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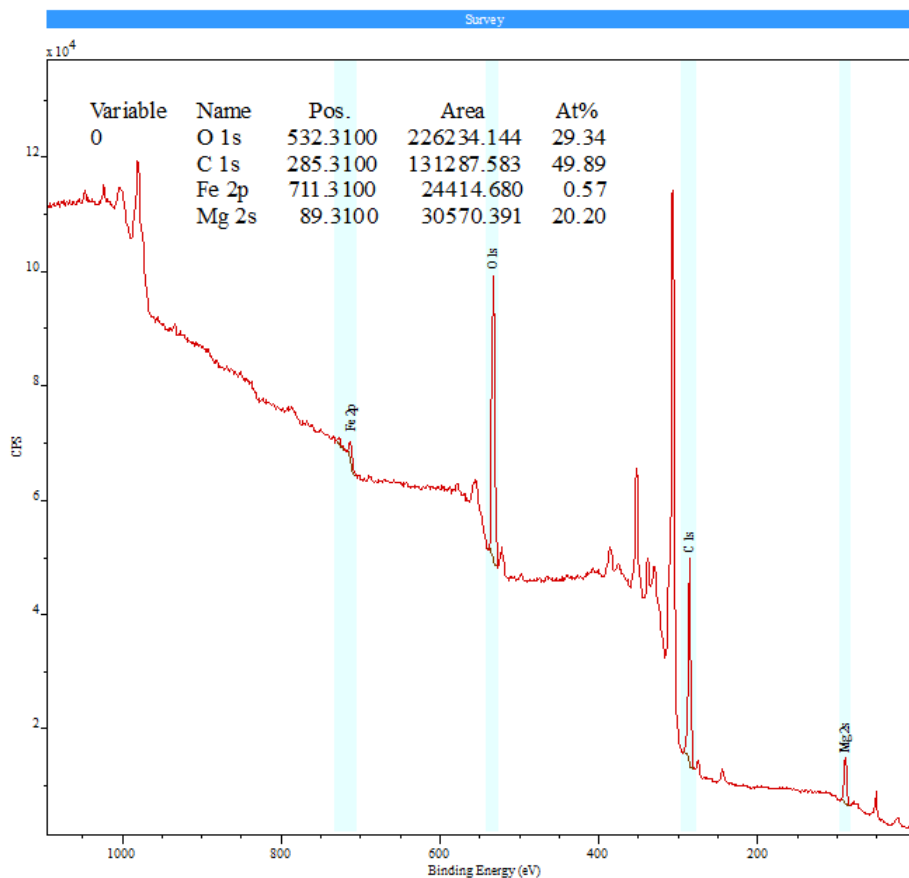
## 6 Appendix

In this chapter characteristic Raman and XPS measurements will be displayed for each Experiment Run. This way, will be able to further understand the remarks and the numbers along the “Results” chapter.

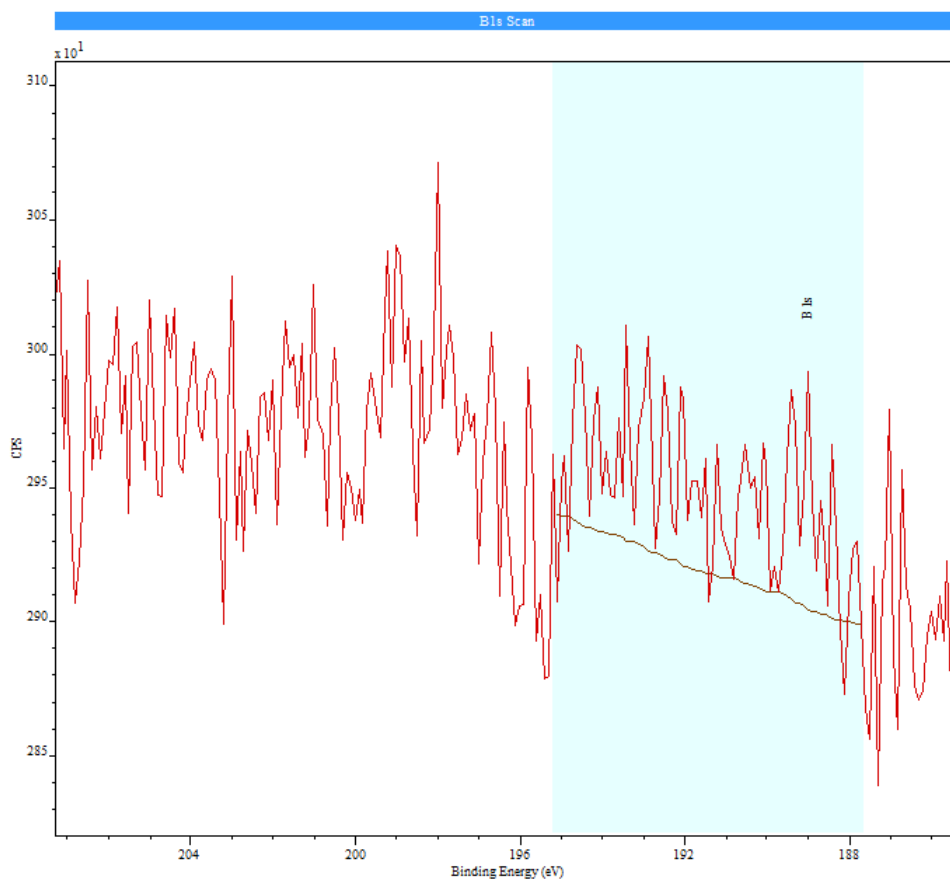
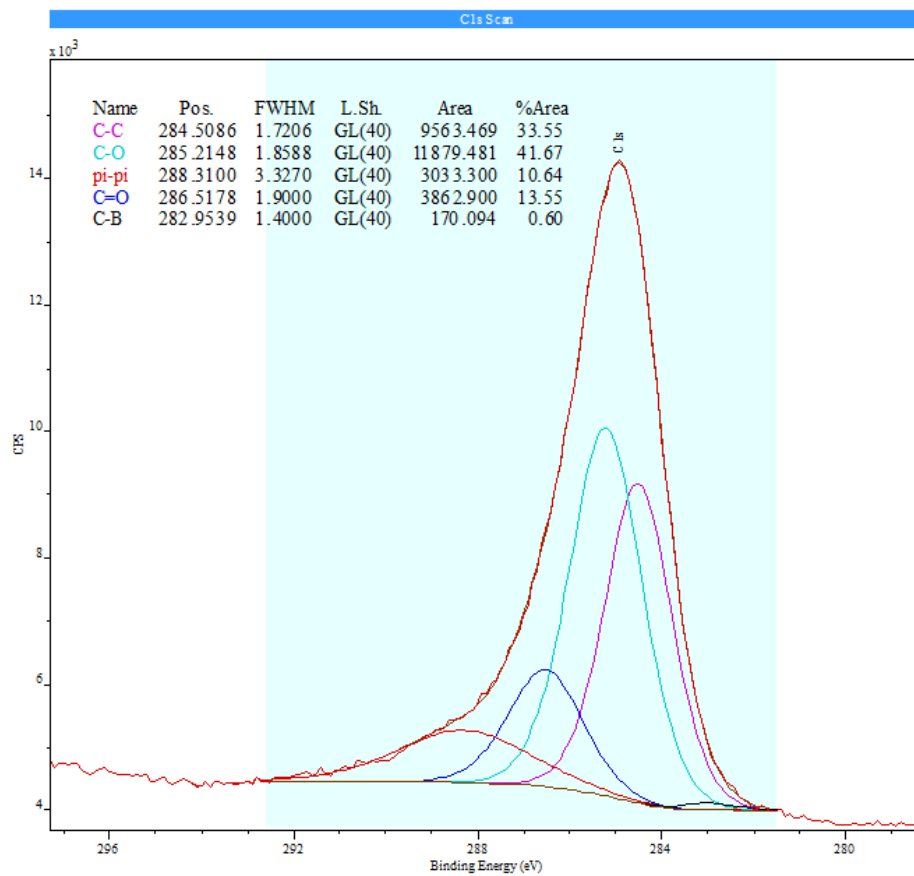
In relation to XPS, the survey, *C1s*, and *B1s* spectra are displayed; and the tables present in each graph correspond to the values found in the “Results” chapter.

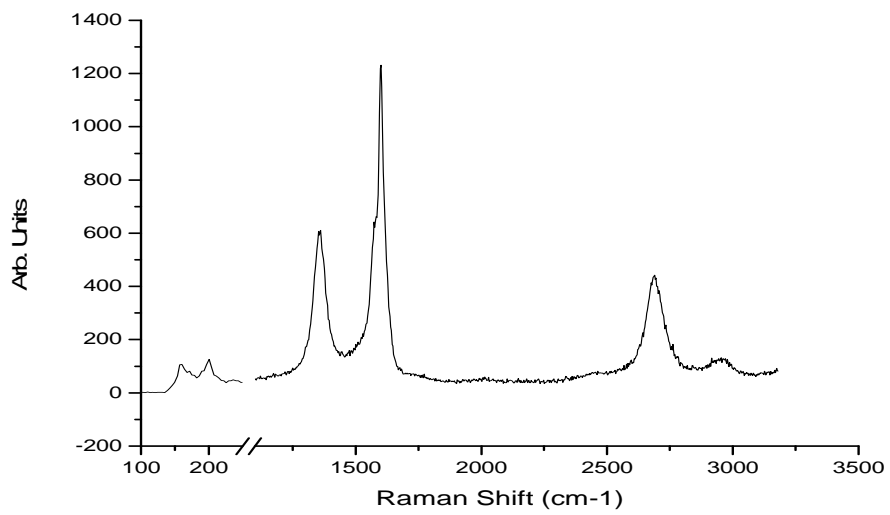
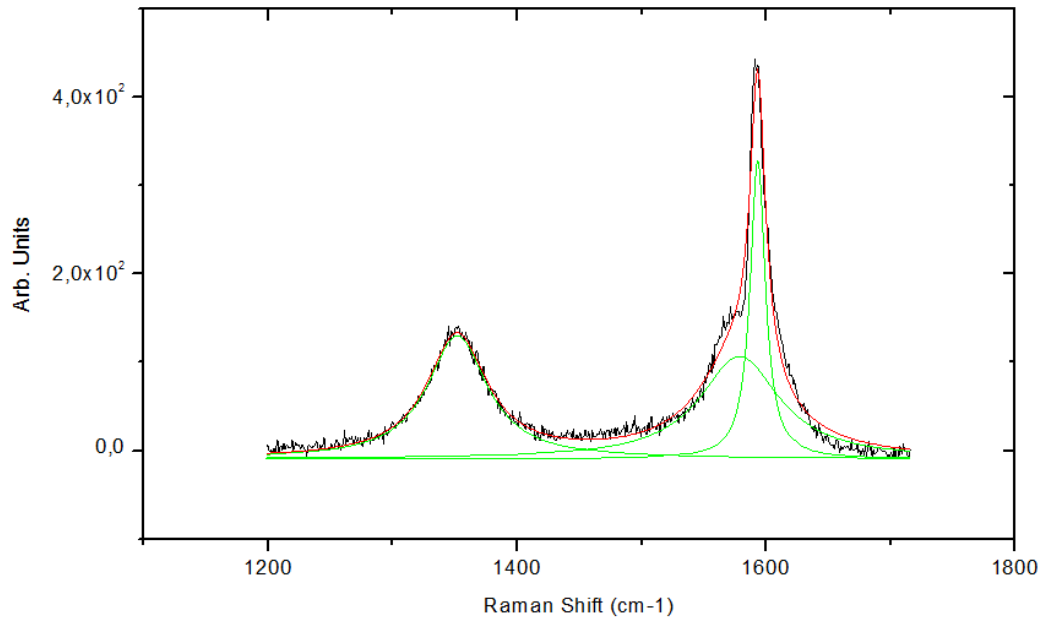
In relation to Raman, the *G* band spectra, as well as the survey spectra are displayed. The RBM spectra are absent from this Appendix because they are already displayed in Figure 32. The *G* band spectra presents the measurement as a black line, the fitted peaks as green lines, and their sum (adjusted curve) as a red line; no quantitative values are displayed, though, because the displayed spectra are single measurements, while the information in the “Results” chapter consider all measurements undertaken for each Experiment Run. The Raman spectra serve to give a qualitative idea about the samples and the quality of the fits.

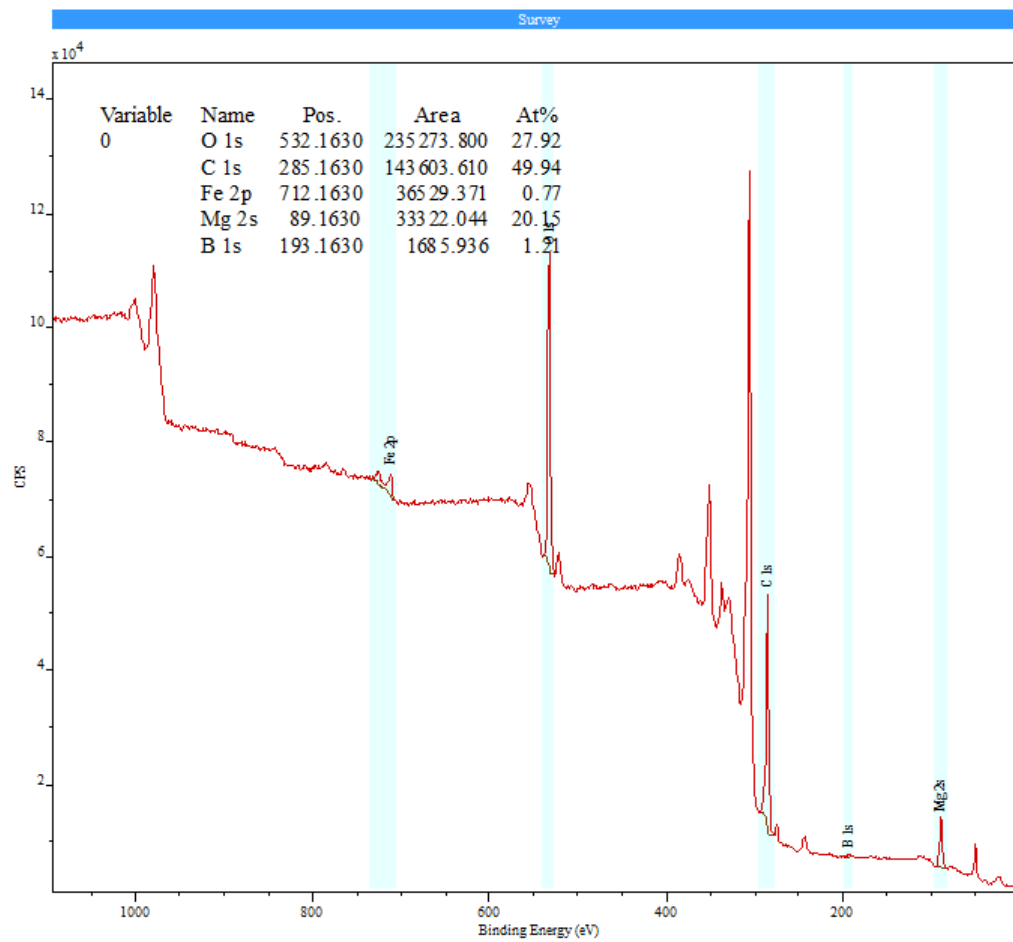
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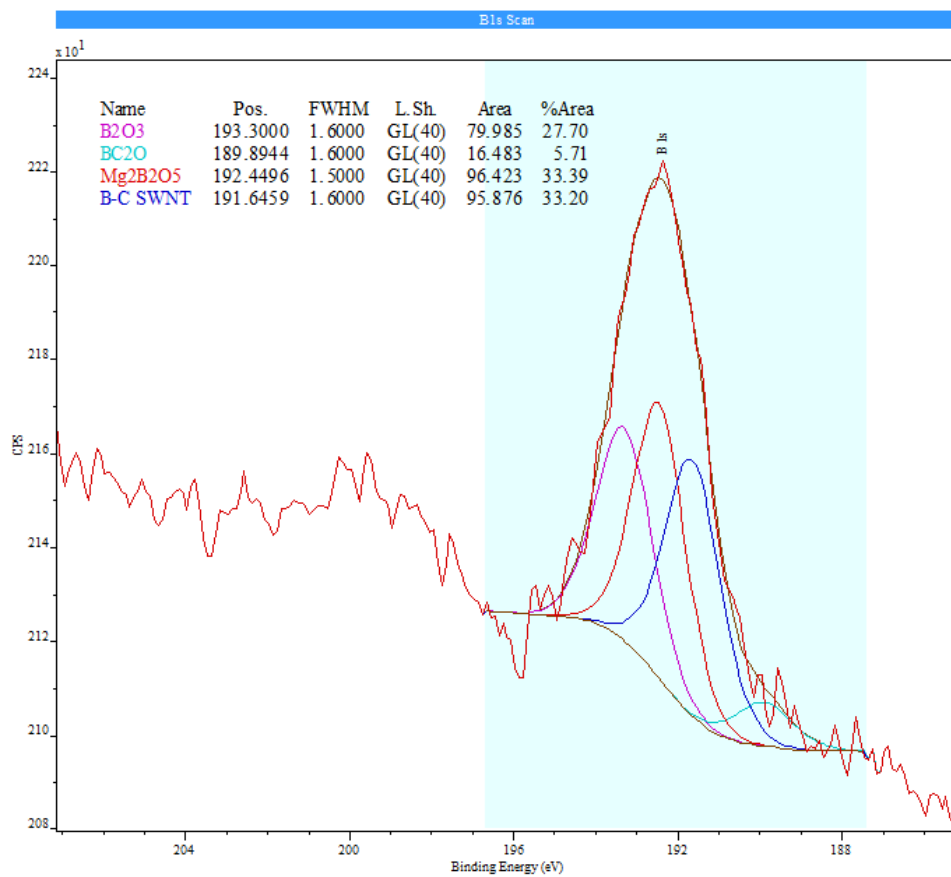
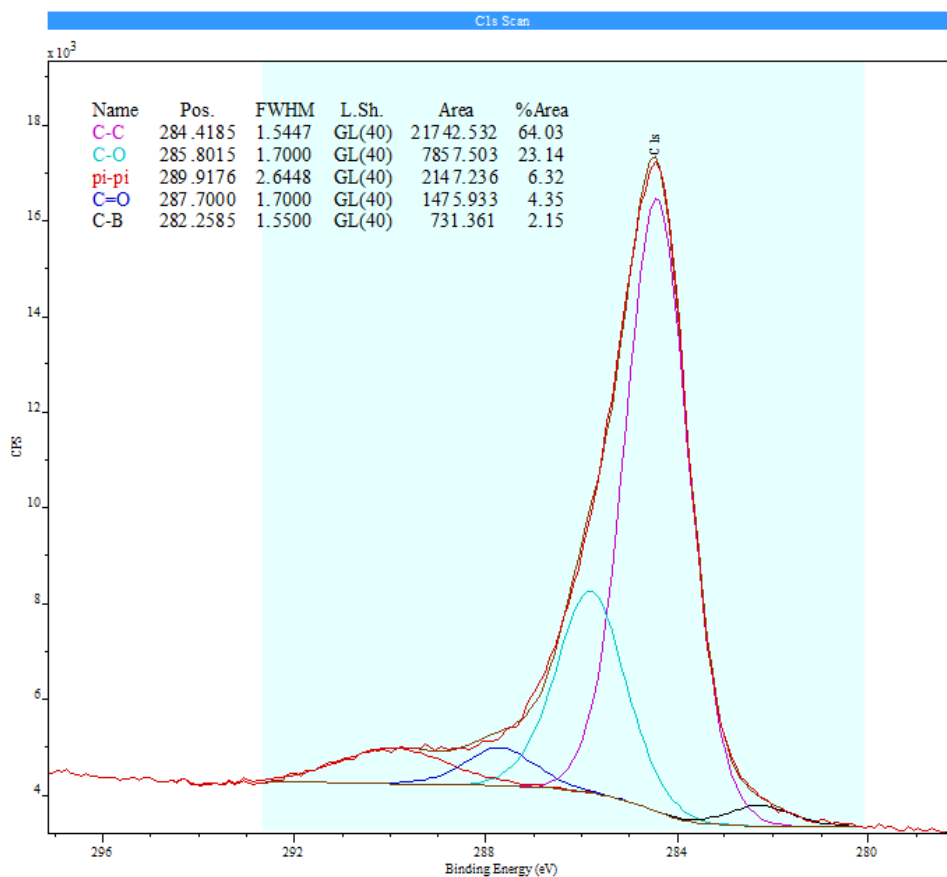


