

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
 Data File : BN020926.D
 Acq On : 01 Aug 2022 19:00
 Operator : CG/JU
 Sample : SST0.122
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1223

Quant Time: Aug 02 03:36:07 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 03:35:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

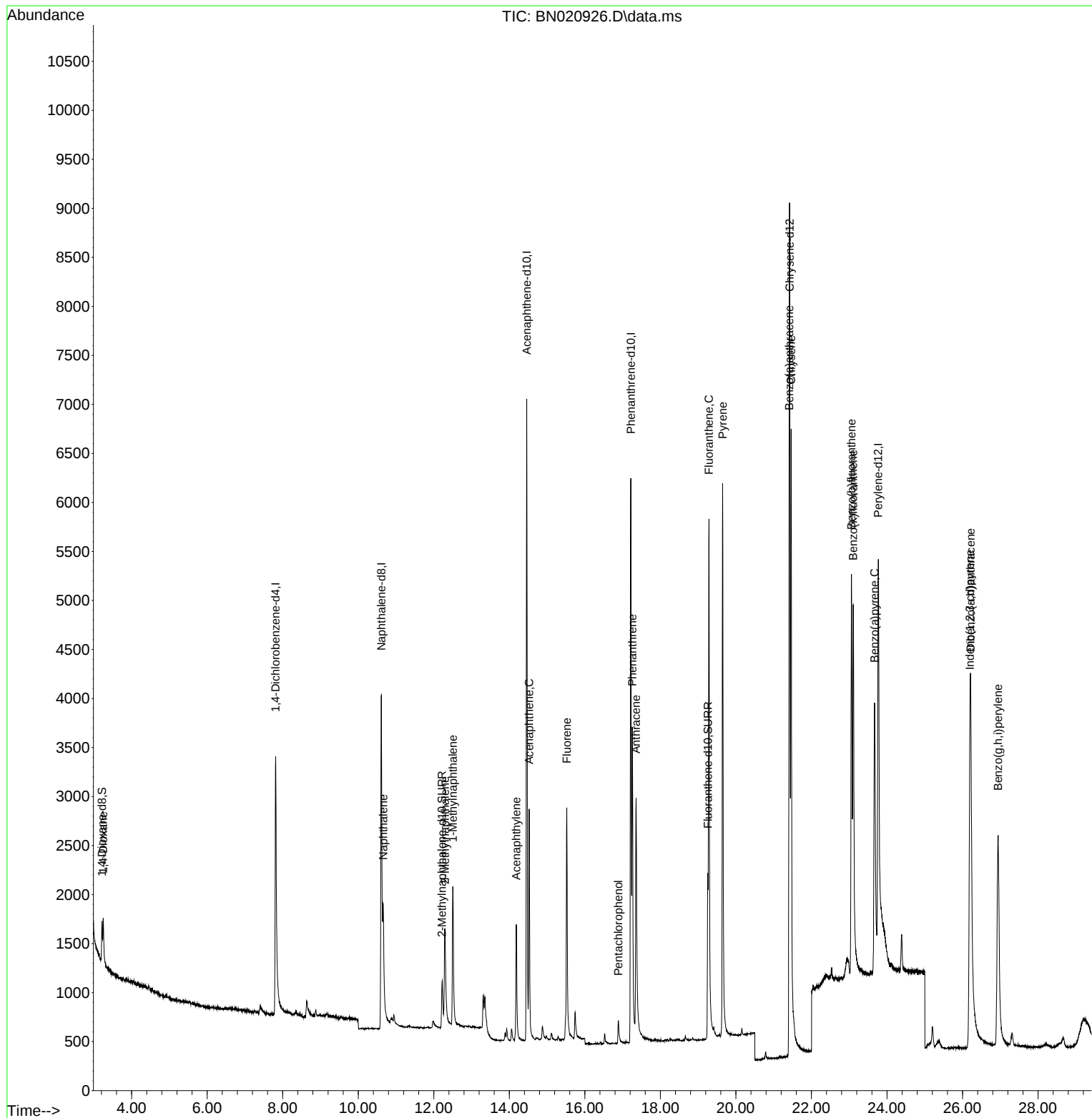
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.613	136	6838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	4013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.218	188	8059	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	7248	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	6672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	297	0.115	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.219	152	981	0.094	ng/ul	0.01
18) Fluoranthene-d10	19.259	212	2245	0.097	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	362	0.136	ng/ul#	78
5) Naphthalene	10.662	128	2022	0.094	ng/ul#	89
7) 2-Methylnaphthalene	12.296	142	1162	0.086	ng/ul	100
8) 1-Methylnaphthalene	12.505	142	1293	0.099	ng/ul	99
10) Acenaphthylene	14.184	152	1763	0.088	ng/ul#	91
11) Acenaphthene	14.526	153	1530	0.095	ng/ul	99
12) Fluorene	15.521	166	1884	0.106	ng/ul#	96
14) Pentachlorophenol	16.889	266	233	0.192	ng/ul	92
15) Phenanthrene	17.260	178	3951	0.134	ng/ul	97
16) Anthracene	17.357	178	3846	0.163	ng/ul	97
19) Fluoranthene	19.287	202	5508	0.162	ng/ul	99
20) Pyrene	19.649	202	6048	0.171	ng/ul	97
21) Benzo(a)anthracene	21.410	228	4838	0.202	ng/ul	98
22) Chrysene	21.462	228	6190	0.201	ng/ul	99
24) Benzo(b)fluoranthene	23.061	252	5630	0.178	ng/ul	90
25) Benzo(k)fluoranthene	23.108	252	6337	0.194	ng/ul	94
26) Benzo(a)pyrene	23.669	252	5470	0.188	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.196	276	6368	0.208	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.219	278	5431	0.232	ng/ul	96
29) Benzo(g,h,i)perylene	26.944	276	5834	0.211	ng/ul	97

