

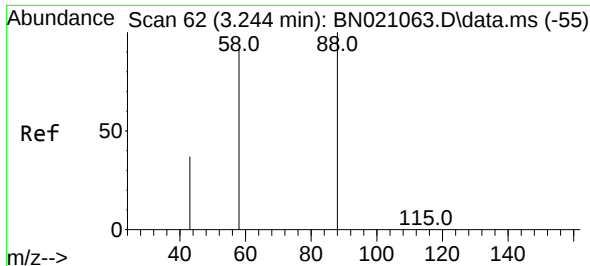
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
 Data File : BN021065.D
 Acq On : 08 Aug 2022 12:00
 Operator : CG/JU
 Sample : PB146571BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLC571

Quant Time: Aug 08 13:17:47 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	7.805	152	2269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.596	136	7672	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.452	164	4231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.206	188	8101	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6309	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	5129	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	1806	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	3771	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	7835	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	4745	1.587	ng/ul#	85
5) Naphthalene	10.646	128	7389	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	4409	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.494	142	4597	0.321	ng/ul	99
10) Acenaphthylene	14.175	152	6277	0.317	ng/ul	100
11) Acenaphthene	14.517	153	5093	0.311	ng/ul	99
12) Fluorene	15.512	166	5518	0.309	ng/ul	100
14) Pentachlorophenol	16.876	266	674	0.540	ng/ul	100
15) Phenanthrene	17.248	178	8941	0.309	ng/ul	100
16) Anthracene	17.345	178	7264	0.324	ng/ul	99
19) Fluoranthene	19.277	202	9887	0.354	ng/ul	100
20) Pyrene	19.640	202	10245	0.355	ng/ul	98
21) Benzo(a)anthracene	21.404	228	7093	0.345	ng/ul	99
22) Chrysene	21.453	228	9120	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	7944	0.335	ng/ul	98
25) Benzo(k)fluoranthene	23.096	252	8391	0.335	ng/ul	98
26) Benzo(a)pyrene	23.657	252	7298	0.337	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.182	276	7654	0.296	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.199	278	5961	0.292	ng/ul	99
29) Benzo(g,h,i)perylene	26.920	276	7195	0.312	ng/ul	98

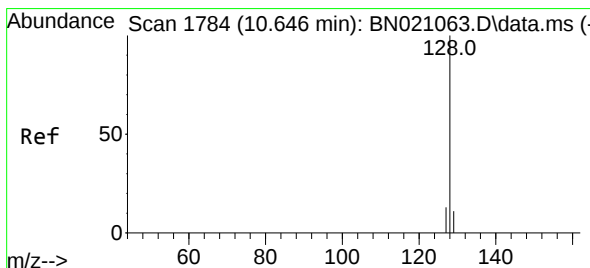
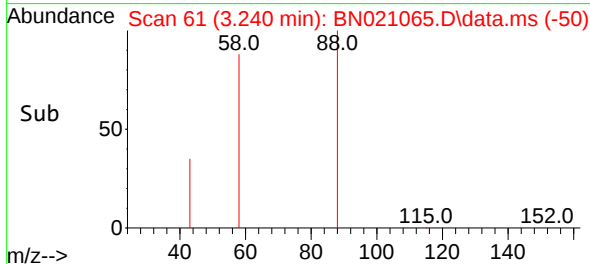
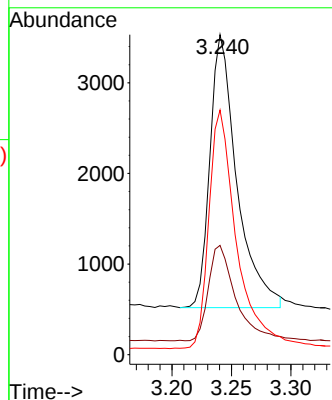
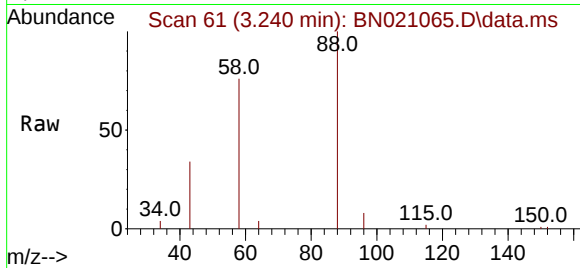
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.587 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

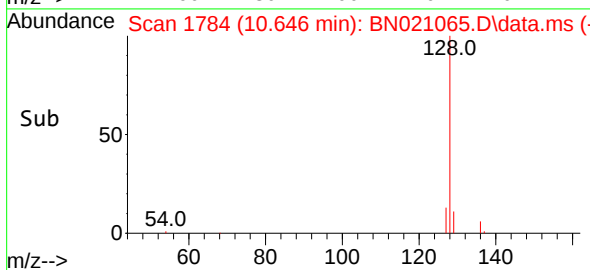
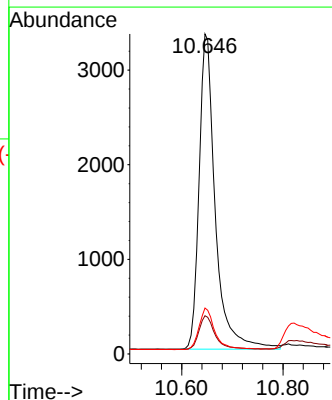
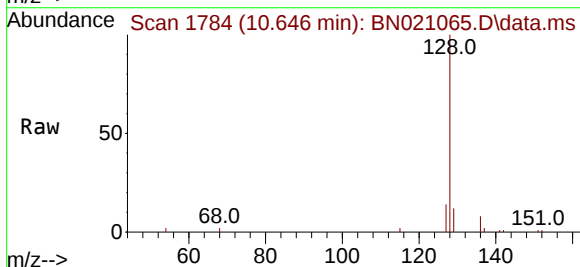
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BNA_N
ClientSampleId :
SLCS571

