

The present work was pointed the recognizable proof of the presence of phytochemicals in ethanolic concentrate of nearby *Punica granatum* rind by utilizing gas chromatography/mass spectroscopy; an in vitro investigation of the impact of ethanolic unrefined concentrates of *Punica granatum* rind on cervical tumor human cell lines (Hela) after 24hour of exposure. The ethanolic concentrate was set up from dried skin of *Punica granatum*. Yield of concentrate was 12.3%.The ethanolic extract exhibit dose-dependent, cell specific inhibitory effects on human cervical cancer cell line (Hela), was exponentially inhibited with increasing concentration of each extract. Ethanolic extract was produced a clear significant inhibition on Hela cell line, with IC50 values equal to 143.5µg/dl.