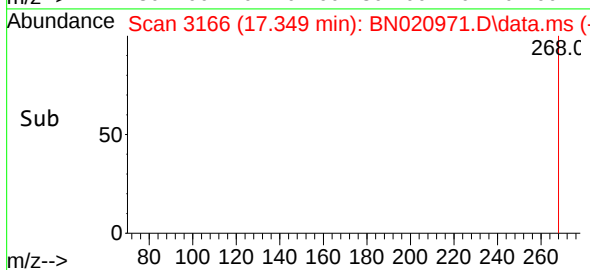
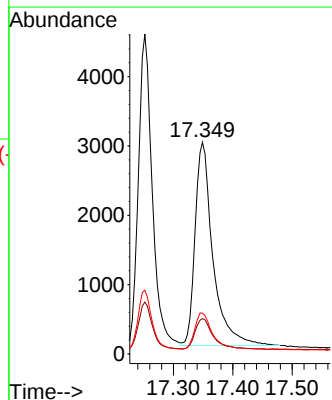
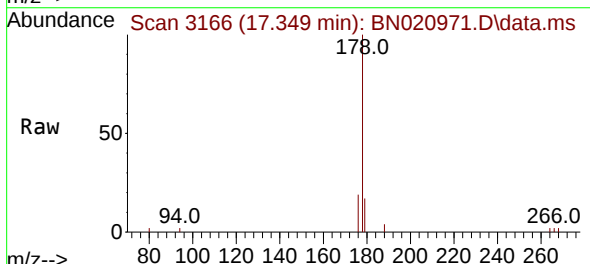
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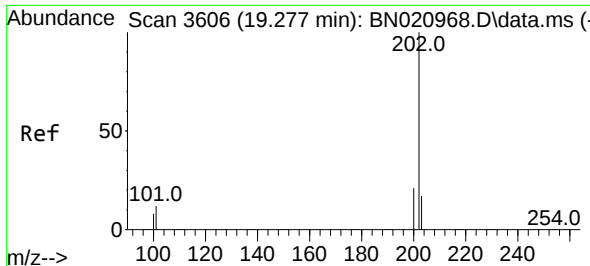
Tgt Ion:	178	Resp:	7590
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	19.9	15.9	23.9



#16
Anthracene
Concen: 0.302 ng/ul
RT: 17.349 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:	178	Resp:	6121
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.9	19.3
176	19.3	15.9	23.9

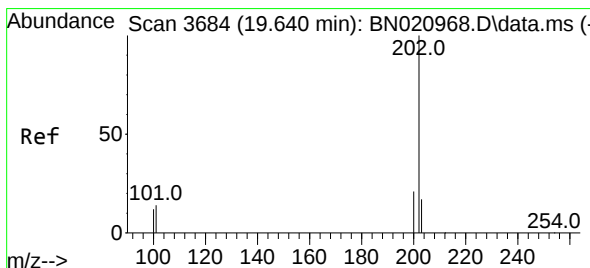
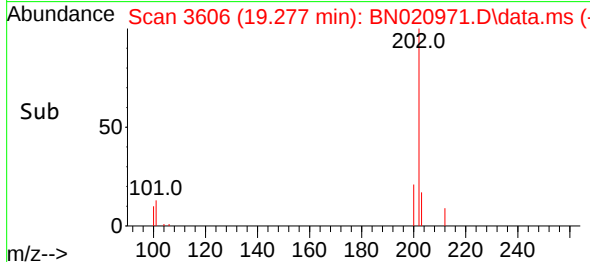
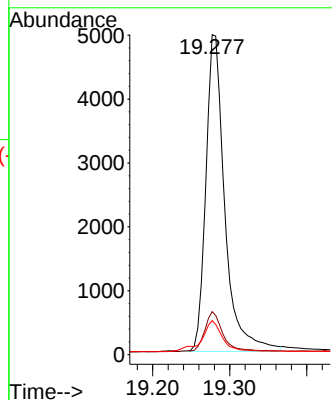
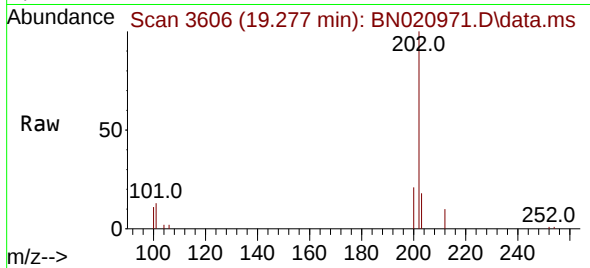