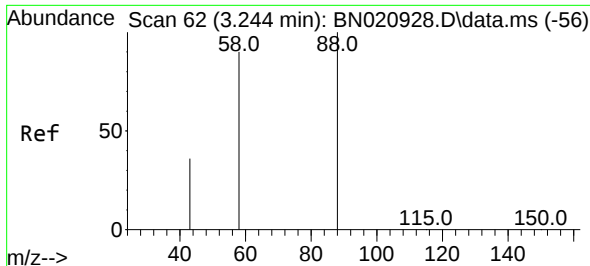
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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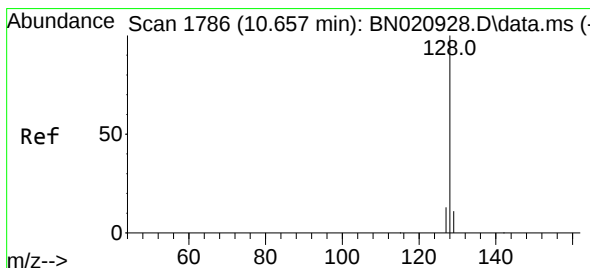
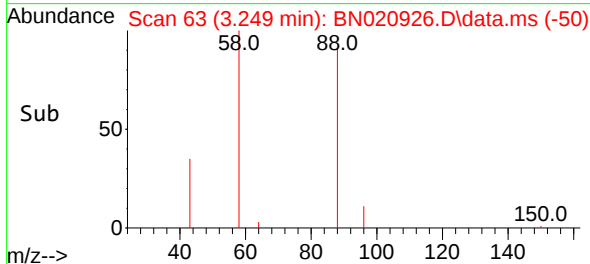
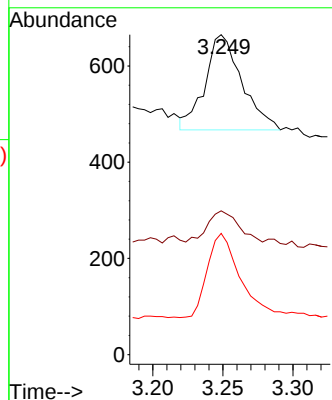
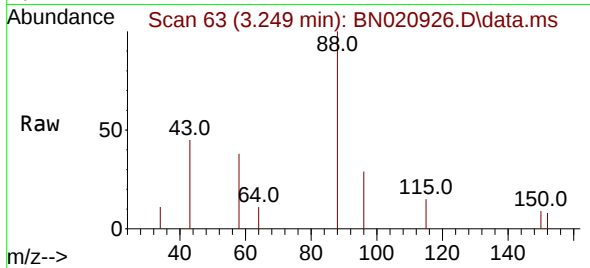




#2
 1,4-Dioxane
 Concen: 0.136 ng/ul
 RT: 3.249 min Scan# 61
 Delta R.T. 0.005 min
 Lab File: BN020926.D
 Acq: 01 Aug 2022 19:00

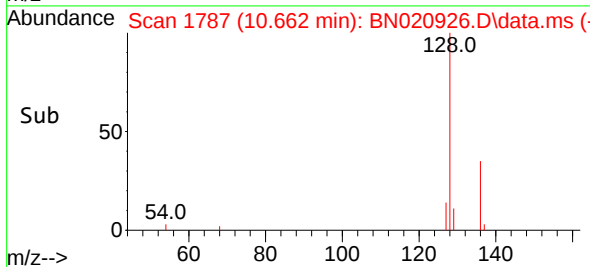
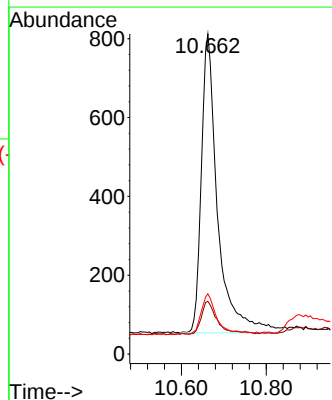
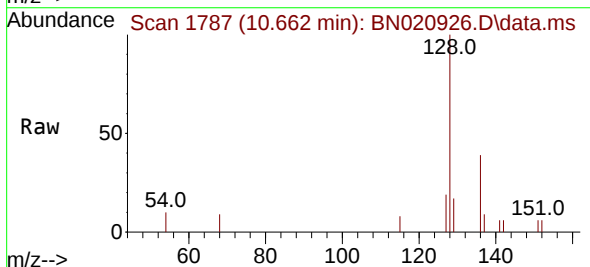
Instrument :
 BNA_N
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 SST0.1223

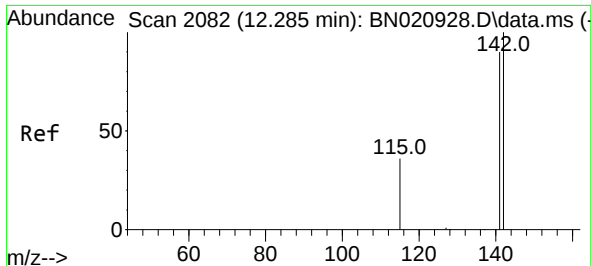
Tgt Ion: 88 Resp: 362
 Ion Ratio Lower Upper
 88 100
 43 45.0 31.4 47.0
 58 37.9 49.0 73.6#



#5
 Naphthalene
 Concen: 0.094 ng/ul
 RT: 10.662 min Scan# 1787
 Delta R.T. 0.006 min
 Lab File: BN020926.D
 Acq: 01 Aug 2022 19:00

Tgt Ion: 128 Resp: 2022
 Ion Ratio Lower Upper
 128 100
 129 16.5 9.8 14.6#
 127 18.8 11.6 17.4#

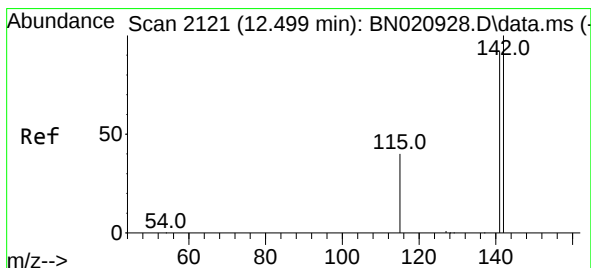
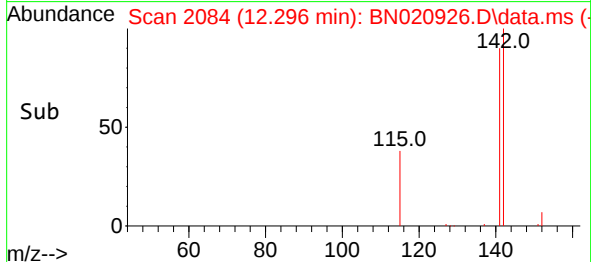
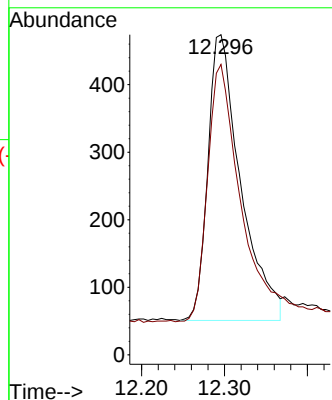
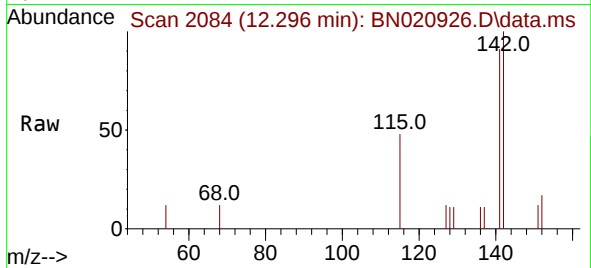




