

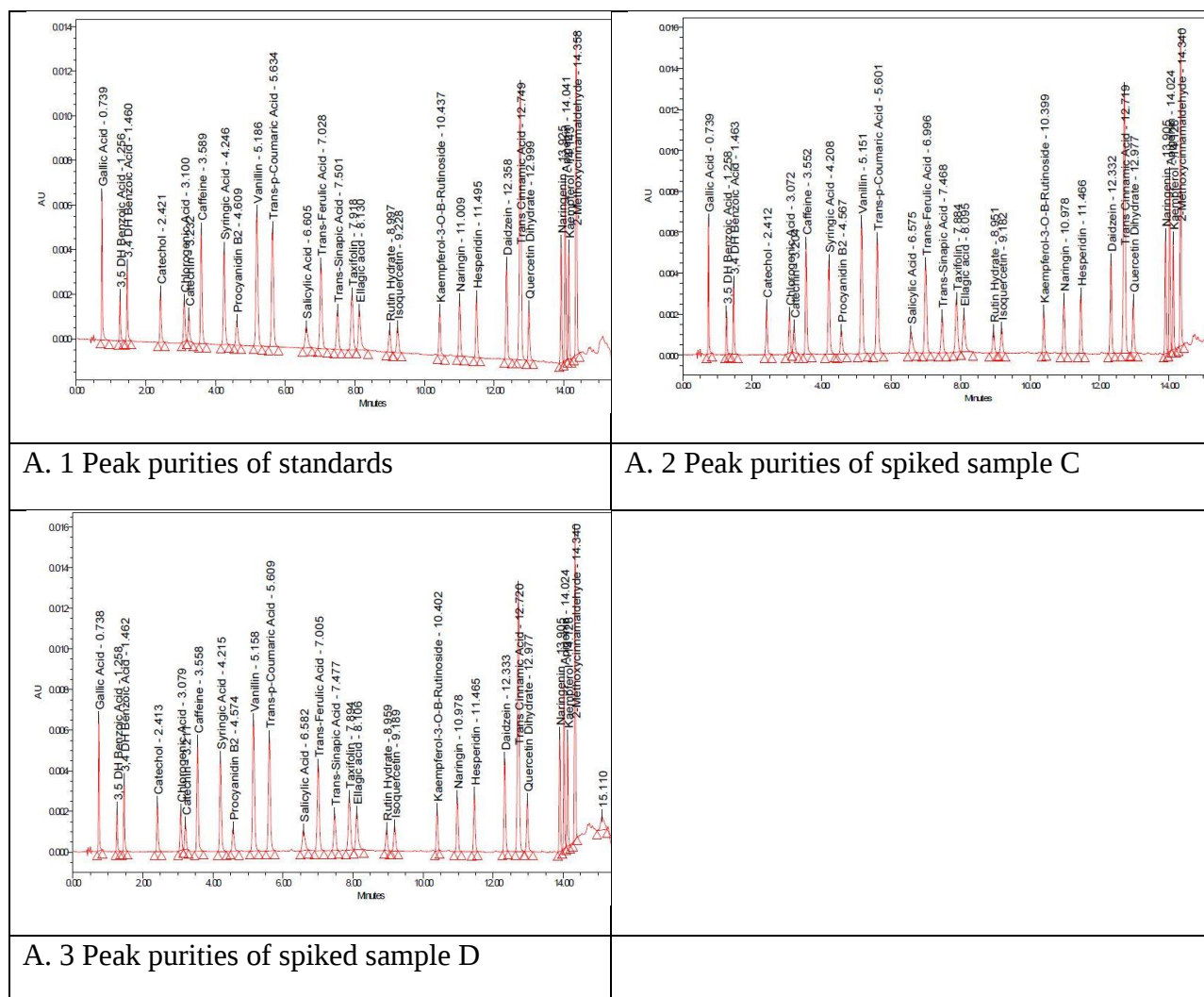
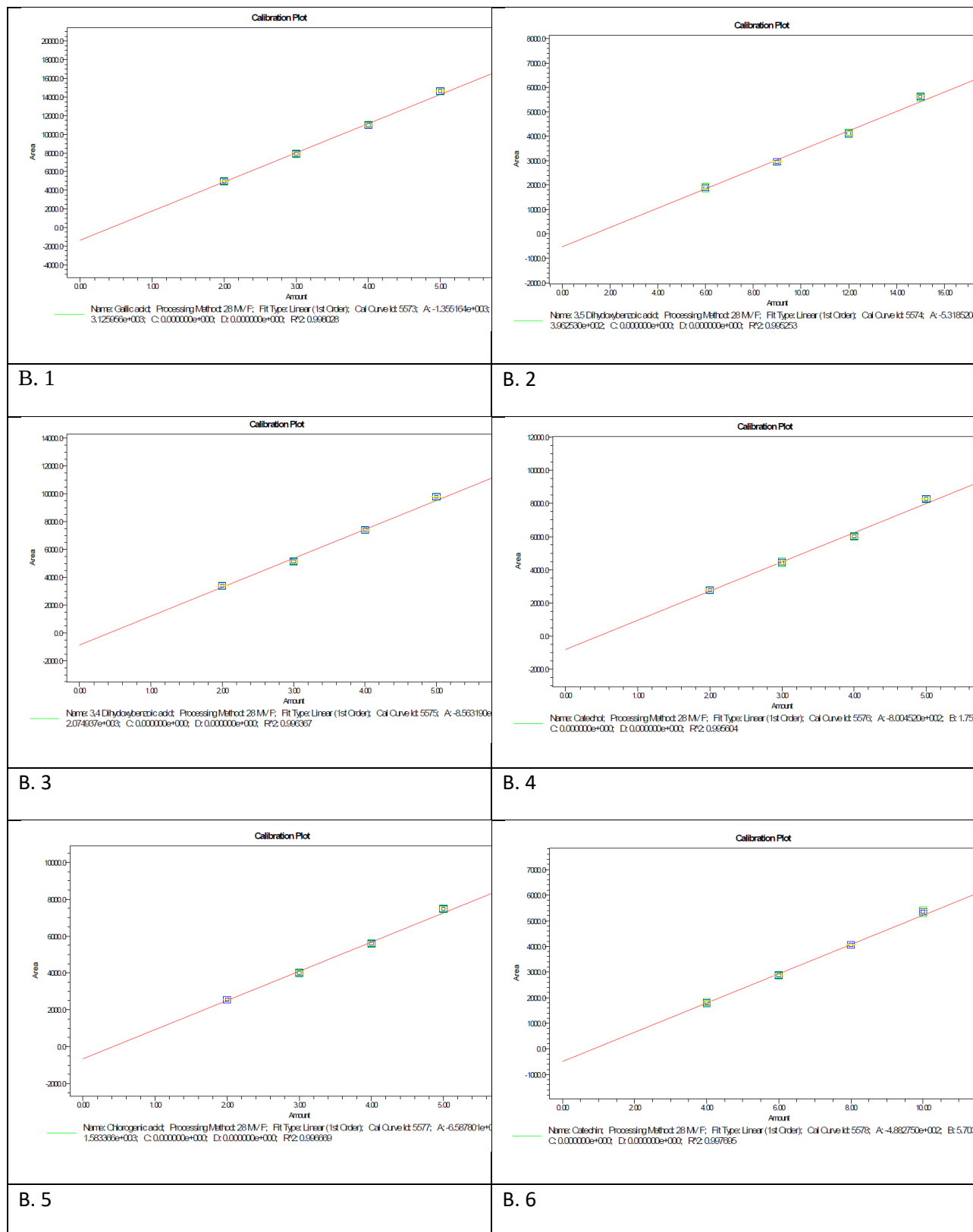
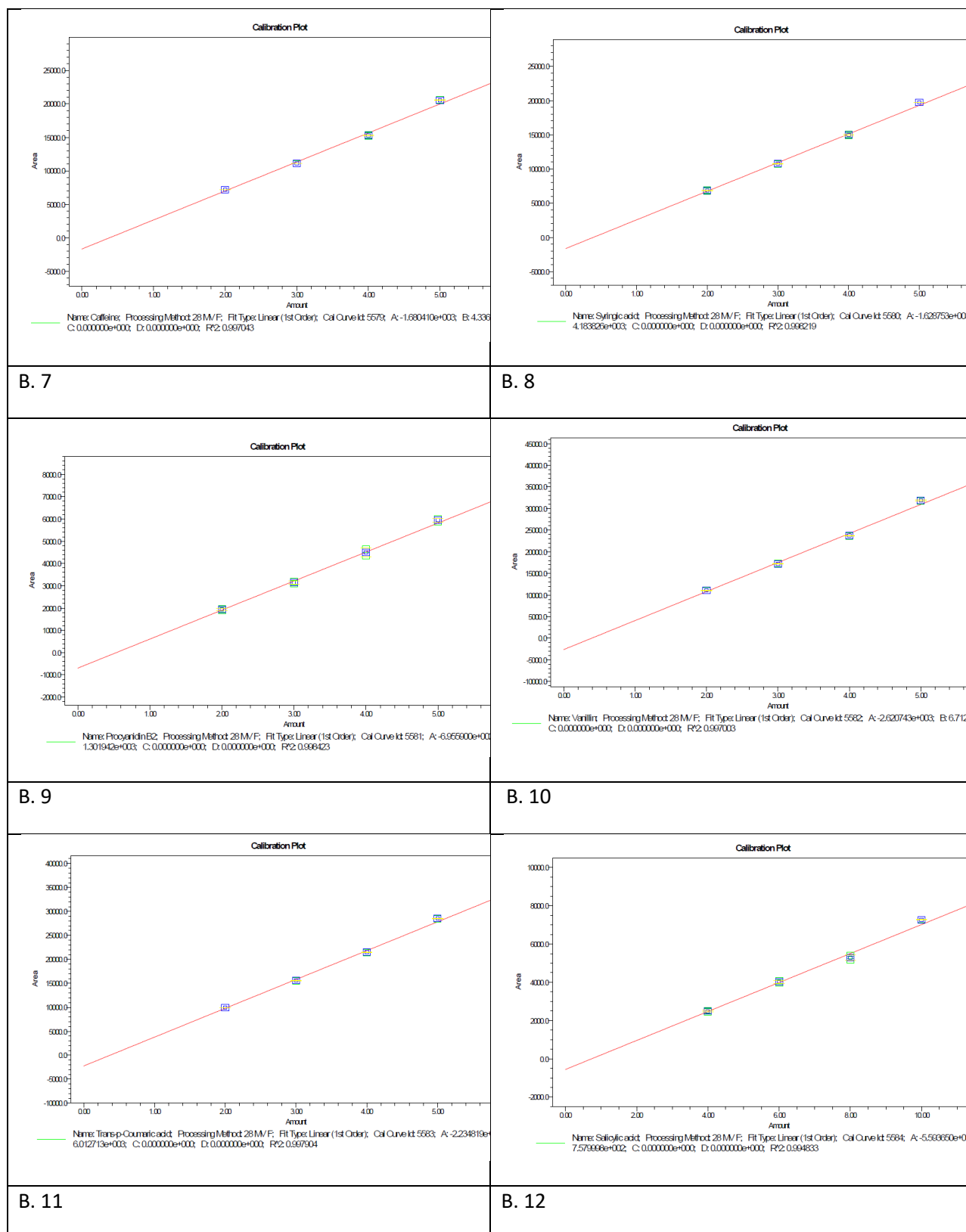
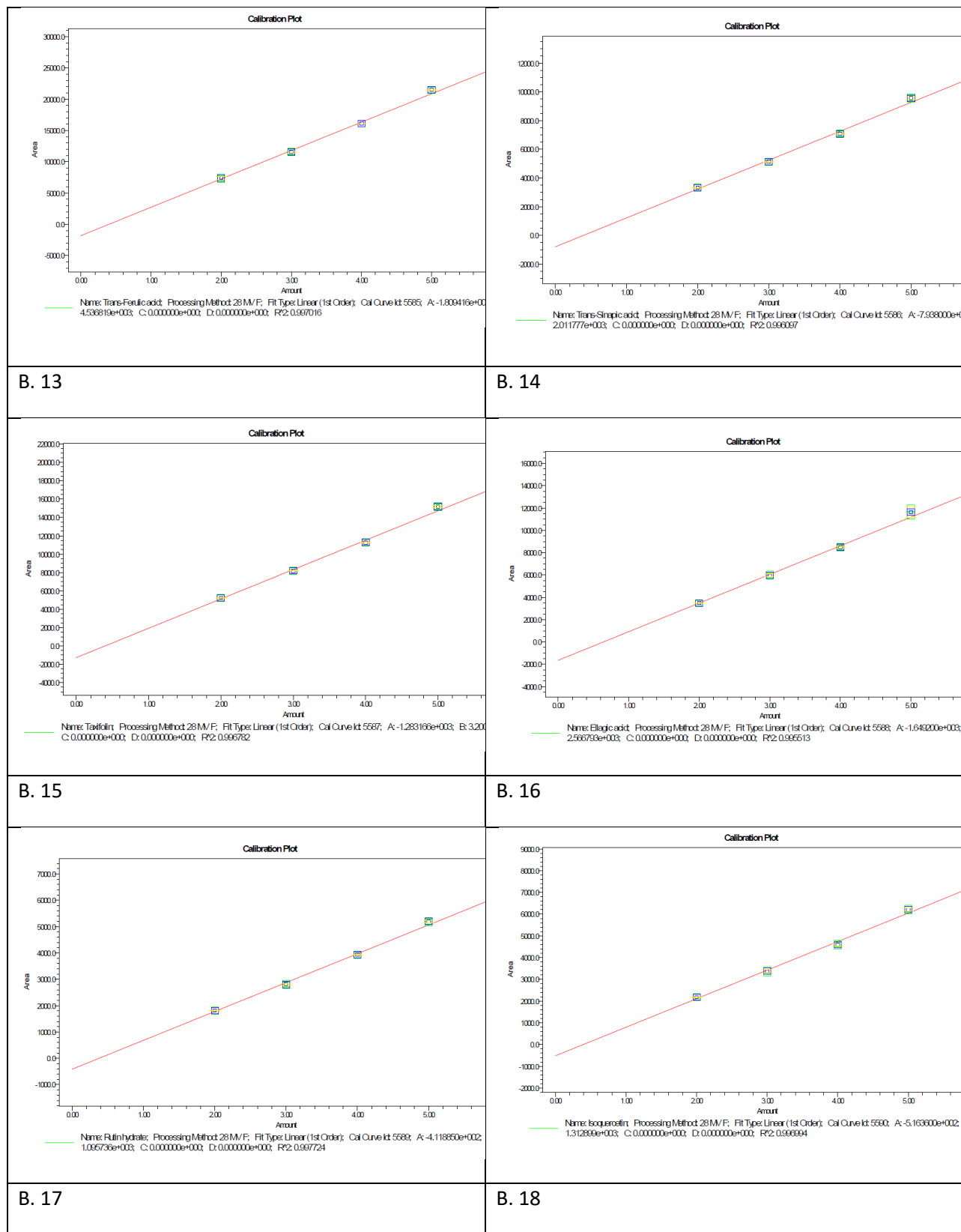