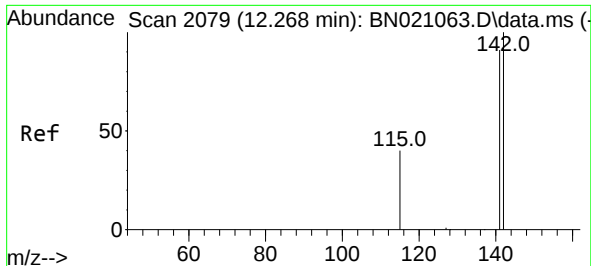
Tgt Ion: 88 Resp: 4745
Ion Ratio Lower Upper
88 100
43 34.2 31.4 47.0
58 76.4 49.0 73.6#



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion: 128 Resp: 7389
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 14.3 11.6 17.4

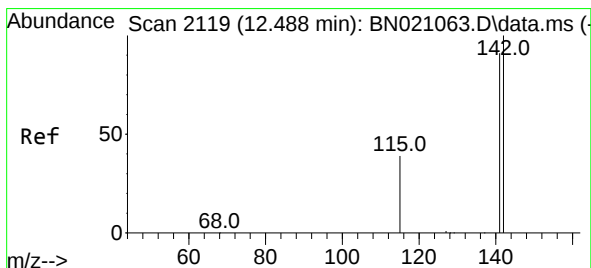
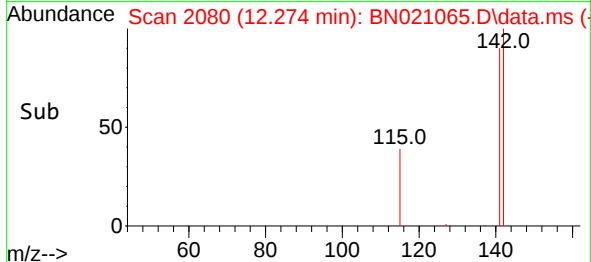
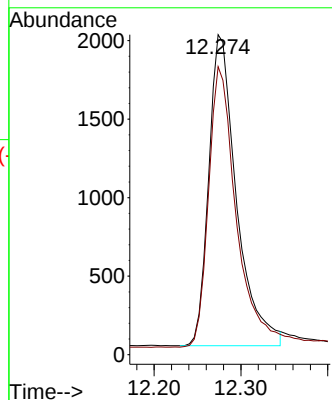
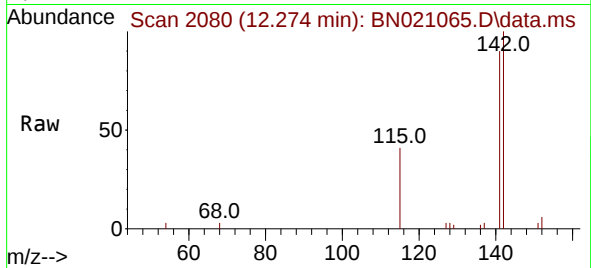




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.274 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

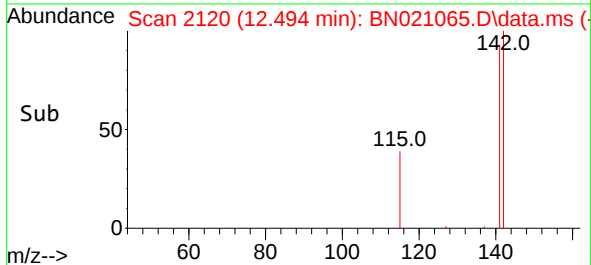
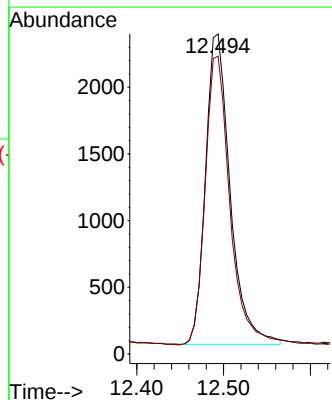
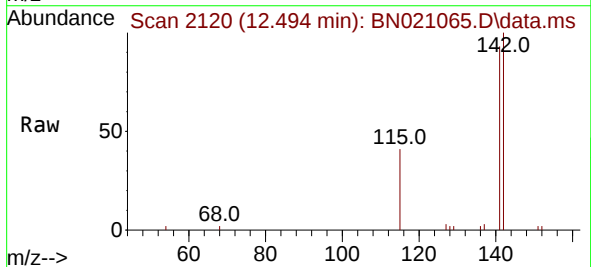
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BNA_N
ClientSampleId :
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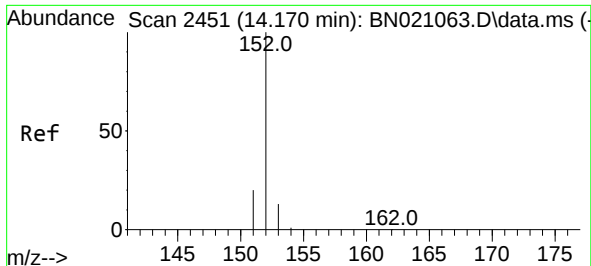
Tgt Ion:142 Resp: 4409
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:142 Resp: 4597
Ion Ratio Lower Upper
142 100
141 93.0 73.9 110.9