#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.296 min Scan# 2084
Delta R.T. 0.011 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

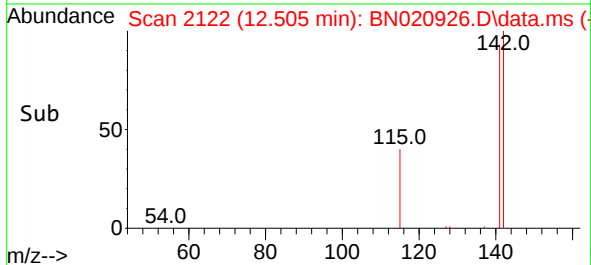
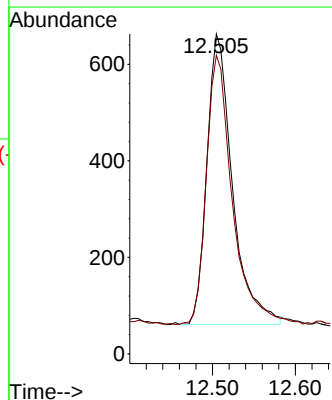
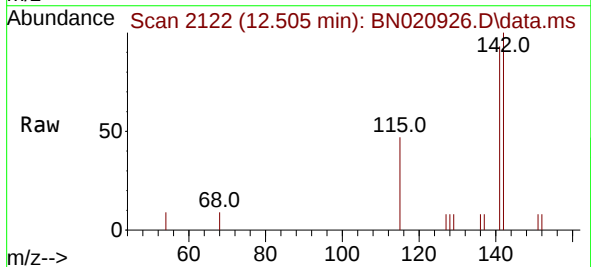
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

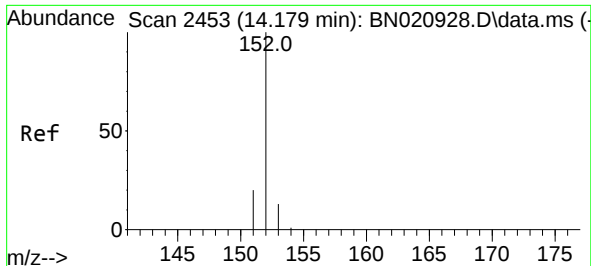
Tgt Ion:142 Resp: 1162
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:142 Resp: 1293
Ion Ratio Lower Upper
142 100
141 93.5 73.9 110.9

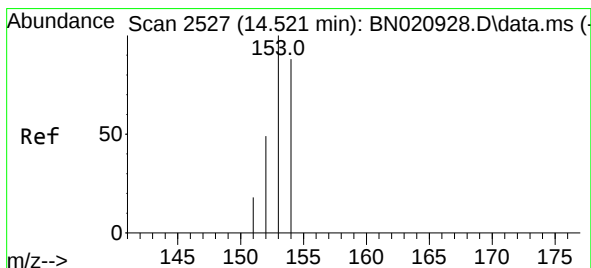
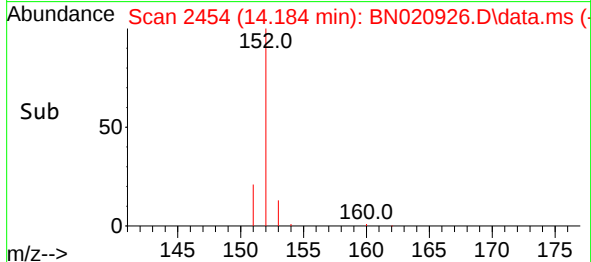
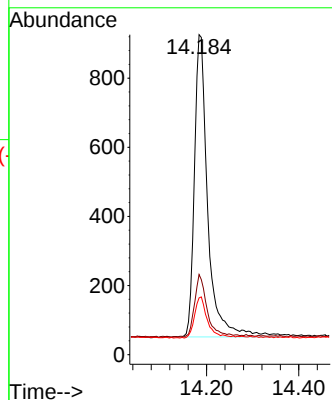
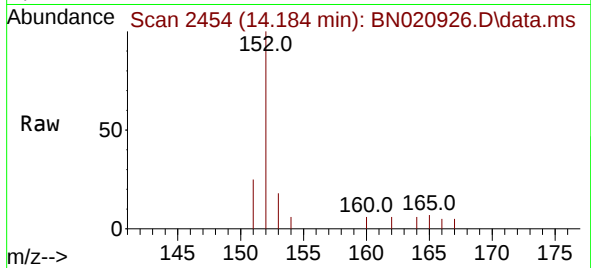




#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.184 min Scan# 2453
Delta R.T. 0.005 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

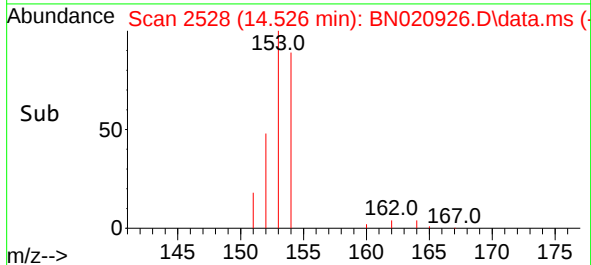
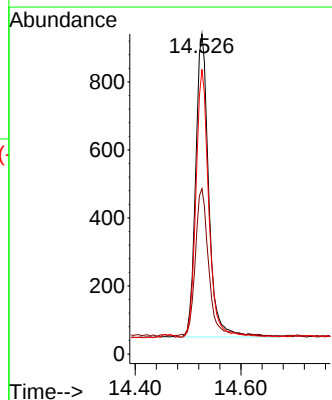
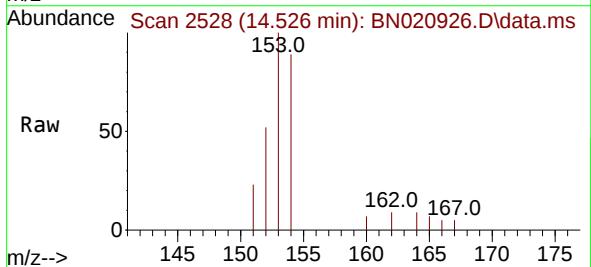
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