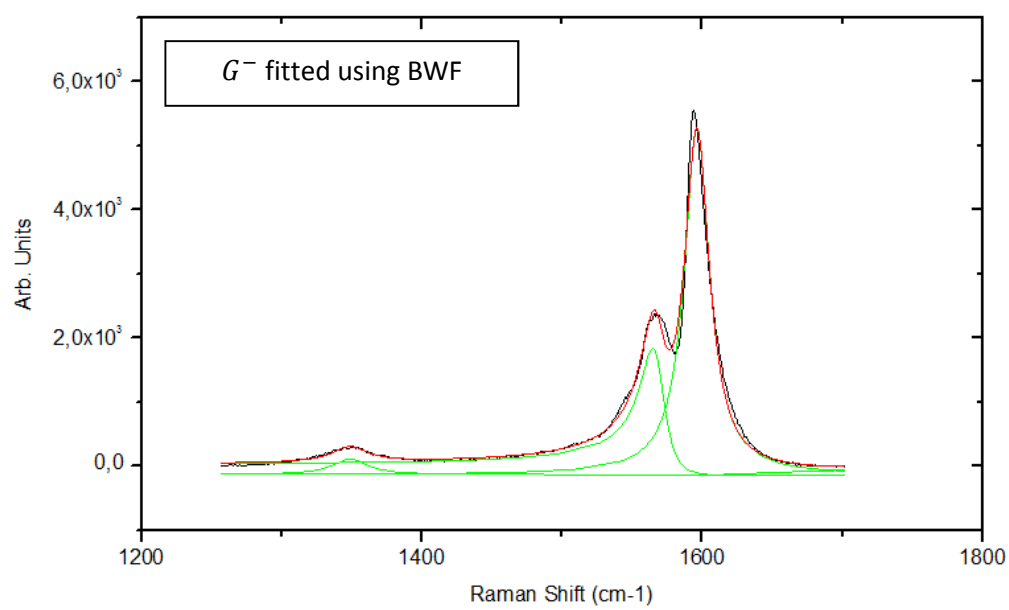
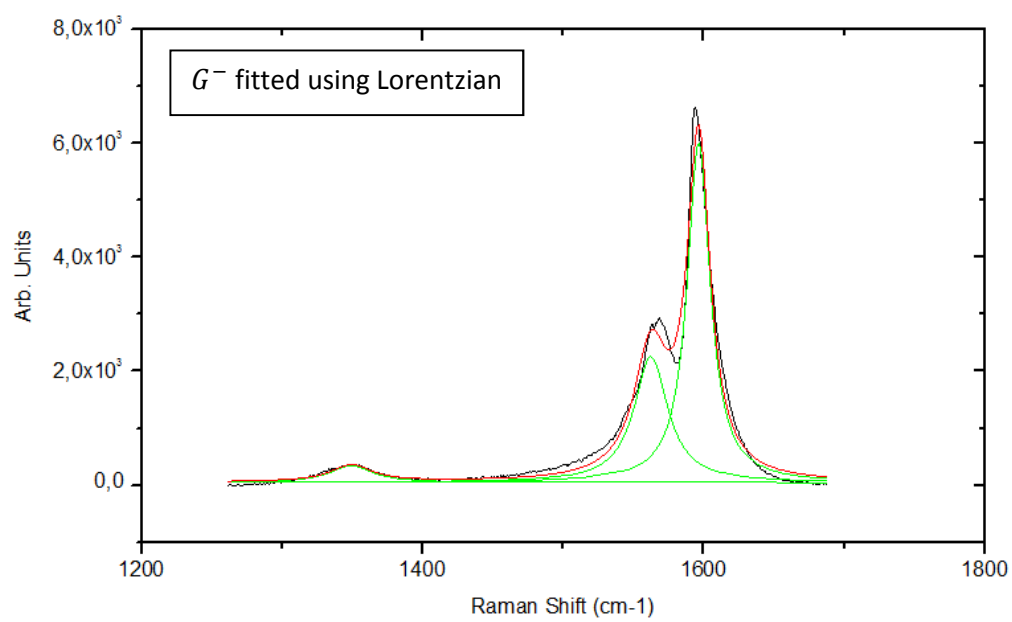


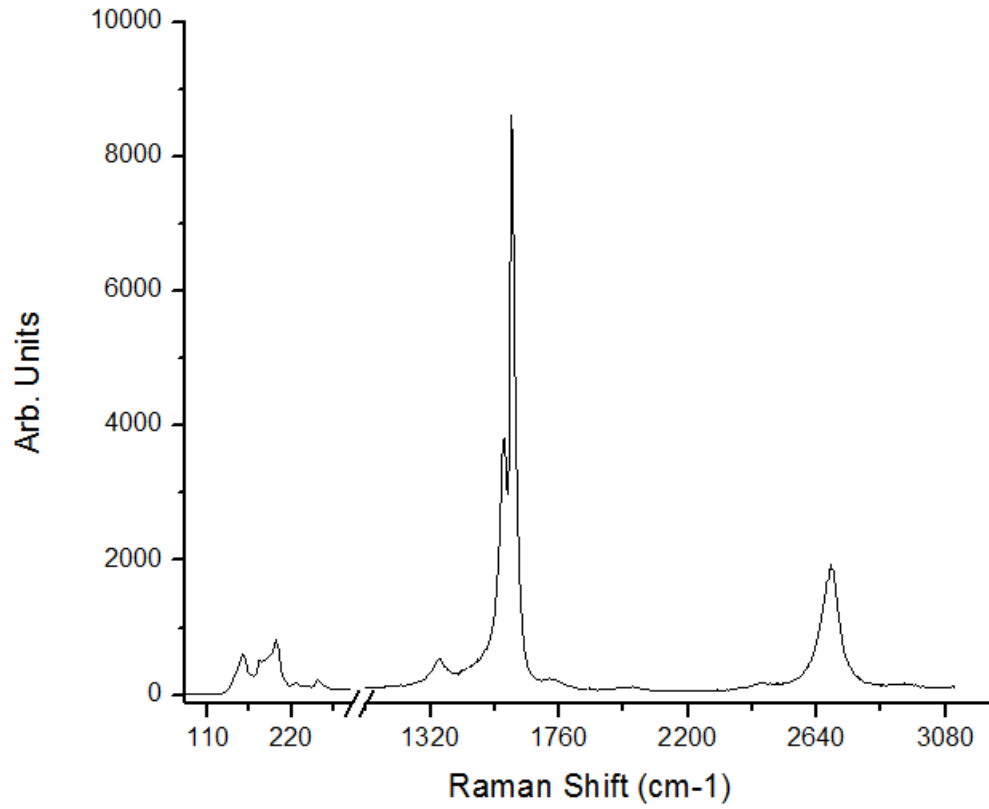




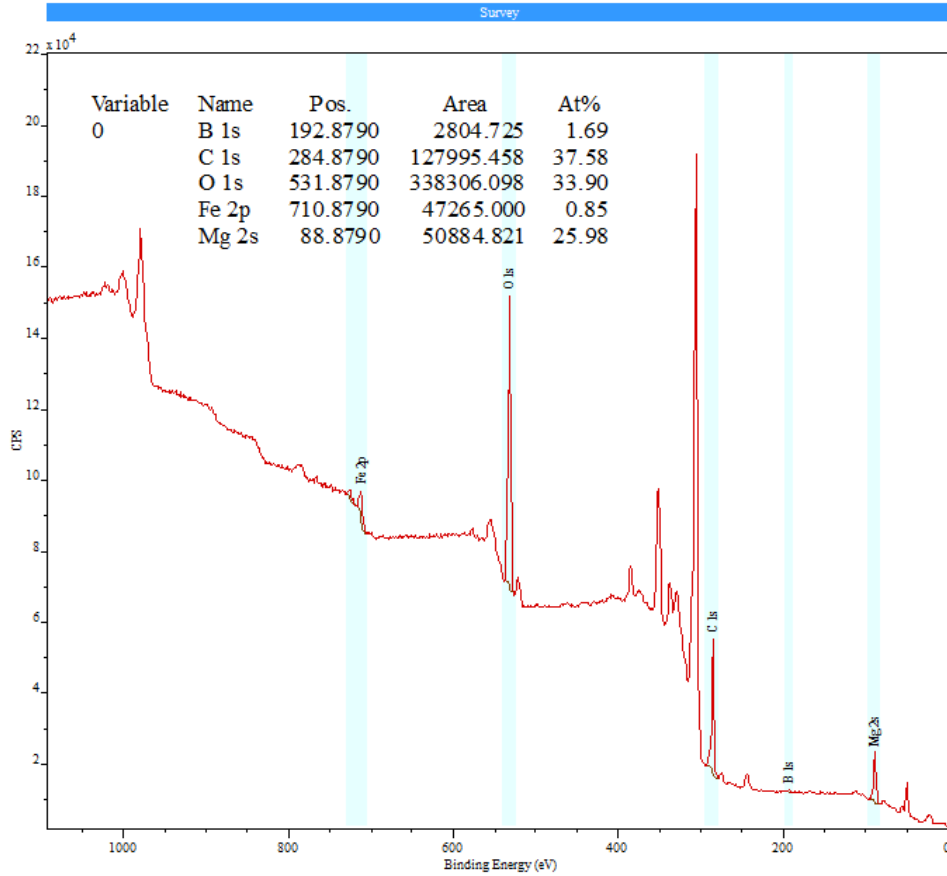
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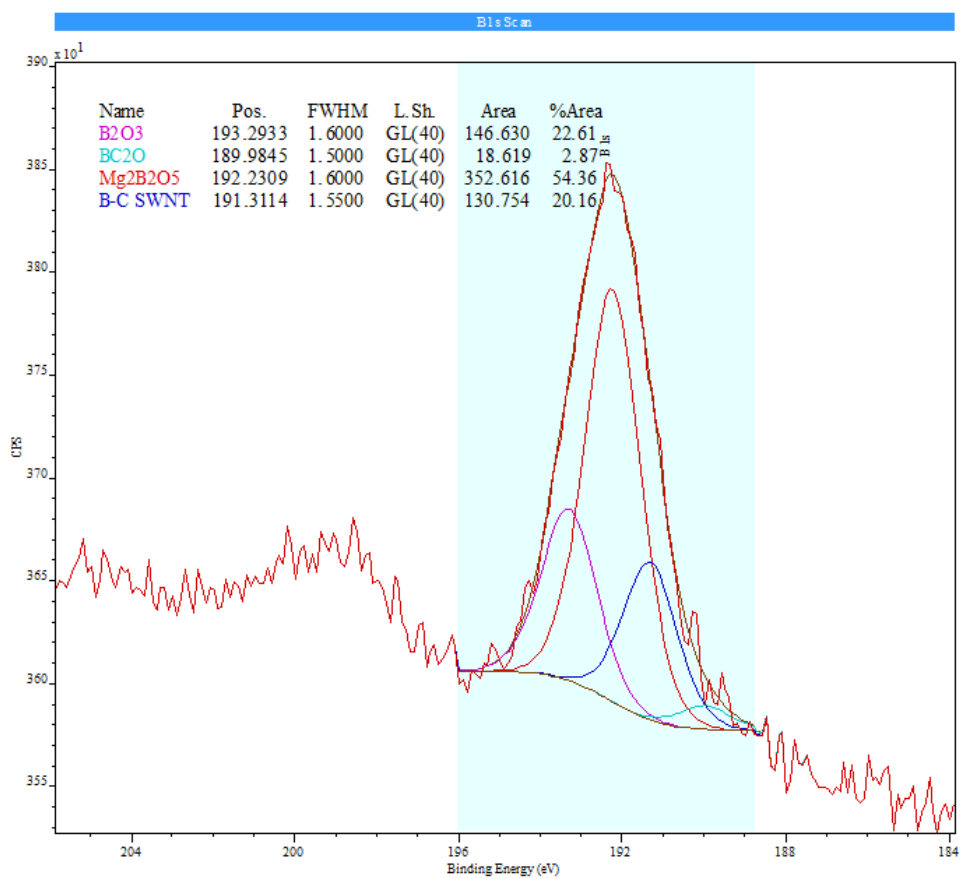
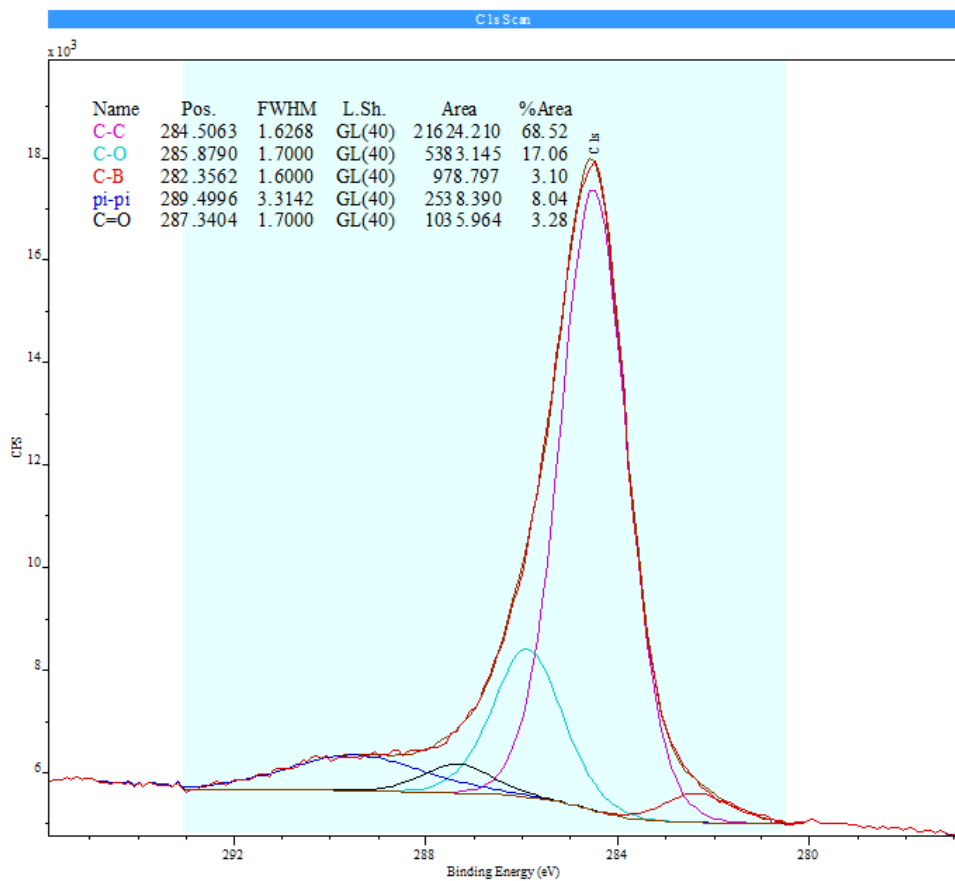


