```
flow =
{4.6,12.3,7.1,7.0,4.0,9.2,6.7,6.9,11.5,5.1,3.8,11.2,10.5,14
.3,8.0,8.8,6.4,5.1,5.6,9.6,7.5,7.5,6.2,5.8,2.3,3.4,10.4,9.8
,6.6,3.7,6.4,6.0,8.3,6.5,7.6,9.3,9.2,7.3,5.0,6.3,13.8,6.2,5
.4,4.8,7.5,6.0,6.9,10.8,7.5,6.6,5.0,3.3,7.6,3.9,11.9,2.2,15
.0,7.2,6.1,15.3,18.9,7.2,5.4,5.5,4.3,9.0,12.7,11.3,7.4,5.0,
3.5,8.2,8.4,7.3,10.3,11.9,6.0,5.6,9.5,9.3,10.4,9.7,5.1,6.7,
10.2,6.2,8.4,7.0,4.8,5.6,10.5,14.6,10.8,15.5,7.5,6.4,3.4,5.
5,6.6,5.9,15.0,9.6,7.8,7.0,6.9,4.1,3.6,11.9,3.7,5.7,6.8,11.
3,9.3,9.6,10.4,9.3,6.9,9.8,9.1,10.6,4.5,6.2,8.3,3.2,4.9,5.0
,6.0,8.2,6.3}

ci[flow,.95]
{7.70775,129.,3.07684,0.95,{7.4504,7.96511}}

bootci[mean, flow, 10000, 0.95]
  {
  {Confidence Level, 0.95`},
  {Estimator, mean},
  {Estimate, 7.707751937984495`},
  {Sample Size, 129},
  {bs Replications #1, 10000},
  {bootstrap C ci Half Width, 0.5310077519379837`},
  {CI, {7.176744186046512`,8.238759689922478`}}
}
```
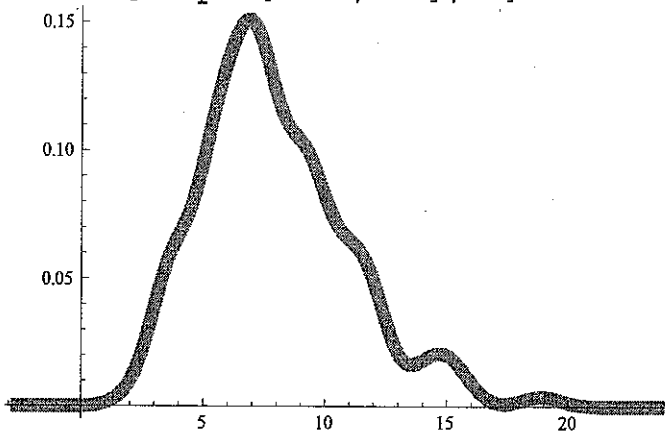
The results of the bootstrap ci vs the regular ci were
rather close.  They both estimated the mean to be 7.70775,
but the ci has a slightly smaller confidence interval,
{7.4504,7.96511} versus {7.17674418604,8.23875968992}.
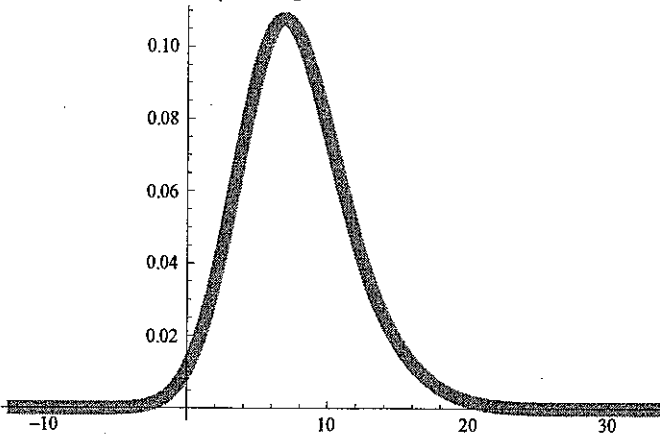They are very similar.
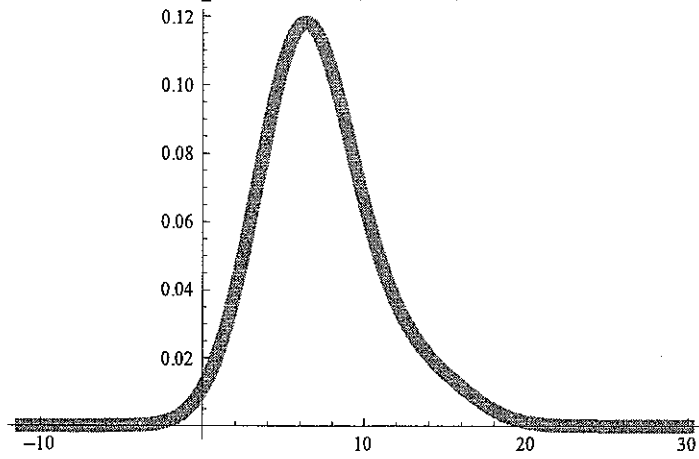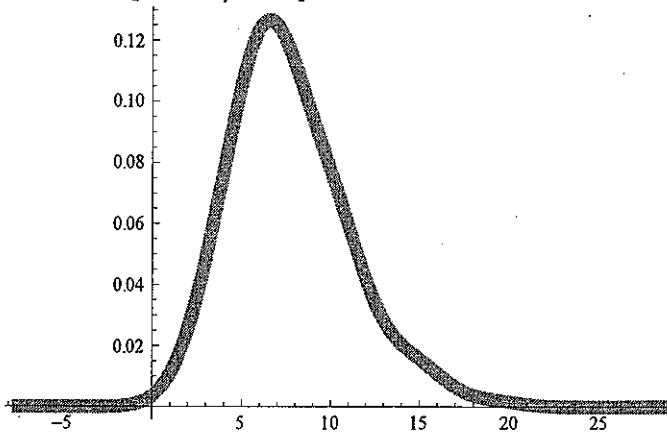
```
smooth[flow, .8]
```
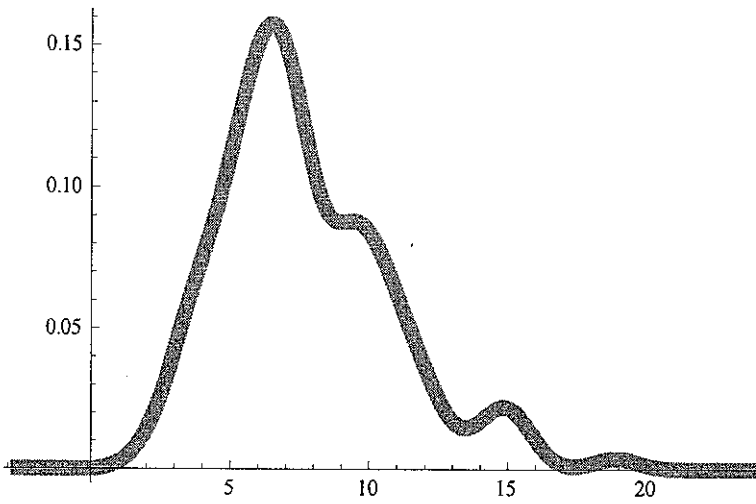
smooth[sample[flow,129],.8]