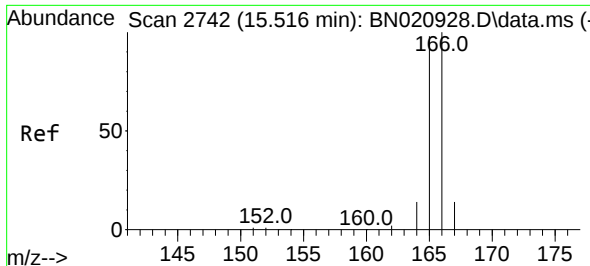
Tgt Ion:152 Resp: 1763
Ion Ratio Lower Upper
152 100
151 25.1 16.9 25.3
153 17.7 11.2 16.8#



#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.526 min Scan# 2528
Delta R.T. 0.005 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:153 Resp: 1530
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 88.9 70.7 106.1

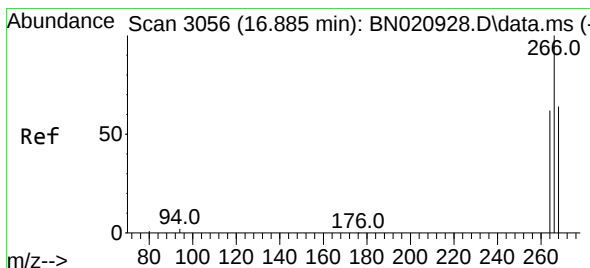
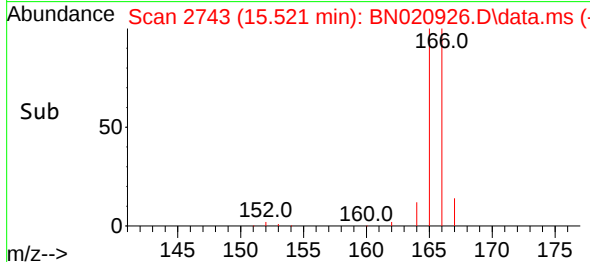
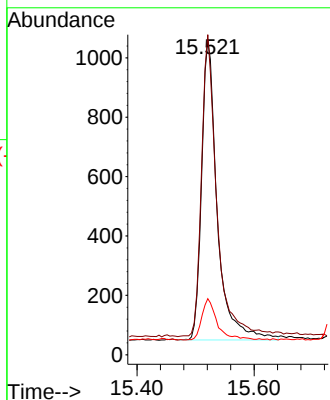
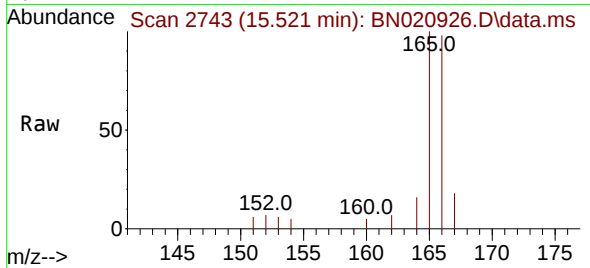




#12
 Fluorene
 Concen: 0.106 ng/ul
 RT: 15.521 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN020926.D
 Acq: 01 Aug 2022 19:00

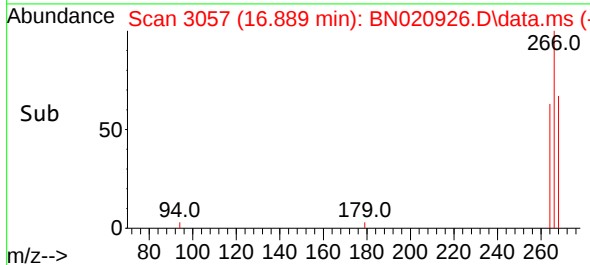
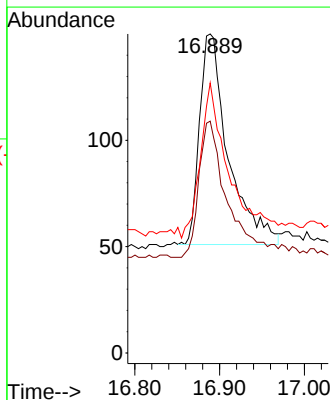
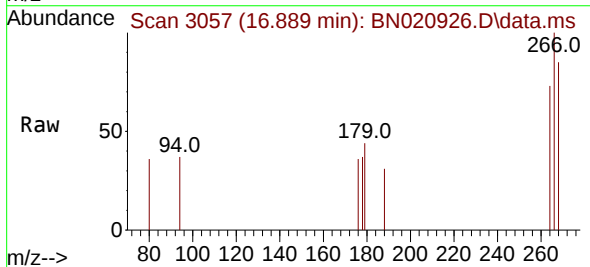
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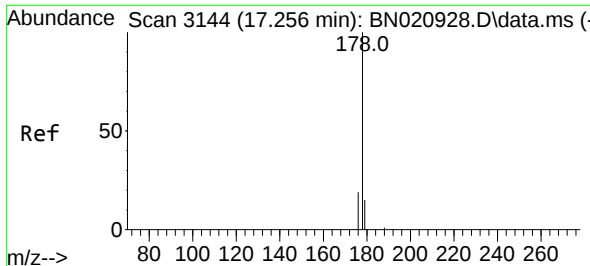
Tgt Ion:166 Resp: 1884
 Ion Ratio Lower Upper
 166 100
 165 101.8 78.6 117.8
 167 17.8 11.8 17.6#



#14
 Pentachlorophenol
 Concen: 0.192 ng/ul
 RT: 16.889 min Scan# 3057
 Delta R.T. 0.004 min
 Lab File: BN020926.D
 Acq: 01 Aug 2022 19:00

Tgt Ion:266 Resp: 233
 Ion Ratio Lower Upper
 266 100
 264 64.4 49.8 74.8
 268 73.4 50.6 75.8