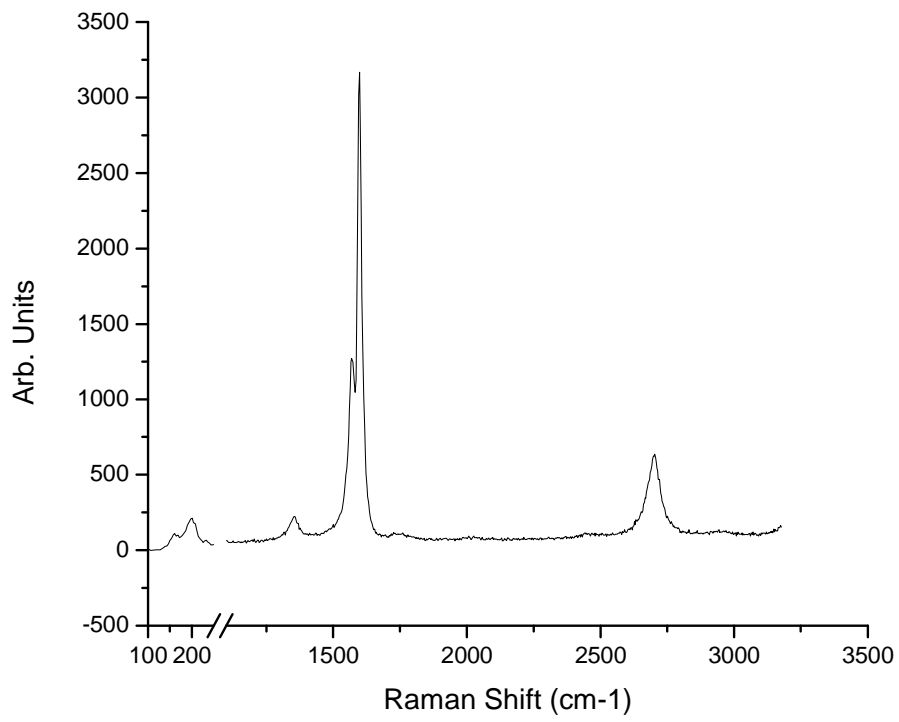
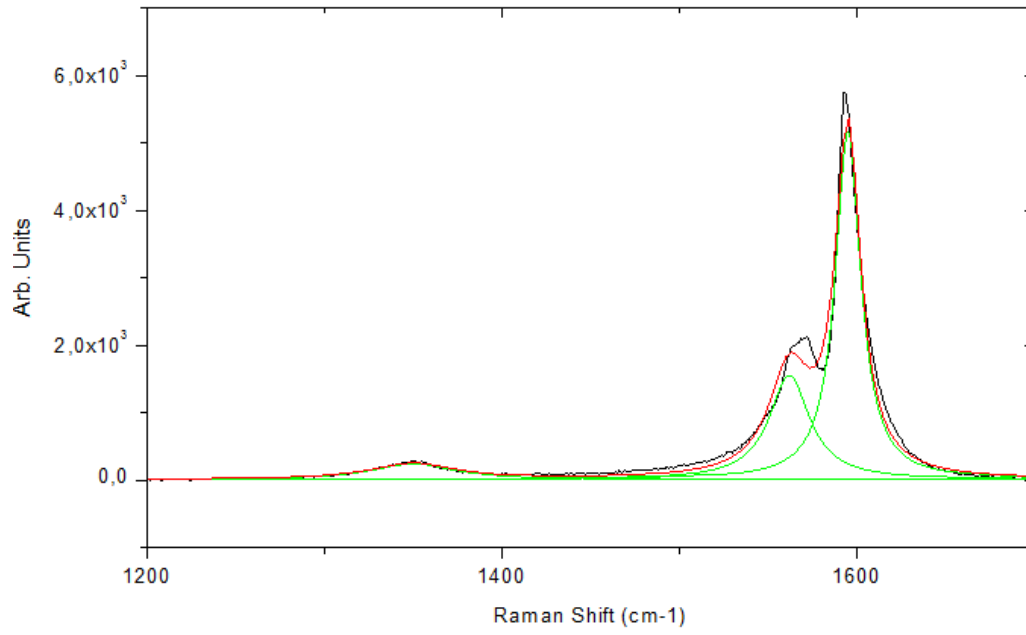




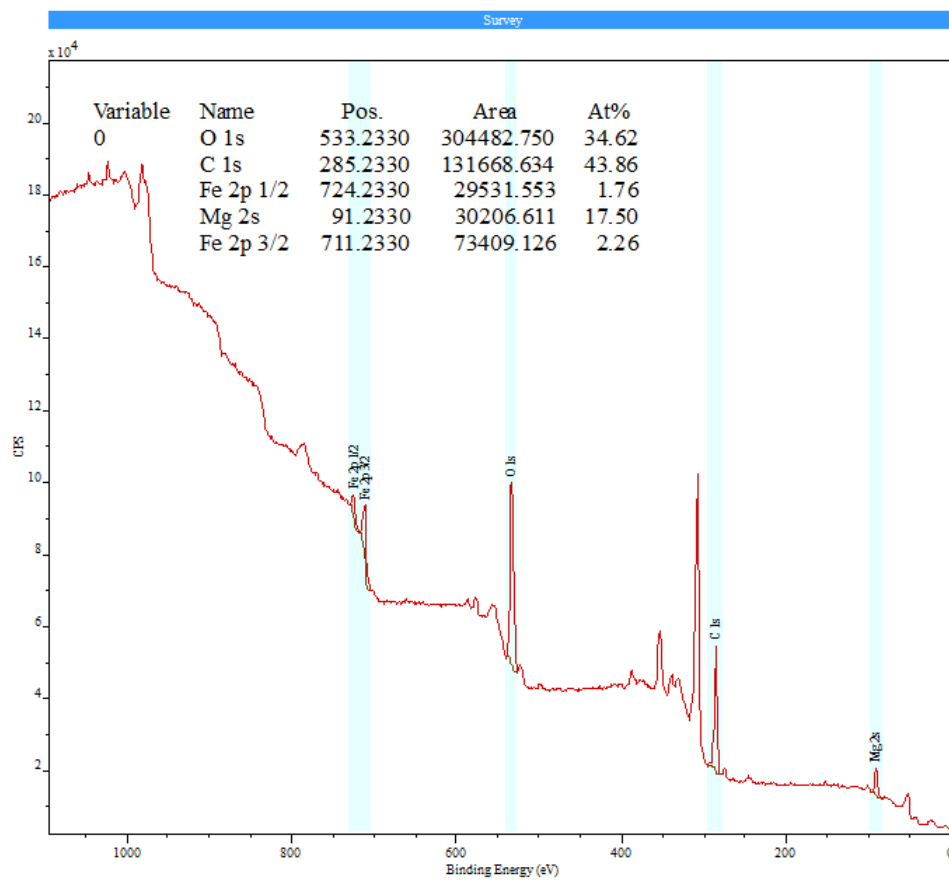
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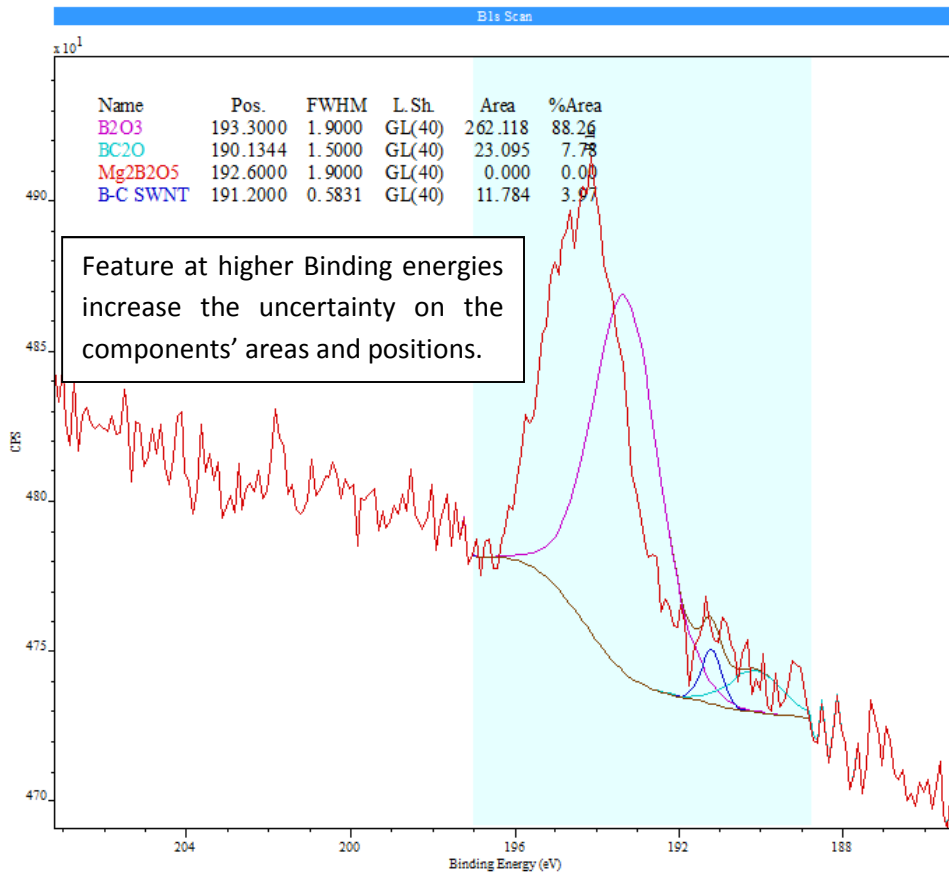
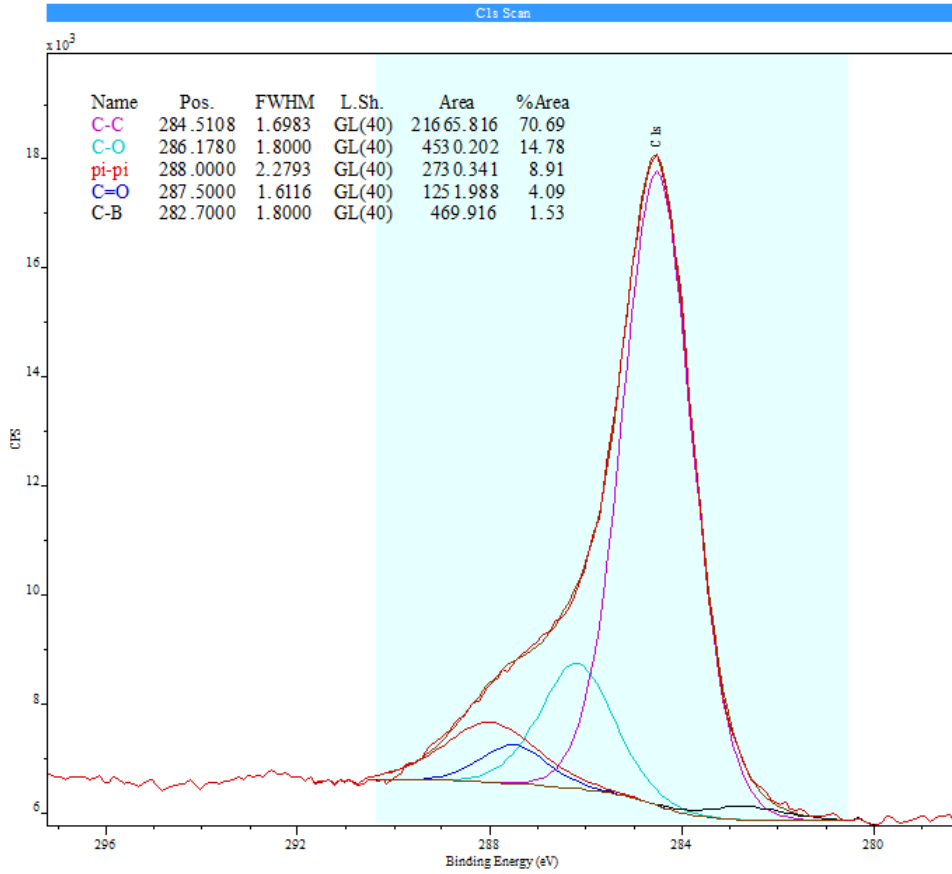


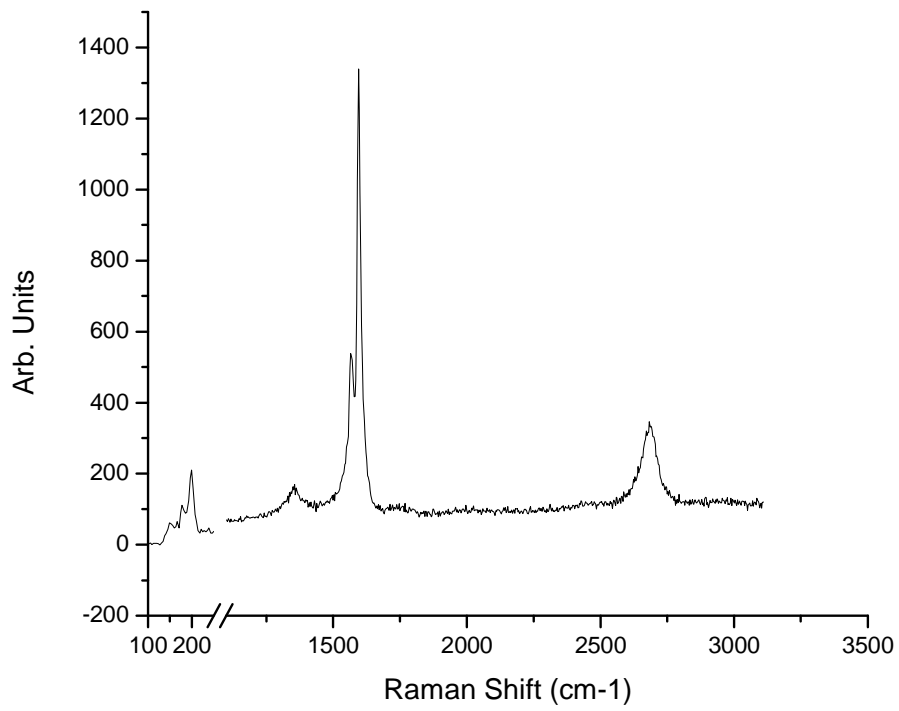
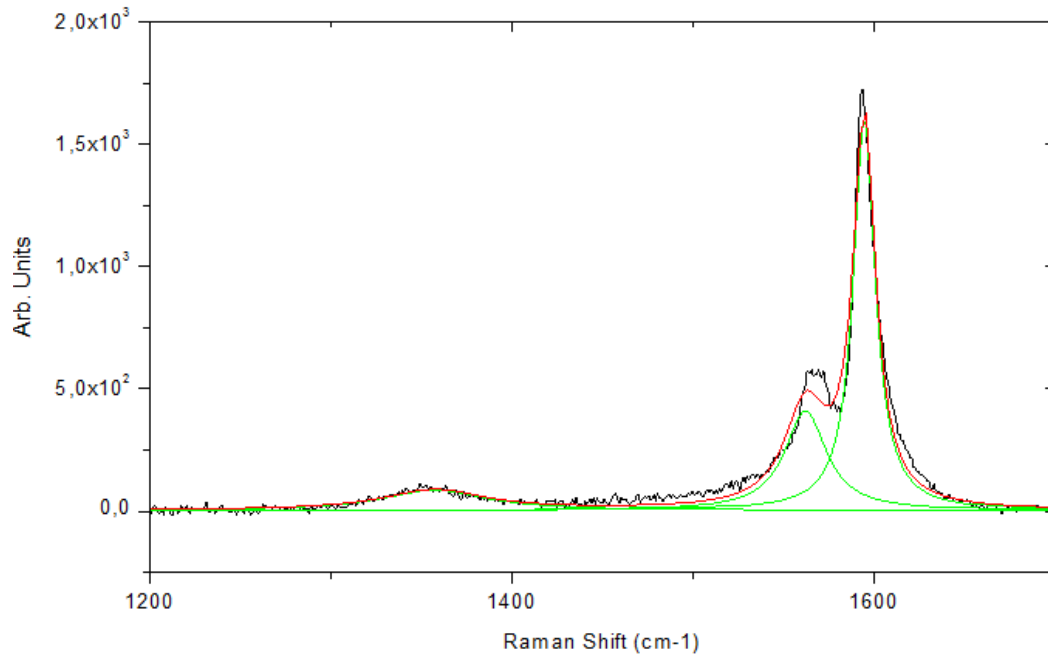




