

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021007.D
 Acq On : 05 Aug 2022 02:18
 Operator : CG/JU
 Sample : PB146744BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS744

Quant Time: Aug 05 03:25:27 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)

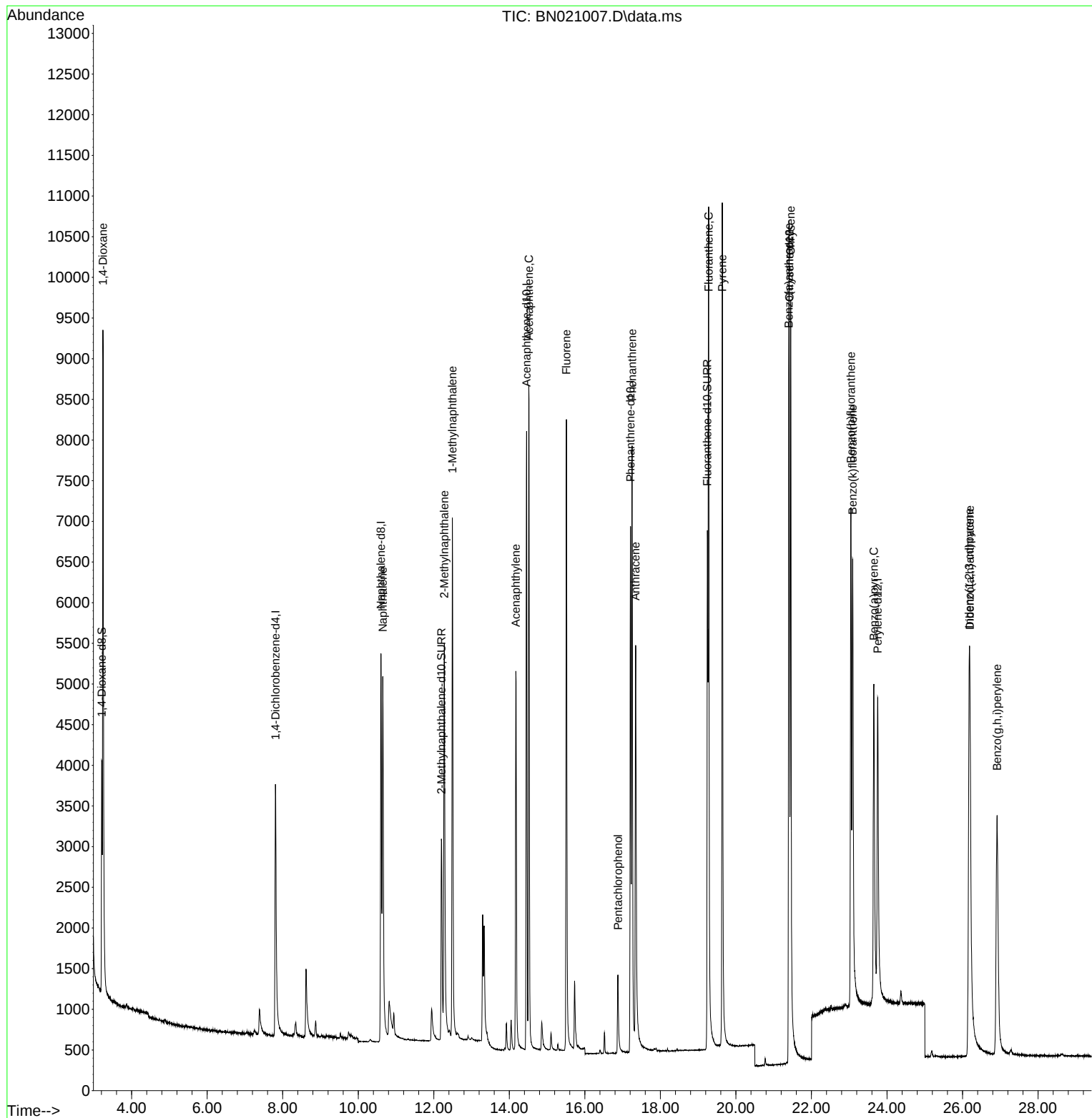
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2450	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7833	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	8535	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	7057	0.400	ng/ul	0.00
23) Perylene-d12	23.754	264	5824	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2040	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4076	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	8198	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5474	1.695	ng/ul#	83
5) Naphthalene	10.651	128	7535	0.313	ng/ul	100
7) 2-Methylnaphthalene	12.279	142	4514	0.309	ng/ul	100
8) 1-Methylnaphthalene	12.494	142	4971	0.340	ng/ul	100
10) Acenaphthylene	14.174	152	6416	0.310	ng/ul	99
11) Acenaphthene	14.517	153	5178	0.302	ng/ul	98
12) Fluorene	15.511	166	5682	0.303	ng/ul	99
14) Pentachlorophenol	16.876	266	876	0.666	ng/ul	99
15) Phenanthrene	17.252	178	9043	0.296	ng/ul	100
16) Anthracene	17.345	178	7366	0.311	ng/ul	100
19) Fluoranthene	19.277	202	9982	0.320	ng/ul	99
20) Pyrene	19.640	202	10263	0.318	ng/ul	97
21) Benzo(a)anthracene	21.398	228	7581	0.329	ng/ul	99
22) Chrysene	21.450	228	9464	0.312	ng/ul	100
24) Benzo(b)fluoranthene	23.046	252	8631	0.320	ng/ul	99
25) Benzo(k)fluoranthene	23.090	252	8689	0.305	ng/ul	99
26) Benzo(a)pyrene	23.651	252	7809	0.318	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.176	276	8334	0.284	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.196	278	6635	0.286	ng/ul	99
29) Benzo(g,h,i)perylene	26.917	276	7580	0.289	ng/ul	99

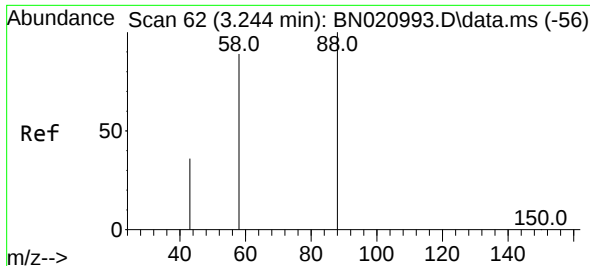
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