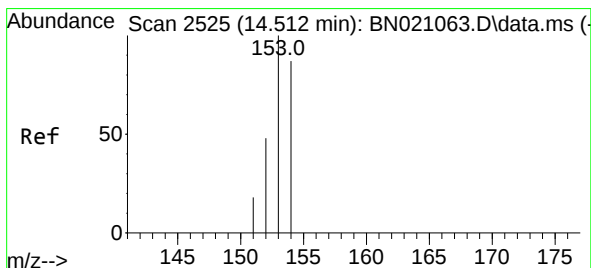
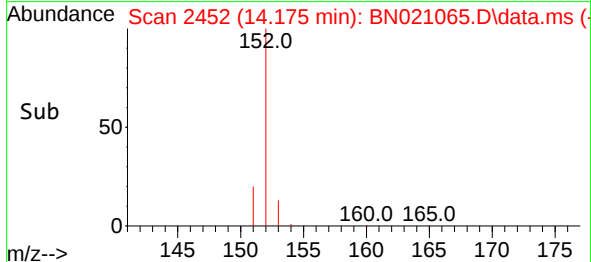
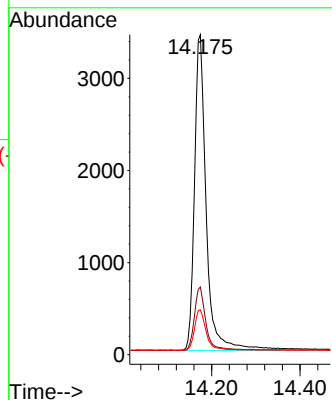
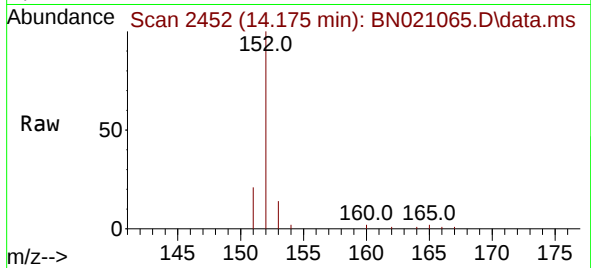




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.175 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

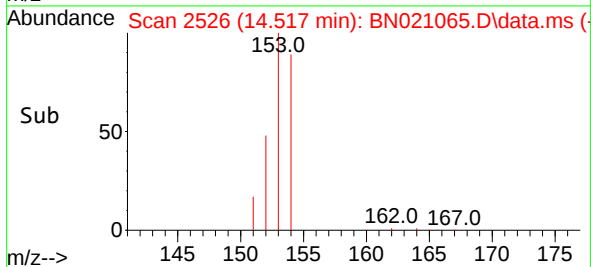
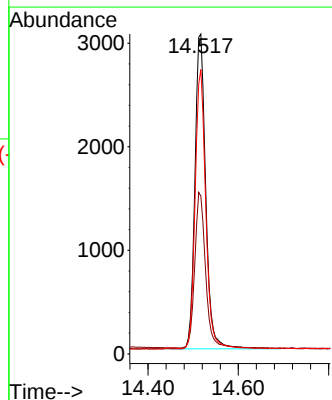
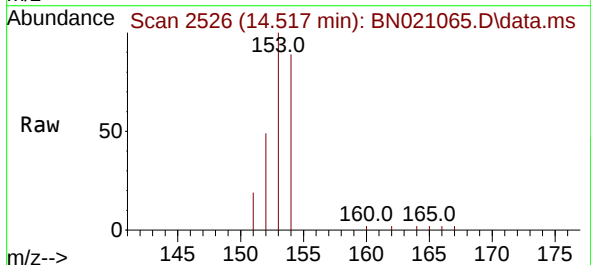
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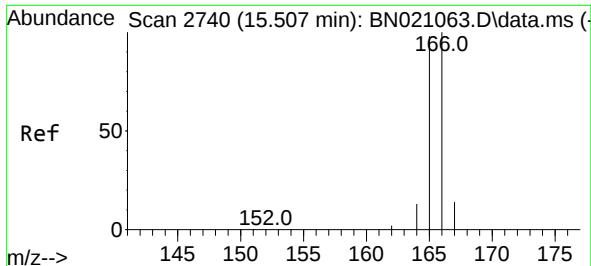
Tgt Ion:152 Resp: 6277
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:153 Resp: 5093
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.4
154 88.9 70.7 106.1

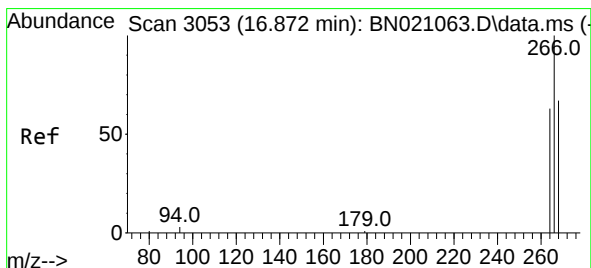
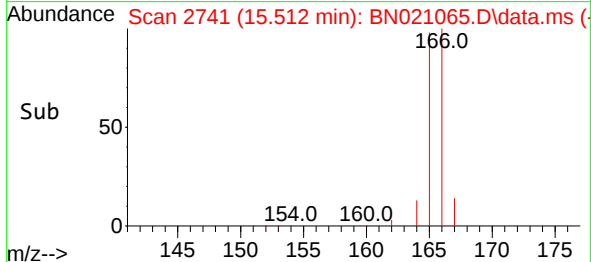
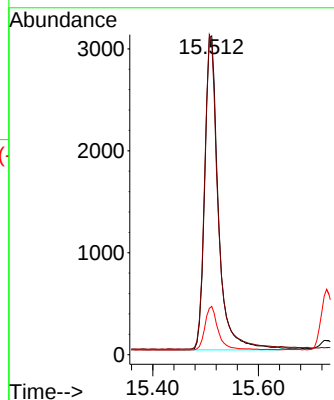
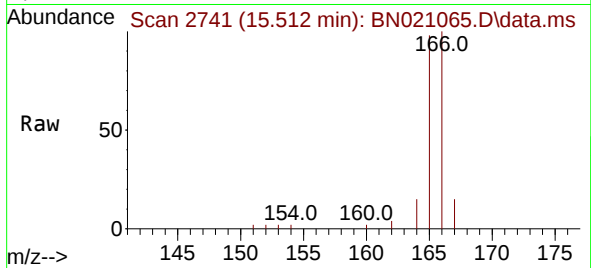