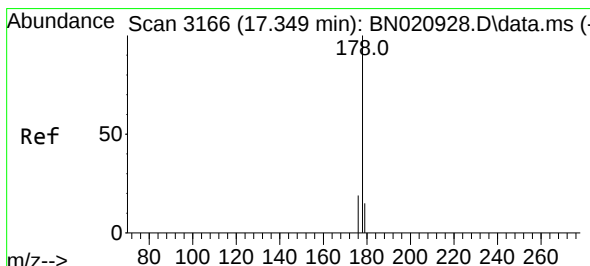
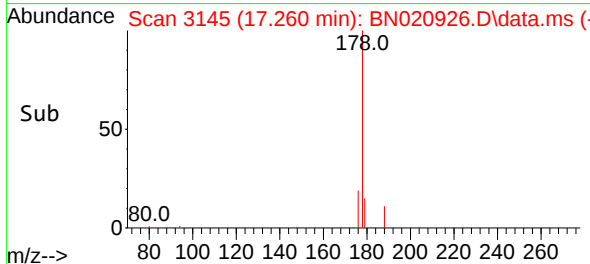
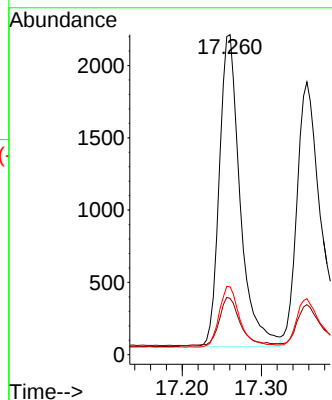
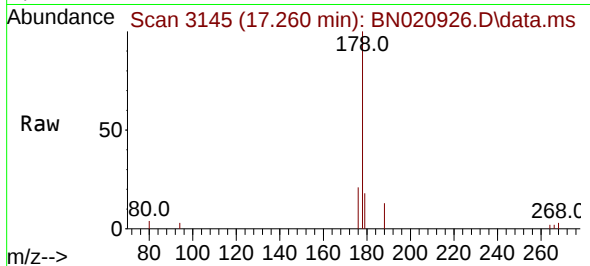




#15
Phenanthrene
Concen: 0.134 ng/ul
RT: 17.260 min Scan# 3144
Delta R.T. 0.004 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

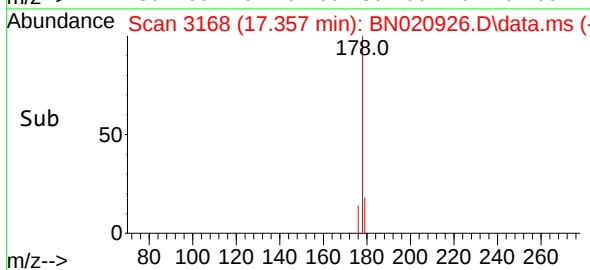
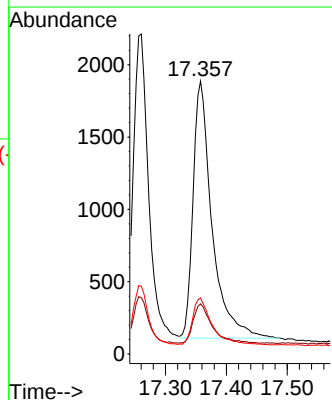
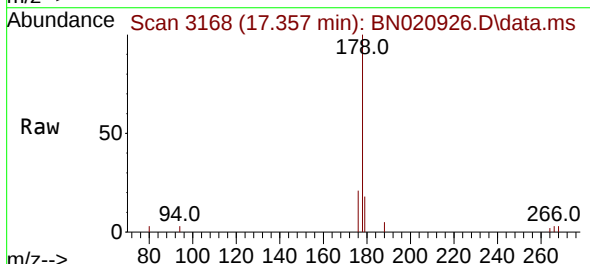
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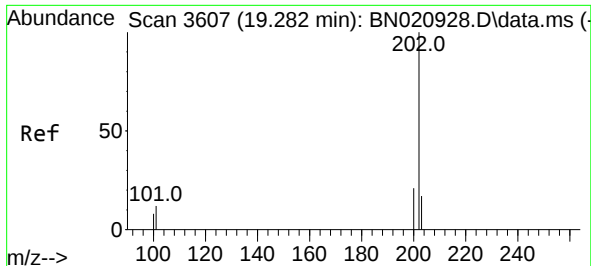
Tgt Ion:178 Resp: 3951
Ion Ratio Lower Upper
178 100
179 17.6 12.8 19.2
176 21.2 15.9 23.9



#16
Anthracene
Concen: 0.163 ng/ul
RT: 17.357 min Scan# 3168
Delta R.T. 0.009 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:178 Resp: 3846
Ion Ratio Lower Upper
178 100
179 18.4 12.9 19.3
176 20.6 15.9 23.9

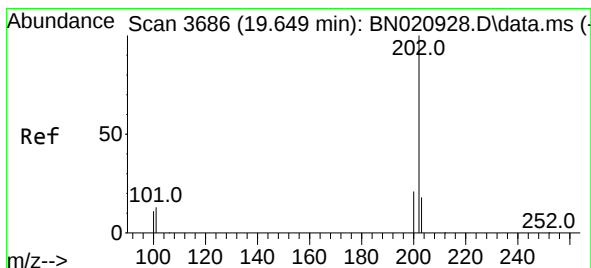
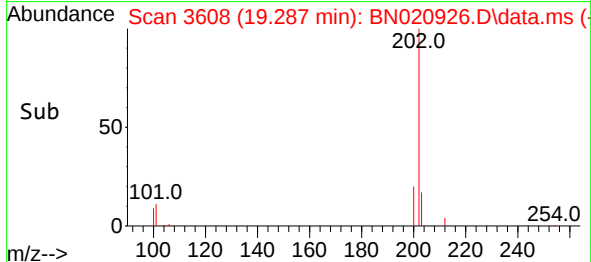
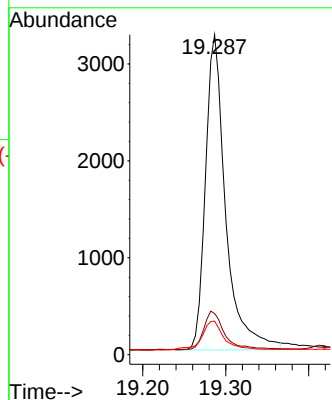
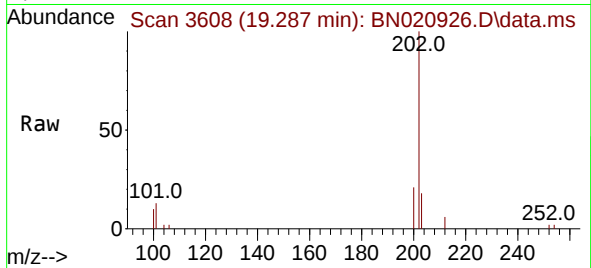