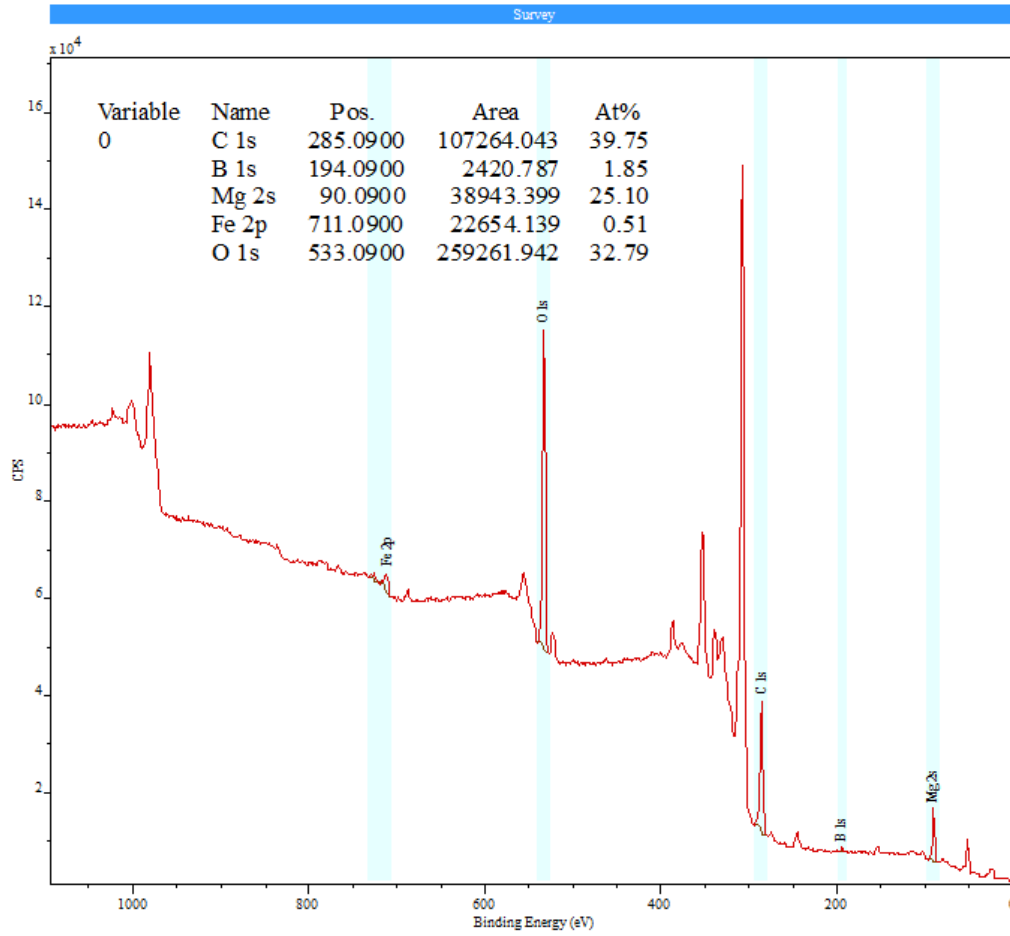


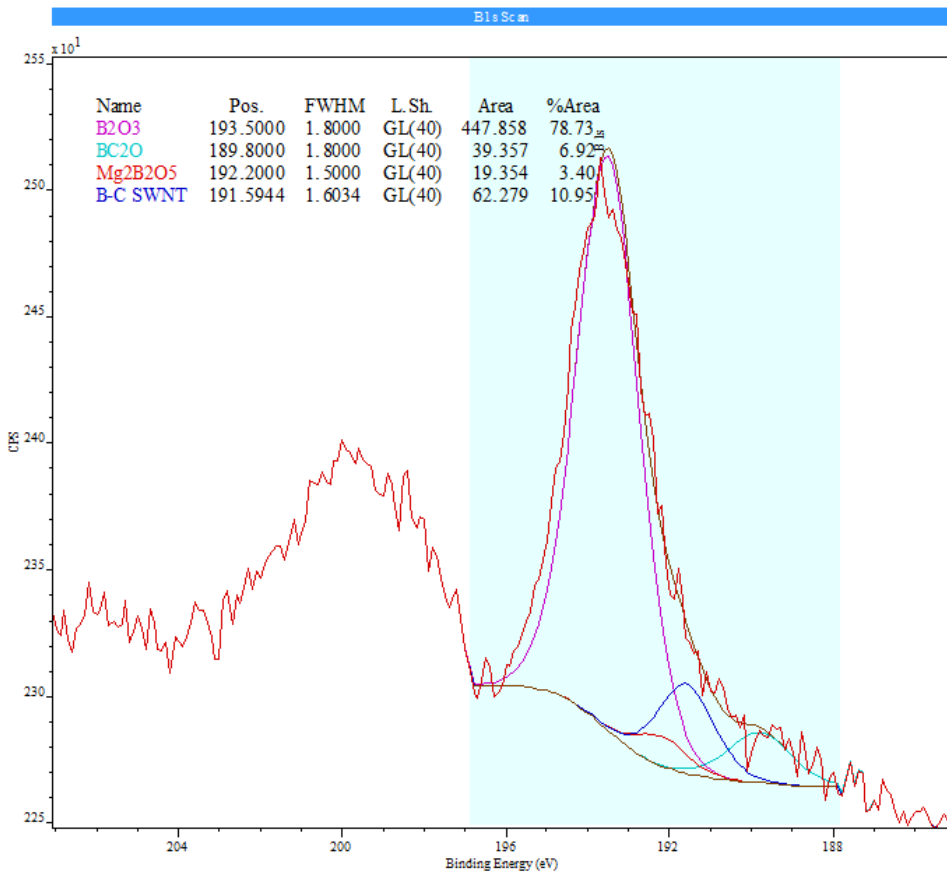
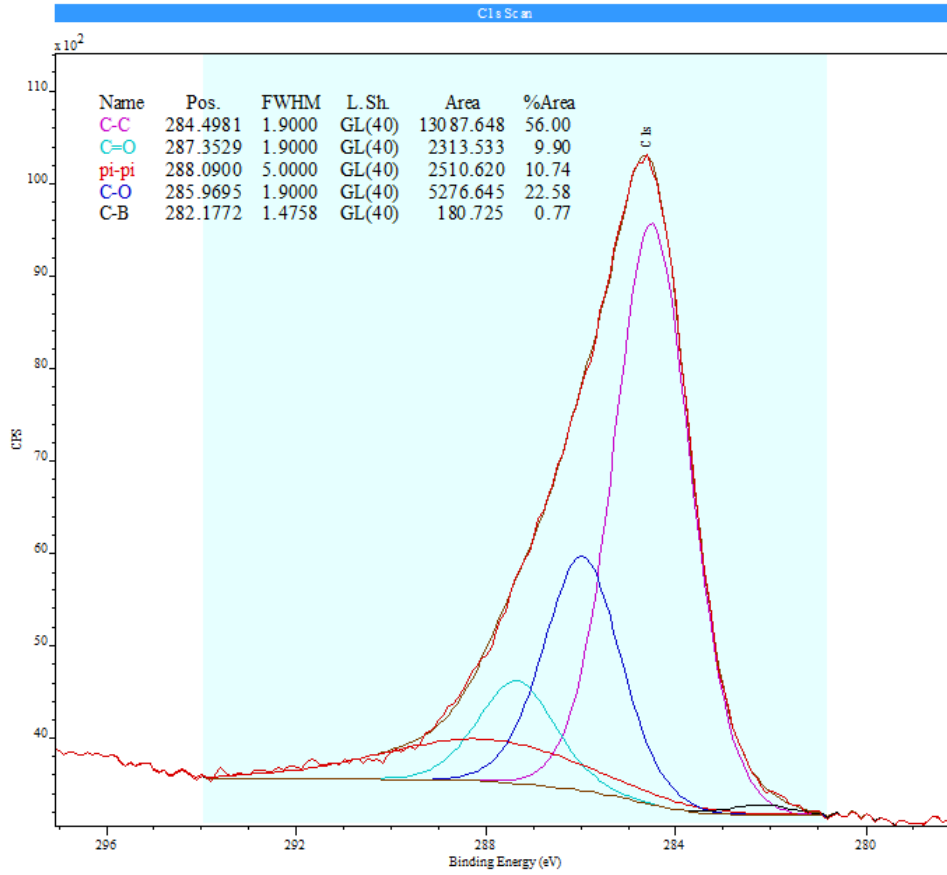
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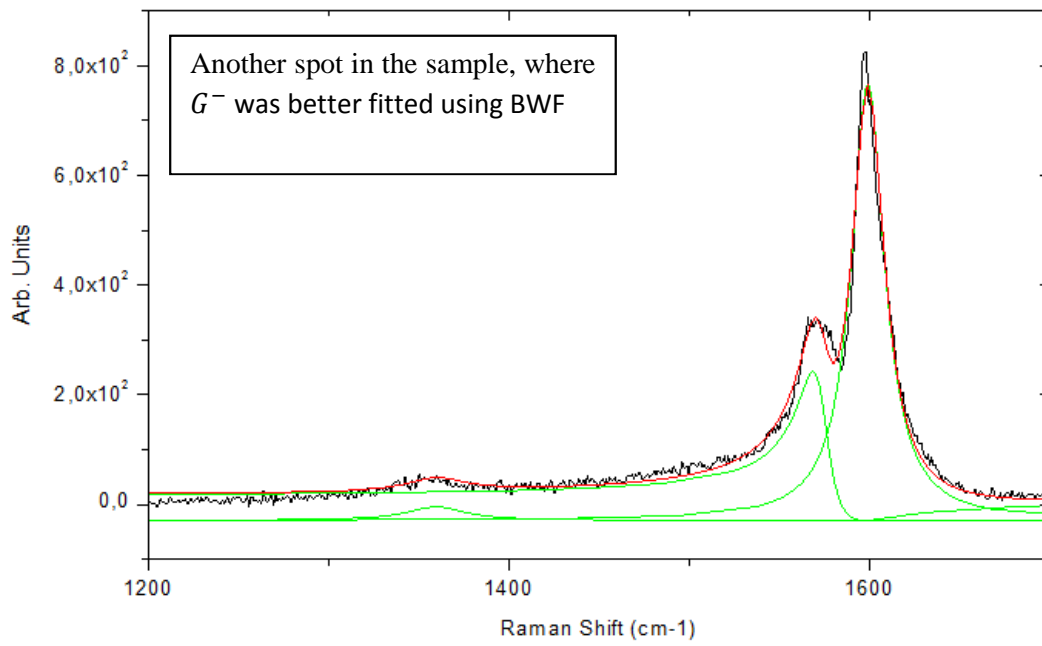
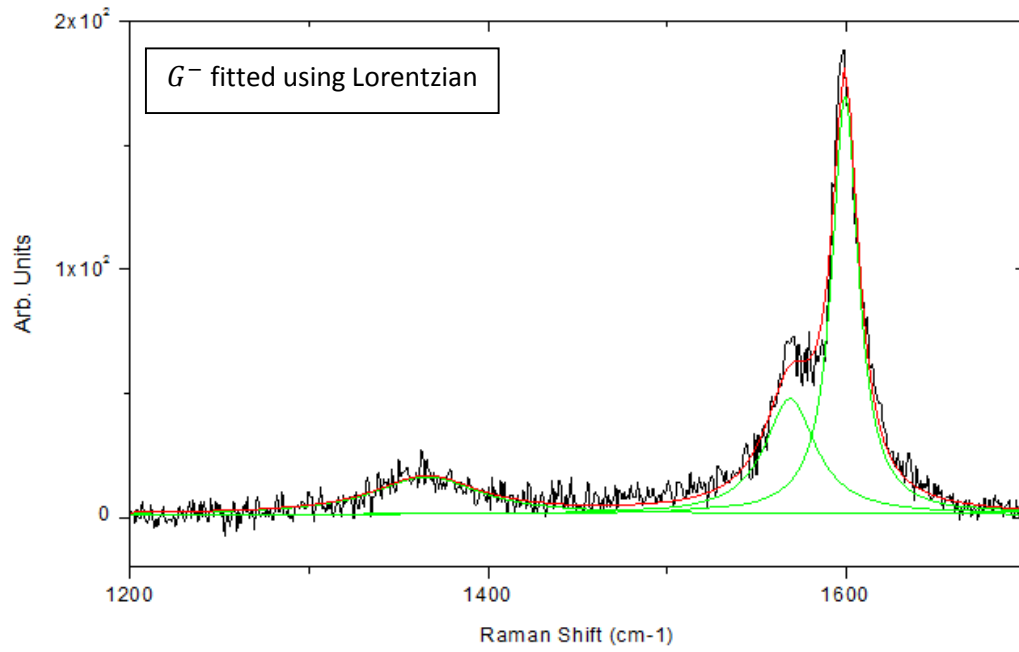


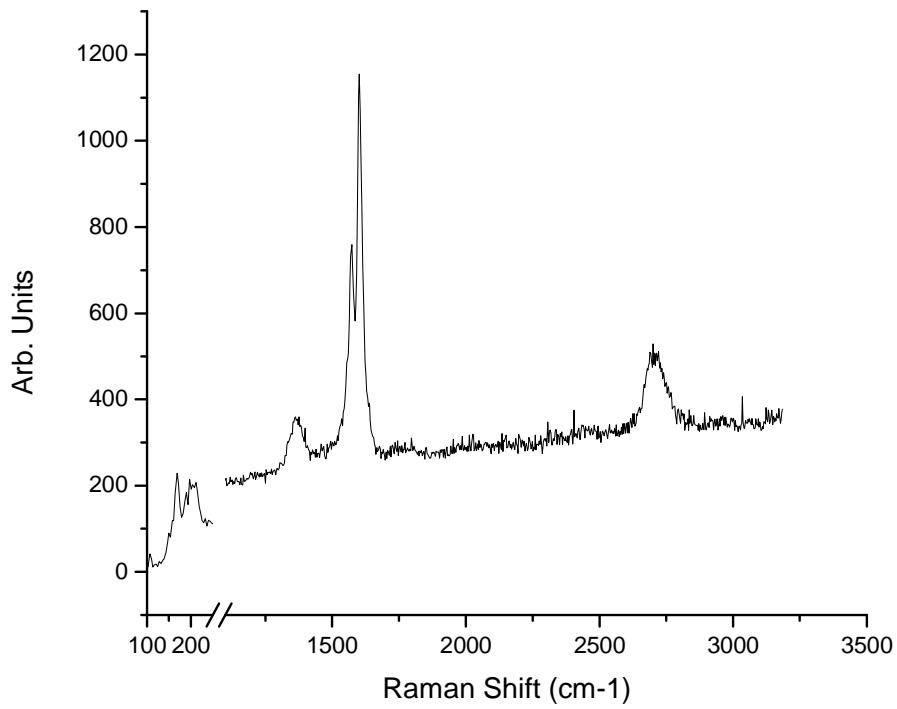


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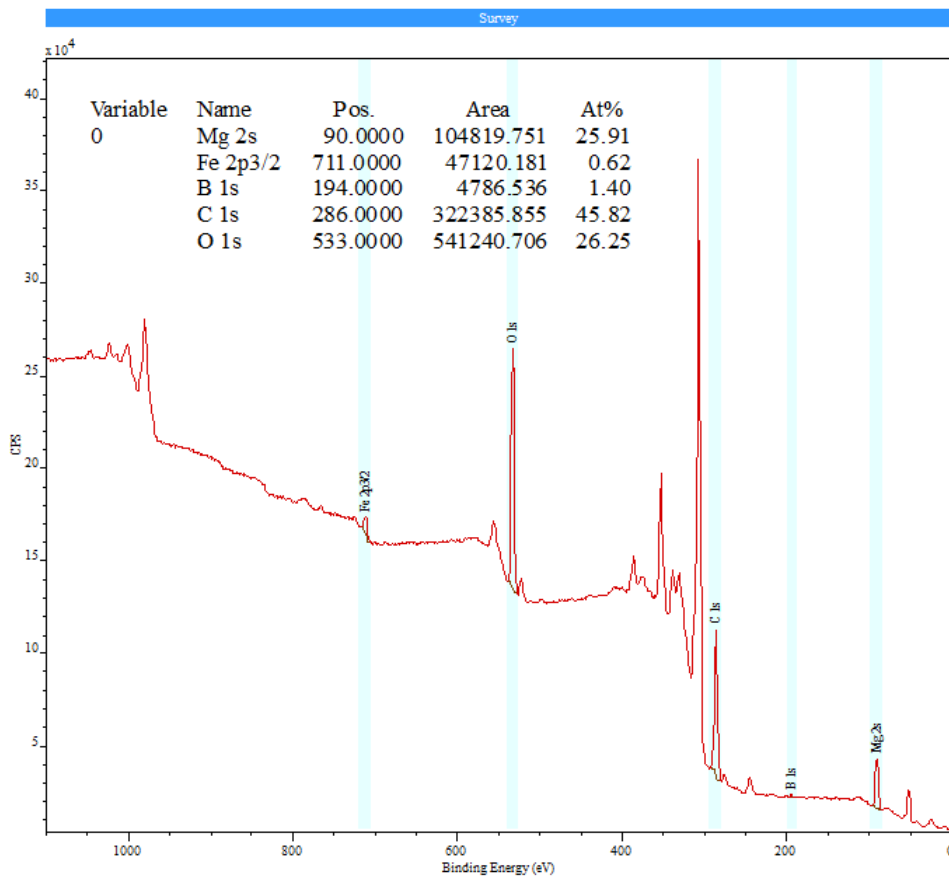


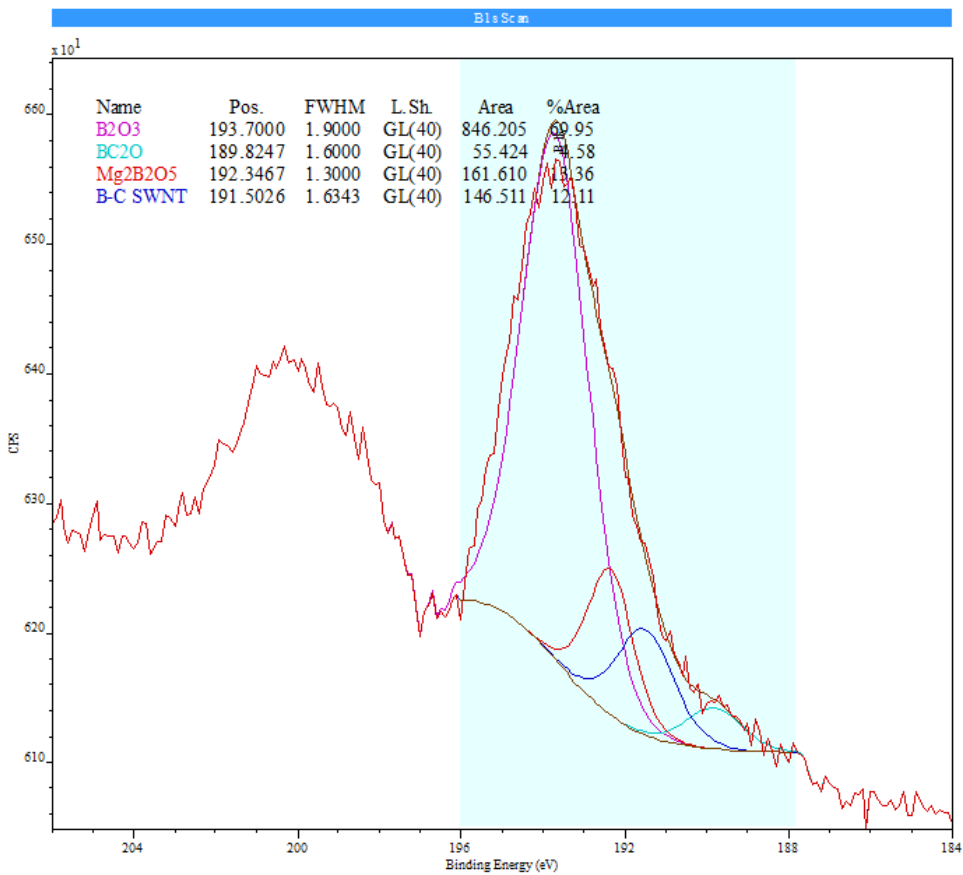
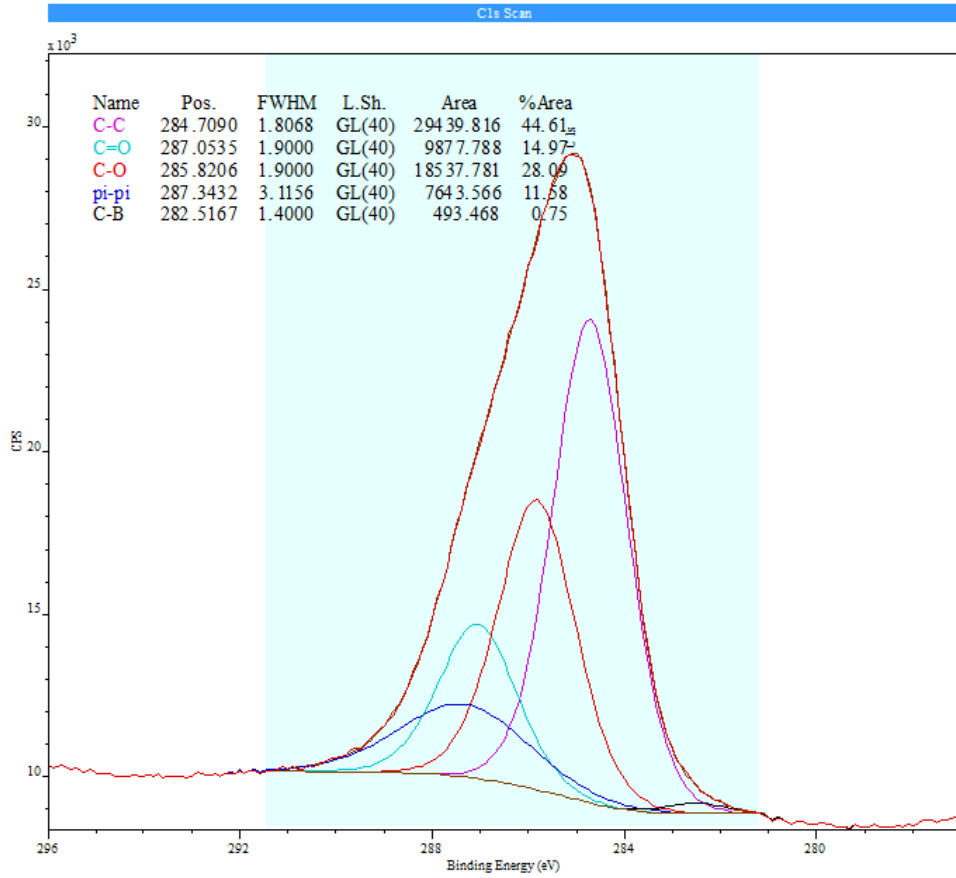