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.512 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

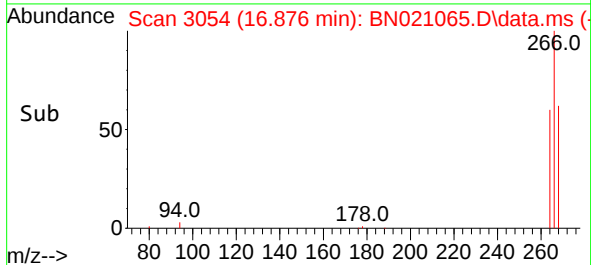
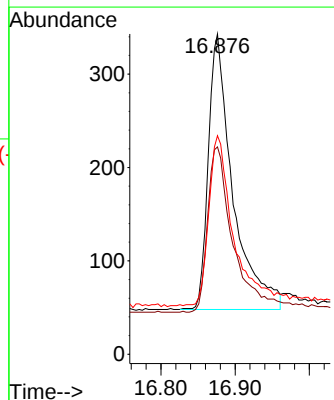
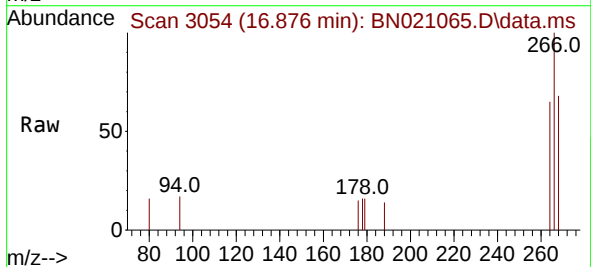
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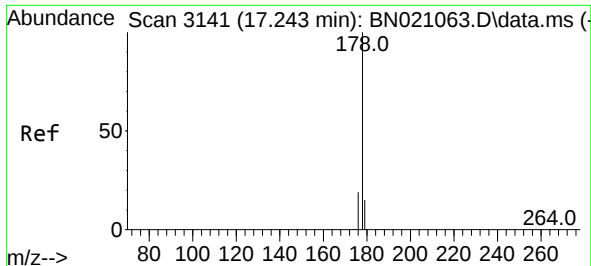
Tgt Ion:166 Resp: 5518
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 15.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.540 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:266 Resp: 674
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 62.8 50.6 75.8

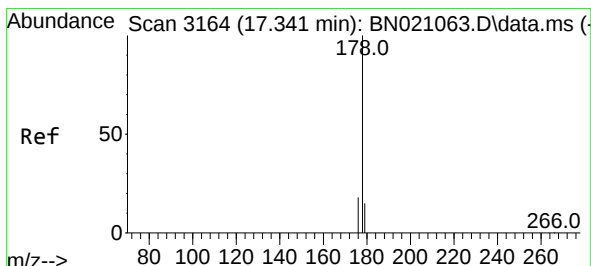
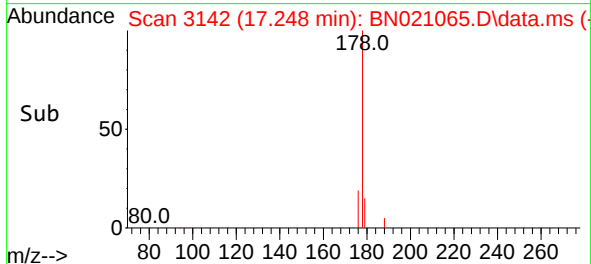
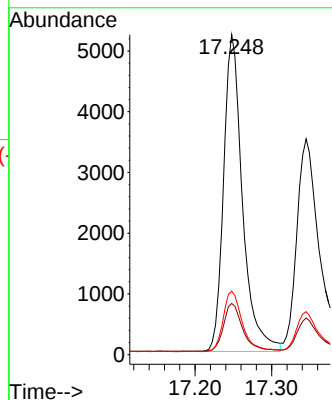
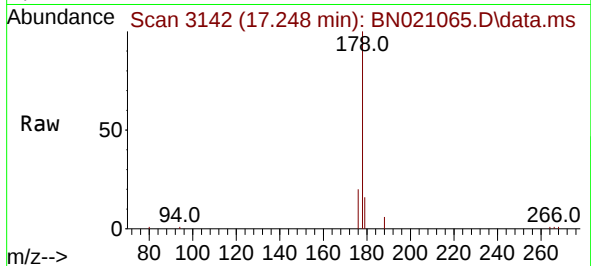




#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.248 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