#19
Fluoranthene
Concen: 0.162 ng/ul
RT: 19.287 min Scan# 3608
Delta R.T. 0.005 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

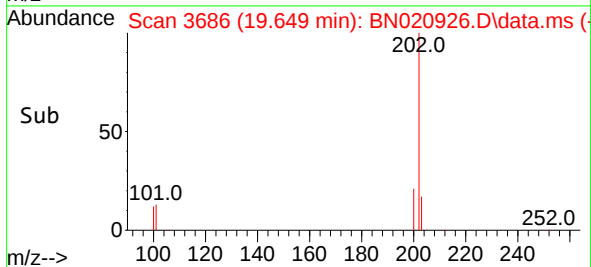
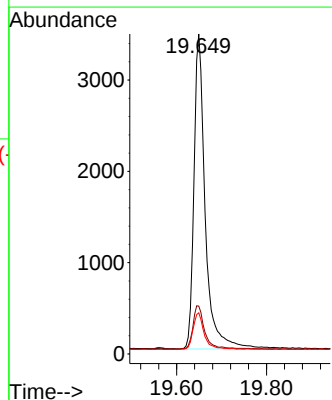
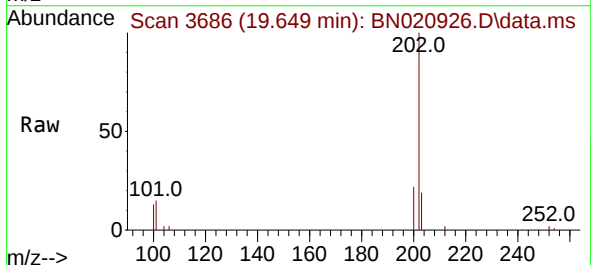
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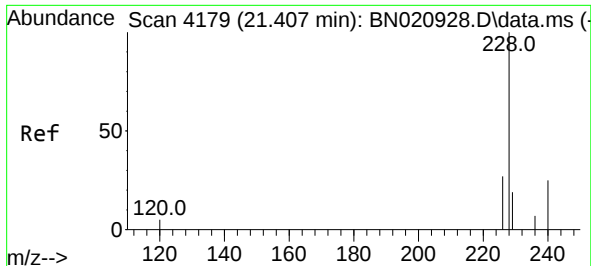
Tgt Ion:202 Resp: 5508
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.5 8.0 12.0



#20
Pyrene
Concen: 0.171 ng/ul
RT: 19.649 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:202 Resp: 6048
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 12.8 9.0 13.4

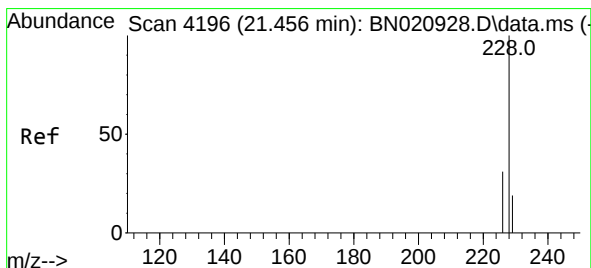
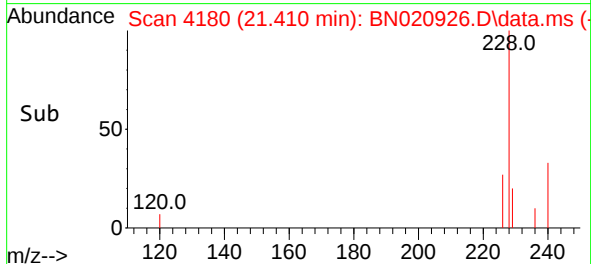
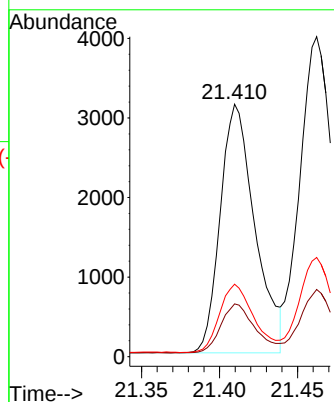
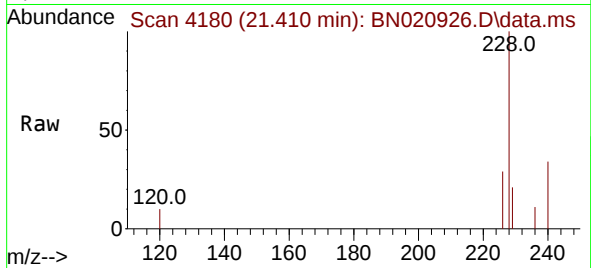




#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.410 min Scan# 4179
Delta R.T. 0.003 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

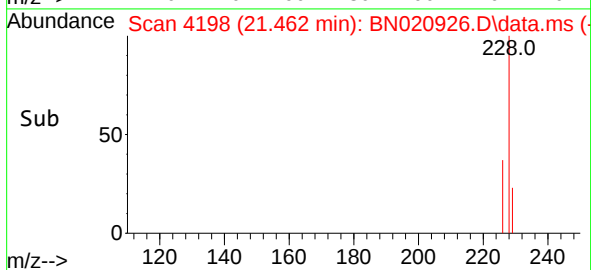
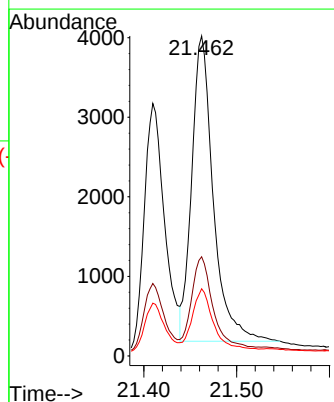
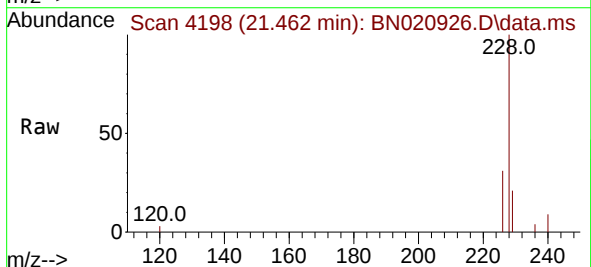
Instrument :
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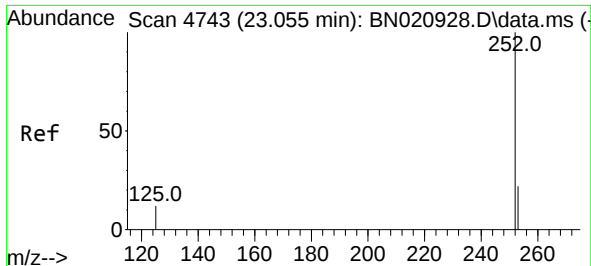
Tgt Ion:228 Resp: 4838
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.7 21.9 32.9