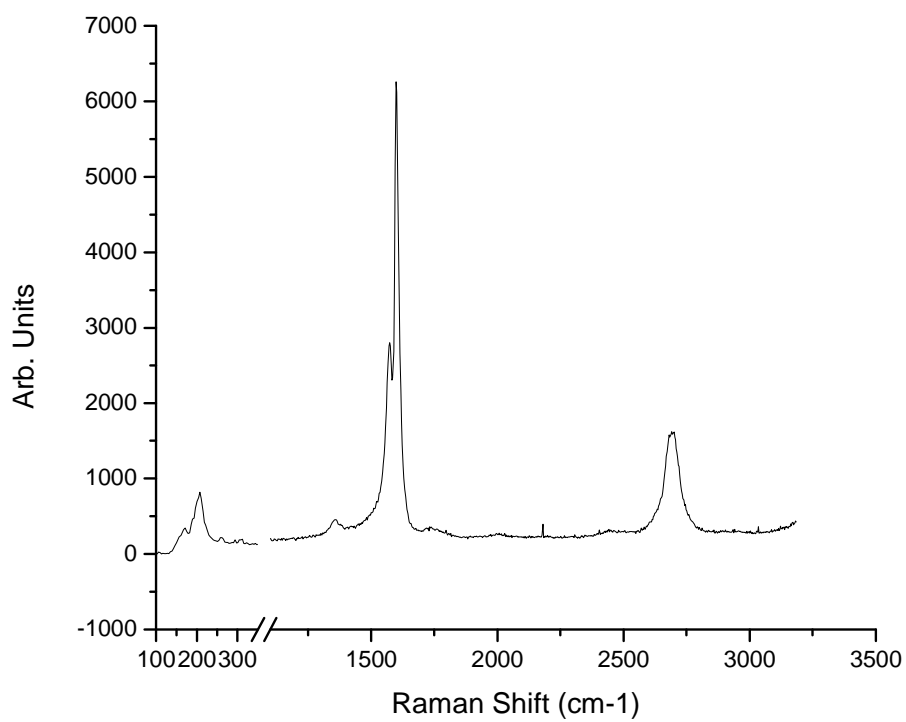
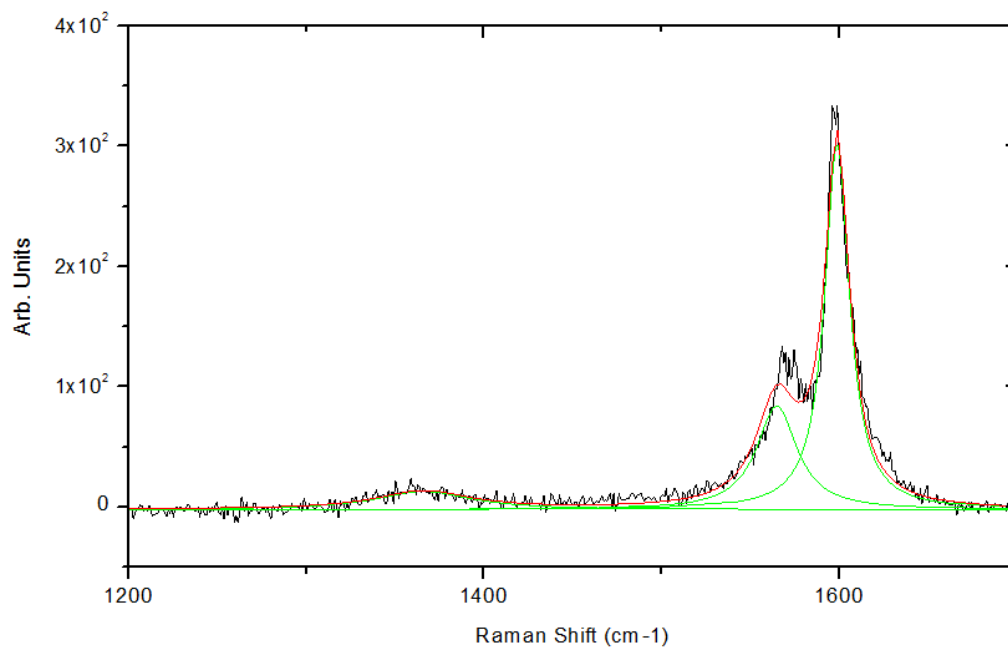


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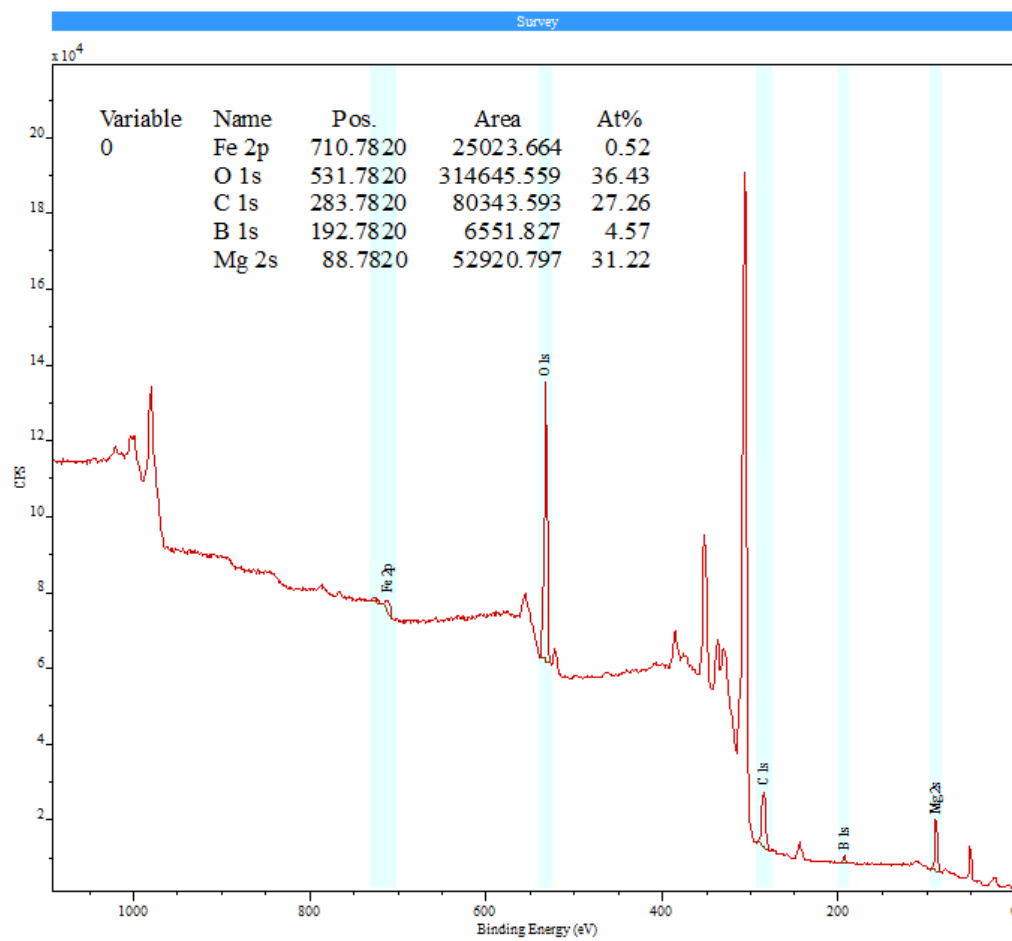


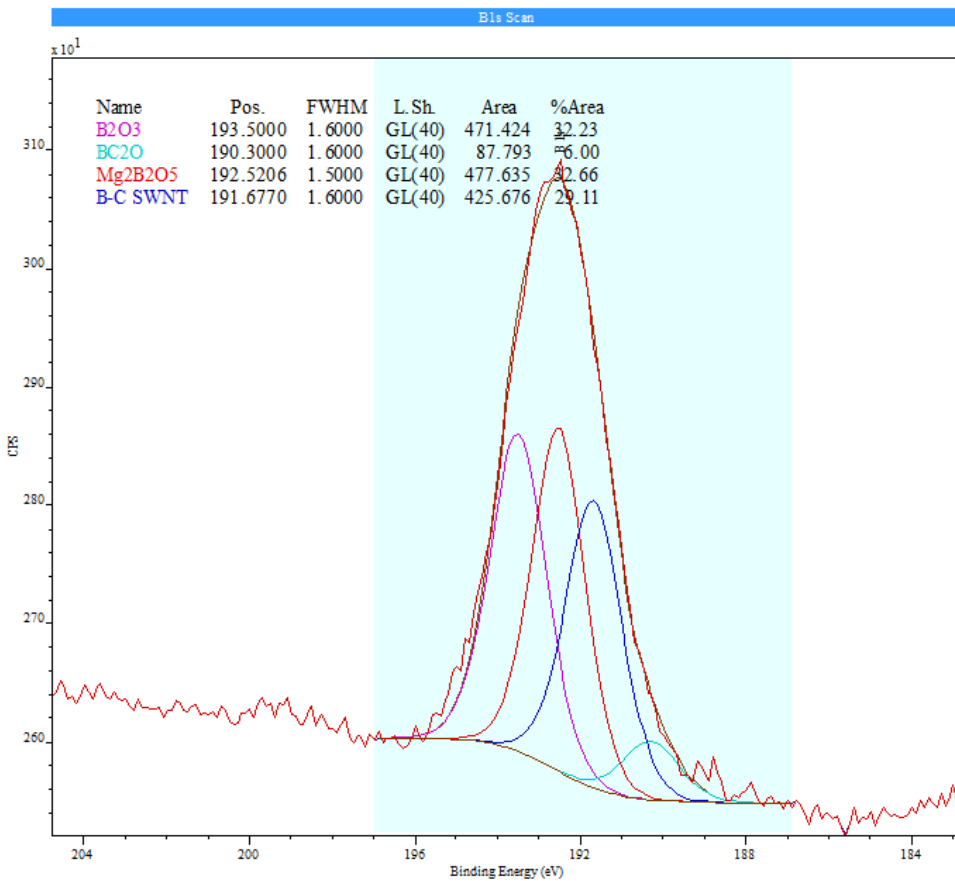
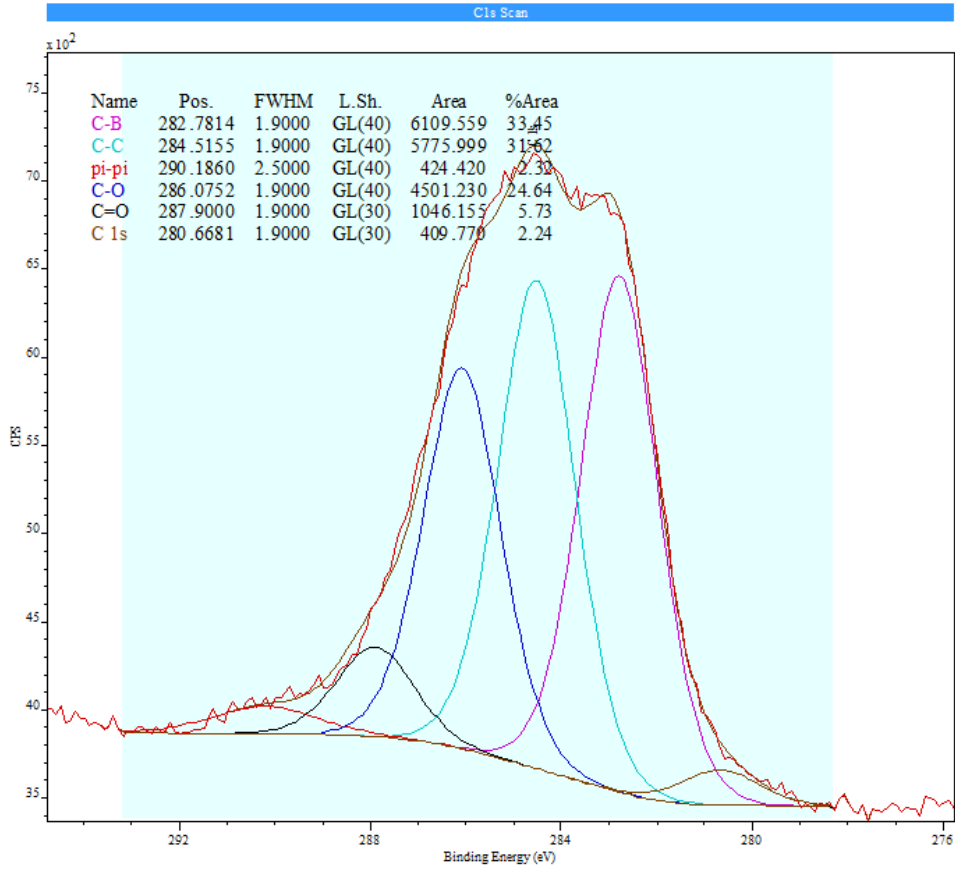


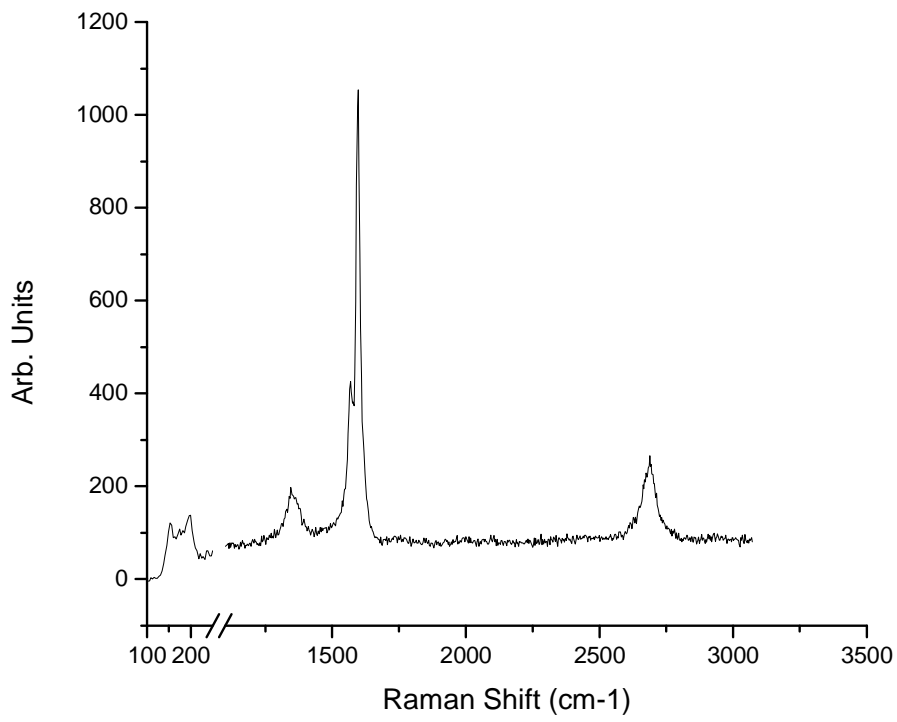
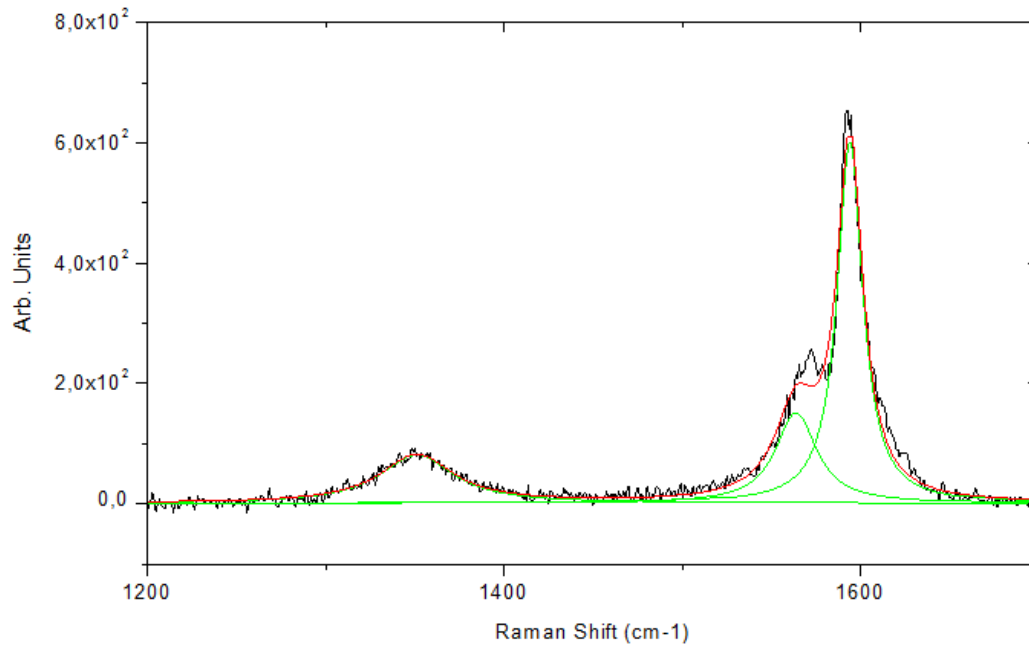




