

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021025.D
 Acq On : 05 Aug 2022 14:01
 Operator : CG/JU
 Sample : PB146568BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS568

Quant Time: Aug 06 00:27:59 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)

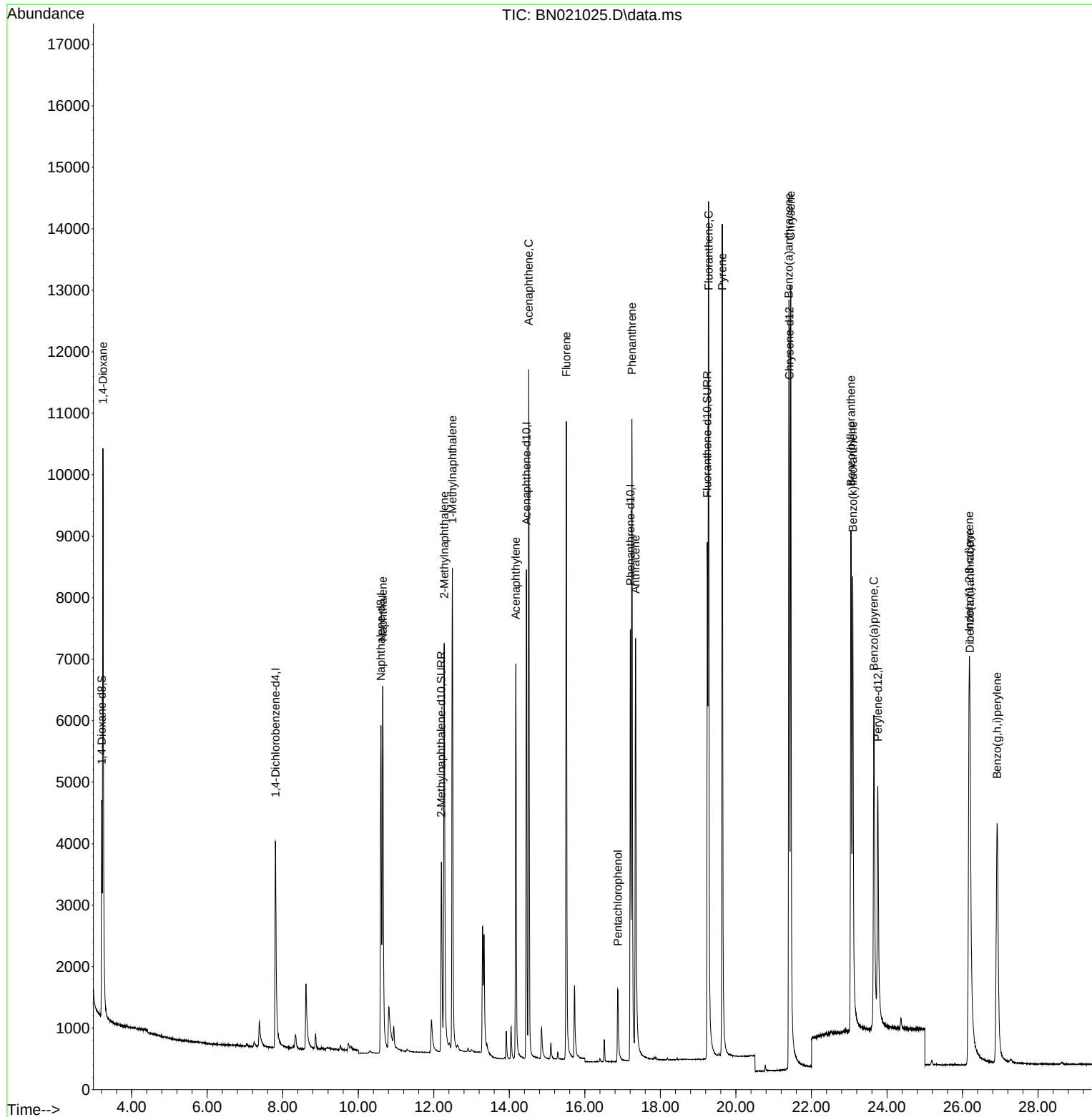
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2628	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	8497	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	4733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	9190	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	7593	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	6235	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2393	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4996	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	10441	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	6204	1.791	ng/ul#	83
5) Naphthalene	10.650	128	9826	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	5983	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	6176	0.390	ng/ul	100
10) Acenaphthylene	14.173	152	8348	0.377	ng/ul	100
11) Acenaphthene	14.515	153	6852	0.374	ng/ul	98
12) Fluorene	15.510	166	7582	0.379	ng/ul	100
14) Pentachlorophenol	16.875	266	1119	0.790	ng/ul	99
15) Phenanthrene	17.246	178	12341	0.375	ng/ul	100
16) Anthracene	17.343	178	10085	0.396	ng/ul	99
19) Fluoranthene	19.276	202	13539	0.403	ng/ul	100
20) Pyrene	19.638	202	13881	0.400	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9940	0.401	ng/ul	100
22) Chrysene	21.451	228	12759	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.047	252	11281	0.391	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	11889	0.390	ng/ul	99
26) Benzo(a)pyrene	23.655	252	10242	0.389	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.176	276	11050	0.351	ng/ul	100
28) Dibenzo(a,h)anthracene	26.196	278	8822	0.355	ng/ul	97
29) Benzo(g,h,i)perylene	26.917	276	10110	0.360	ng/ul	99