#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.462 min Scan# 4198
Delta R.T. 0.006 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:228 Resp: 6190
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 21.0 15.8 23.8

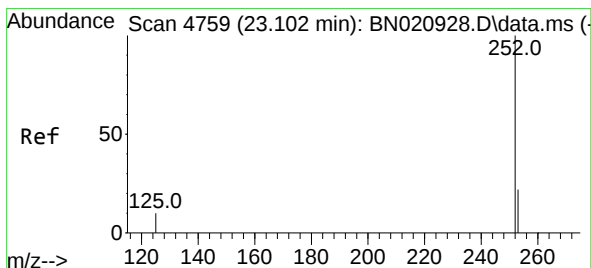
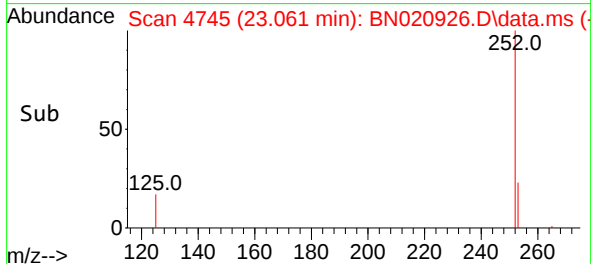
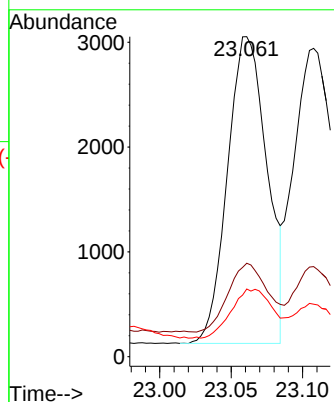
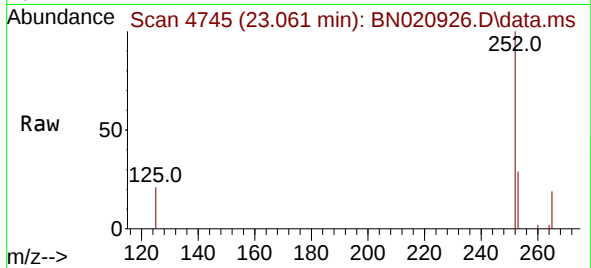




#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul
RT: 23.061 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

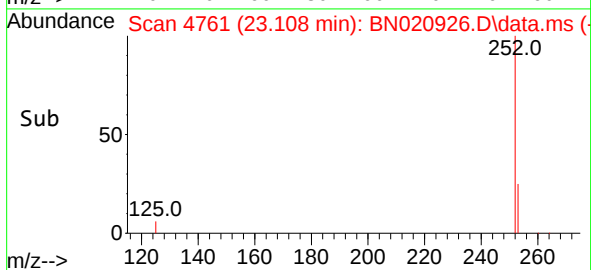
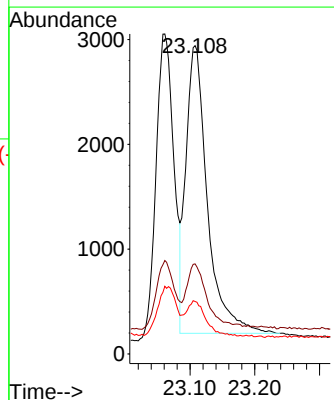
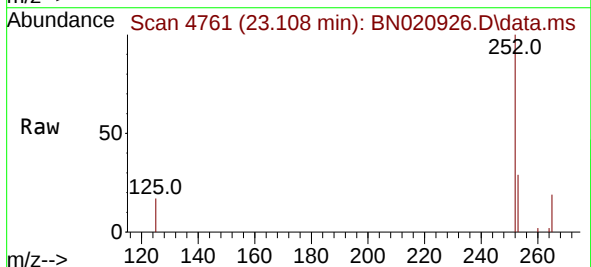
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

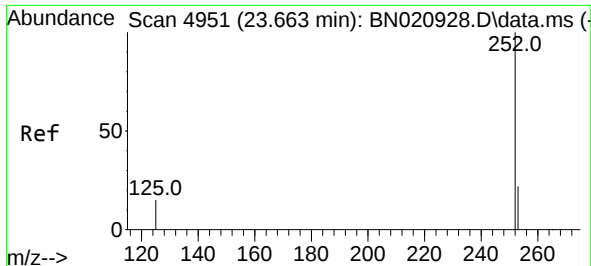
Tgt Ion:252 Resp: 5630
Ion Ratio Lower Upper
252 100
253 29.2 0.0 50.8
125 21.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.194 ng/ul
RT: 23.108 min Scan# 4761
Delta R.T. 0.006 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:252 Resp: 6337
Ion Ratio Lower Upper
252 100
253 29.2 20.6 31.0
125 17.0 11.8 17.6