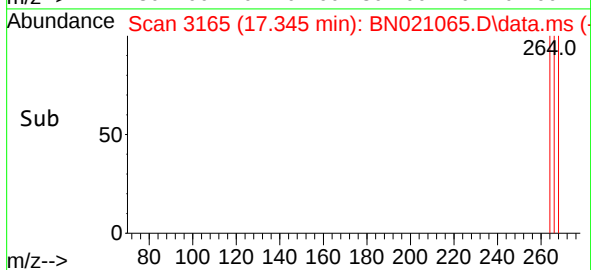
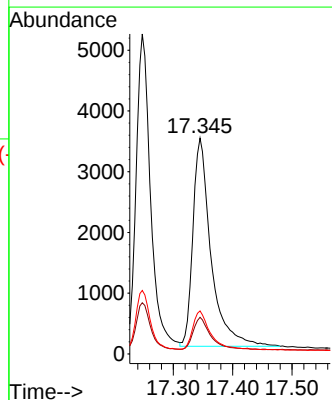
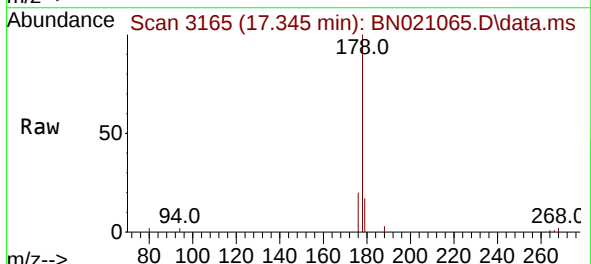
Instrument :
BNA_N
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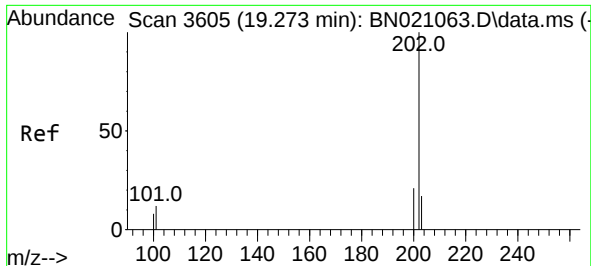
Tgt Ion:178 Resp: 8941
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:178 Resp: 7264
Ion Ratio Lower Upper
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179 17.0 12.9 19.3
176 20.0 15.9 23.9

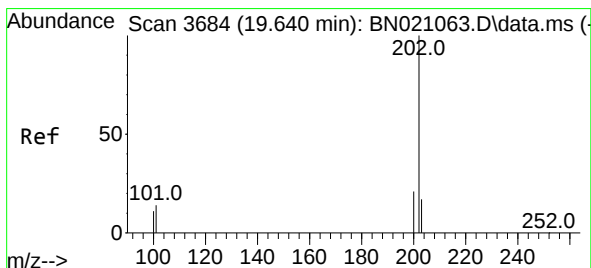
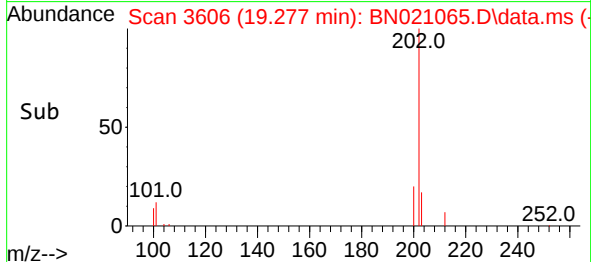
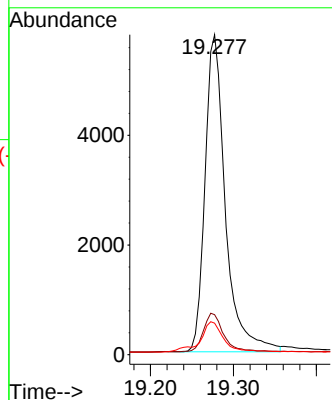
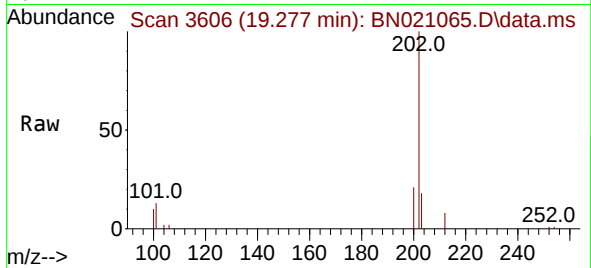




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

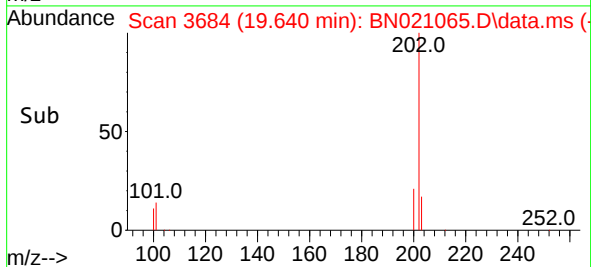
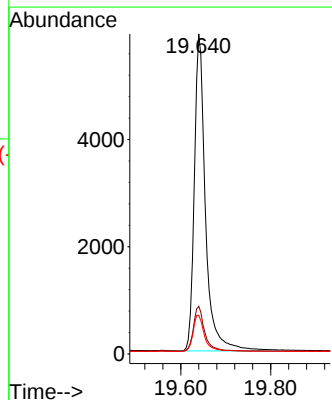
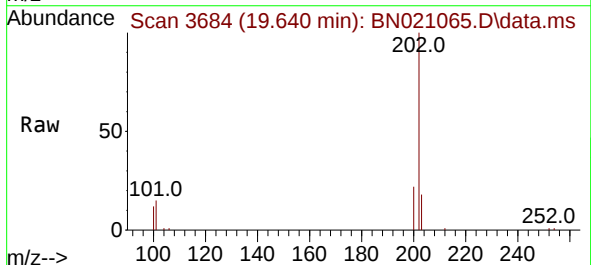
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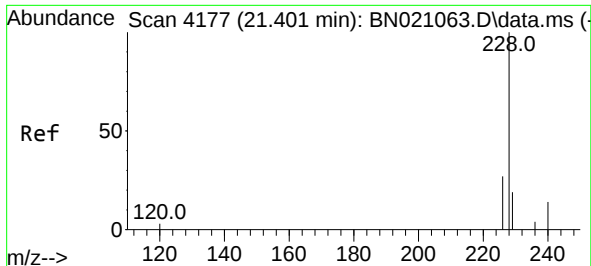
Tgt Ion:202 Resp: 9887
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.9 8.0 12.0



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:202 Resp: 10245
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.1 9.0 13.4

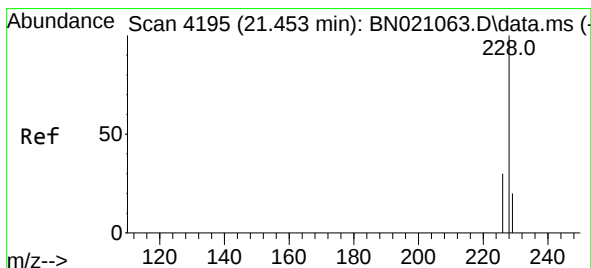
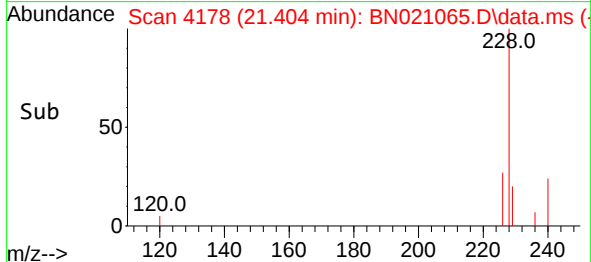
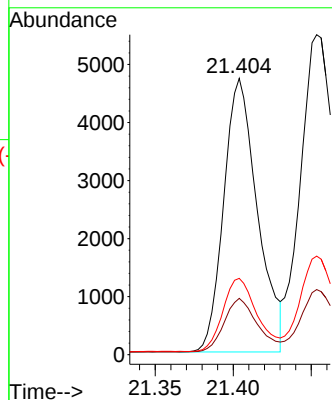
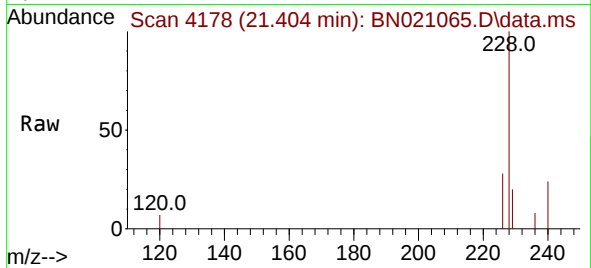




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.404 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

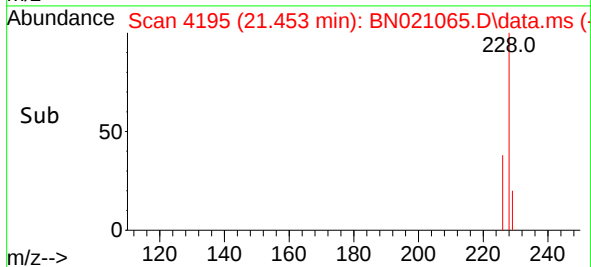
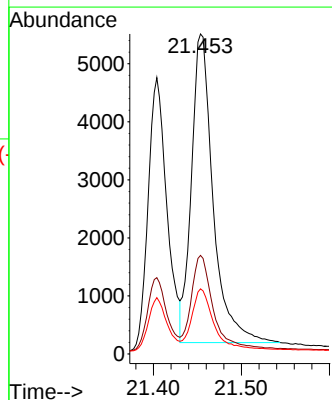
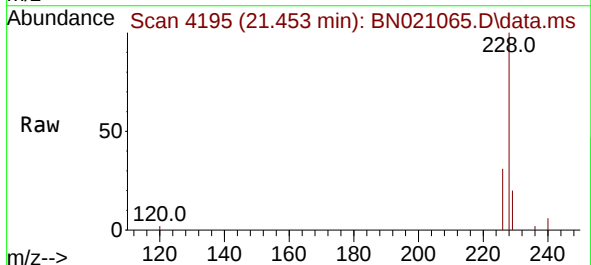
Instrument :
BNA_N
ClientSampleId :
SLCS571

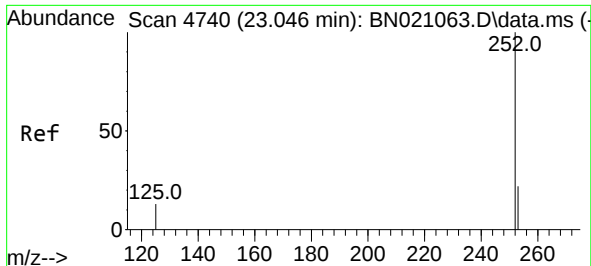
Tgt Ion:228 Resp: 7093
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.6 21.9 32.9



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:228 Resp: 9120
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.4 15.8 23.8