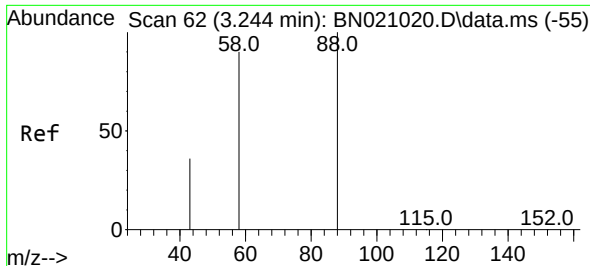
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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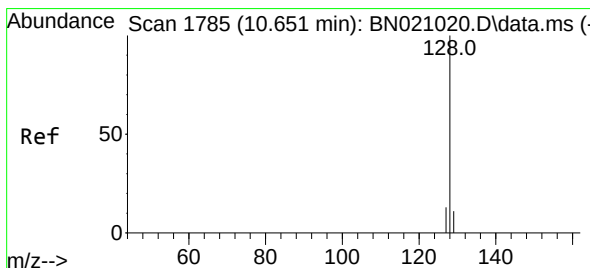
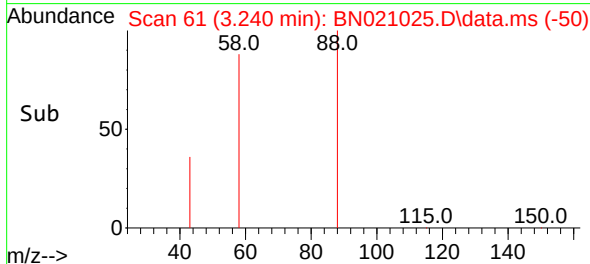
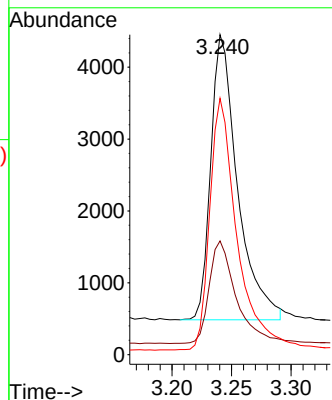
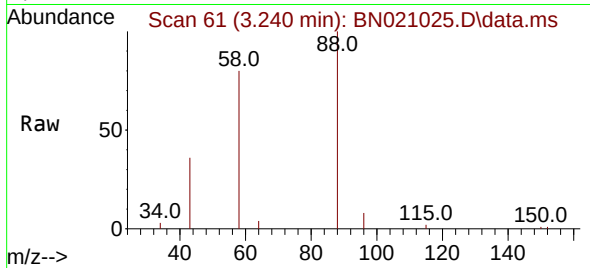




#2
 1,4-Dioxane
 Concen: 1.791 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021025.D
 Acq: 05 Aug 2022 14:01

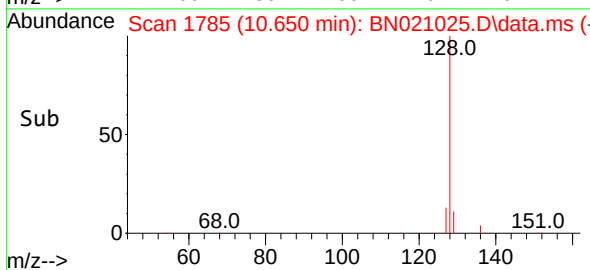
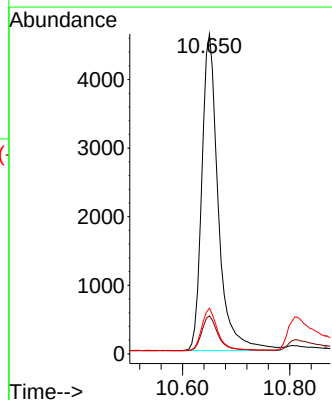
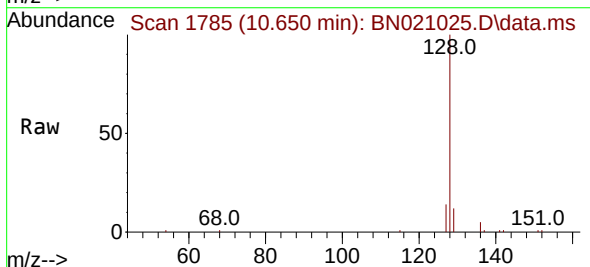
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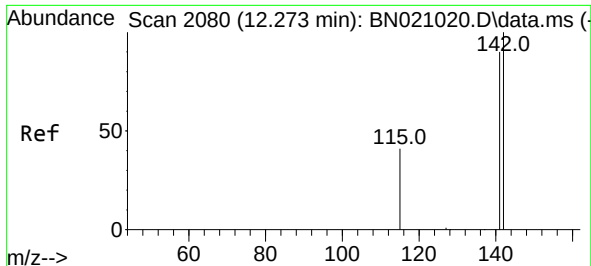
Tgt Ion: 88 Resp: 6204
 Ion Ratio Lower Upper
 88 100
 43 35.5 31.4 47.0
 58 80.1 49.0 73.6#



#5
 Naphthalene
 Concen: 0.376 ng/ul
 RT: 10.650 min Scan# 1785
 Delta R.T. -0.001 min
 Lab File: BN021025.D
 Acq: 05 Aug 2022 14:01

Tgt Ion: 128 Resp: 9826
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.8 14.6
 127 14.3 11.6 17.4

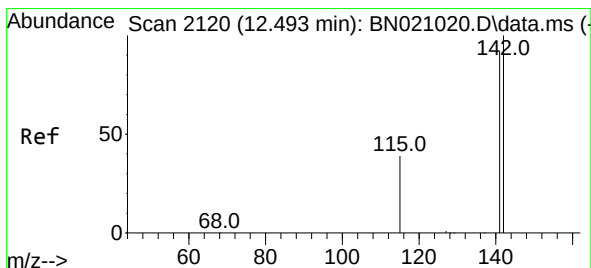
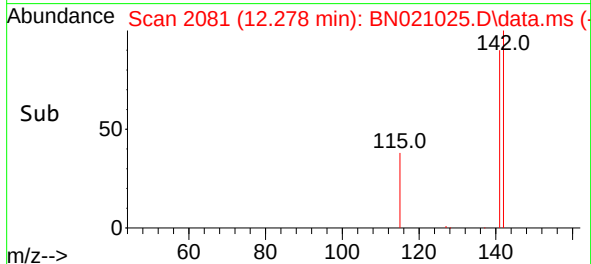
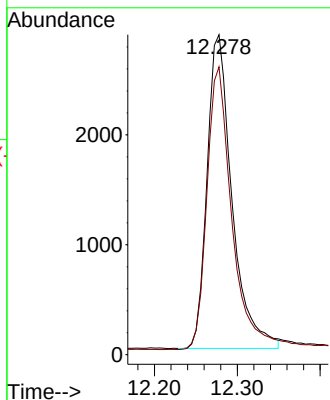
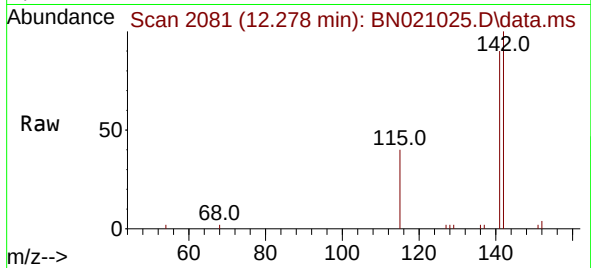