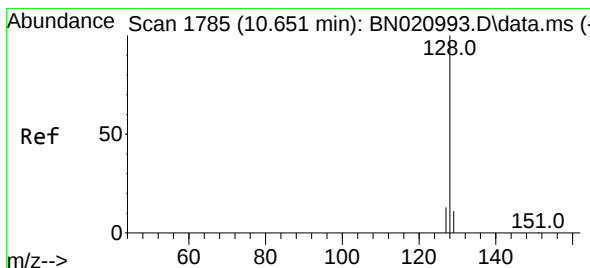
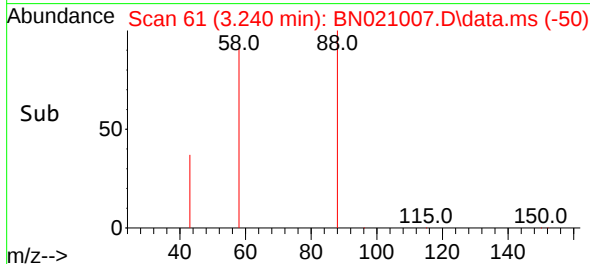
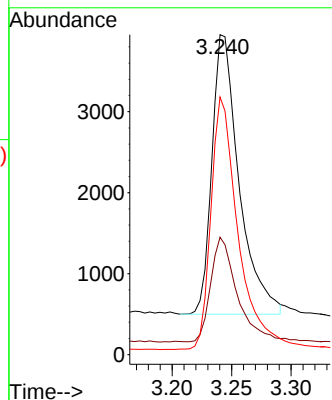
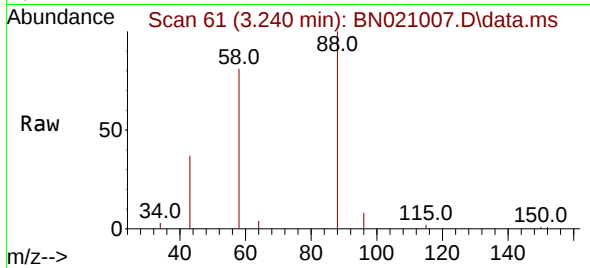




#2
1,4-Dioxane
Concen: 1.695 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

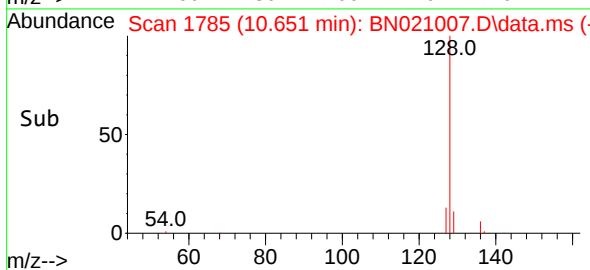
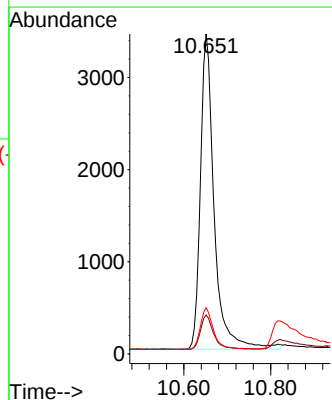
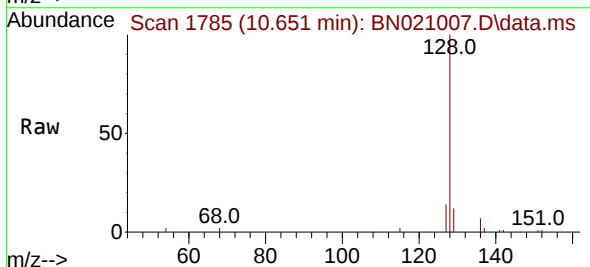
Instrument :
BNA_N
ClientSampleId :
SLCS744

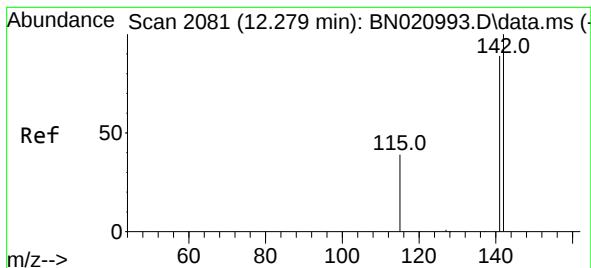
Tgt Ion: 88 Resp: 5474
Ion Ratio Lower Upper
88 100
43 36.7 31.4 47.0
58 80.5 49.0 73.6#



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion: 128 Resp: 7535
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.5 11.6 17.4

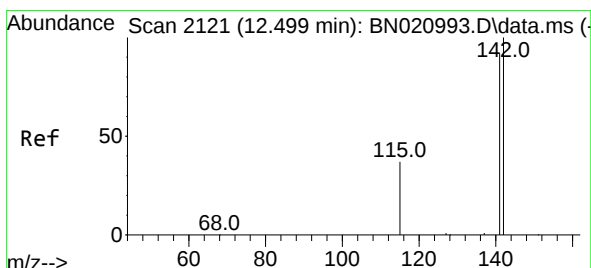
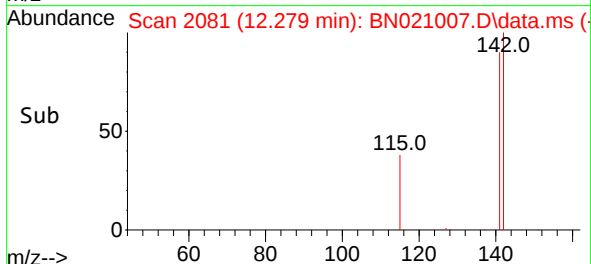
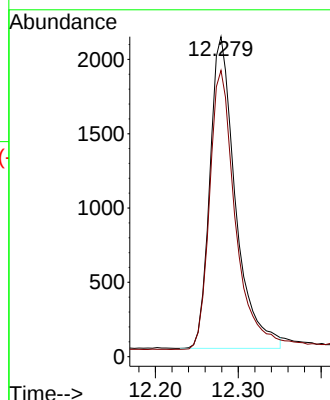
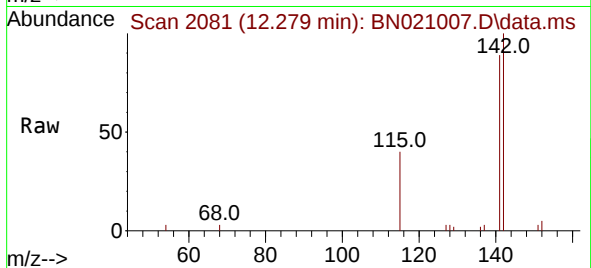