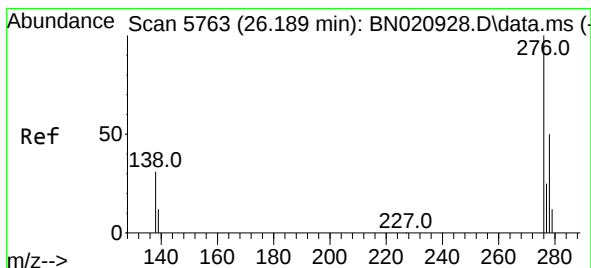
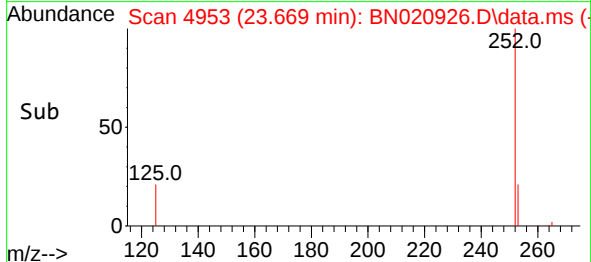
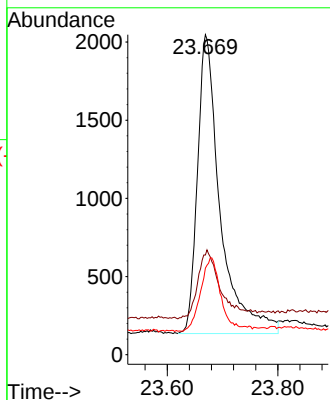
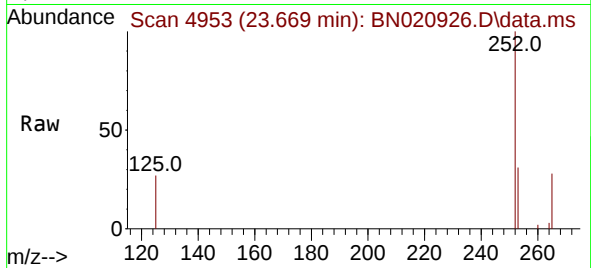




#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.669 min Scan# 4951
Delta R.T. 0.006 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

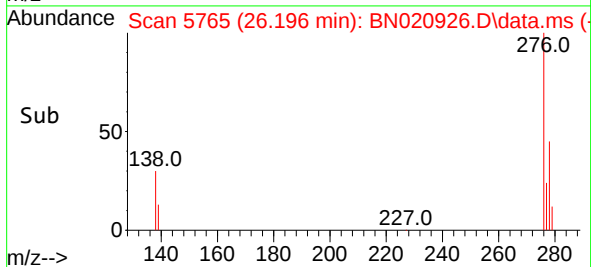
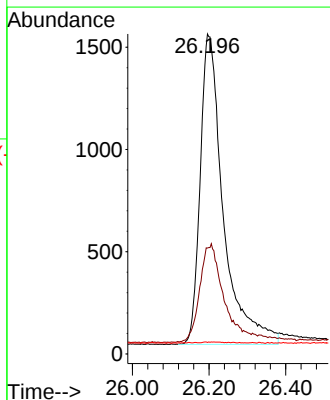
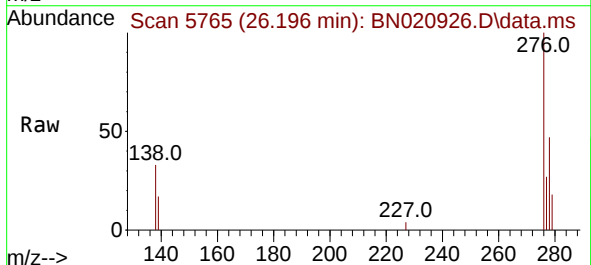
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

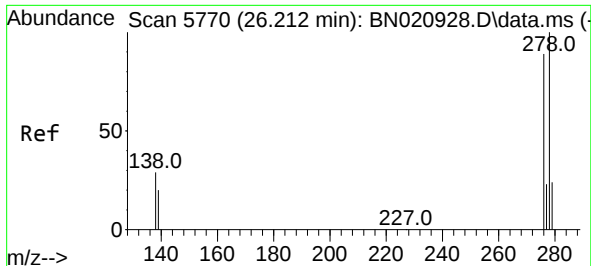
Tgt Ion:252 Resp: 5470
Ion Ratio Lower Upper
252 100
253 31.2 22.1 33.1
125 27.1 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 26.196 min Scan# 5765
Delta R.T. 0.007 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:276 Resp: 6368
Ion Ratio Lower Upper
276 100
138 34.4 26.1 39.1
227 0.0 0.1 0.1#

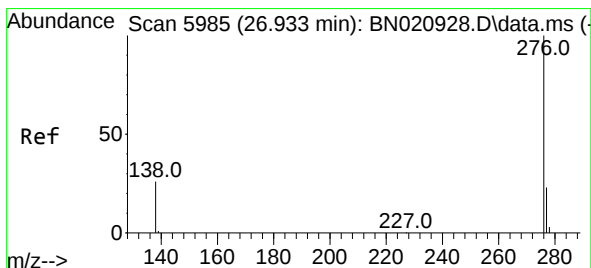
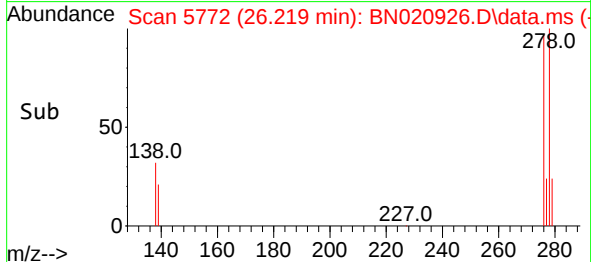
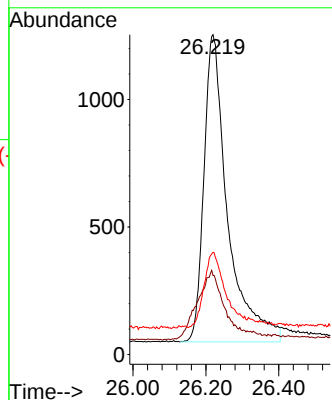
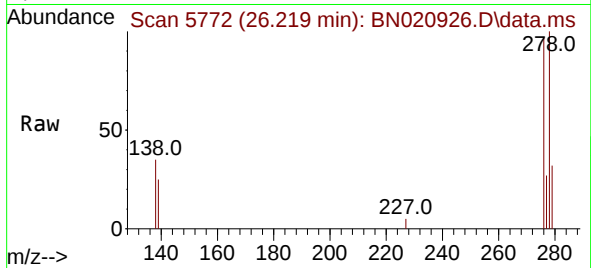




#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Tgt Ion:278 Resp: 5431
Ion Ratio Lower Upper
278 100
139 24.7 18.3 27.5
279 32.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 26.944 min Scan# 5988
Delta R.T. 0.010 min
Lab File: BN020926.D
Acq: 01 Aug 2022 19:00

Tgt Ion:276 Resp: 5834
Ion Ratio Lower Upper
276 100
138 29.7 22.6 34.0
277 26.7 20.2 30.2