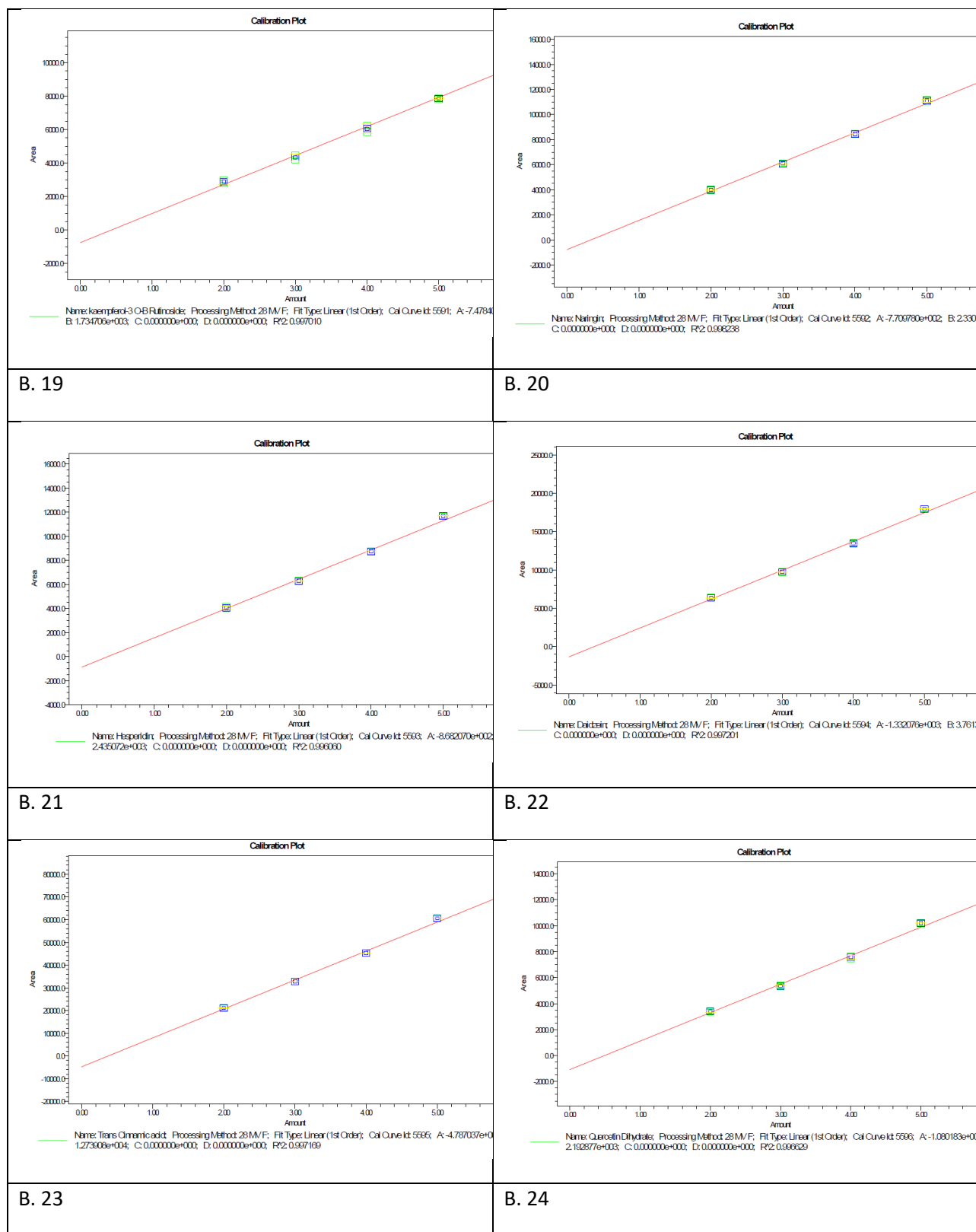


Figure A (1-3). Chromatograms of peak purity: 1-Standards peak purity, 2-Sample C spiked peak purity, 3-Sample D spiked peak purity









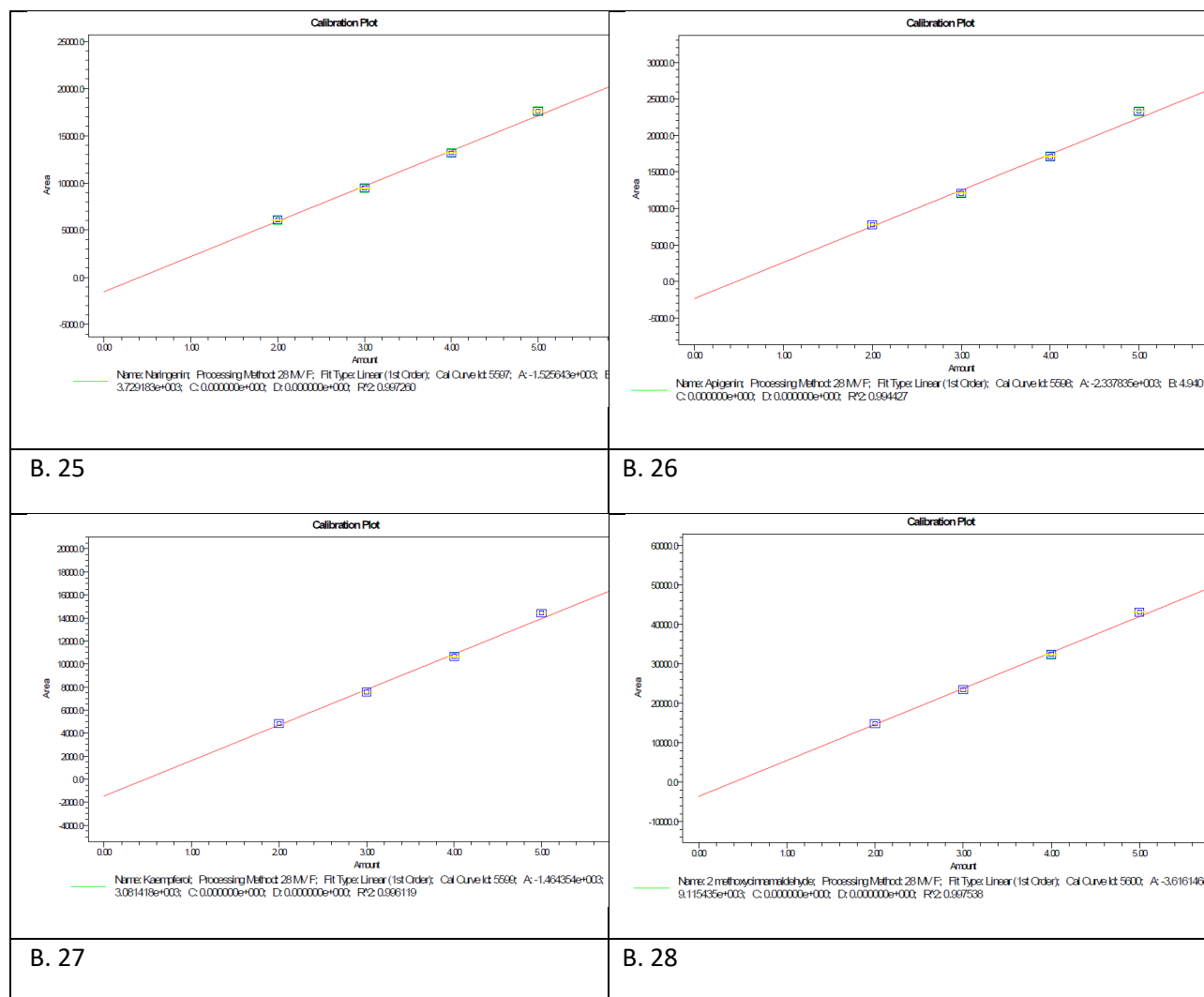