#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

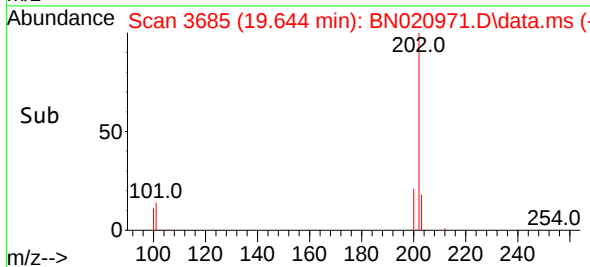
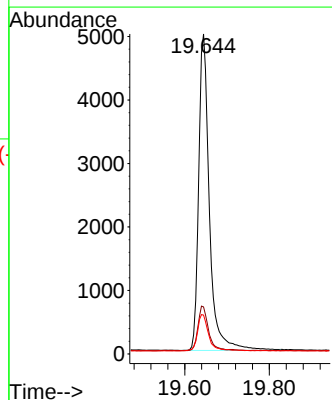
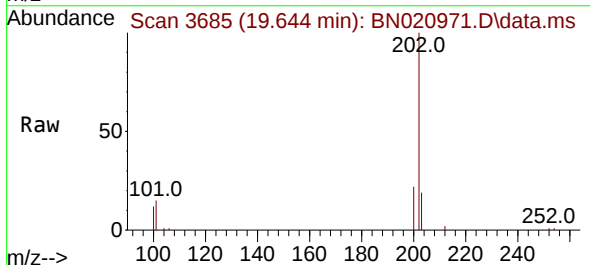
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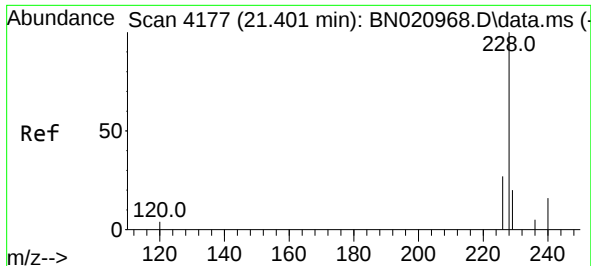
Tgt Ion:202 Resp: 8467
Ion Ratio Lower Upper
202 100
101 13.5 10.0 15.0
100 10.6 8.0 12.0



#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:202 Resp: 8772
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 12.2 9.0 13.4