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.278 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

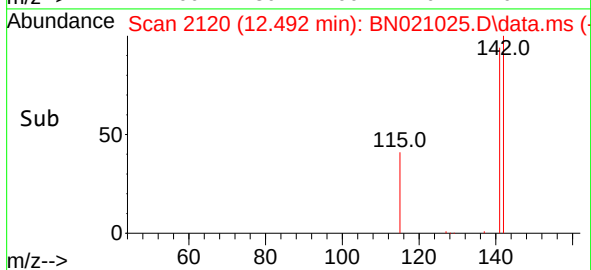
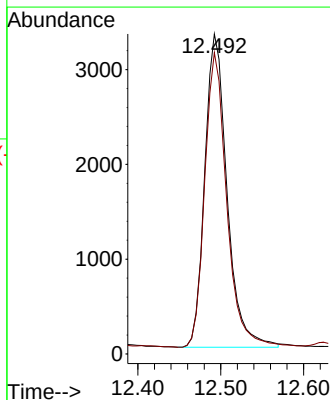
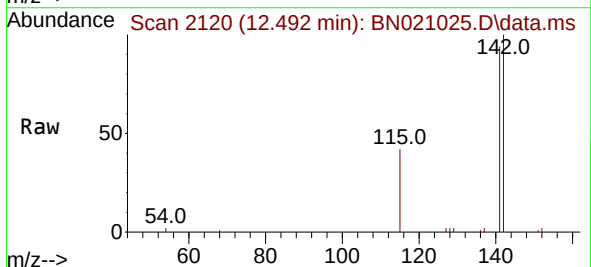
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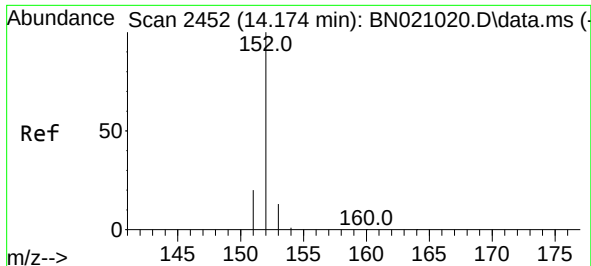
Tgt Ion:142 Resp: 5983
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:142 Resp: 6176
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

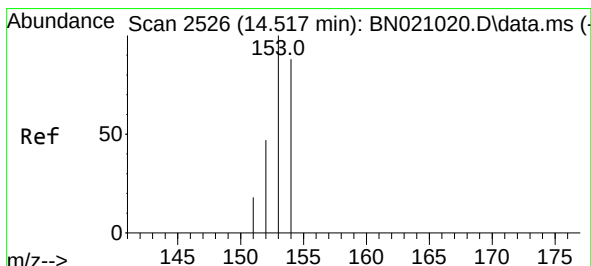
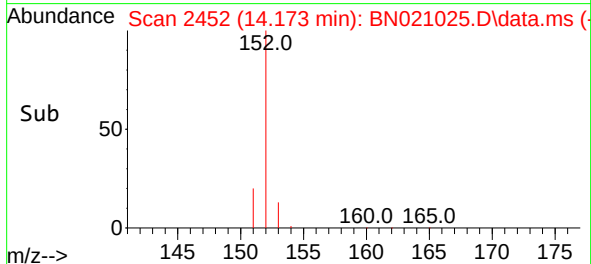
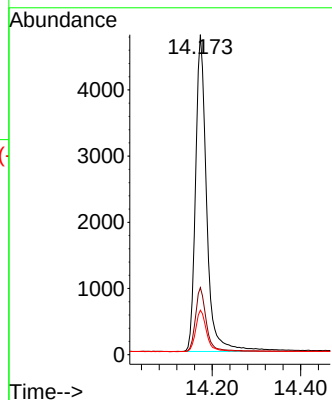
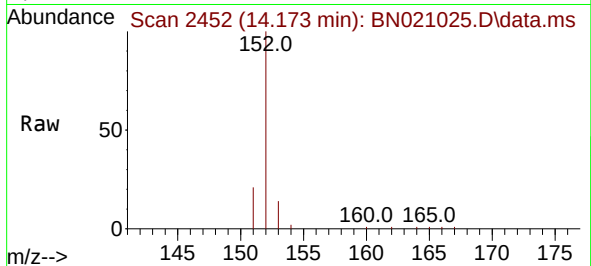




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.173 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

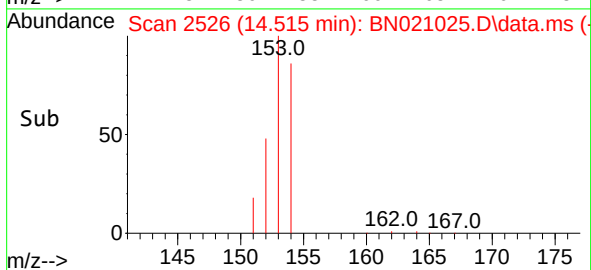
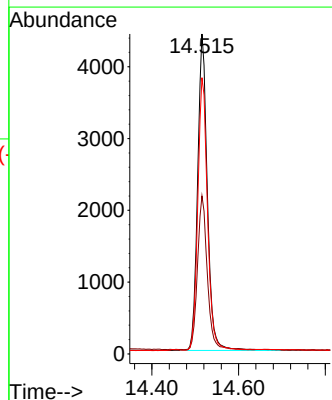
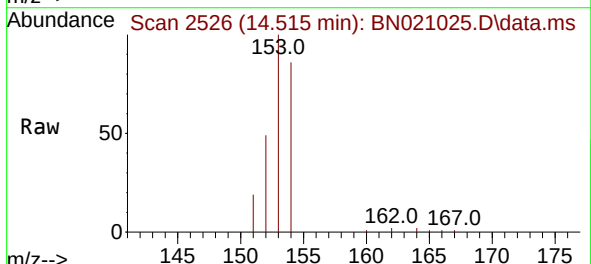
Instrument :
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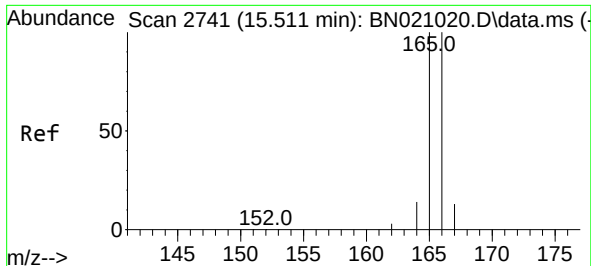
Tgt Ion:152 Resp: 8348
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:153 Resp: 6852
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.3 70.7 106.1