smooth[flow,2.4]
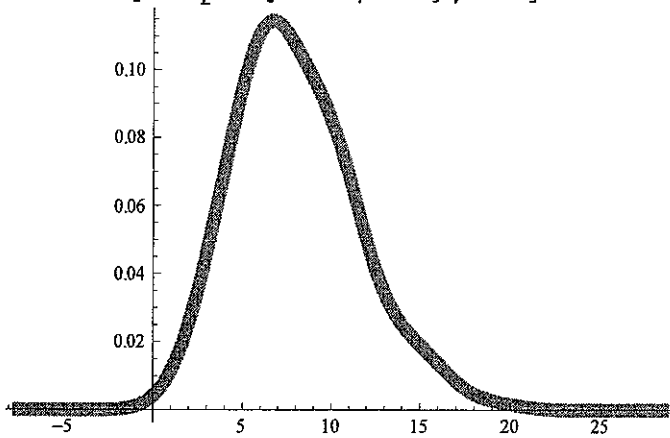
smooth[sample[flow,129],2.4]
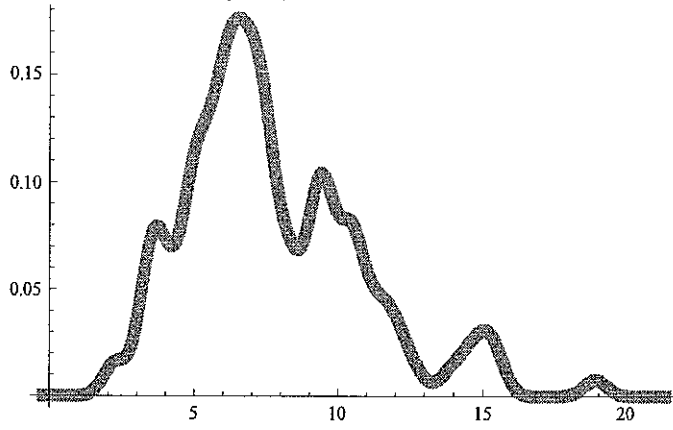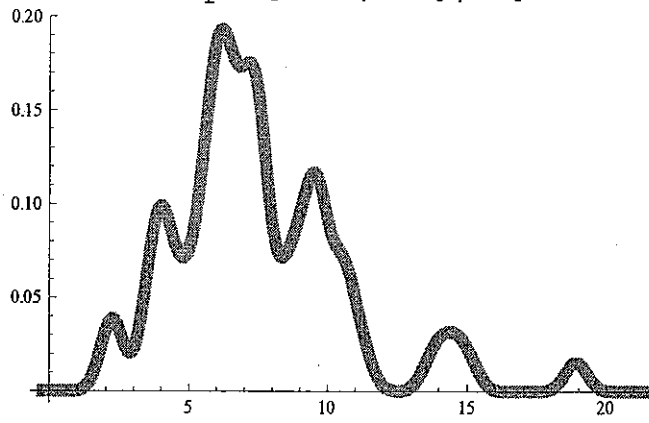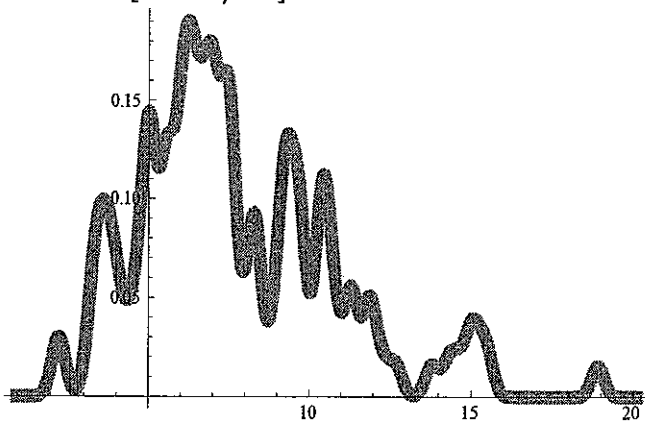