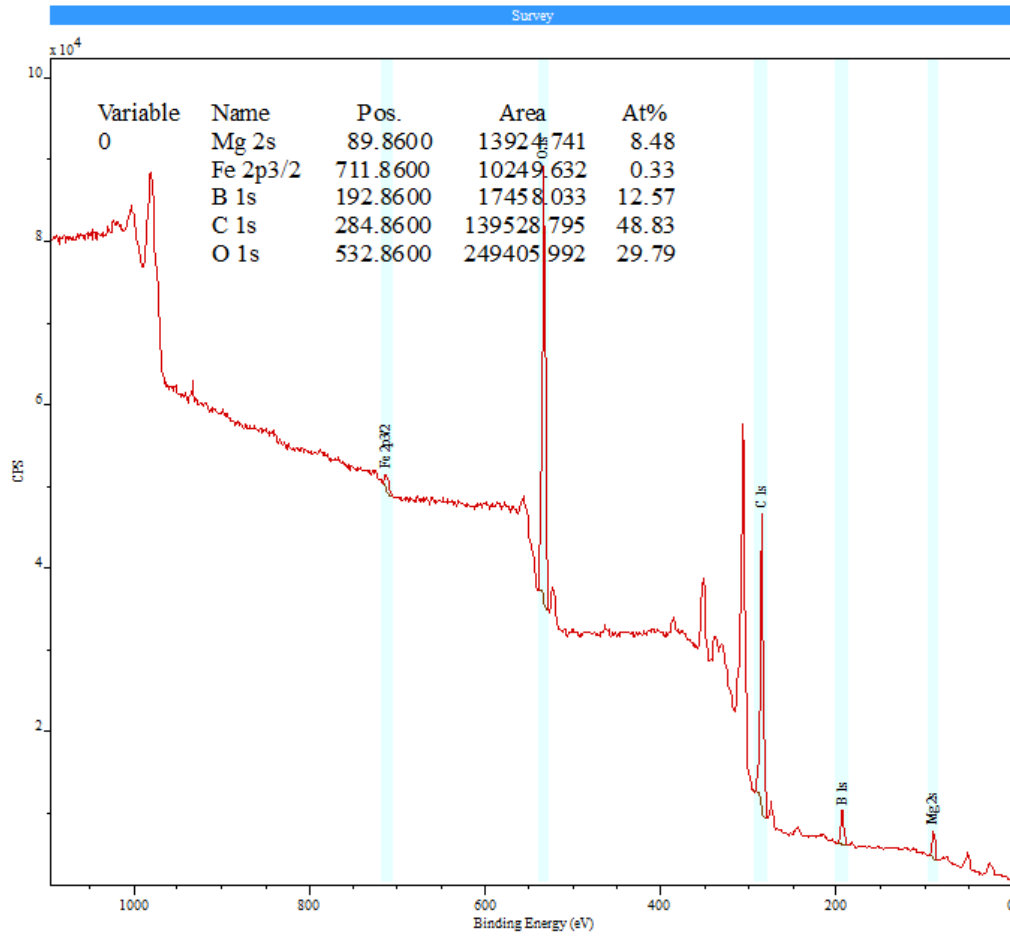
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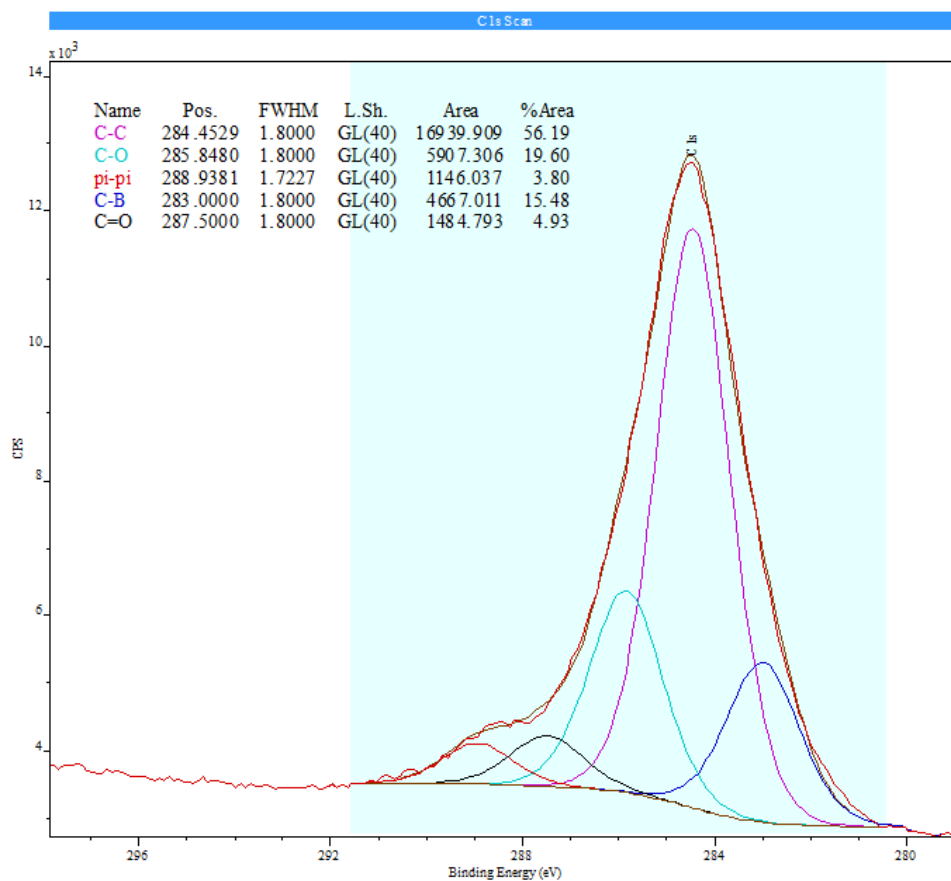




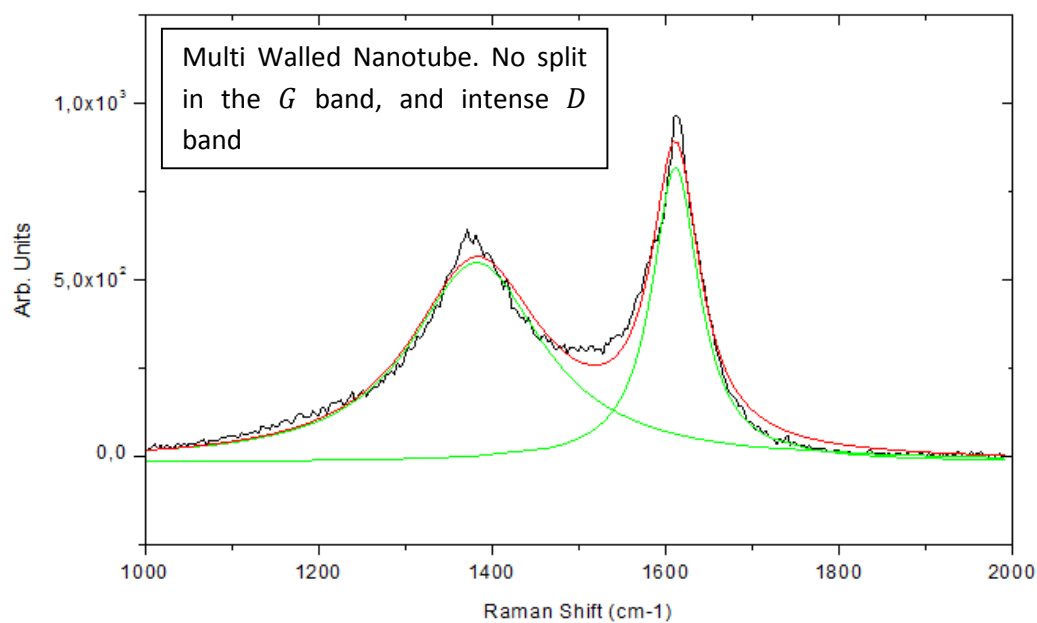


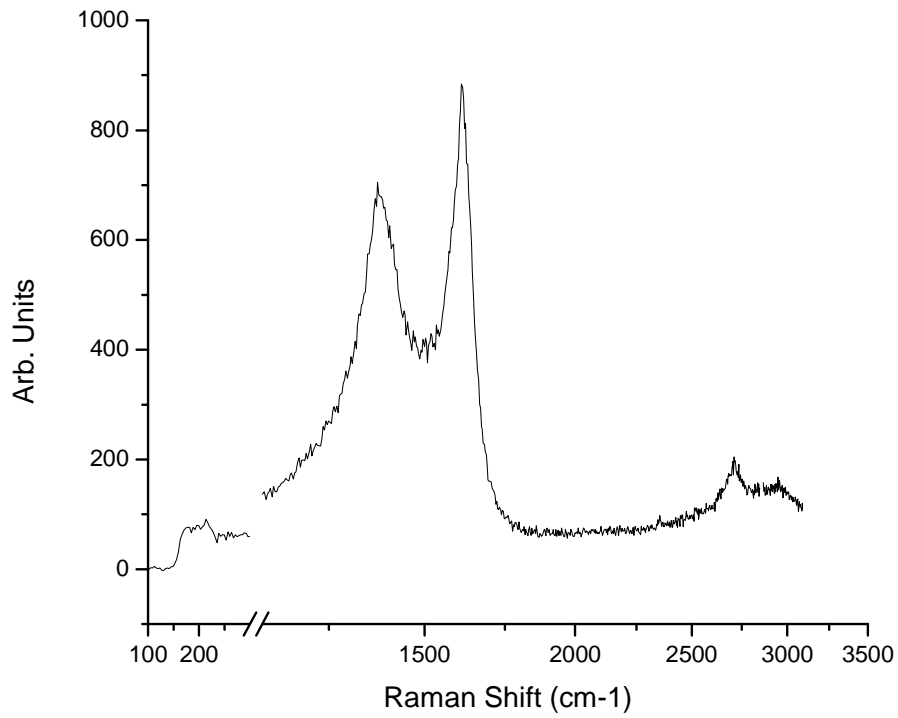
## Experiment Run 8:



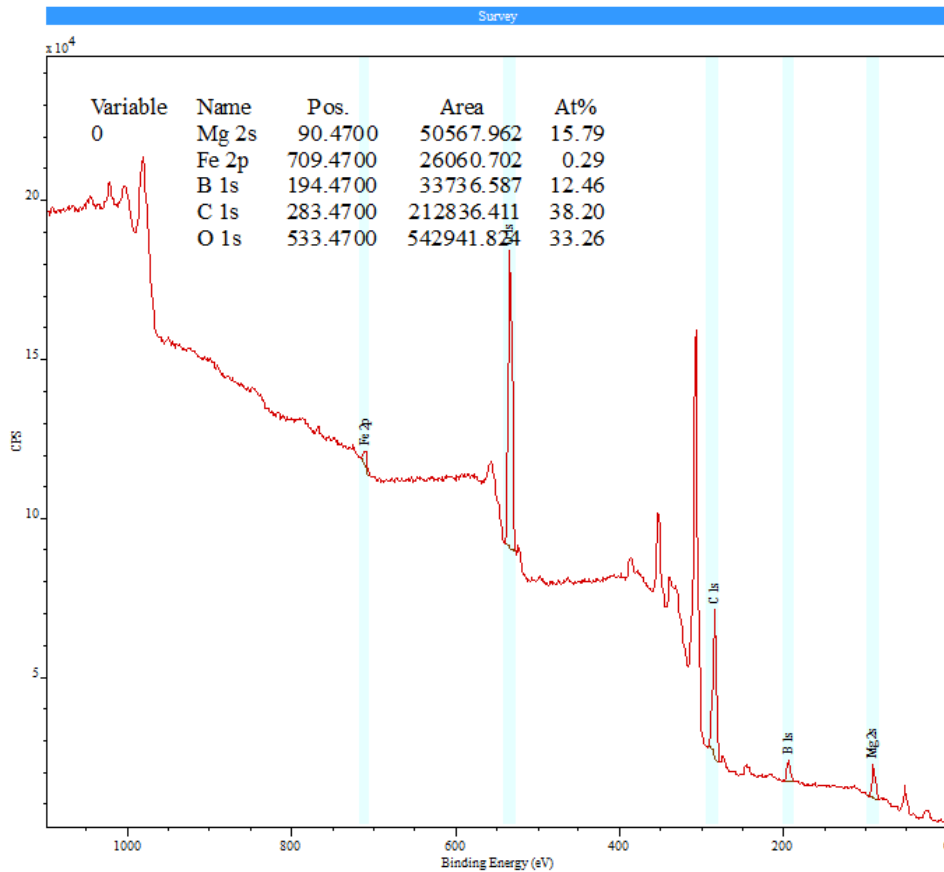


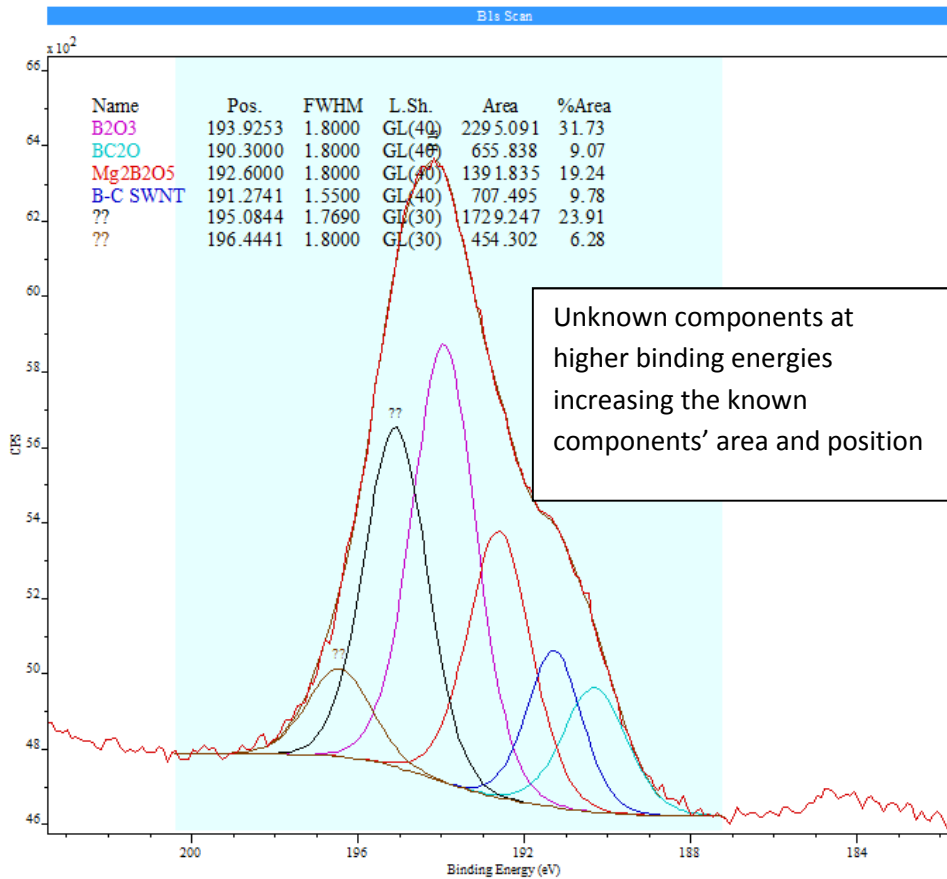
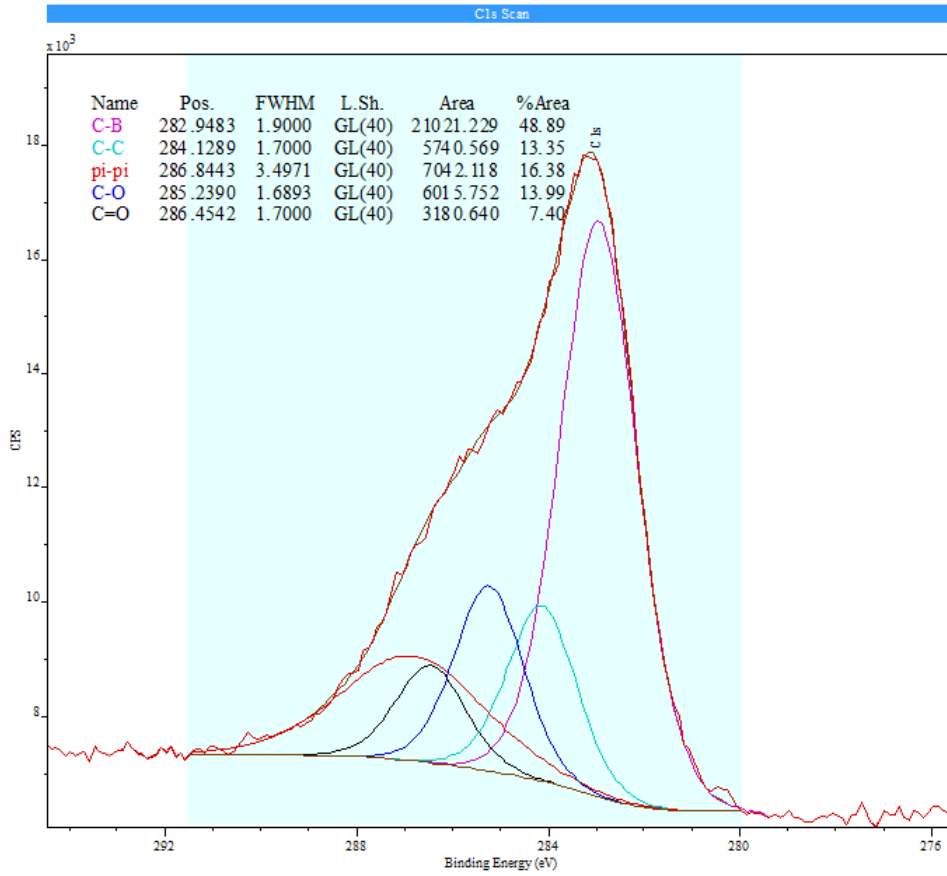
No B1s spectrum was acquired for this sample.



