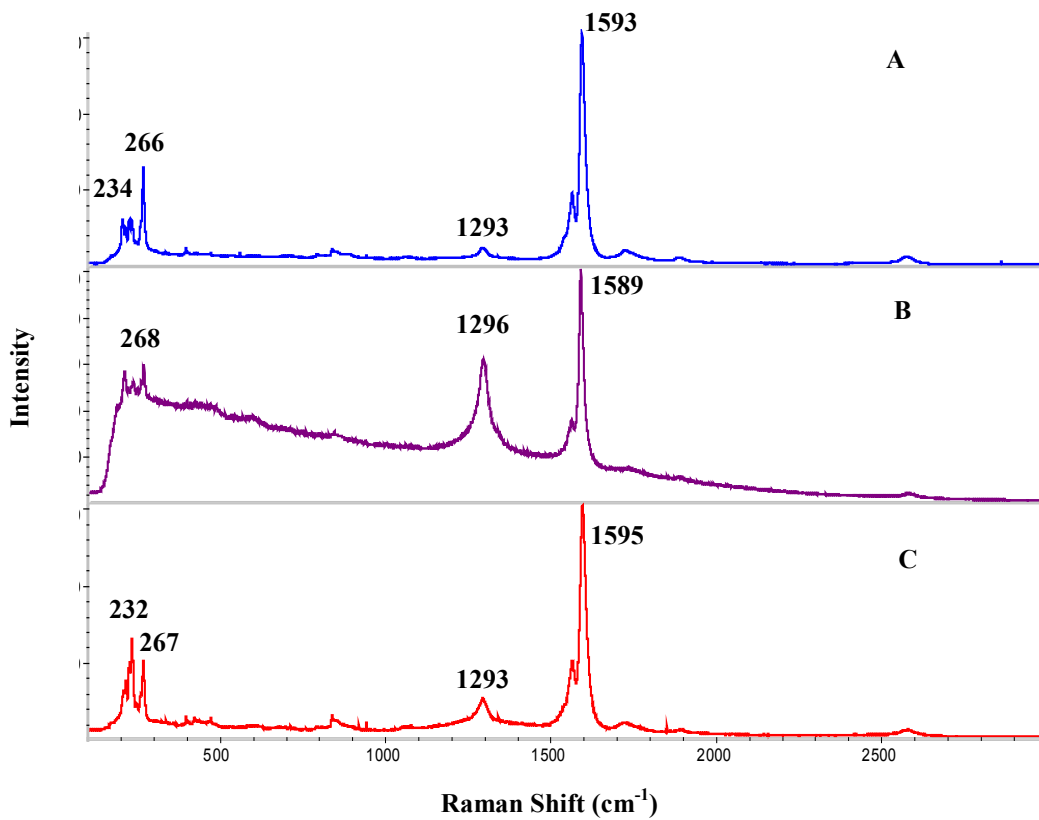
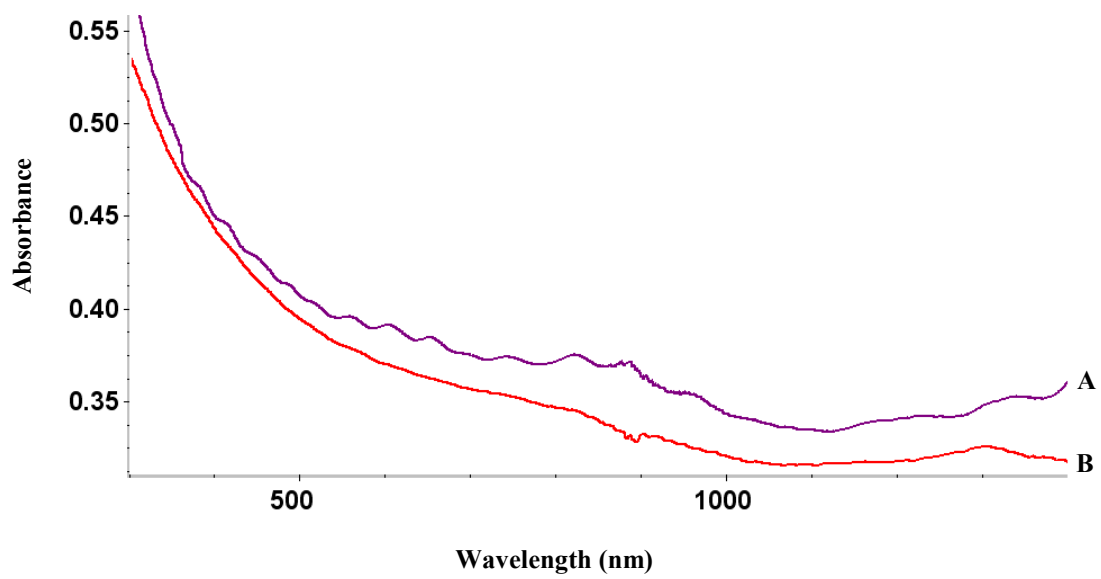


Electronic Supplementary Information



**Fig. S1:** Raman spectra of pristine and functionalized SWNTs. (A) purified pristine SWNTs, (B): phenylated SWNTs, **1a**, (C) residue from phenylated SWNTs after TGA.



**Fig. S2:** UV-Vis-NIR spectra of pristine and functionalized SWNTs. (A) purified pristine SWNTs, (B) phenylated SWNTs, **1a**.