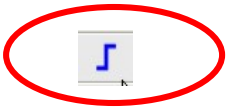
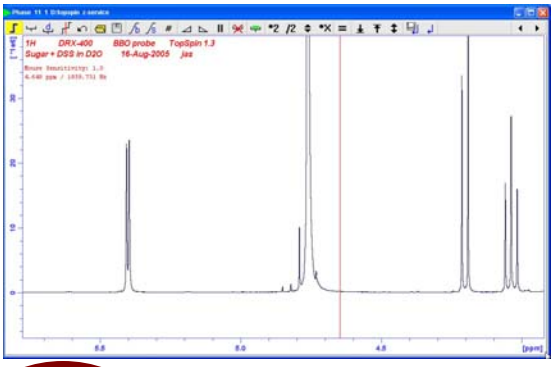
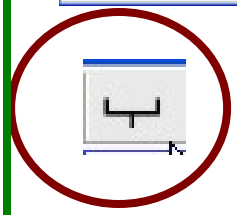
Define **Integrals** in TopSpin



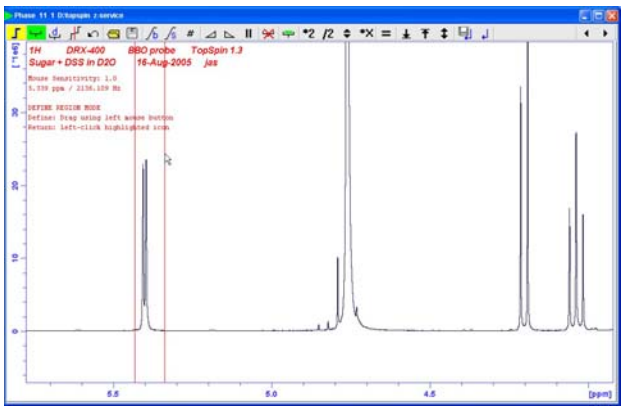


Integration Window.



Click on Define Integral Regions button

Button Highlights in “green” when activated

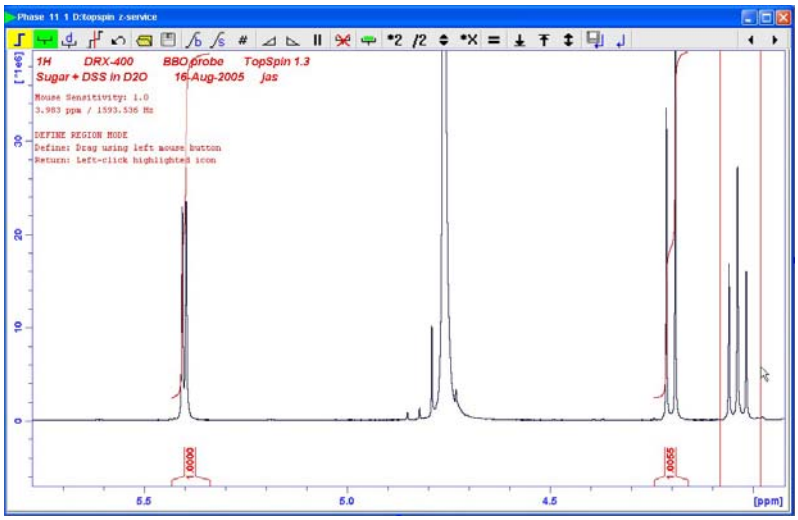


Drag Mouse-1 to define Integration regions.

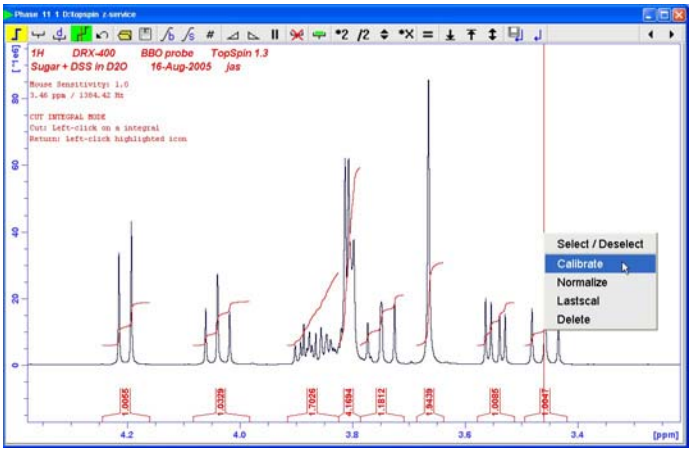
From the points where the peak goes into the baseline noise.