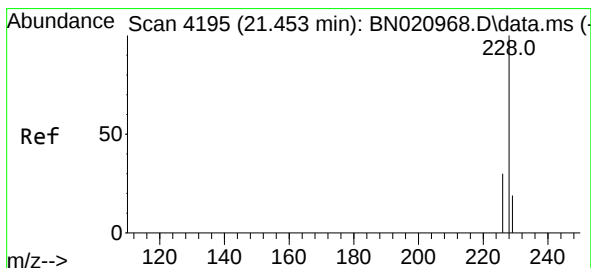
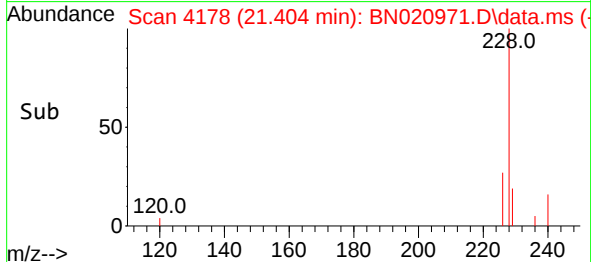
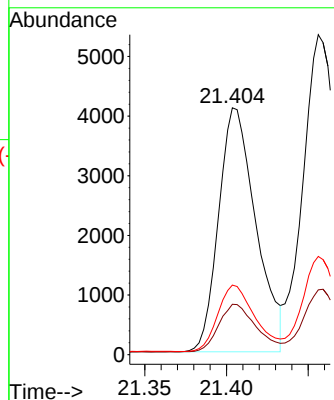
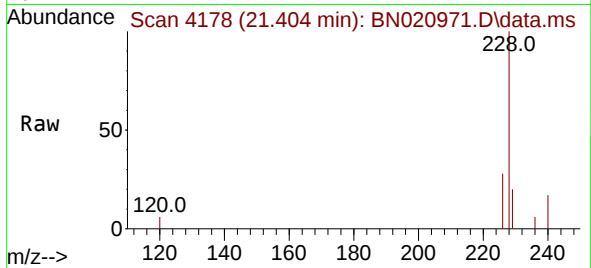




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.404 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

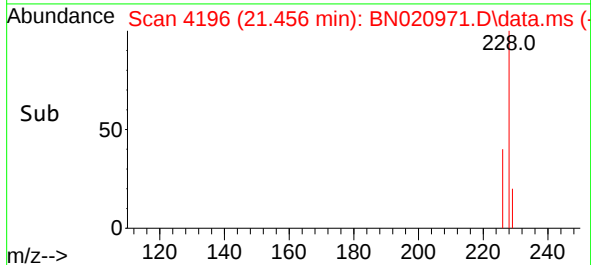
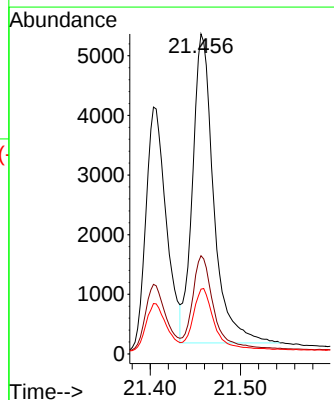
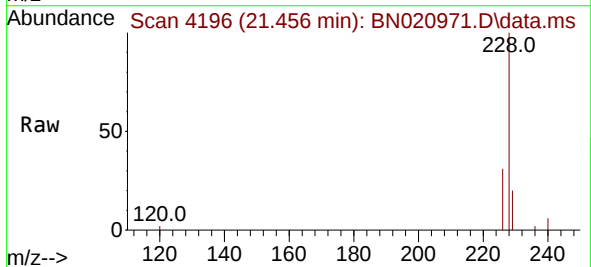
Instrument :
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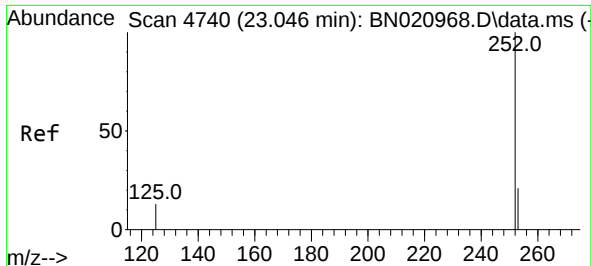
Tgt Ion:228 Resp: 6502
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:228 Resp: 8418
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.3 15.8 23.8