Figure B (1-28). Linear curves obtained through Empower 3 software at 278nm: 1- Gallic acid, 2- 3,5 Dihydroxy benzoic acid, 3-3,4 Dihydroxy benzoic acid, 4-Catechol, 5-Chlorogenic acid, 6-Catechin, 7- Caffeine, 8-Syringic acid, 9-Procyanidin B2, 10-Vanillin, 11- Trans-coumaric acid, 12-Salicylic acid, 13- Trans-ferulic acid, 14-Trans-sinapic acid, 15-Taxifolin, 16-Ellagic acid, 17-Rutin hydrate, 18- Isoquercetin, 19-Kaempferol- 3-O- β rutinose, 20-Naringin, 21-Hesperdin, 22-Daidzein, 23-Trans-cinnamic acid, 24-Quercetin dihydrate, 25-Naringenin, 26-Apigenin, 27-Kaempferol, 28-2-Methoxycinnamaldehyde

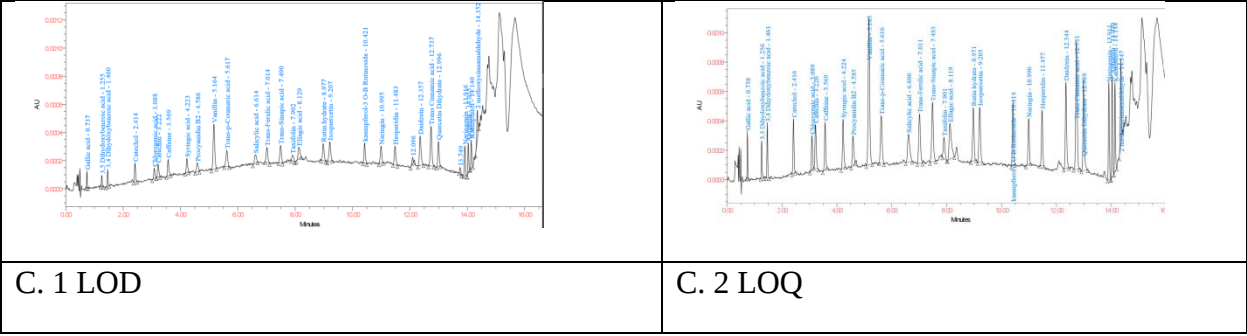


Figure C (1-2). Chromatograms of LOD (C.1) and LOQ (C.2) obtained at 278nm.