

HPLC-PDA polyphenolic quantification, UHPLC-MS secondary metabolites composition and in-vitro enzyme inhibition potential of *Bougainvillea glabra*

Hammad Saleem^{1,2,*}, Thet Thet Htar¹, Rakesh Naidu³, Sirajudheen Anwar⁴, Gokhan Zengin⁵, Marcello Locatelli⁶ and Nafees Ahemad^{1,*}

¹ School of Pharmacy, Monash University Malaysia, Jalan Lagoon Selatan, 47500, Bandar Sunway, Selangor Darul Ehsan, Malaysia; email: hammad.saleem@monash.edu; nafees.ahemad@monash.edu

² Institute of Pharmaceutical Sciences (IPS), University of Veterinary & Animal Sciences (UVAS), Lahore, 54000, Pakistan; email: hammad.saleem@uvas.edu.pk

³ Jeffrey Cheah School of Medicine and Health Sciences, Monash University Malaysia, Jalan Lagoon Selatan, 47500 Bandar Sunway Selangor Darul Ehsan, Malaysia; email: rakesh.naidu@monash.edu

⁴ College of Pharmacy, University of Hail, Saudi Arabia; email: clinsiraj@gmail.com;

⁵ Department of Biology, Faculty of Science, Selcuk University, Campus/Konya, Turkey; email: gokhanzengin@selcuk.edu.tr

⁶ Department of Pharmacy, University 'G. d'Annunzio' of Chieti-Pescara, 66100, Chieti, Italy; email: m.locatelli@unich.it

* Correspondence: Hammad Saleem (hammad.saleem@uvas.edu.pk; hammad.saleem@monash.edu); [Nafees Ahemad \(nafees.ahemad@monash.edu\)](mailto:Nafees.Ahemad@monash.edu);