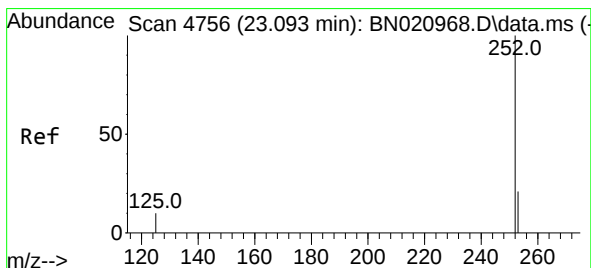
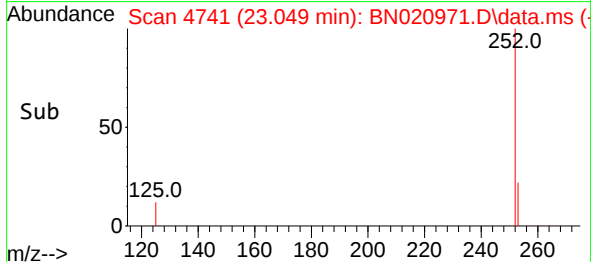
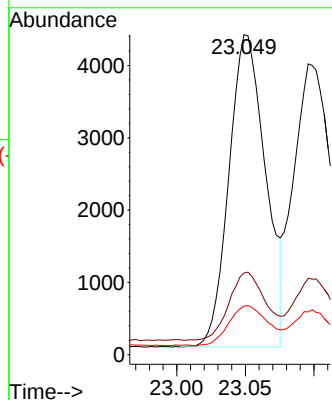
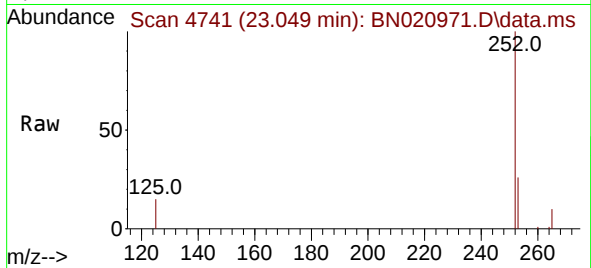




#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

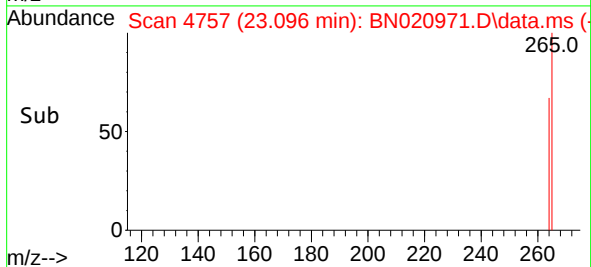
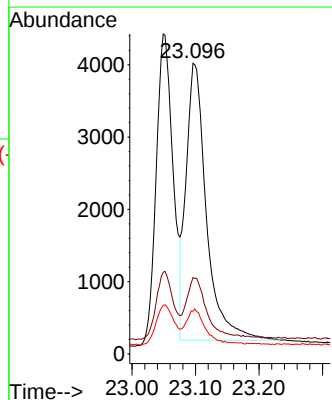
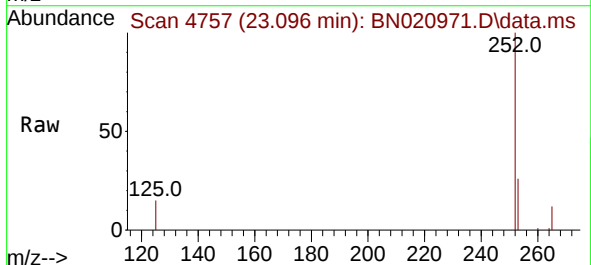
Instrument :
BNA_N
ClientSampleId :
SLCS572

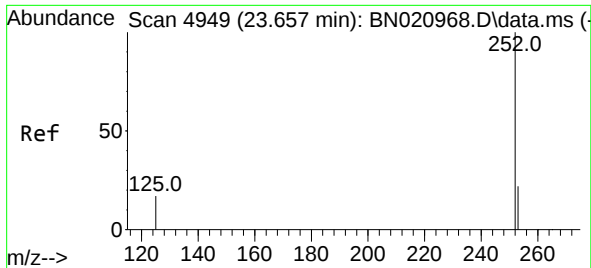
Tgt Ion:252 Resp: 8005
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.8
125 15.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:252 Resp: 8571
Ion Ratio Lower Upper
252 100
253 26.2 20.6 31.0
125 14.7 11.8 17.6

