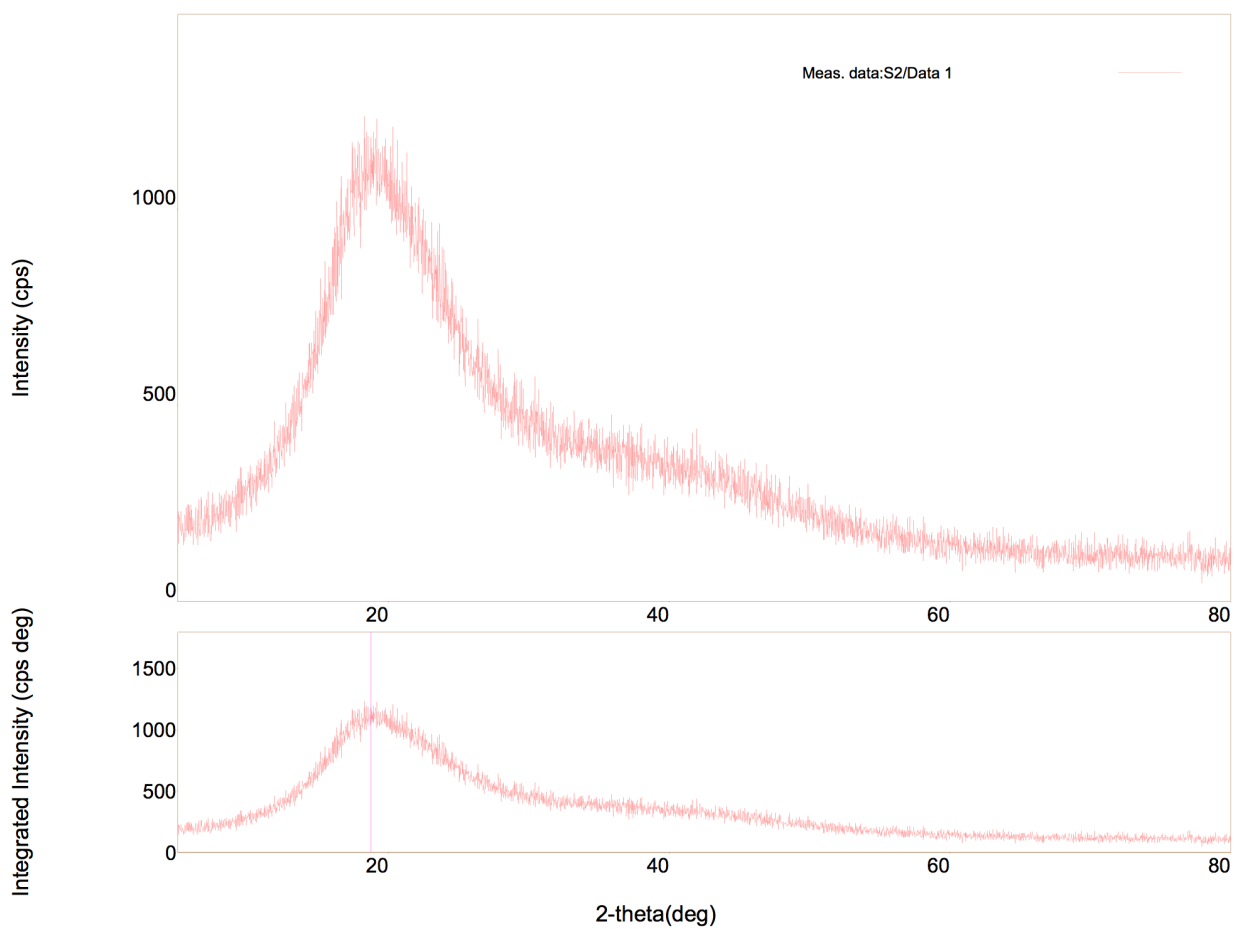


Figure 1. XRD date of carbon nanoparticle showing $2\Theta = 18.94$ and size = 9.65 nm.



2-theta (deg)	d (ang.)	Height (cps)	Int. I(cps·deg)	FWHM(deg)	Size
18.94(8)	4.73(2)	470(40)	4765(163)	8.72(6)	9.65(7)