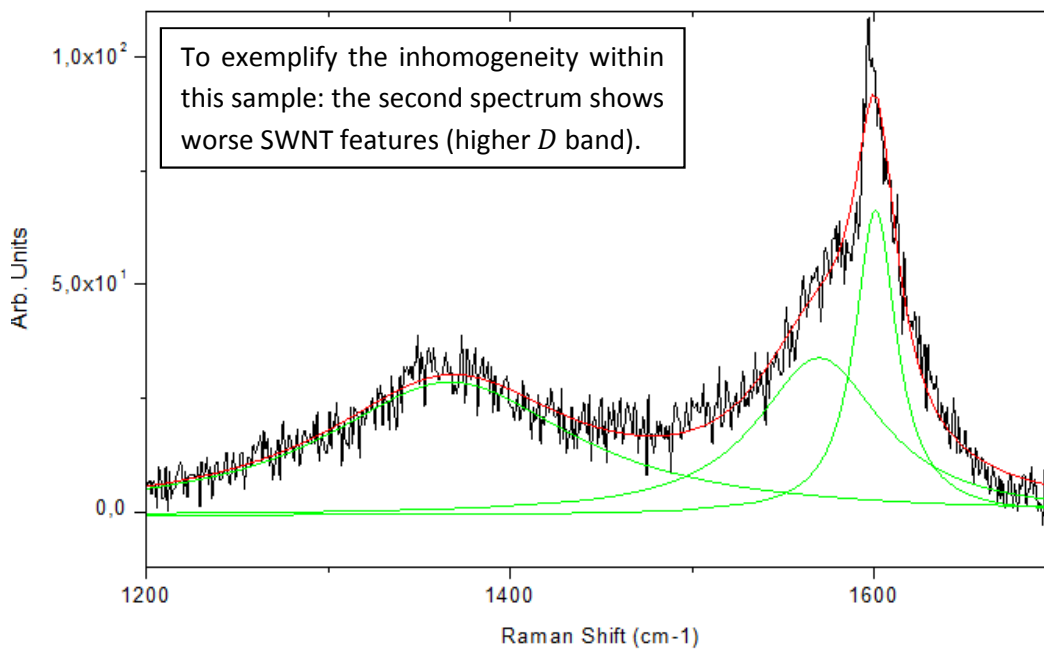
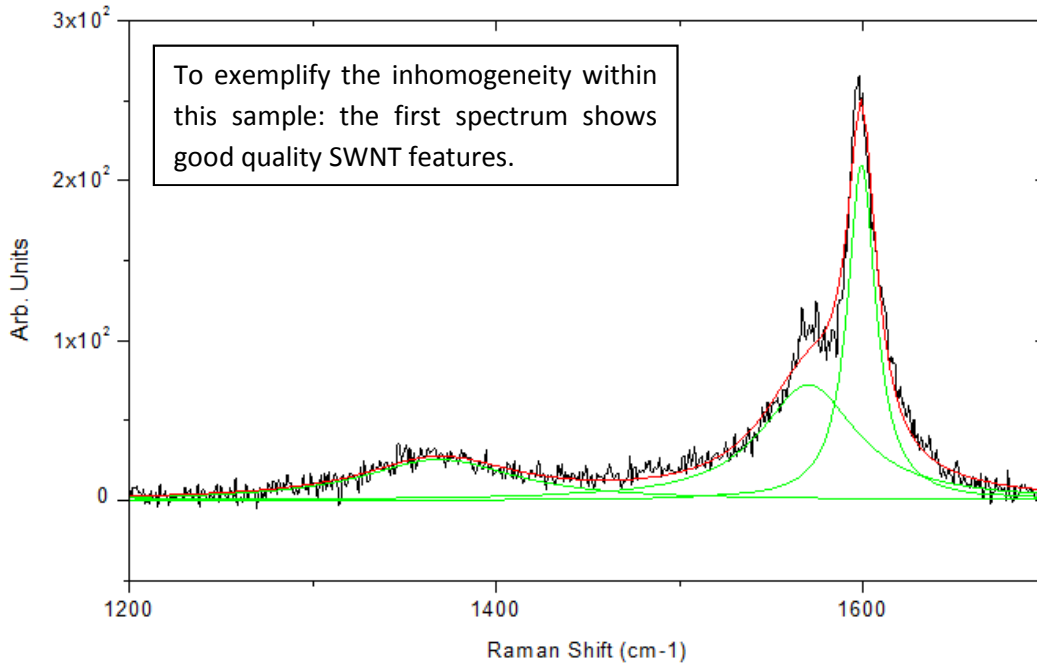


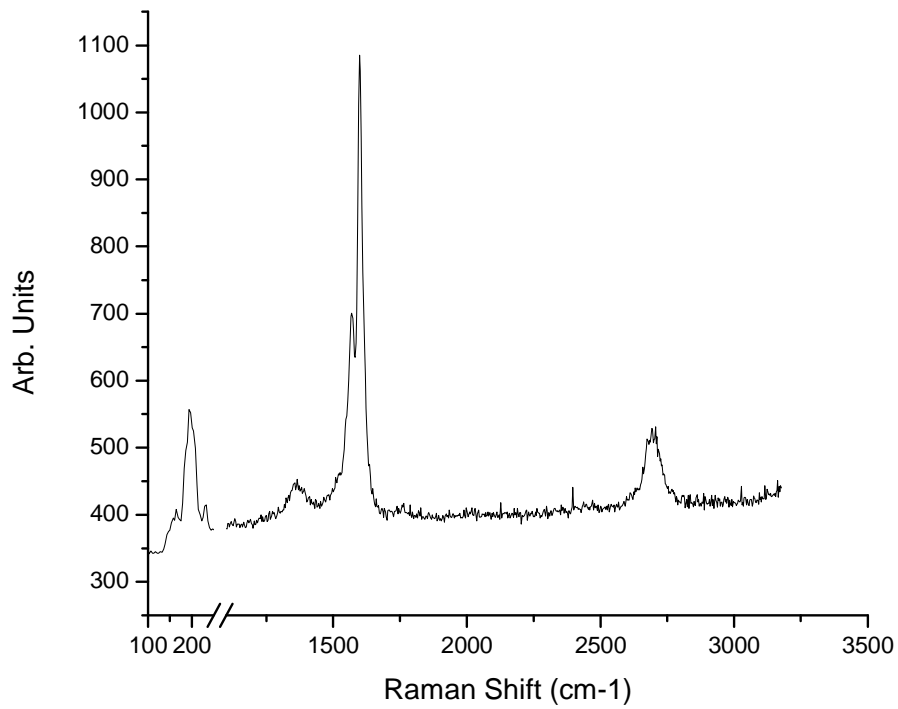
### Experiment Run 9:



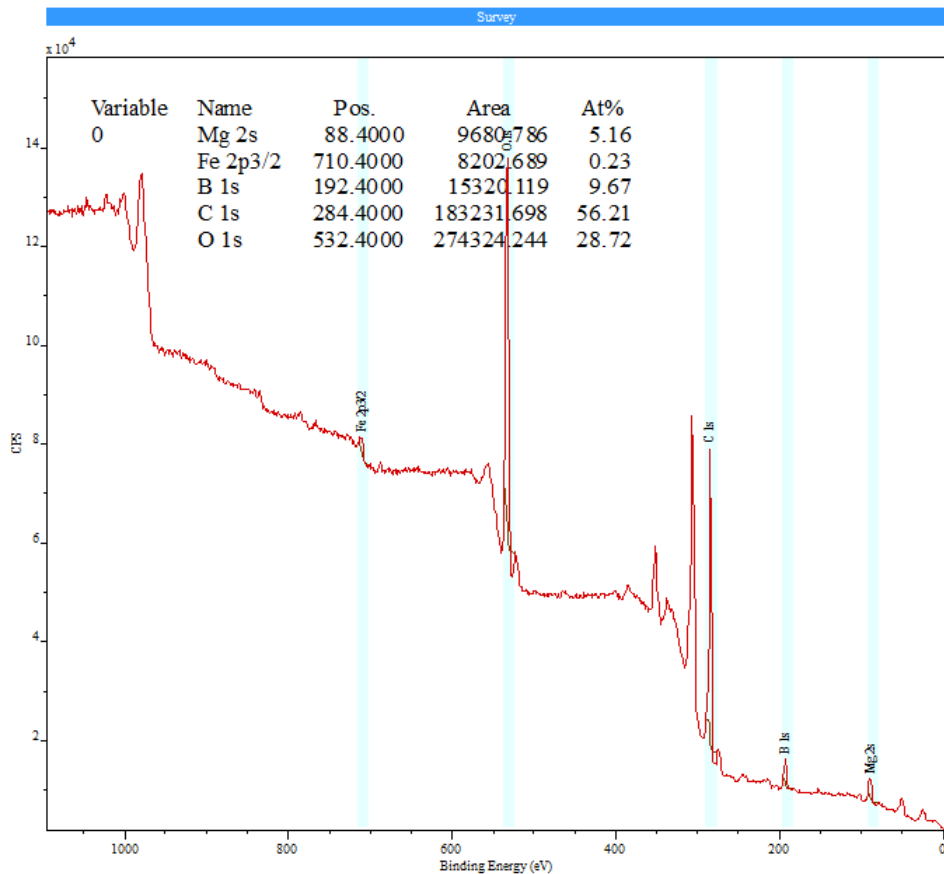


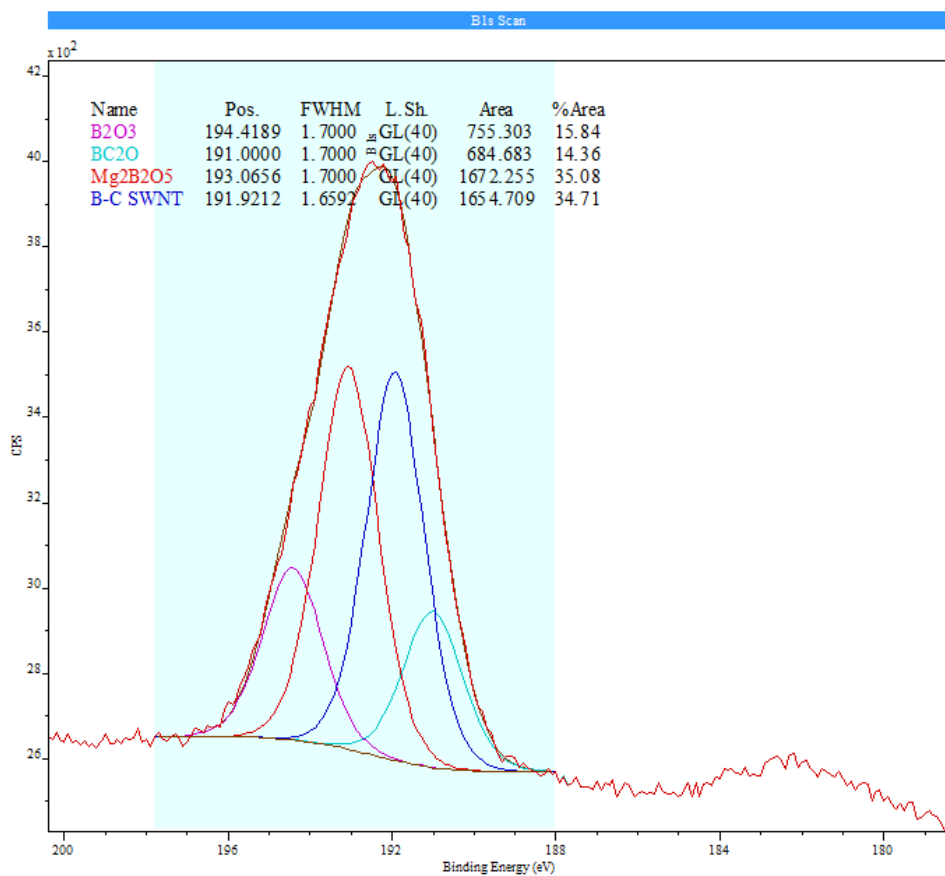
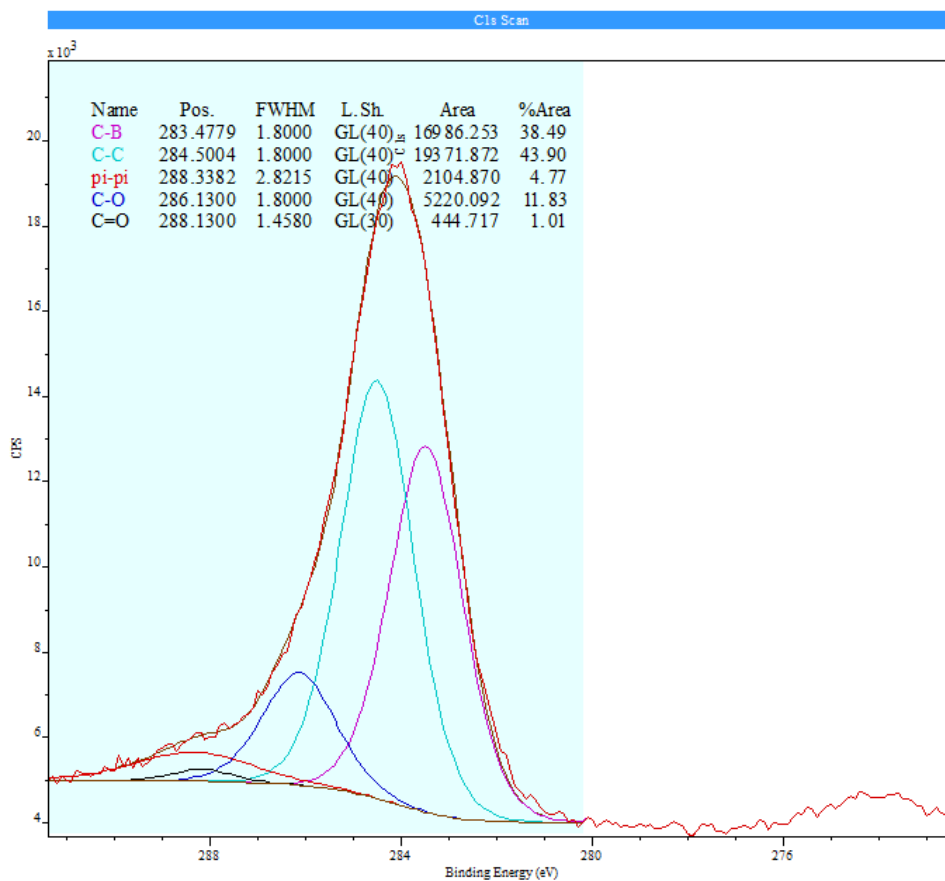


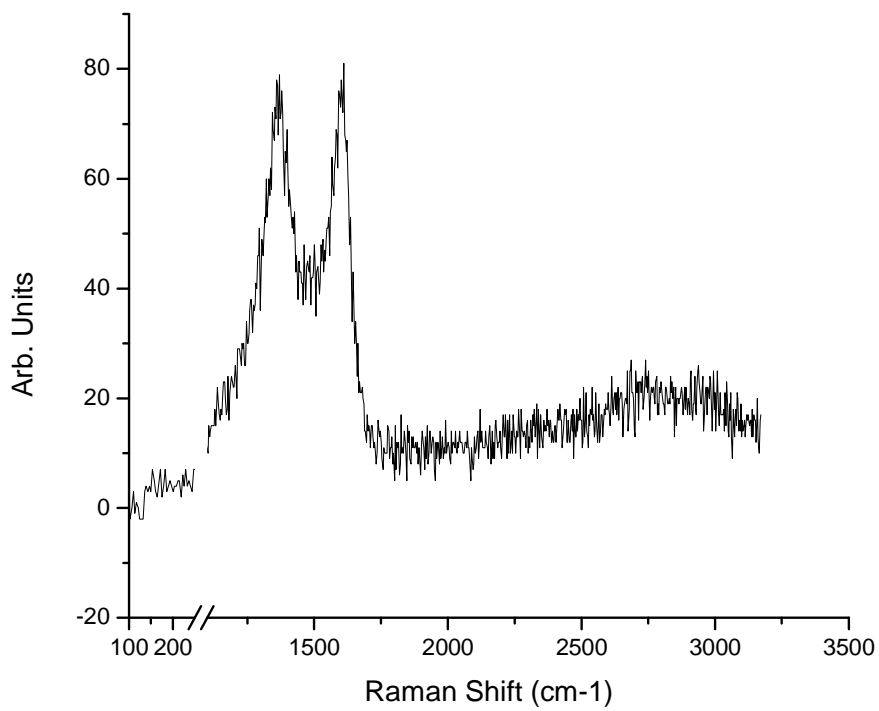
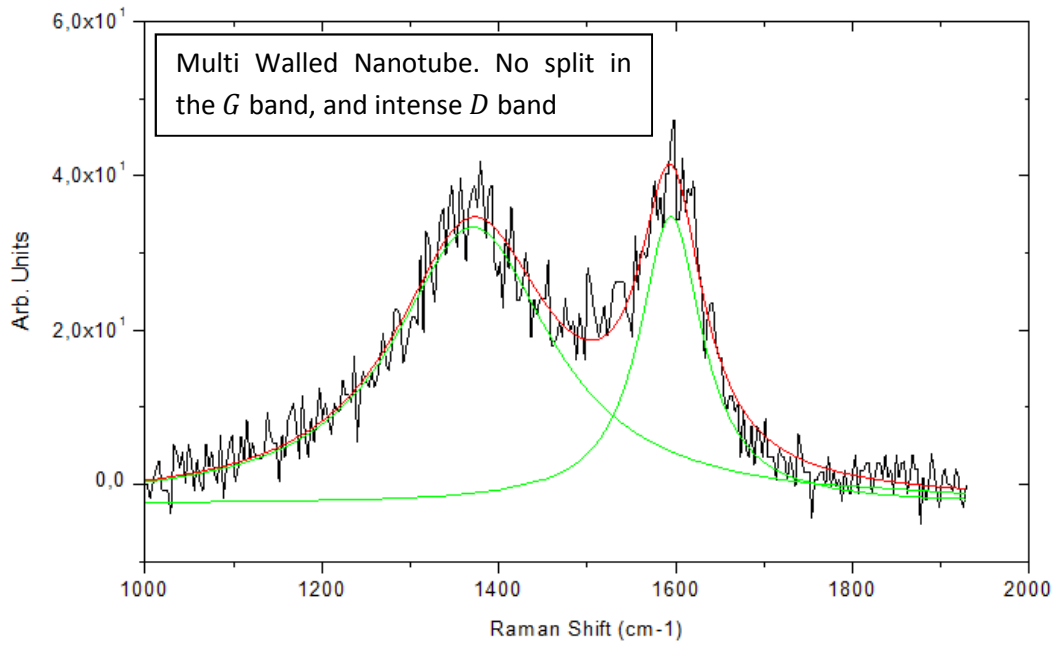