smooth[flow,1.6]
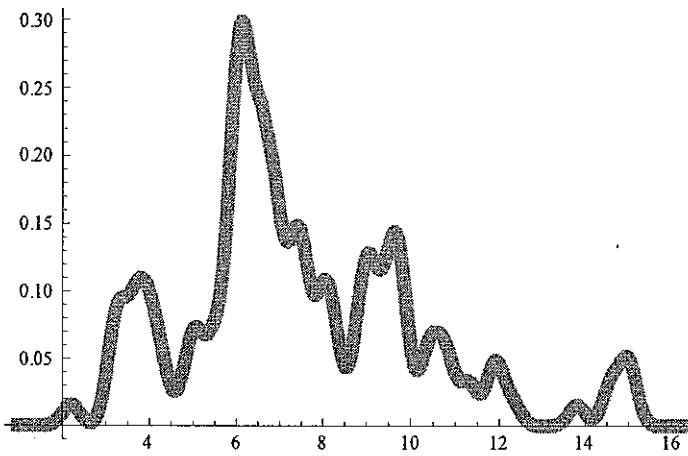


smooth[sample[flow,129],1.6]

smooth[flow,.4]



smooth[sample[flow,129],.4]



smooth[flow,.2]



smooth[sample[flow,129],.2]

I checked a variety of different bandwidths, when the bandwidth was .8 it looked rather close, but I tried larger just to see if it would get closer. It did, 2.4 was indistinguishable. Then I tried making it smaller. .4 was still what I would consider close enough, but .2 was too small of a bandwidth.