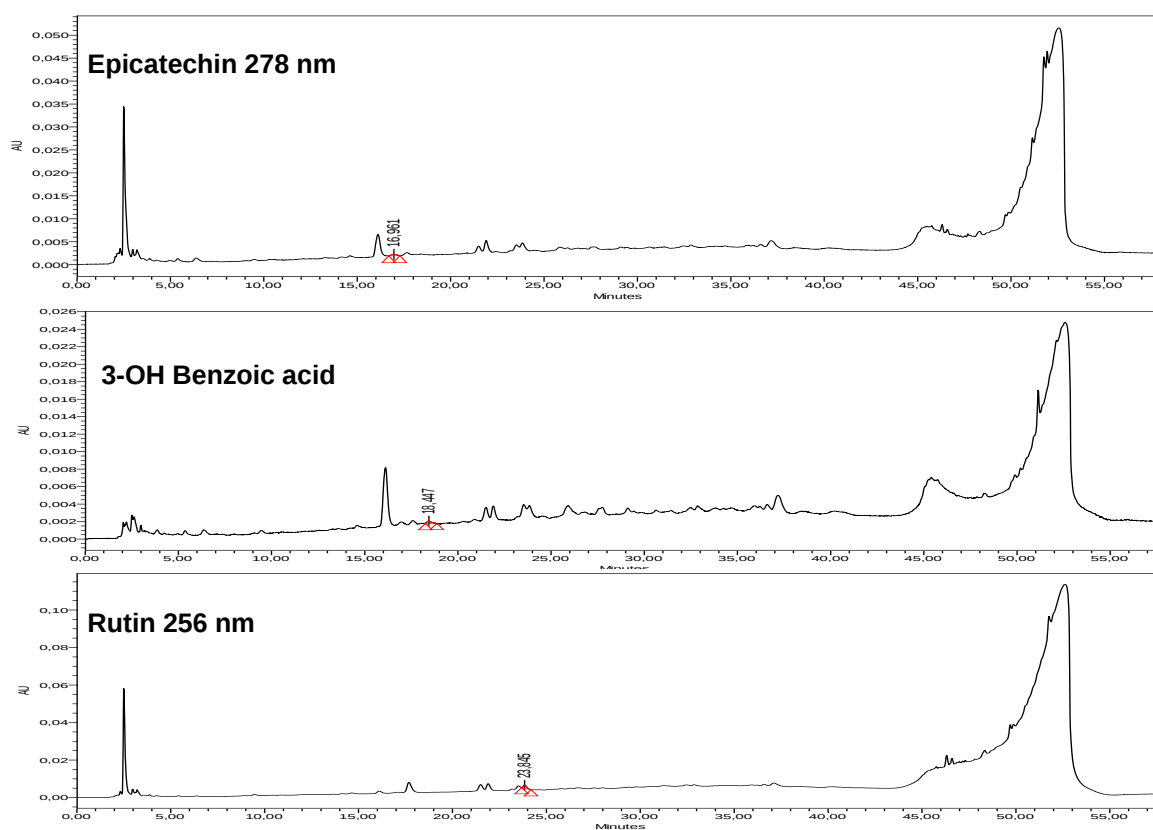


Figure S1. HPLC-PDA chromatograms *B. glabra* aerial methanol extract.

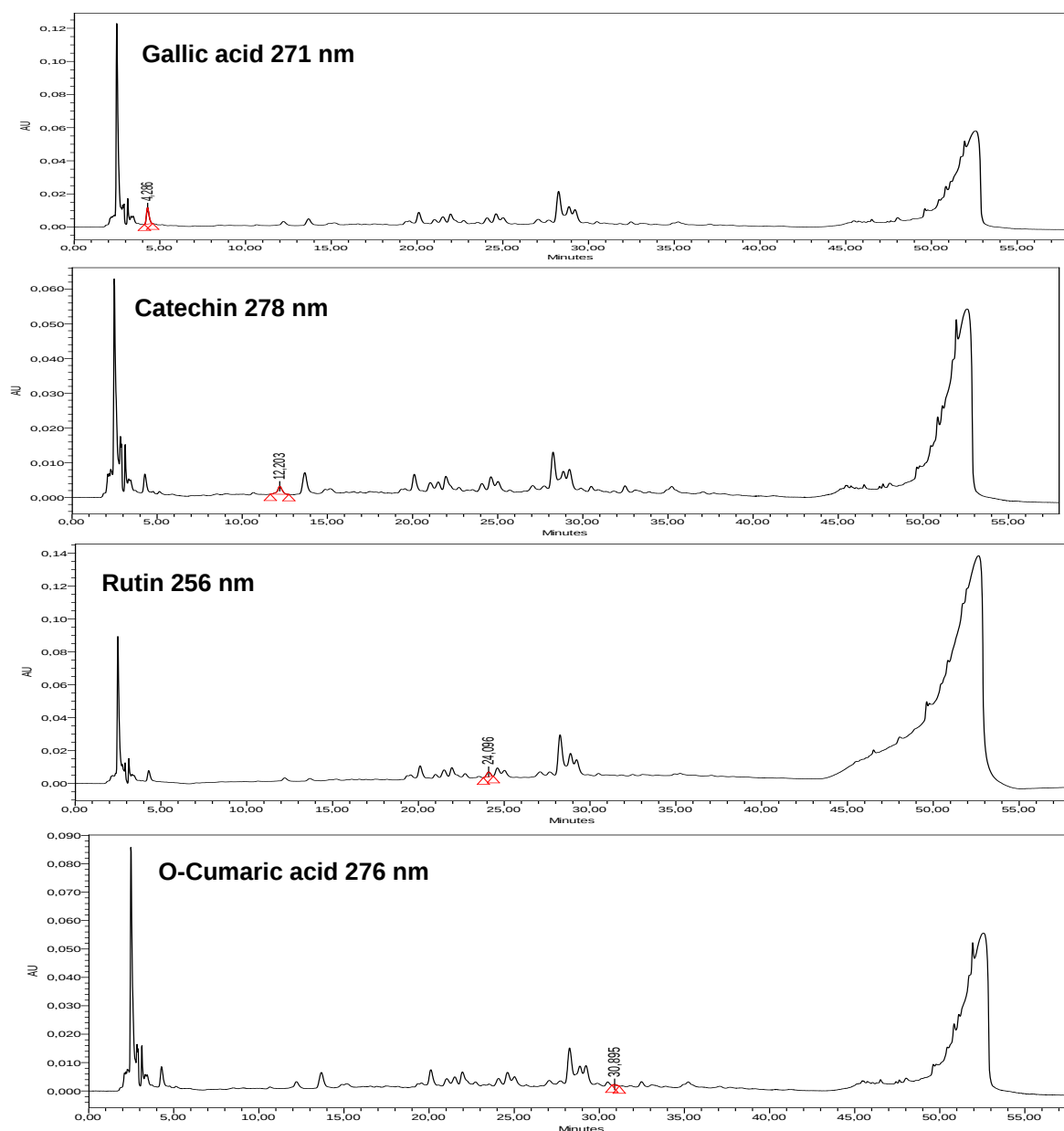


Figure S2. HPLC-PDA chromatograms *B. glabra* flower methanol extract.