First region defined automatically is assigned a value **equal to 1.**

Define next Integral region.



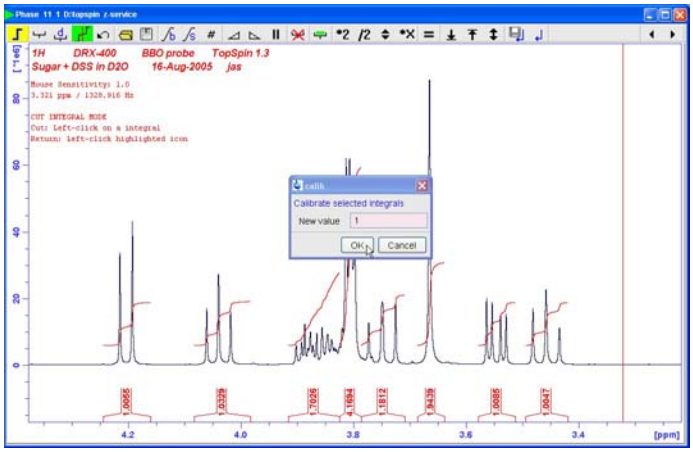
Integration Continued……

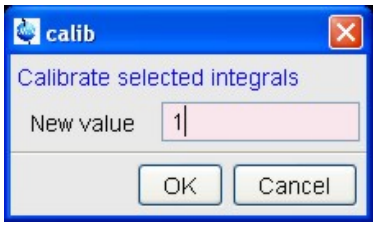


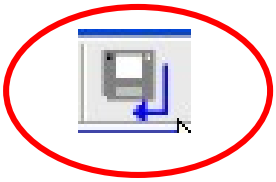
Mouse-3 over an integral region brings up a dialog box.

Here **Calibrate** to define a Normalization value.

Enter in new Integral calibration value.





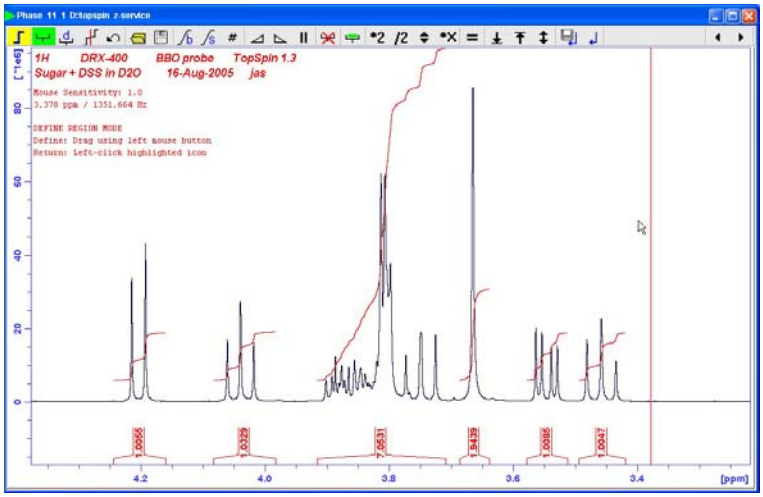


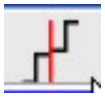
Save & Return when finished defining Integrals.

Integration Options Continued……

May decide that an integral region may work better as separate regions instead.

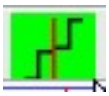
Can use the **Cut** routine.