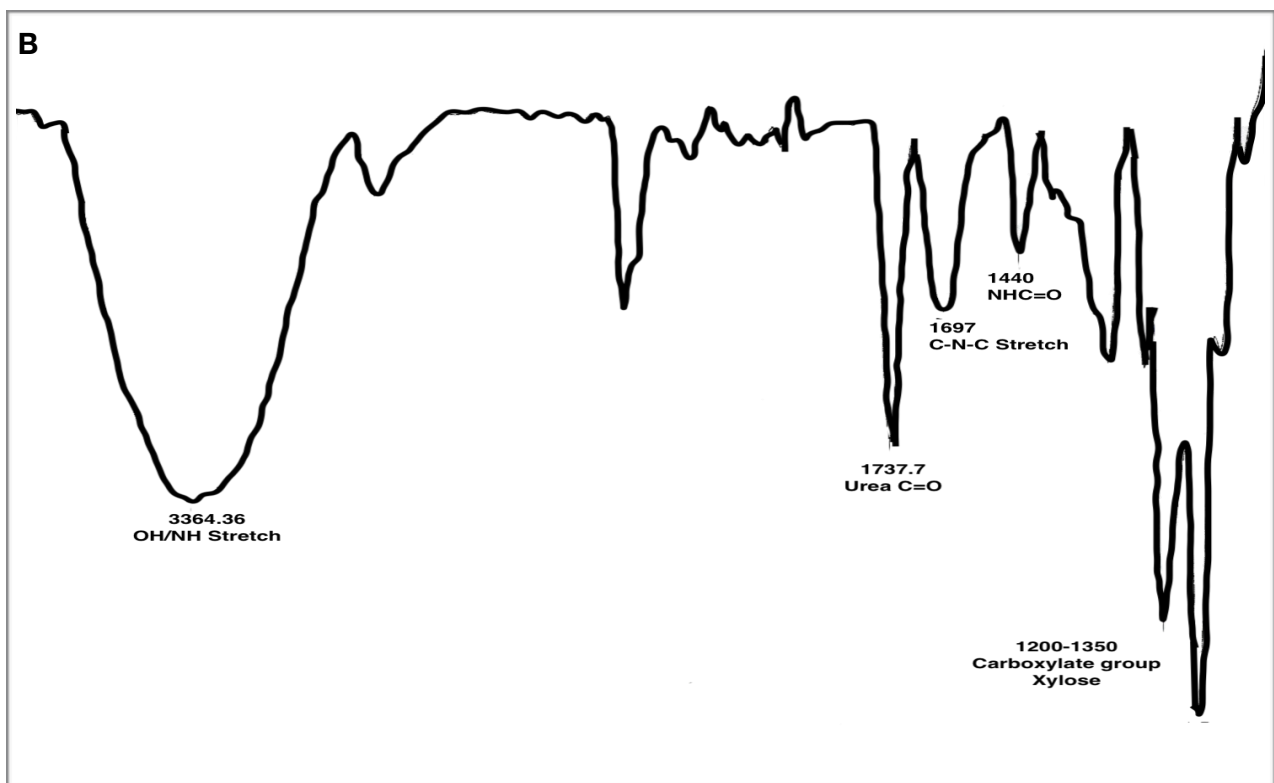
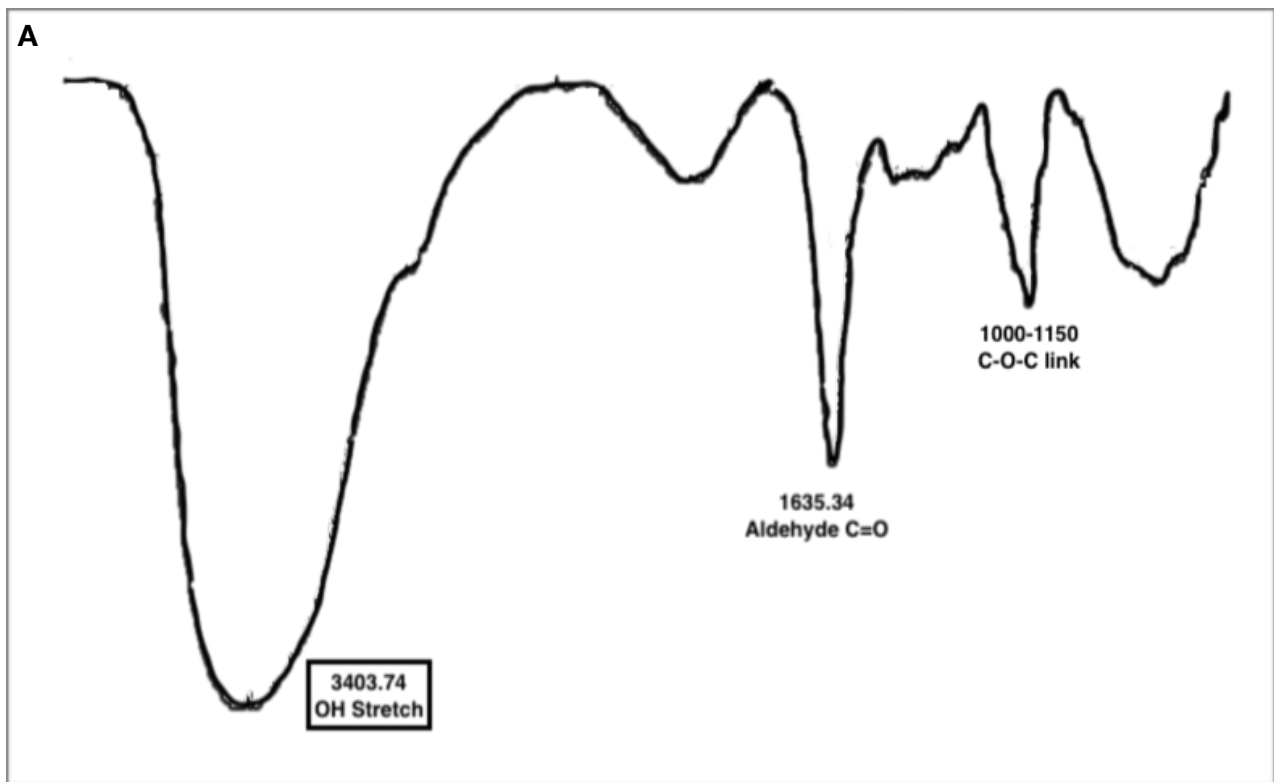