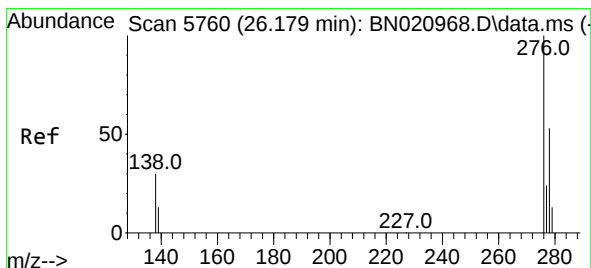
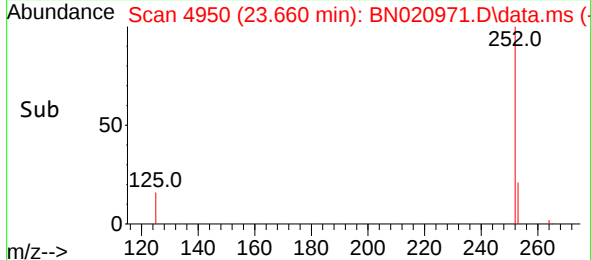
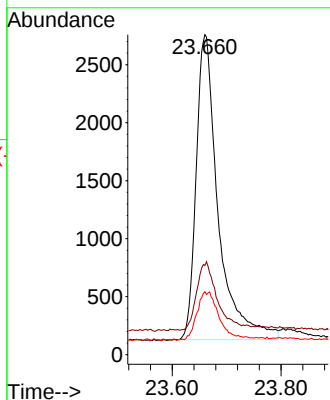
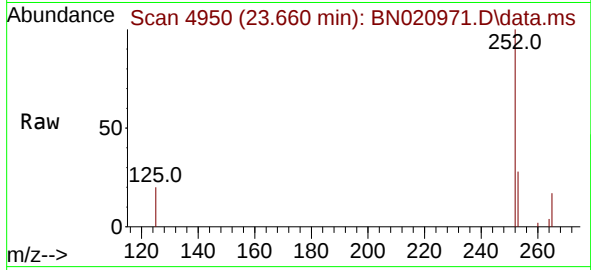




#26
Benzo(a)pyrene
Concen: 0.298 ng/ul
RT: 23.660 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

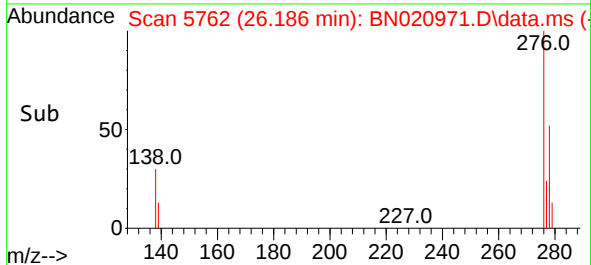
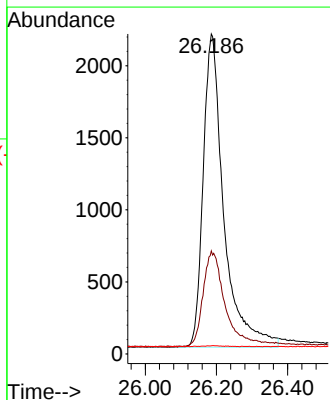
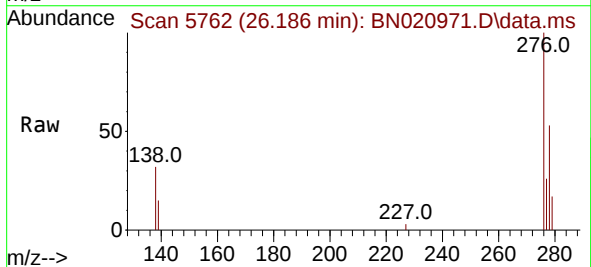
Instrument :
BNA_N
ClientSampleId :
SLCS572