### Experiment Run 10:

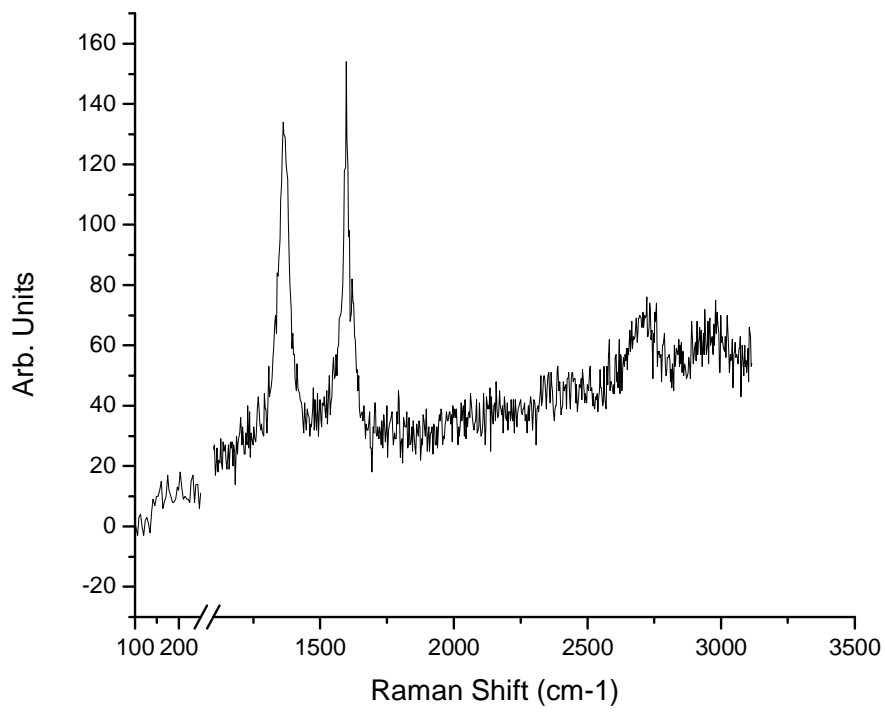
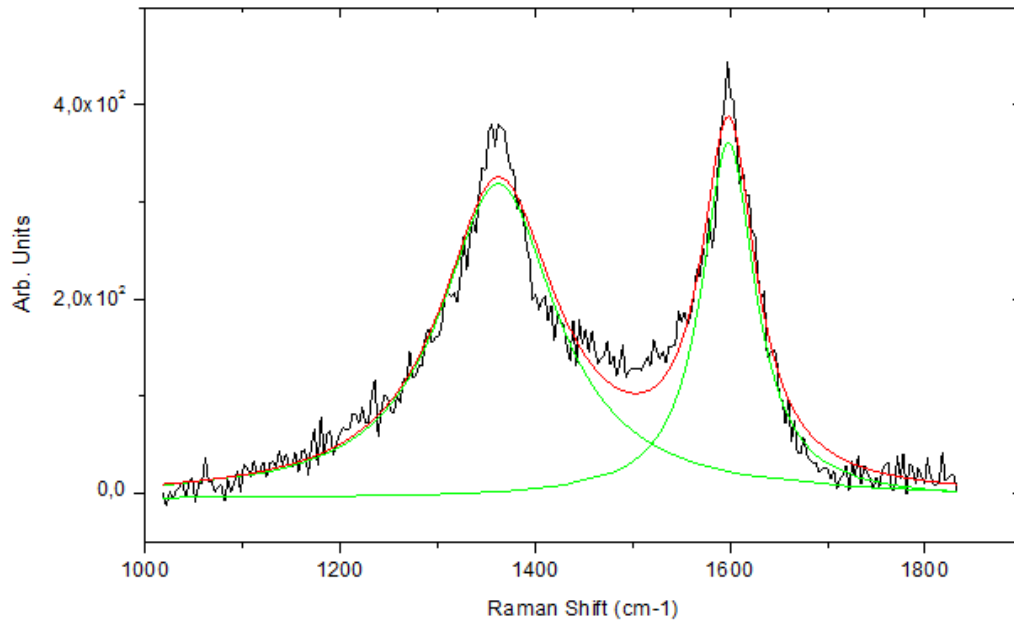




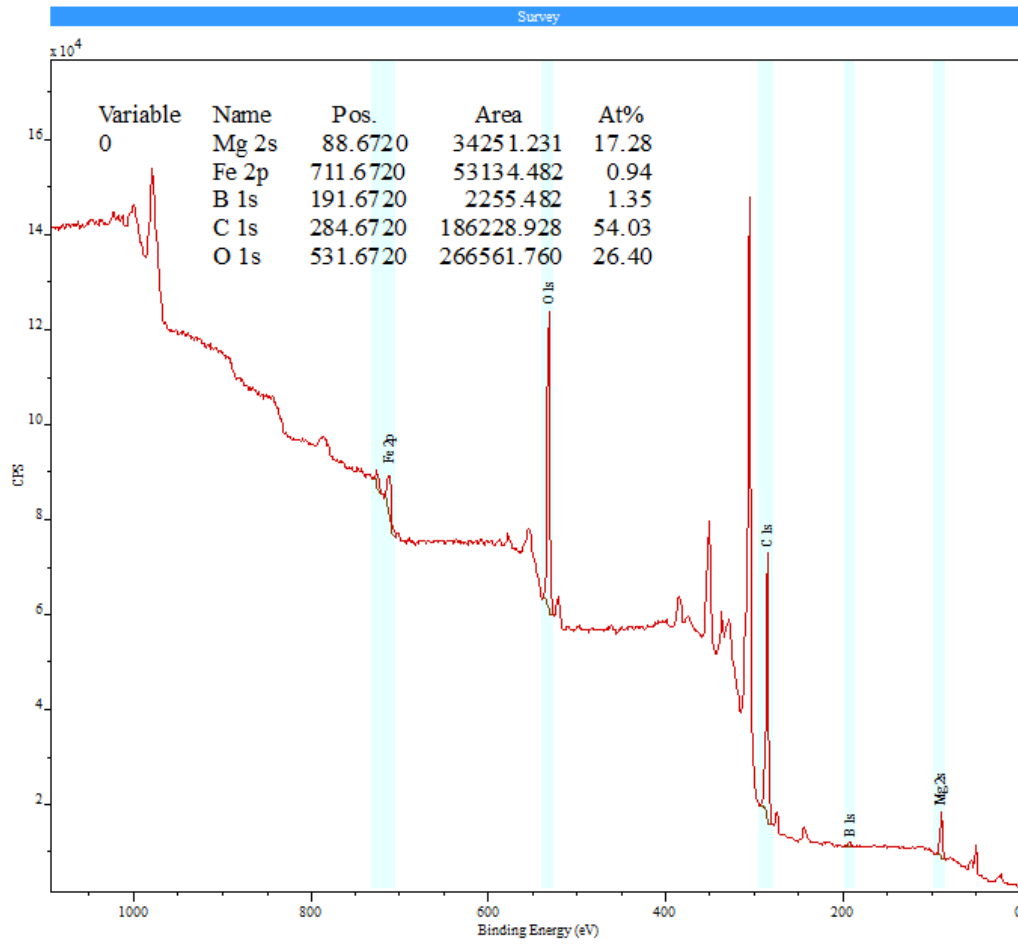


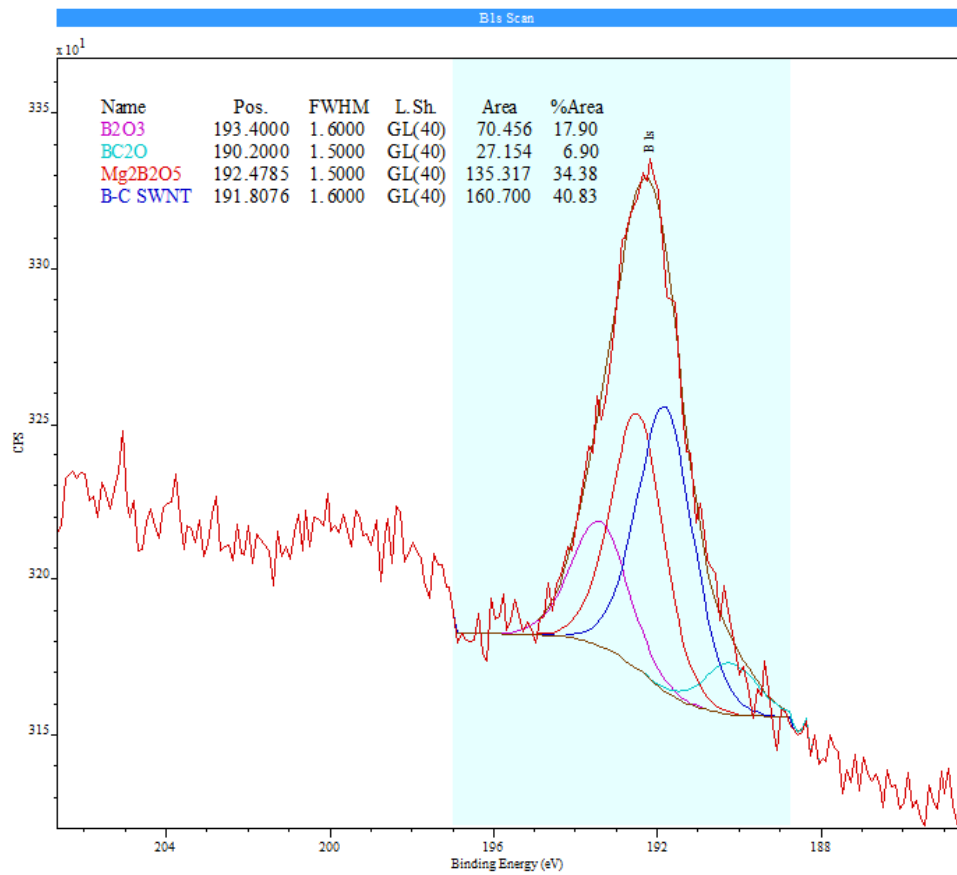
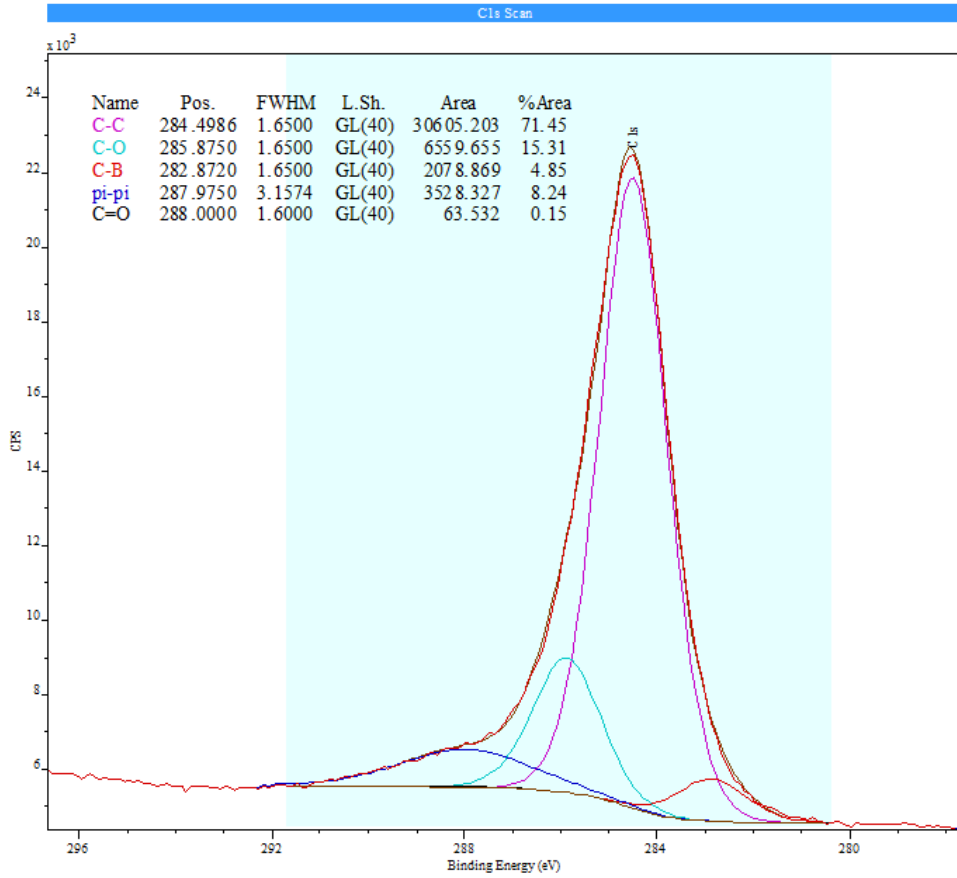
### Experiment Run 11:

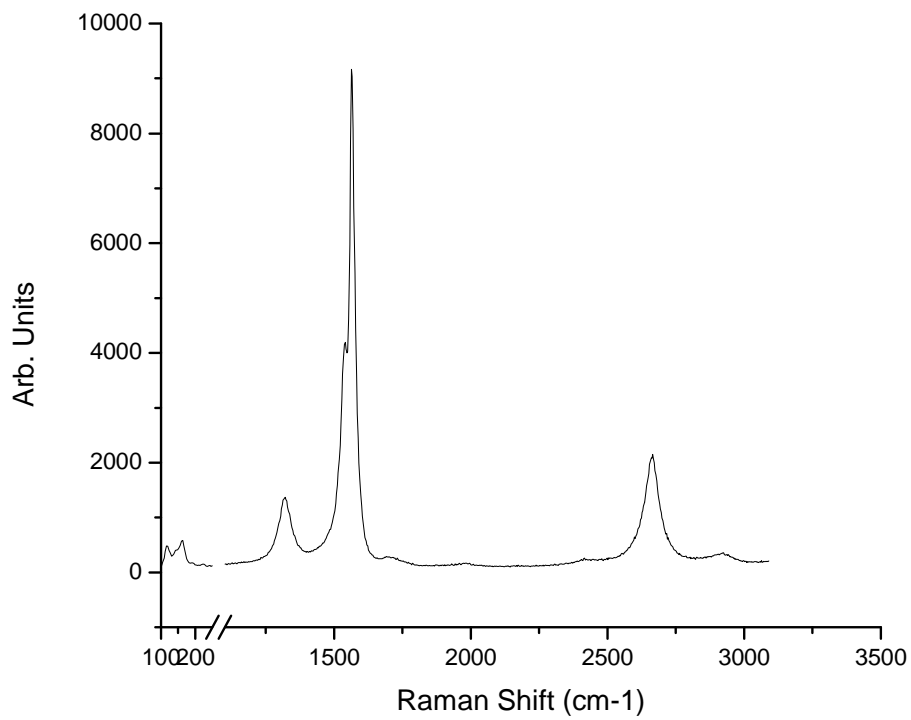
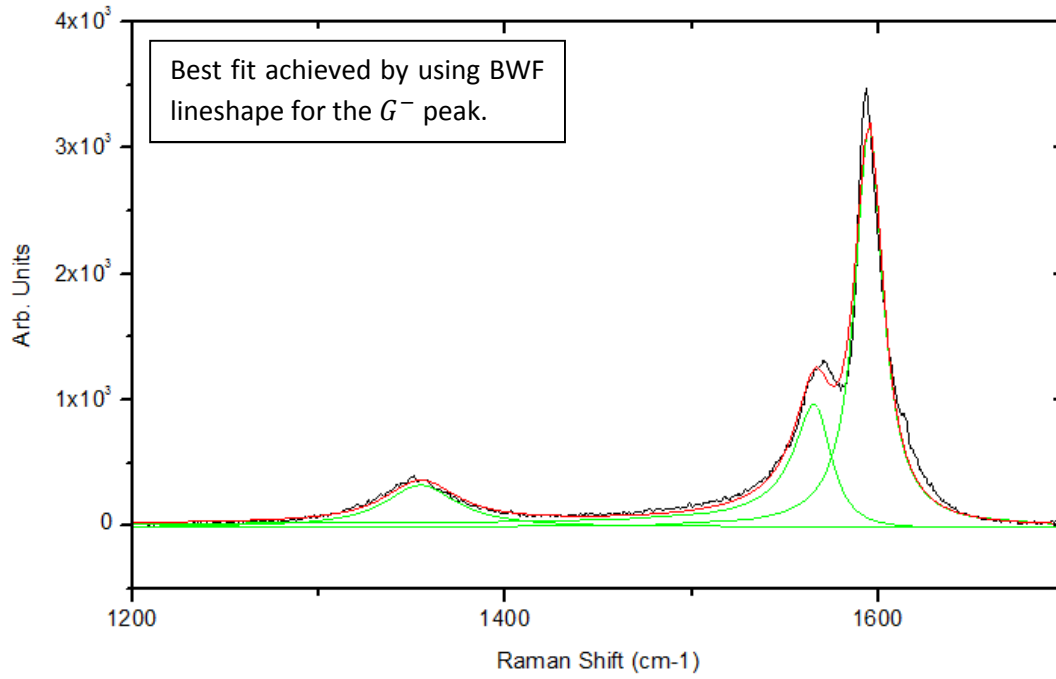
This experiment does not have XPS recorded.



## Experiment Run 12:









## Experiment Run 13:

