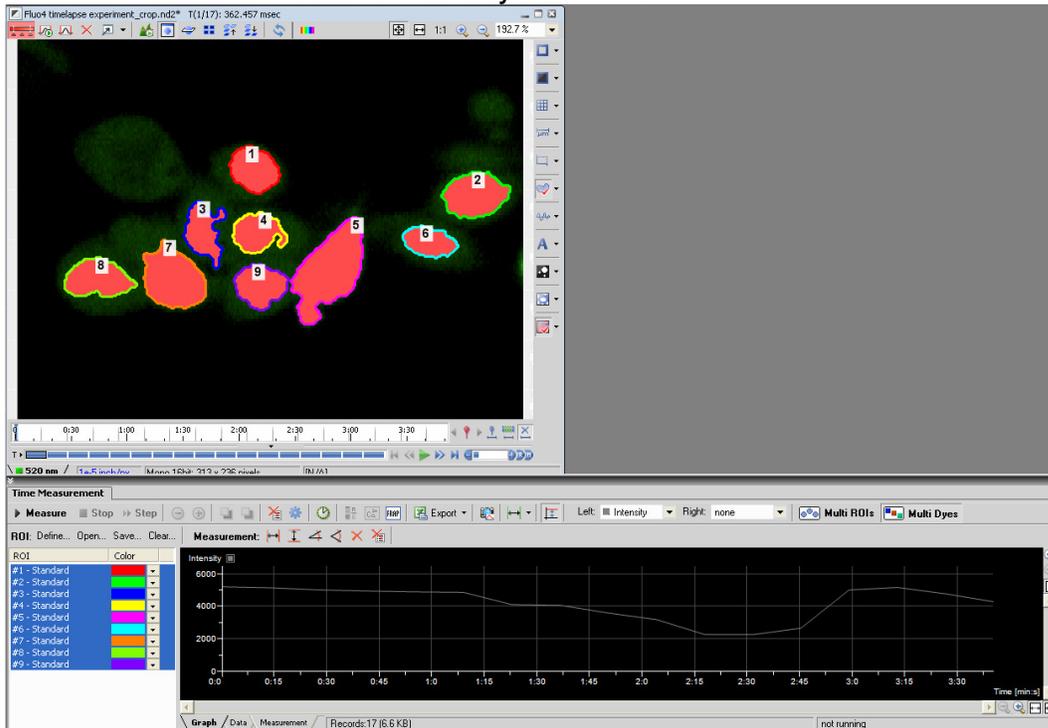
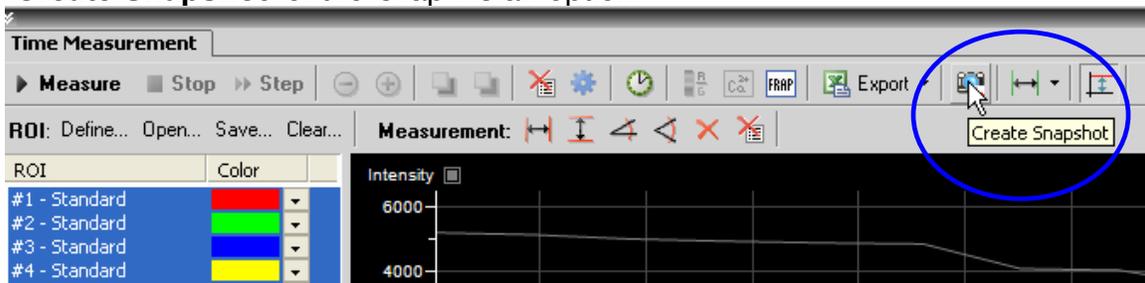


## Time Measurement for Intensity Over Time + Create Montage

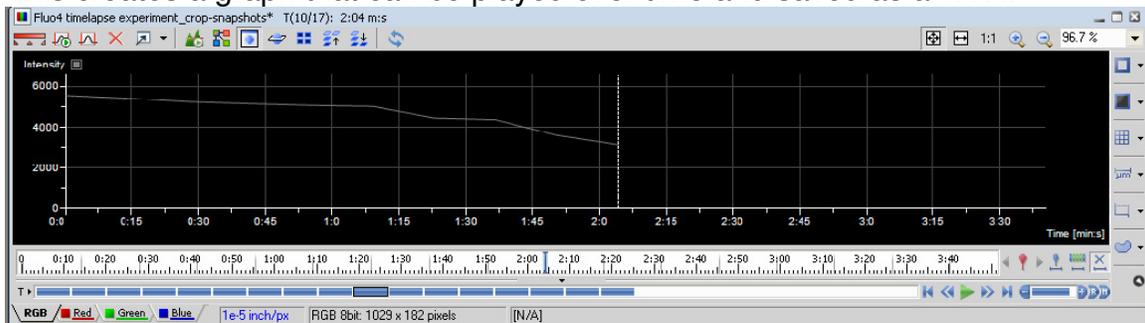
-Create ROIs and measure intensity over time:



'Create Snapshot' of the Graph is an option:

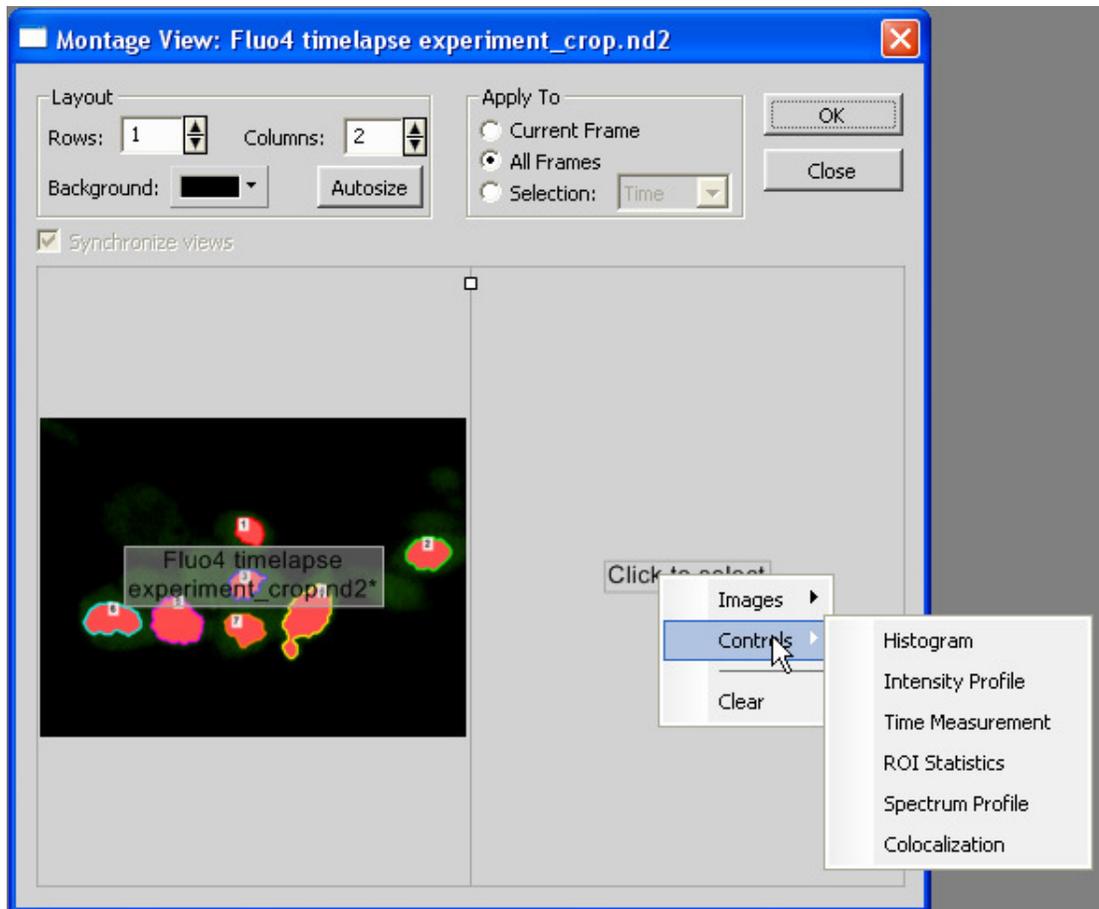


This creates a graph that can be played over time and saved as an AVI.

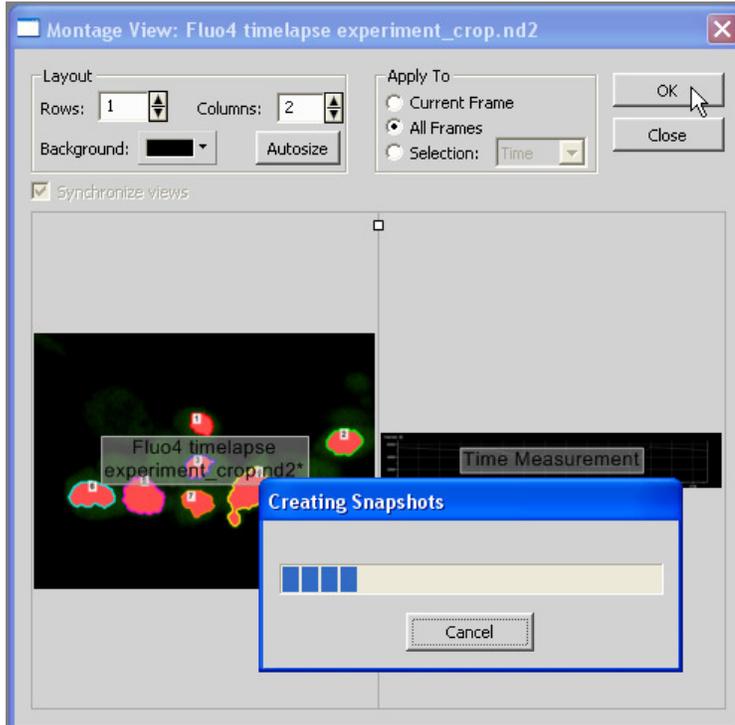


**Create Montage** (with graph of Timelapse Dataset and Graph of Data)  
(Menu Location: Edit Menu → 'Create Montage')

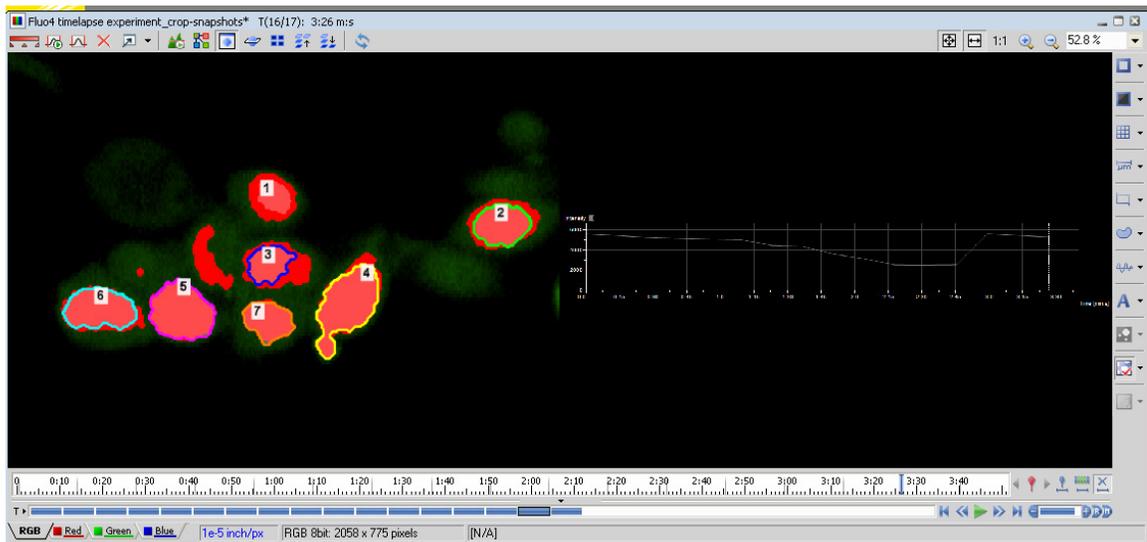
- Set number of rows and columns.
- Select the image set of interest.
- Click on the empty square and select 'Controls' to add in other measurements such as Histogram, Intensity Profile, Time Measurement, ROI Statistics, Spectrum Profile and Colocalization.



In this case, we selected Time Measurement and selected OK:



The result is a montage of the dataset and the Time Measurement graph that can be played as one dataset and saved out to an AVI.



HINT: If you would like to improve the resolution of the graph, undock the Time Measurement Dialog and widen or lengthen the graph to increase its size. In future NIS versions, the graph resolution will not depend on the size of the dialog at the time of the montage creation.