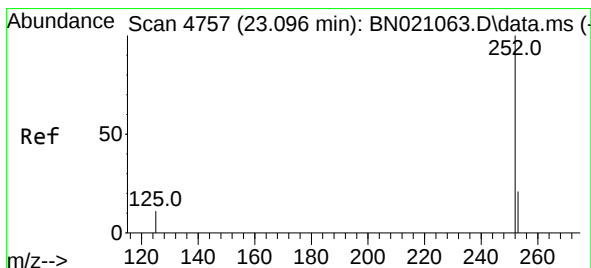
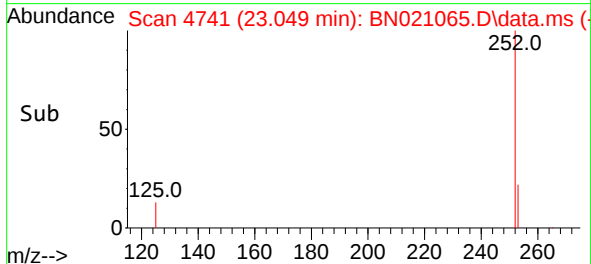
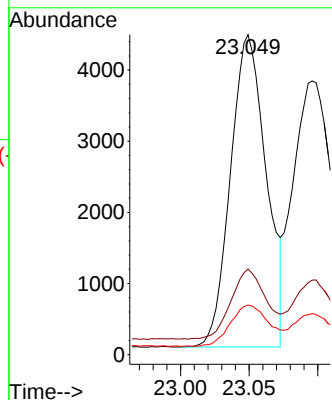
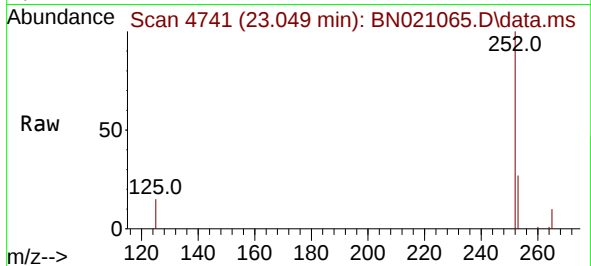




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

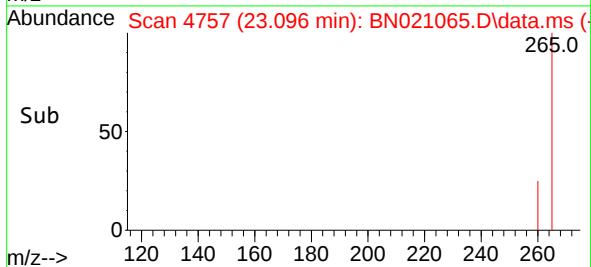
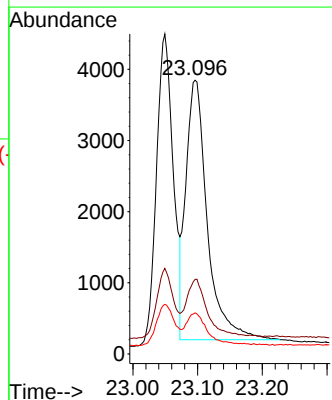
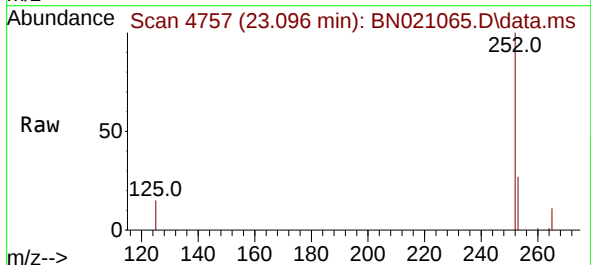
Instrument :
BNA_N
ClientSampleId :
SLCS571

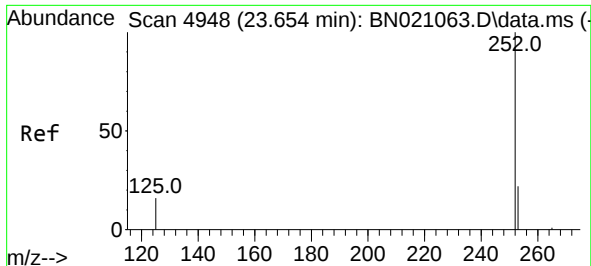
Tgt Ion:252 Resp: 7944
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.8
125 15.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:252 Resp: 8391
Ion Ratio Lower Upper
252 100
253 27.2 20.6 31.0
125 15.0 11.8 17.6

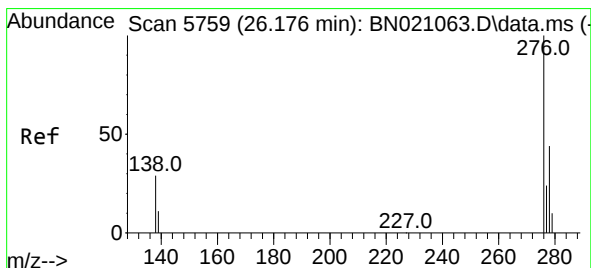
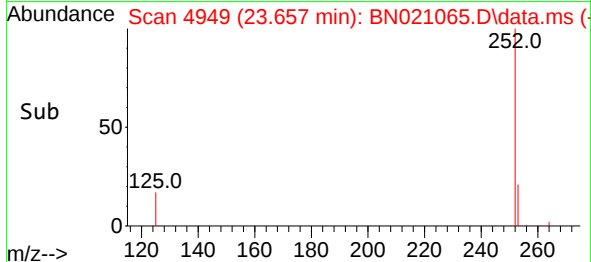
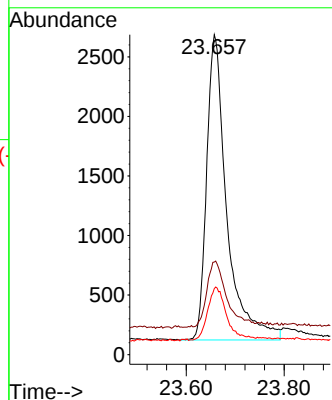
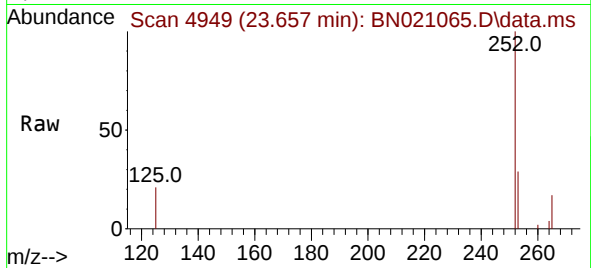