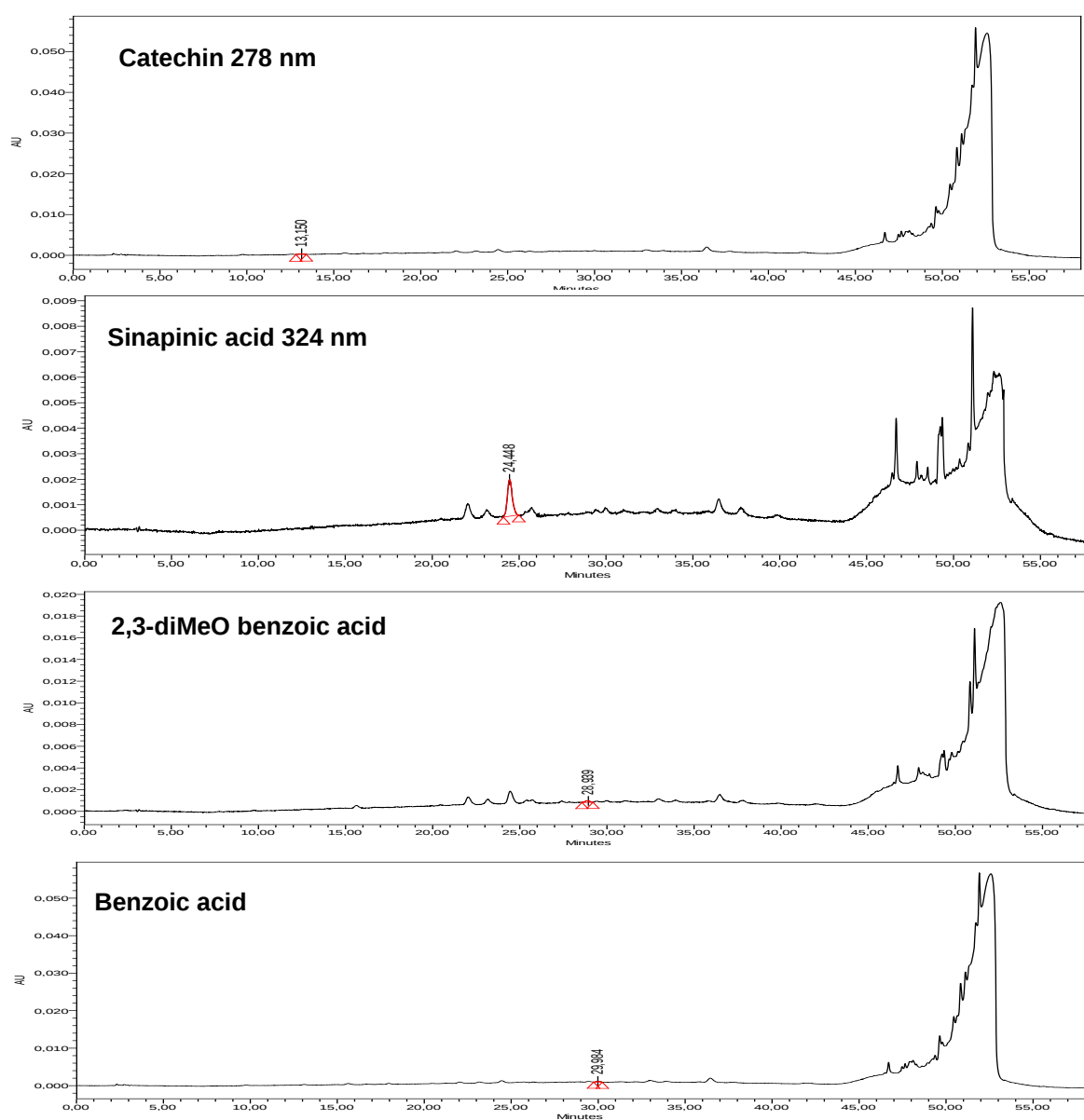


Figure S3. HPLC-PDA chromatograms *B. glabra* flower DCM extract.