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

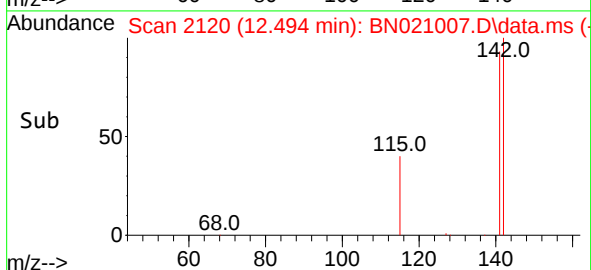
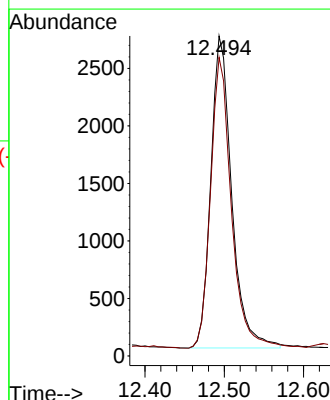
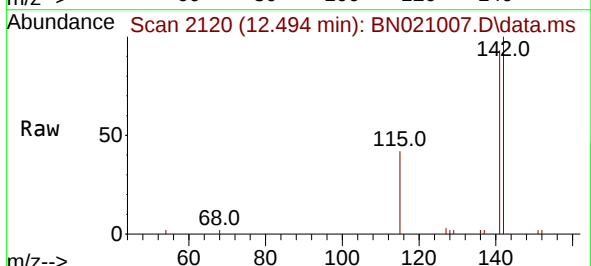
Instrument :
BNA_N
ClientSampleId :
SLCS744

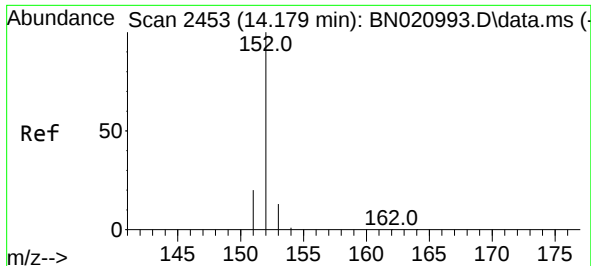
Tgt Ion:142 Resp: 4514
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:142 Resp: 4971
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

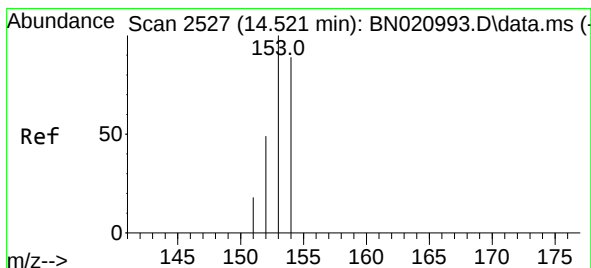
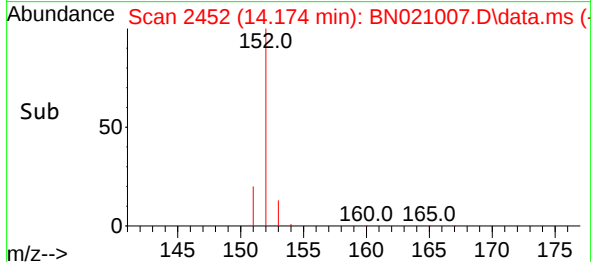
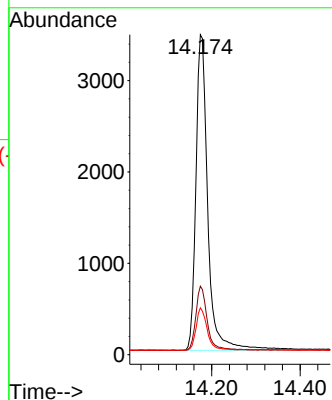
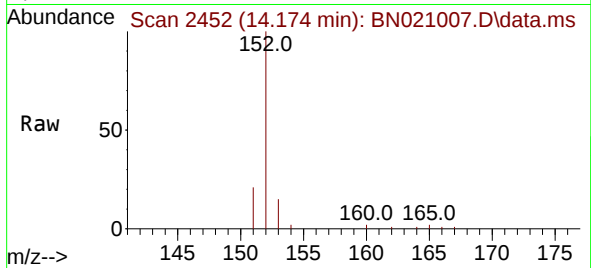




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

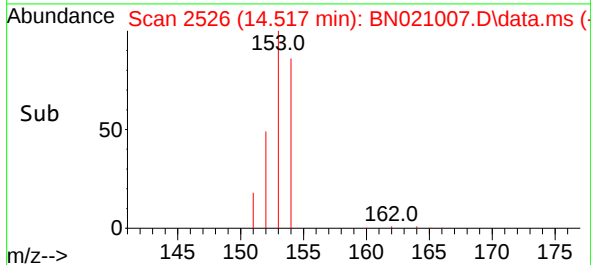
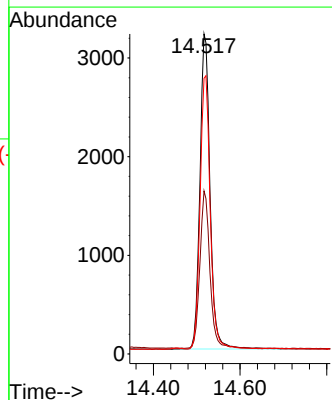
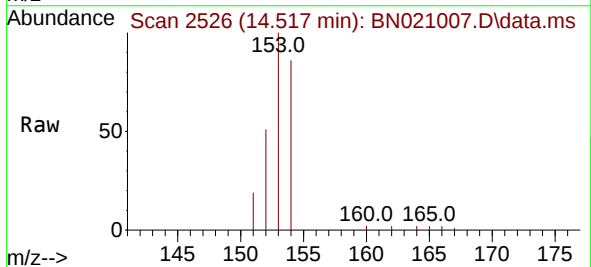
Instrument :
BNA_N
ClientSampleId :
SLCS744