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.657 min Scan# 4948
Delta R.T. -0.003 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

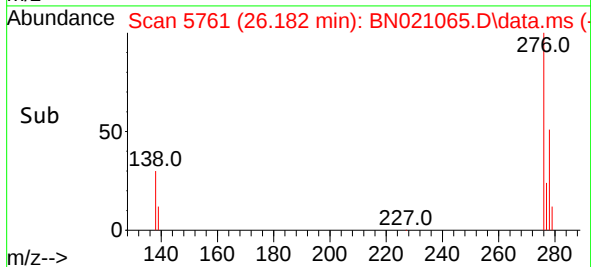
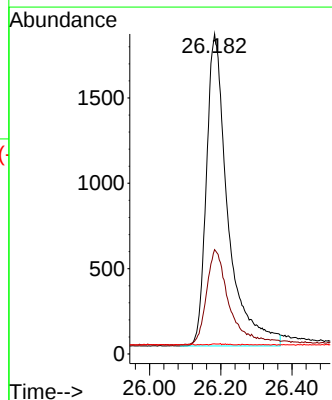
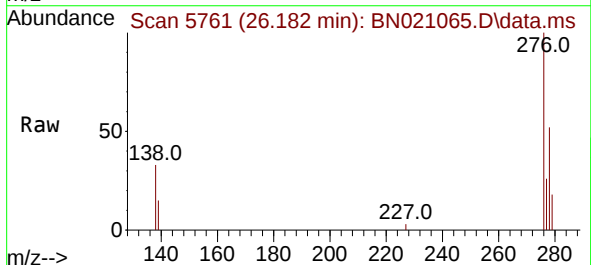
Instrument :
BNA_N
ClientSampleId :
SLCS571

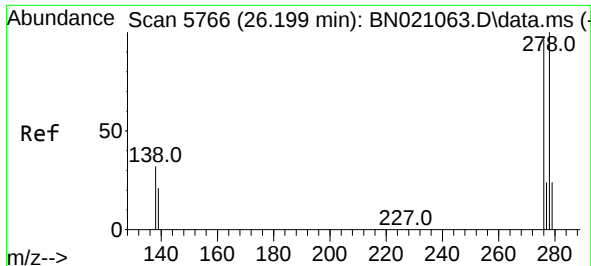
Tgt Ion:252 Resp: 7298
Ion Ratio Lower Upper
252 100
253 29.0 22.1 33.1
125 20.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.182 min Scan# 5761
Delta R.T. -0.003 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:276 Resp: 7654
Ion Ratio Lower Upper
276 100
138 32.3 26.1 39.1
227 0.2 0.1 0.1#

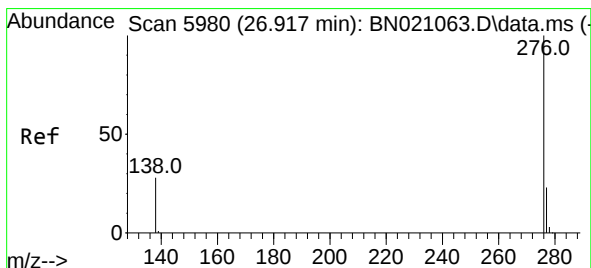
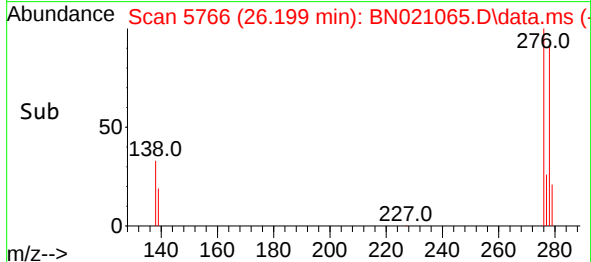
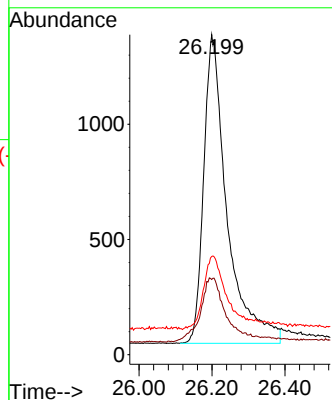
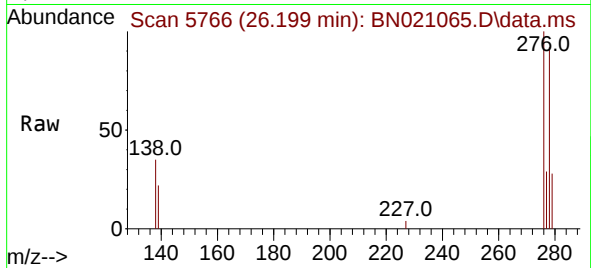




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.199 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Instrument :
BNA_N
ClientSampleId :
SLCS571

Tgt Ion:278 Resp: 5961
Ion Ratio Lower Upper
278 100
139 23.5 18.3 27.5
279 30.7 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.312 ng/ul
RT: 26.920 min Scan# 5981
Delta R.T. -0.010 min
Lab File: BN021065.D
Acq: 08 Aug 2022 12:00

Tgt Ion:276 Resp: 7195
Ion Ratio Lower Upper
276 100
138 29.8 22.6 34.0
277 26.1 20.2 30.2