Figure 2. FTIR analysis of (A) CNP showing spikes for OH, C=O and C-O-C bond formation and (B) amino functionalized CNP showing spikes for OH of CNP, carbonyl and C-N-C stretch of urea.

Figure 3. MS spectrum of Hydroxylinalool (A) and linalyl acetate (B) which are separated at RT= 15.35 and 17.22 min, respectively.

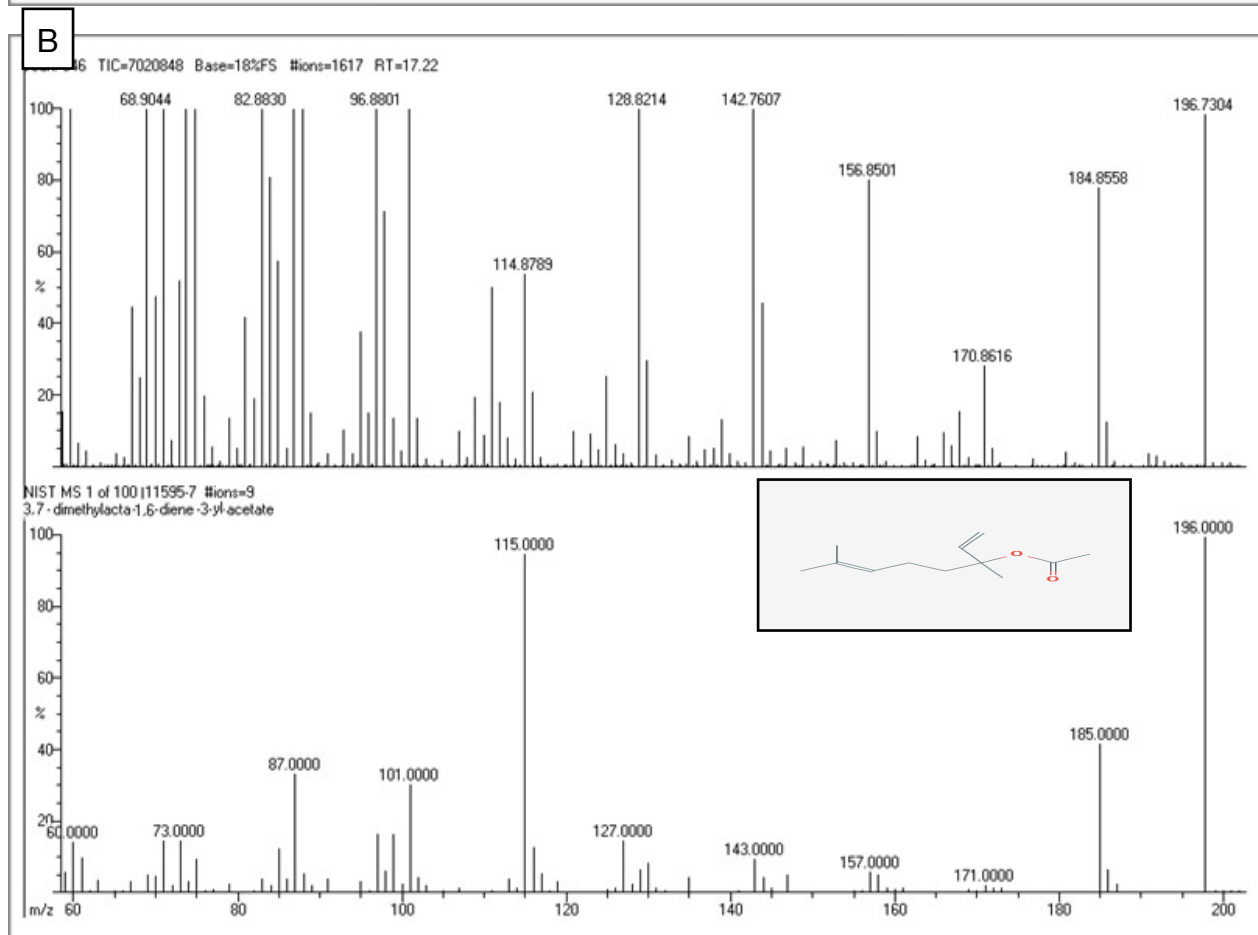
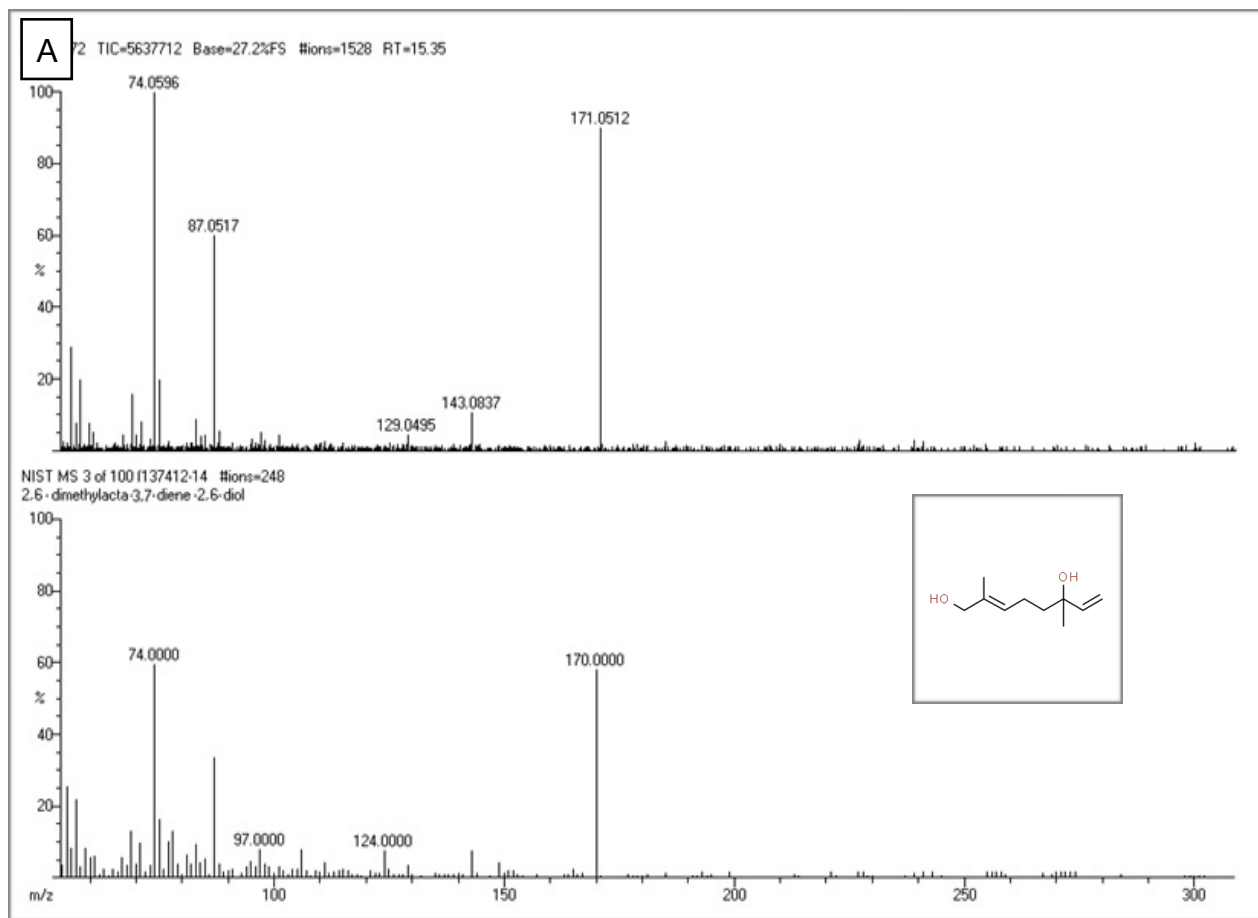


Figure 4. MTT plates of HeLa Cell lines loaded with LP (A) and LP-CNP (B) showing >70% activity at a concentration of 250µg/mL.