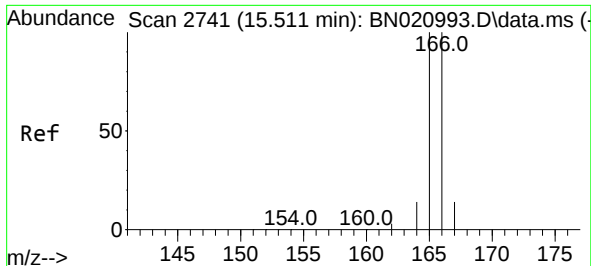
Tgt Ion:152 Resp: 6416
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 14.6 11.2 16.8



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:153 Resp: 5178
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 86.1 70.7 106.1

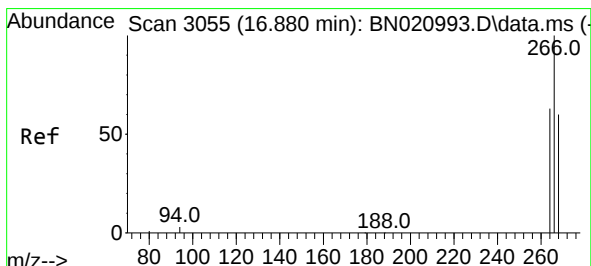
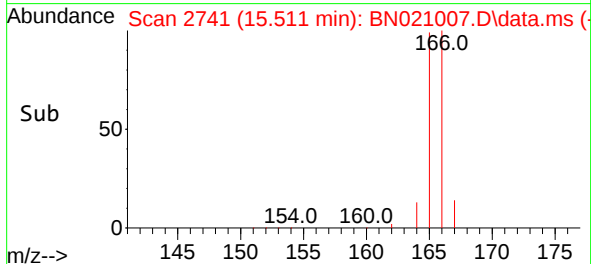
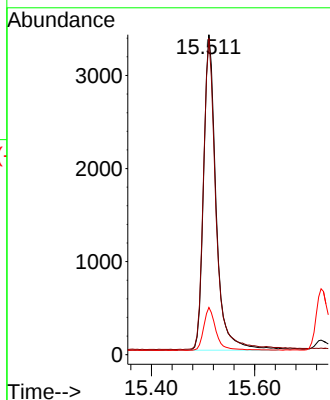
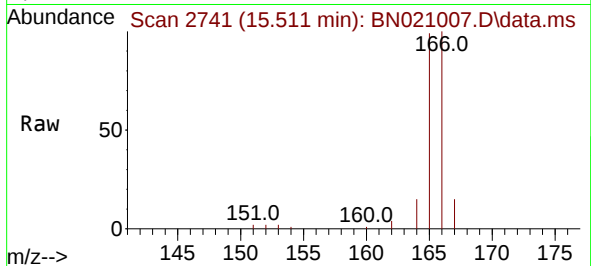




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

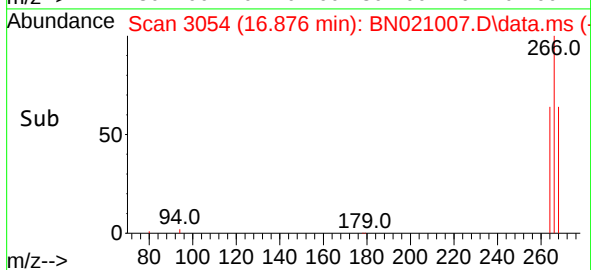
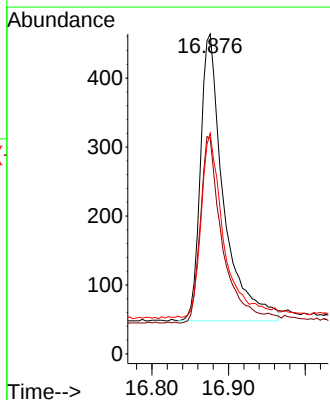
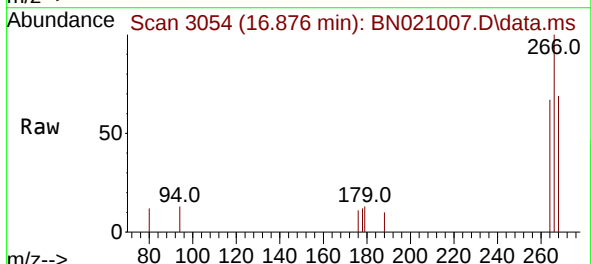
Instrument :
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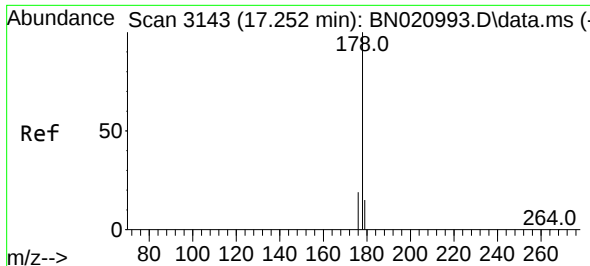
Tgt Ion:166 Resp: 5682
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 14.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.666 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:266 Resp: 876
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 62.8 50.6 75.8

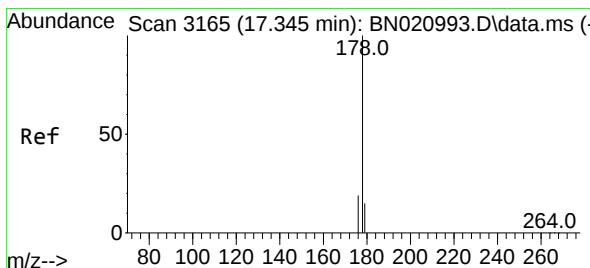
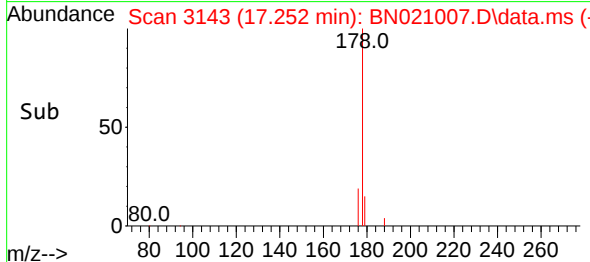
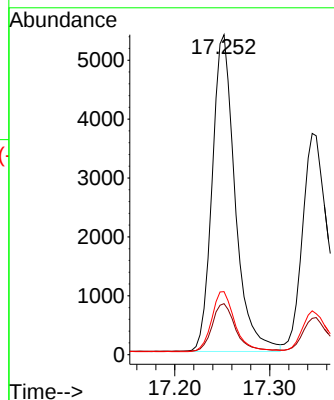
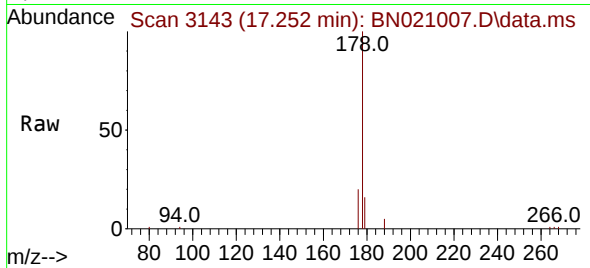




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.252 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

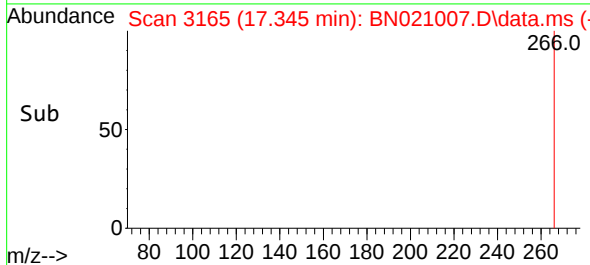
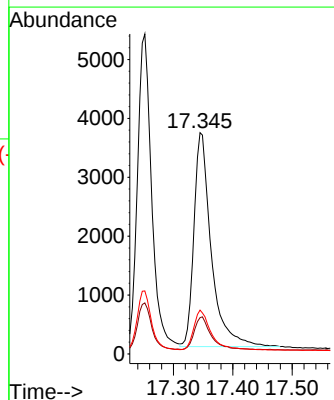
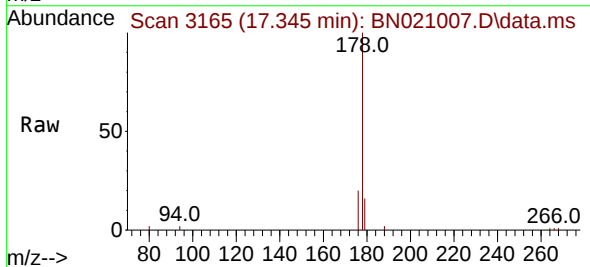
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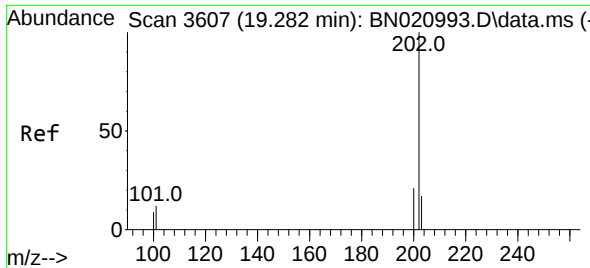
Tgt Ion:178 Resp: 9043
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:178 Resp: 7366
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.8 15.9 23.9

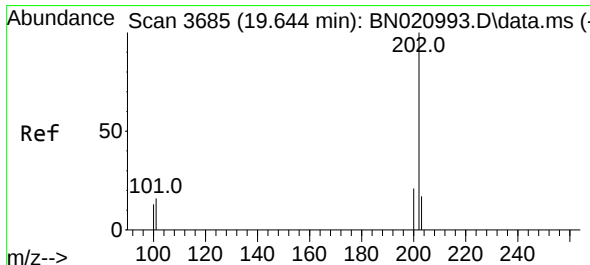
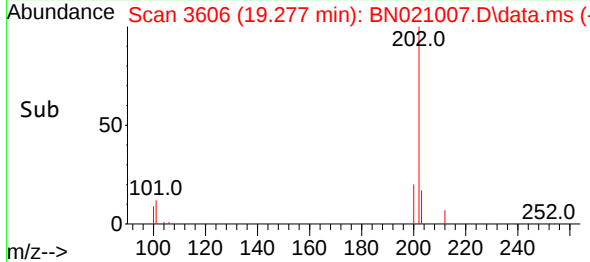
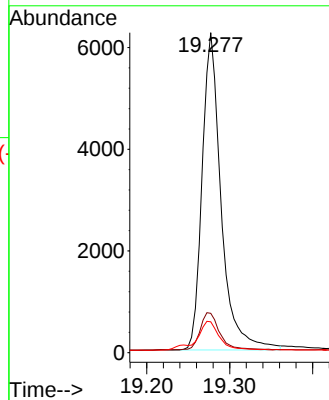
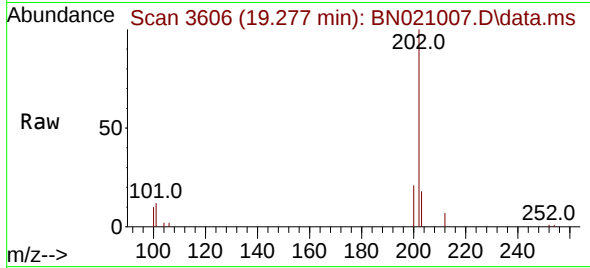




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

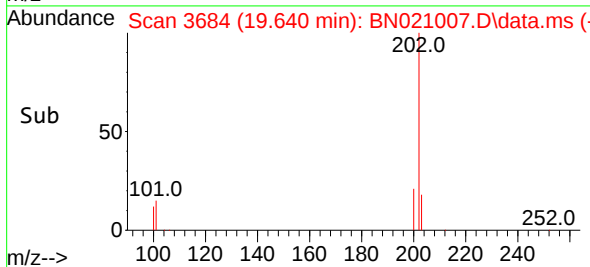
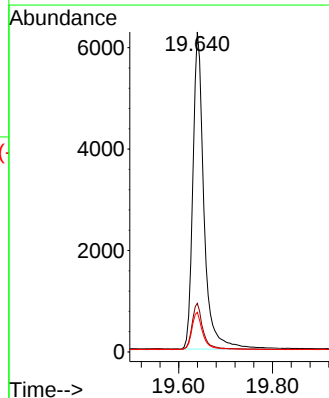
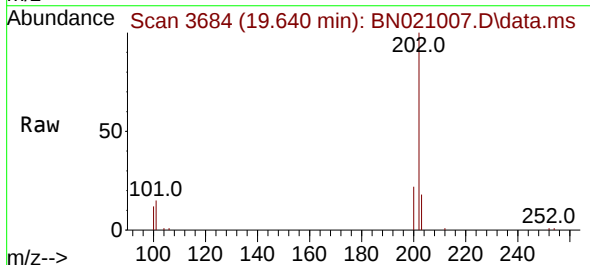
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ClientSampleId :
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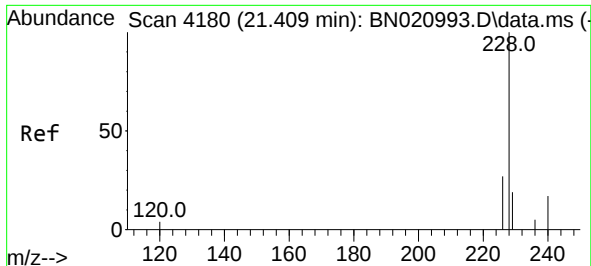
Tgt Ion:202 Resp: 9982
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:202 Resp: 10263
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.4 9.0 13.4

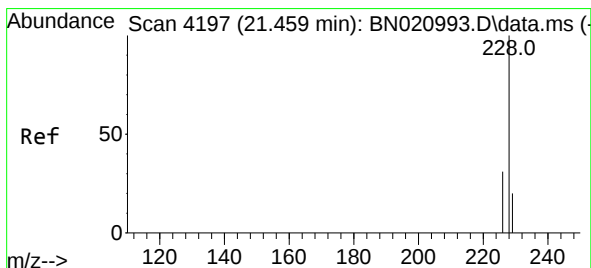
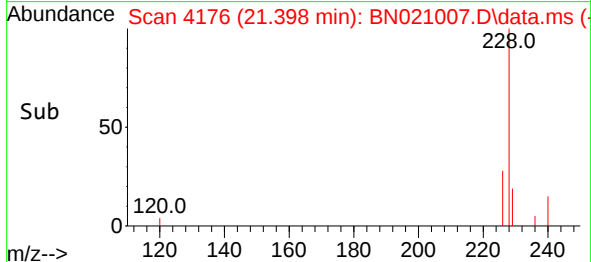
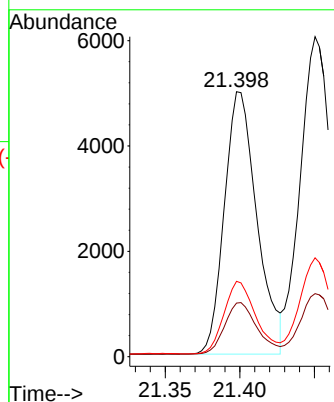
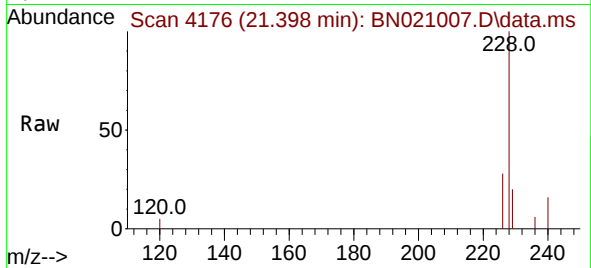




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.398 min Scan# 4180
Delta R.T. -0.009 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

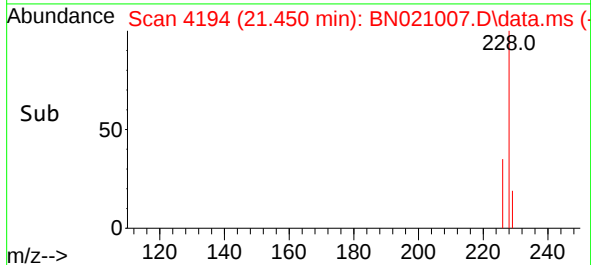
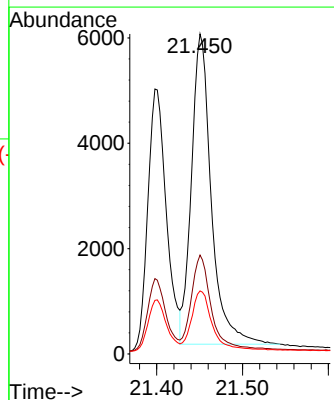
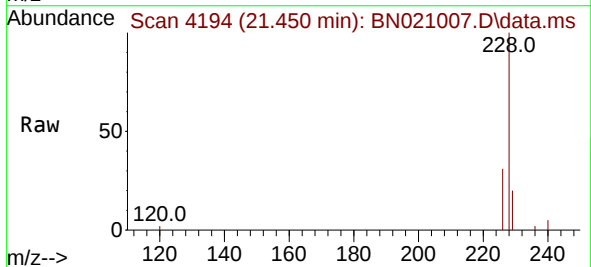
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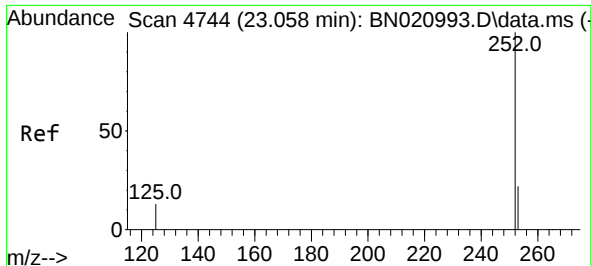
Tgt Ion:228 Resp: 7581
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.5 21.9 32.9



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:228 Resp: 9464
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.7 15.8 23.8

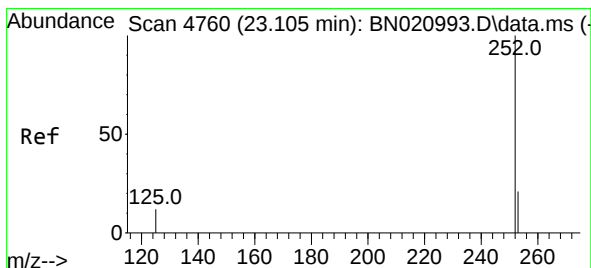
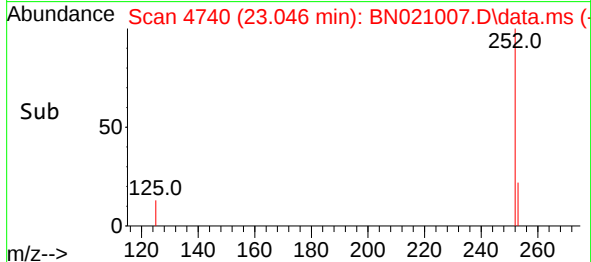
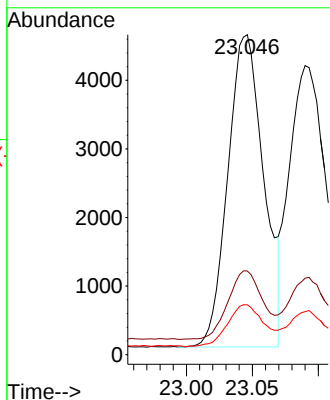
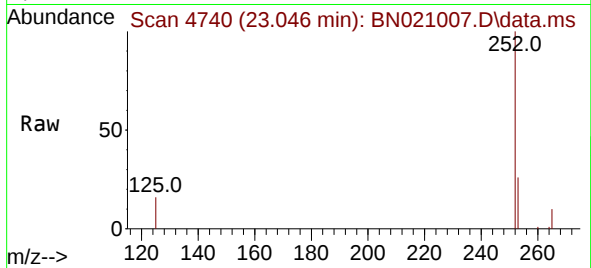




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.046 min Scan# 4744
Delta R.T. -0.006 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

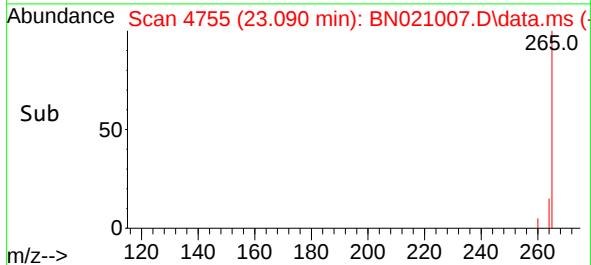
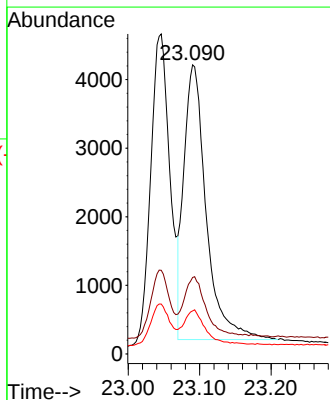
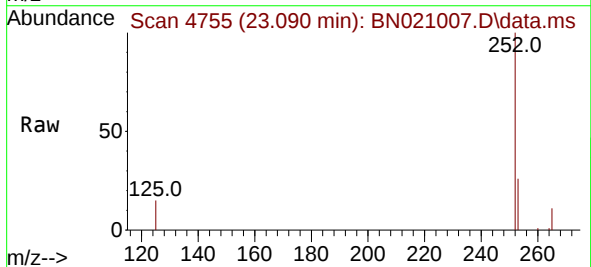
Instrument :
BNA_N
ClientSampleId :
SLCS744

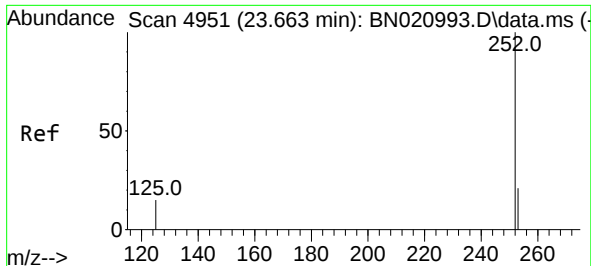
Tgt Ion:252 Resp: 8631
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.8
125 15.6 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:252 Resp: 8689
Ion Ratio Lower Upper
252 100
253 26.5 20.6 31.0
125 14.9 11.8 17.6

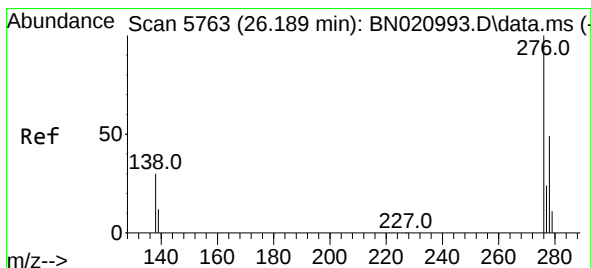
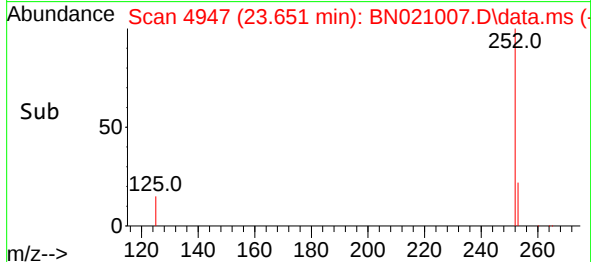
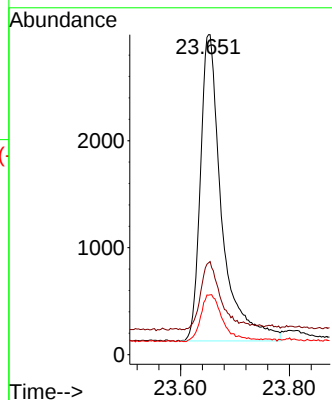
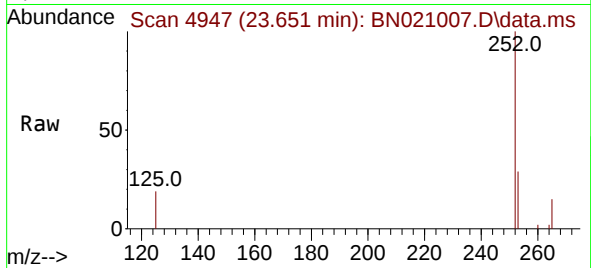