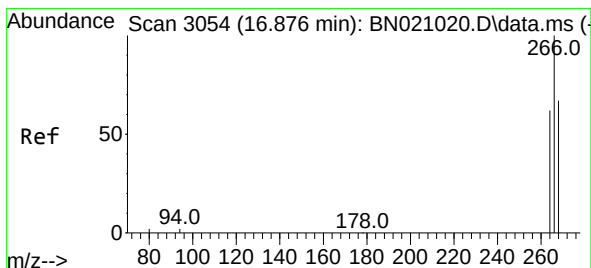
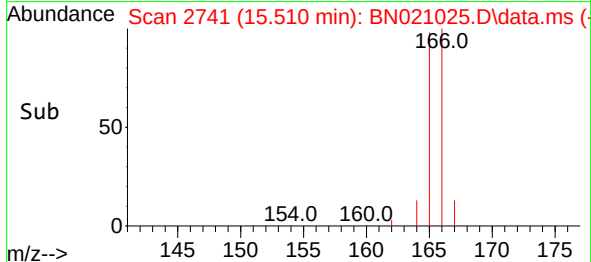
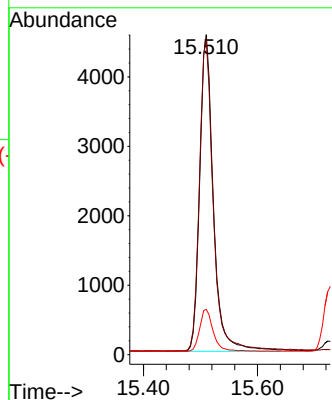
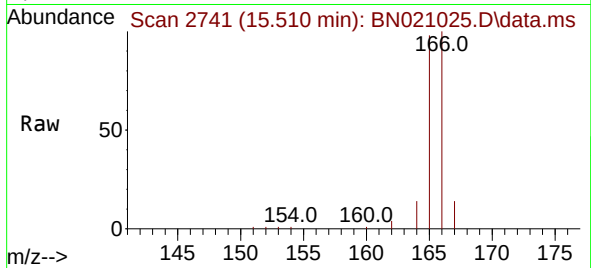




#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

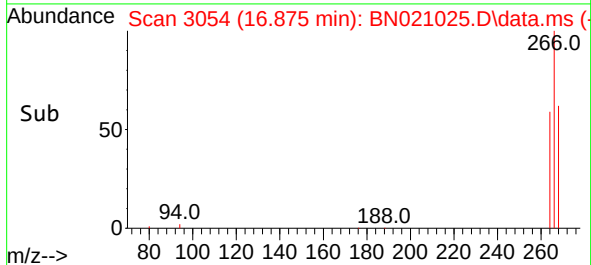
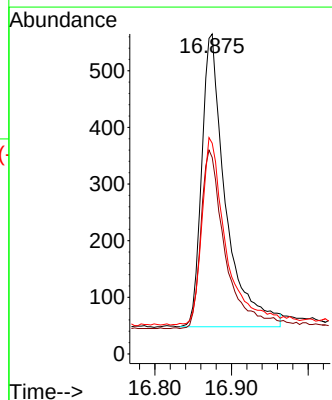
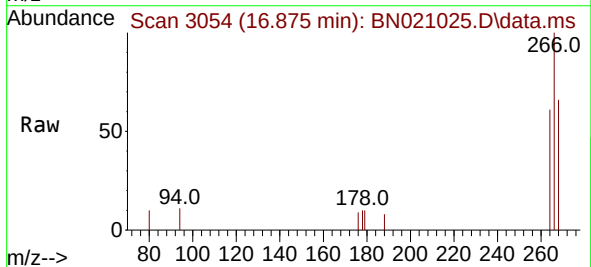
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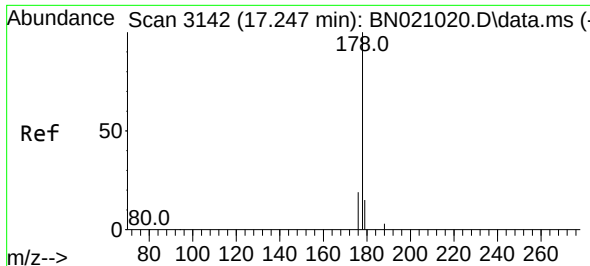
Tgt Ion:166 Resp: 7582
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.790 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:266 Resp: 1119
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.8
268 65.0 50.6 75.8

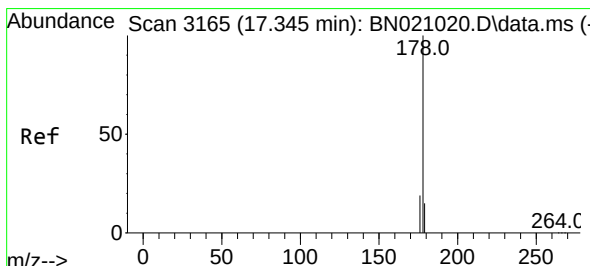
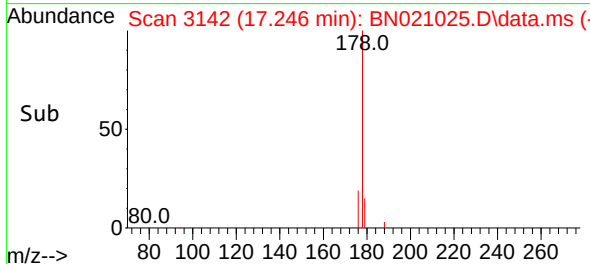
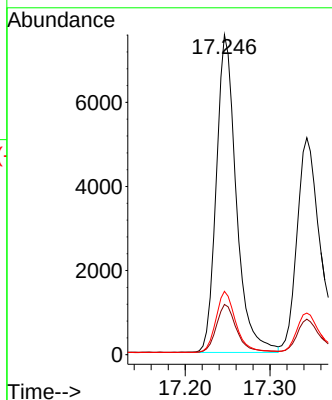
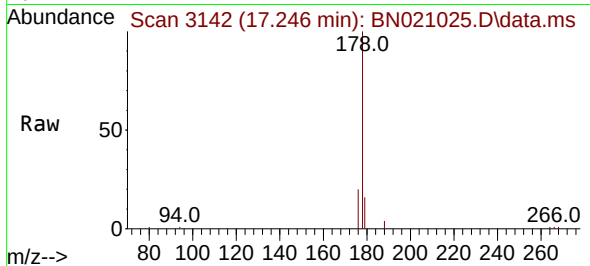




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.246 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

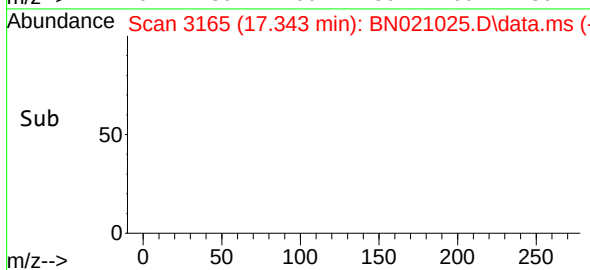
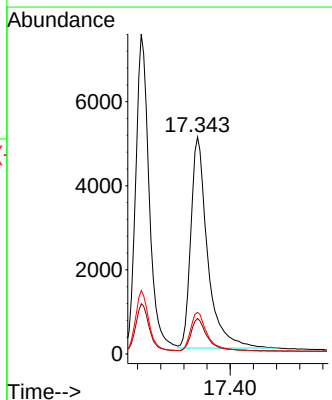
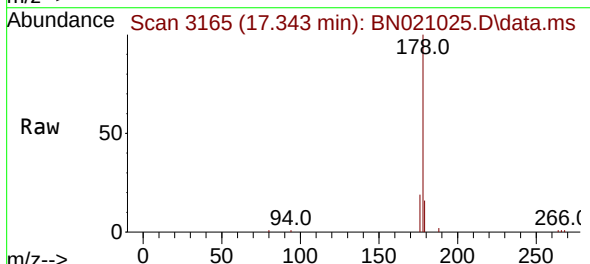
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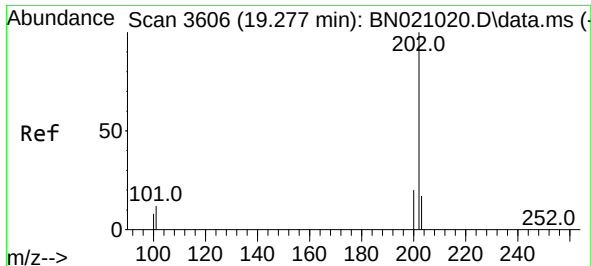
Tgt Ion:	178	Resp:	12341
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.8	15.9	23.9



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:	178	Resp:	10085
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	19.2	15.9	23.9

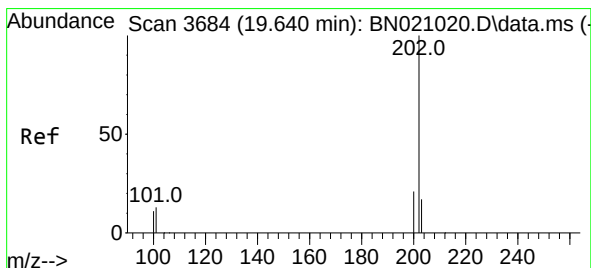
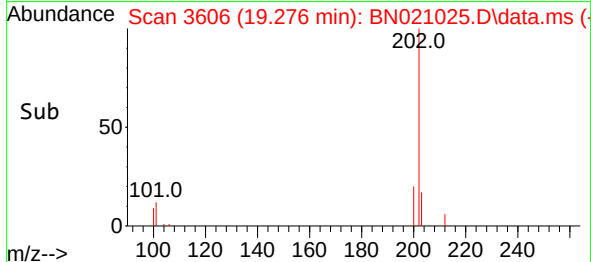
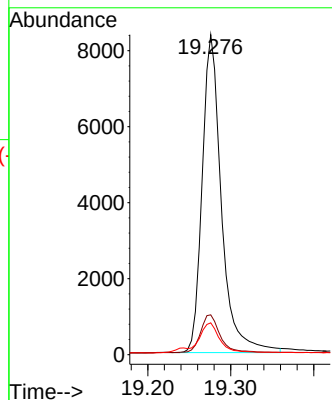
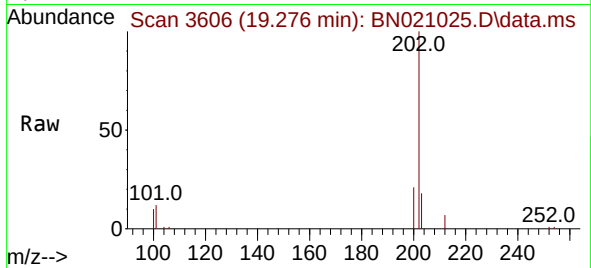




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.276 min Scan# 3606
Delta R.T. -0.006 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

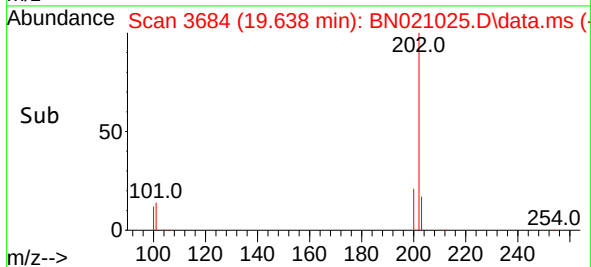
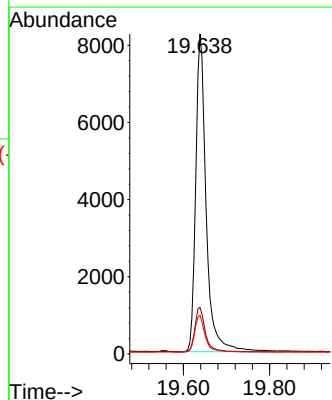
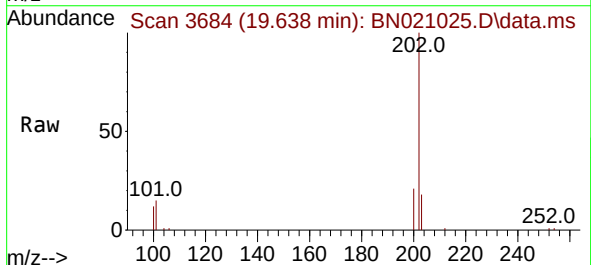
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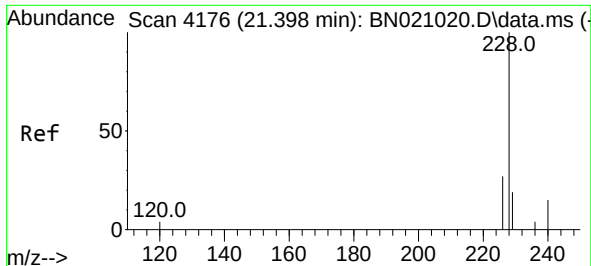
Tgt Ion:202 Resp: 13539
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.400 ng/u1
RT: 19.638 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:202 Resp: 13881
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.0 9.0 13.4

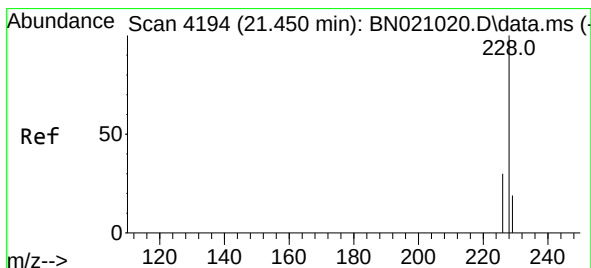
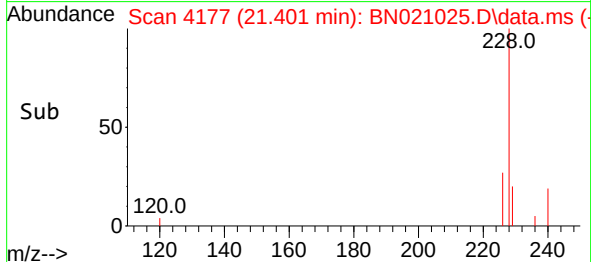
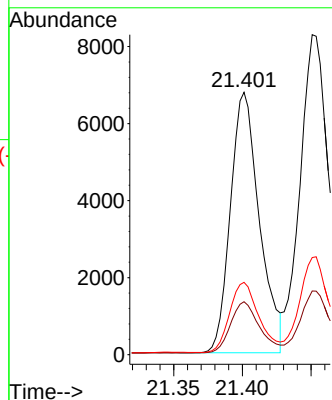
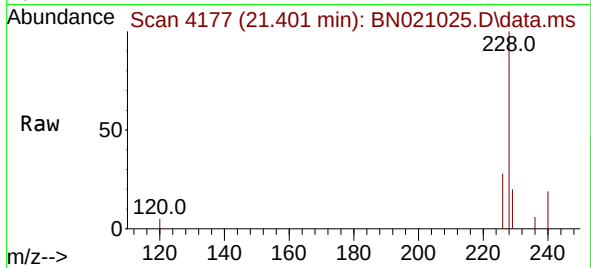




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.401 min Scan# 4177
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

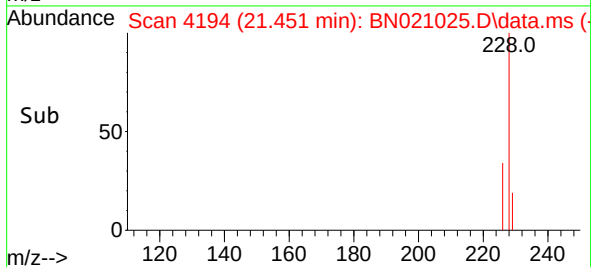
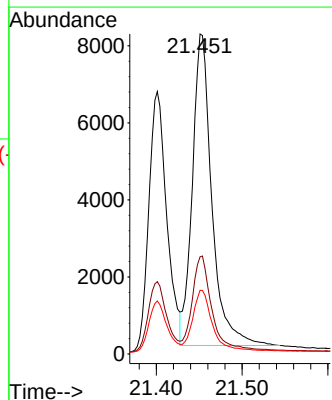
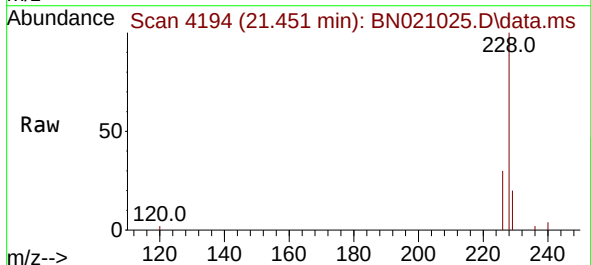
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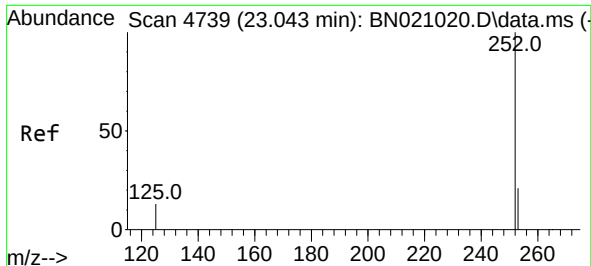
Tgt Ion:228 Resp: 9940
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.451 min Scan# 4194
Delta R.T. -0.008 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:228 Resp: 12759
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 15.8 23.8

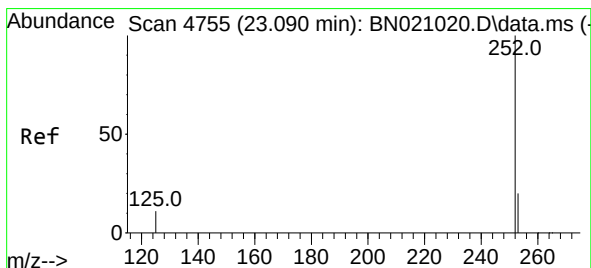
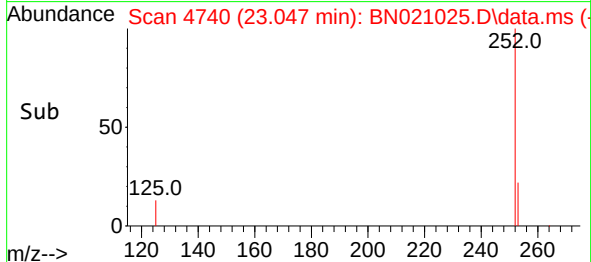
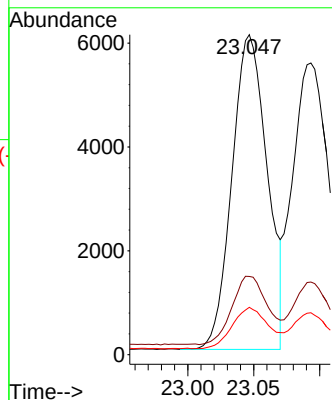
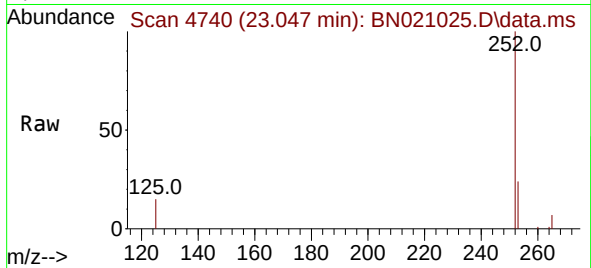




#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.047 min Scan# 4739
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

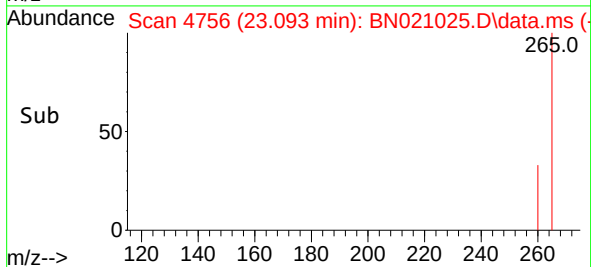
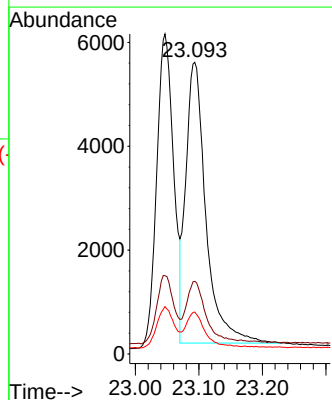
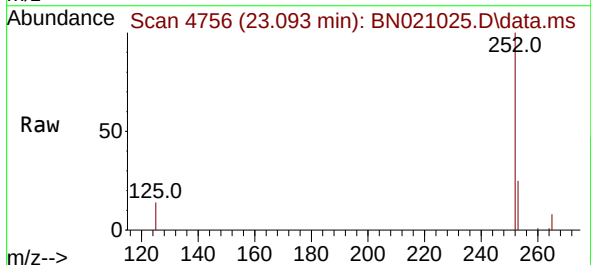
Instrument :
BNA_N
ClientSampleId :
SLCS568

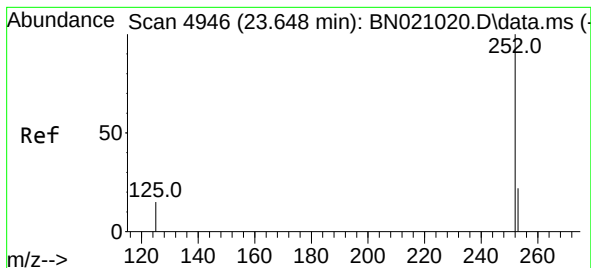
Tgt Ion:252 Resp: 11281
Ion Ratio Lower Upper
252 100
253 24.5 0.0 50.8
125 14.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.005 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:252 Resp: 11889
Ion Ratio Lower Upper
252 100
253 24.9 20.6 31.0
125 14.4 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 23.655 min Scan# 4948

Delta R.T. -0.005 min

Lab File: BN021025.D

Acq: 05 Aug 2022 14:01

Instrument :

BNA_N

ClientSampleId :

SLCS568

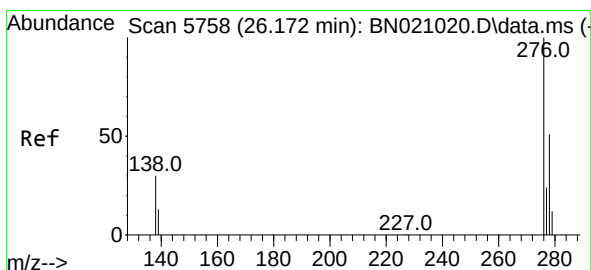
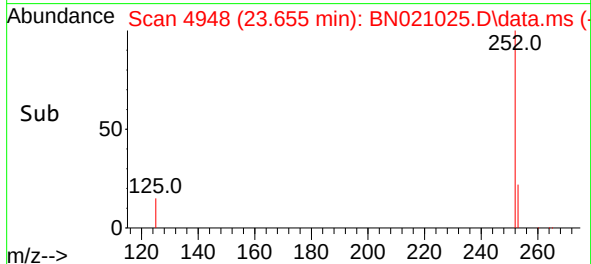
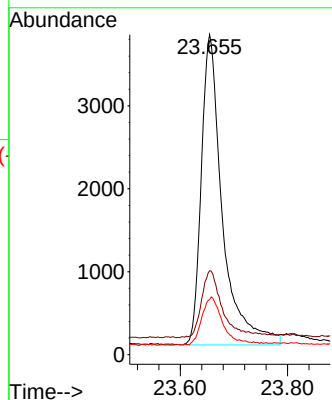
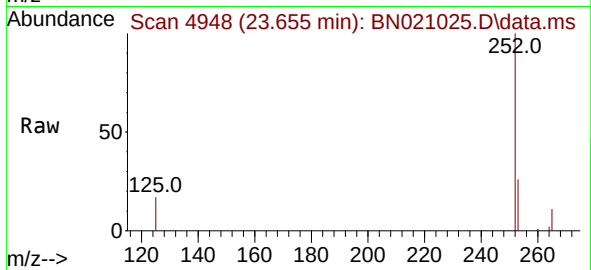
Tgt Ion:252 Resp: 10242

Ion Ratio Lower Upper

252 100

253 26.3 22.1 33.1

125 17.3 14.7 22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng/ul

RT: 26.176 min Scan# 5759

Delta R.T. -0.009 min

Lab File: BN021025.D

Acq: 05 Aug 2022 14:01

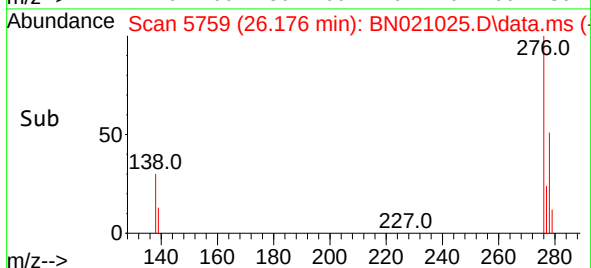
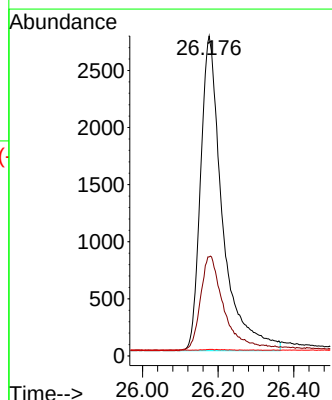
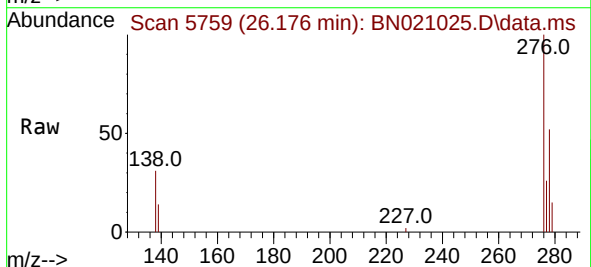
Tgt Ion:276 Resp: 11050

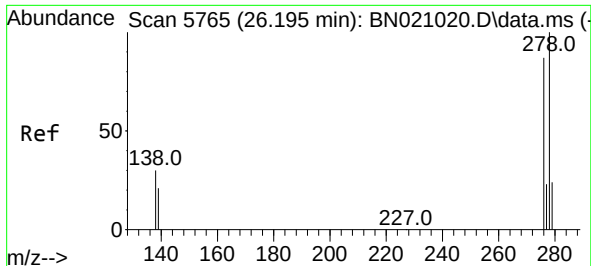
Ion Ratio Lower Upper

276 100

138 32.4 26.1 39.1

227 0.1 0.1 0.1

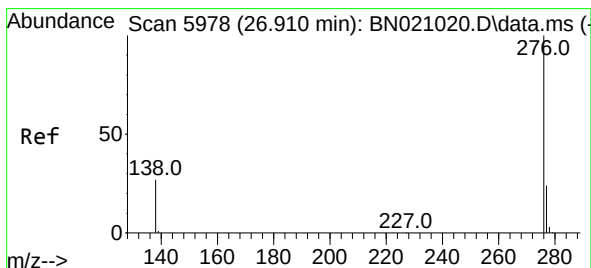
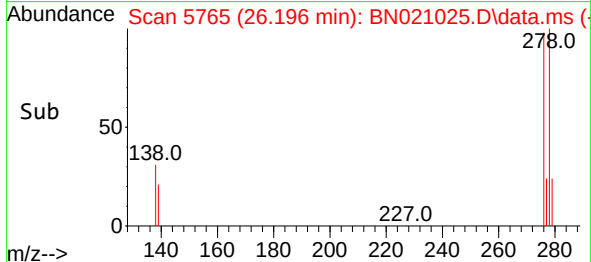
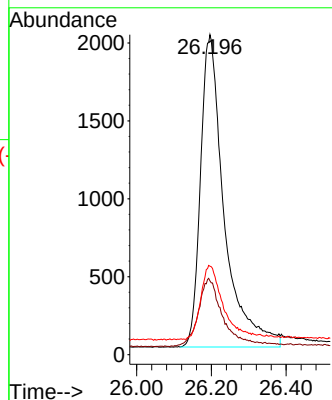
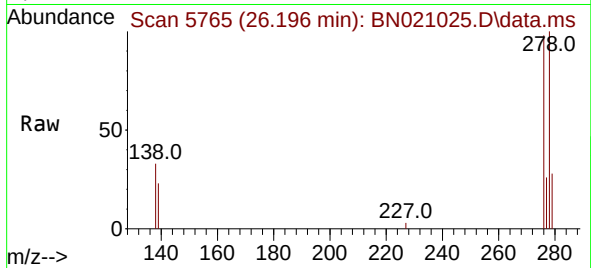




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SLCS568

Tgt Ion:278 Resp: 8822
Ion Ratio Lower Upper
278 100
139 23.0 18.3 27.5
279 27.6 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021025.D
Acq: 05 Aug 2022 14:01

Tgt Ion:276 Resp: 10110
Ion Ratio Lower Upper
276 100
138 28.8 22.6 34.0
277 25.6 20.2 30.2