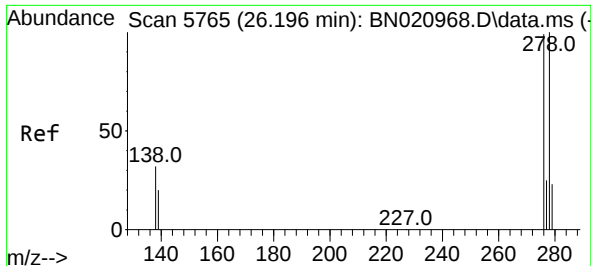
Tgt Ion:252 Resp: 7405
Ion Ratio Lower Upper
252 100
253 27.9 22.1 33.1
125 19.7 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.186 min Scan# 5762
Delta R.T. -0.003 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:276 Resp: 8749
Ion Ratio Lower Upper
276 100
138 32.9 26.1 39.1
227 0.1 0.1 0.1

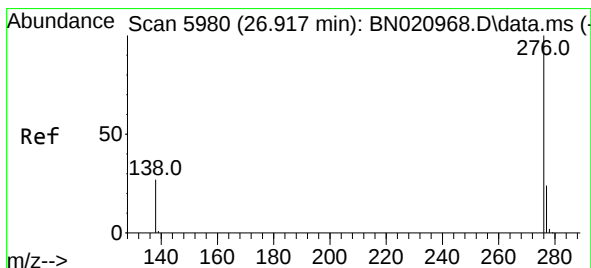
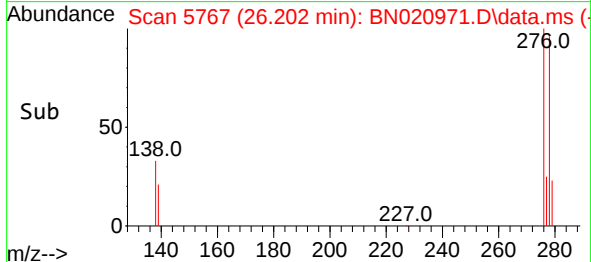
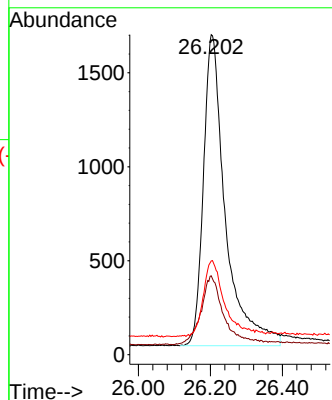
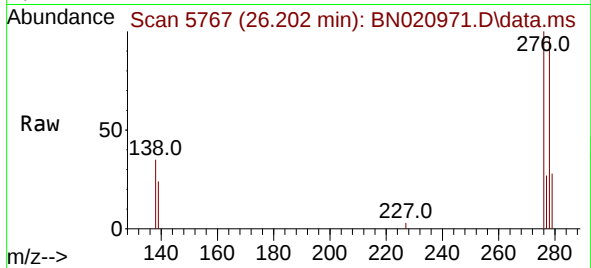




#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.202 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Instrument :
BNA_N
ClientSampleId :
SLCS572

Tgt Ion:278 Resp: 7012
Ion Ratio Lower Upper
278 100
139 24.7 18.3 27.5
279 29.3 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.299 ng/ul
RT: 26.927 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN020971.D
Acq: 03 Aug 2022 10:08

Tgt Ion:276 Resp: 7954
Ion Ratio Lower Upper
276 100
138 30.4 22.6 34.0
277 26.8 20.2 30.2