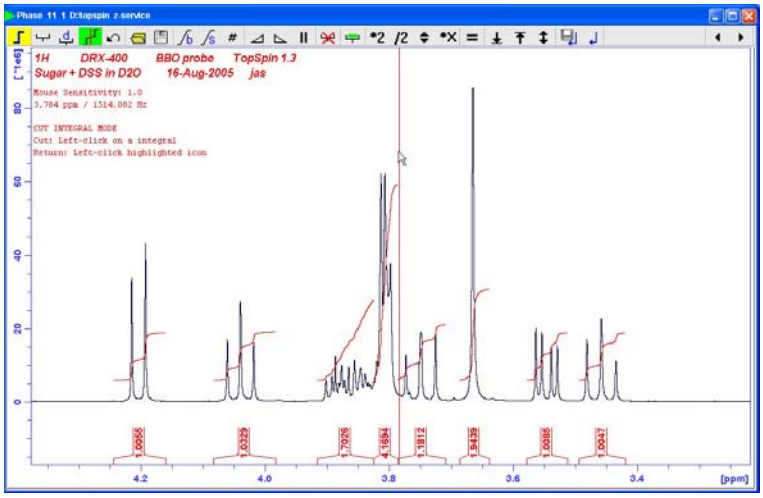


Cut Integral button

Button Highlights in “green” when activated



Click Mouse-1 at location where Integral is to be **cut**.

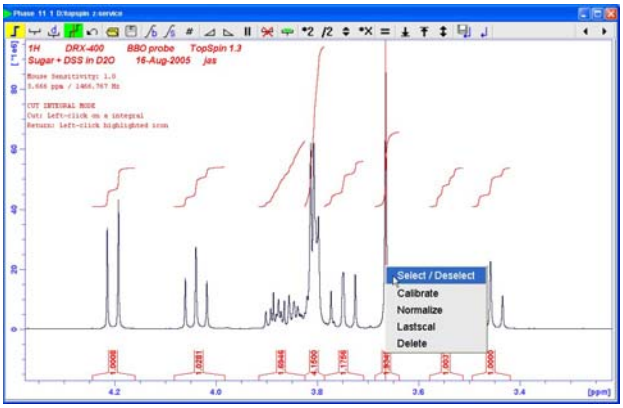


Integrations after **Cut** function.

Integration Options Continued……

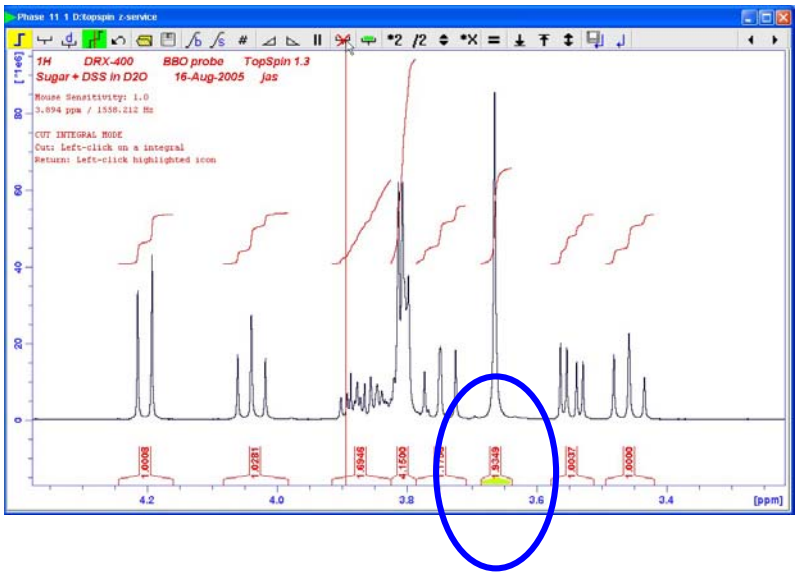
May decide that a peak should not be Integrated.

Can use the **Delete** routine.



Mouse-3 over integral region. Dialog box, choose **Select/Deselect.**

When selected, integral value will have highlighting shading next to ppm axis.



Click on **Delete Integral button**