#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.651 min Scan# 4947
Delta R.T. -0.009 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

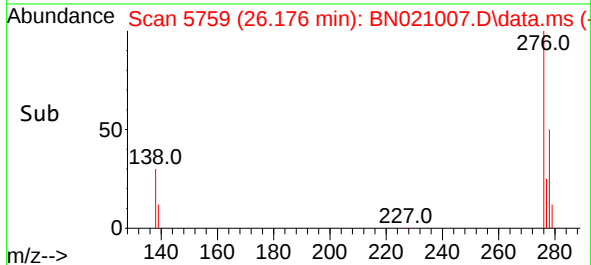
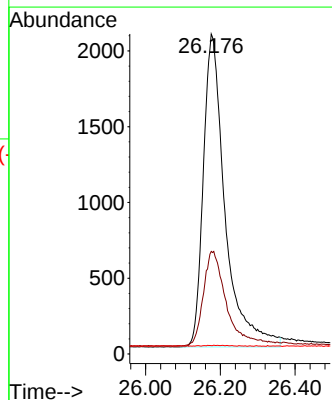
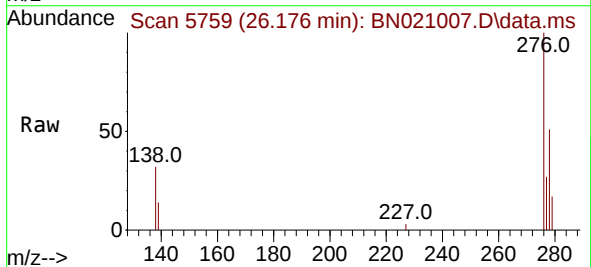
Instrument :
BNA_N
ClientSampleId :
SLCS744

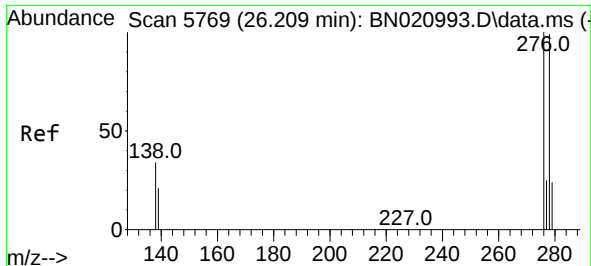
Tgt Ion:252 Resp: 7809
Ion Ratio Lower Upper
252 100
253 28.7 22.1 33.1
125 18.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. -0.010 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:276 Resp: 8334
Ion Ratio Lower Upper
276 100
138 32.6 26.1 39.1
227 0.0 0.1 0.1#

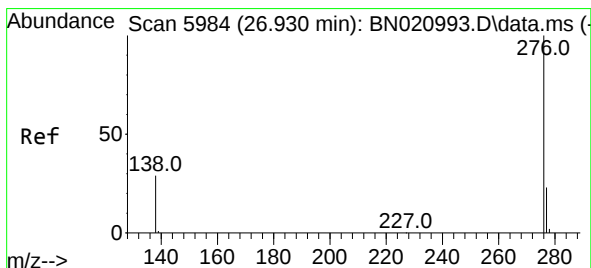
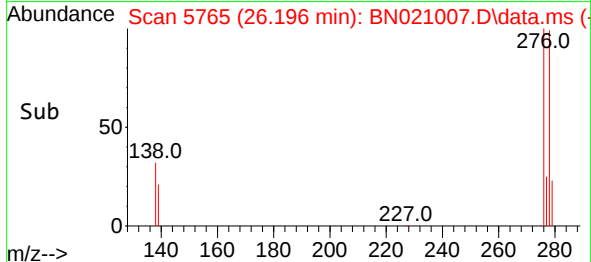
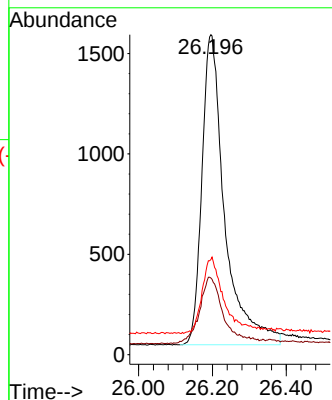
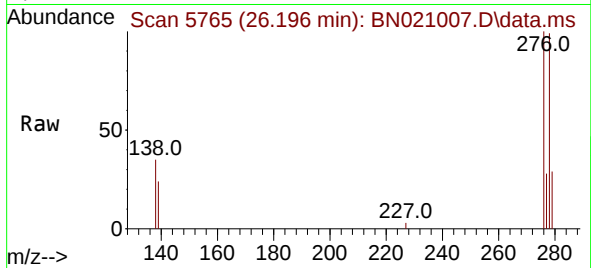




#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Instrument :
BNA_N
ClientSampleId :
SLCS744

Tgt Ion:278 Resp: 6635
Ion Ratio Lower Upper
278 100
139 24.0 18.3 27.5
279 29.7 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.013 min
Lab File: BN021007.D
Acq: 05 Aug 2022 02:18

Tgt Ion:276 Resp: 7580
Ion Ratio Lower Upper
276 100
138 29.2 22.6 34.0
277 25.3 20.2 30.2

