

**Assignment 16**

**Due:** *By Lecture, Wednesday, March 29*  
*Post as a lab pair.*

In your report for Lab 5, you will need to analyze data from the entire class regarding molecular weight data of your polymers and copolymer fraction of your P(*n*BA-*co*-S) copolymer. *As a lab pair*, post to the WebCT Discussion Board:

1.  $\overline{M}_n$ ,  $\overline{M}_w$ , and PDI for each of your Lab 5 polymers, as determined by GPC, along with your expected  $\overline{M}_n$ ;
2. Copolymer fraction  $F_S$  in your P(*n*BA-*co*-S), as determined by NMR, along with your expected  $F_S$ ; and

There is no need to turn in this sheet; your web post will be graded directly.