Figure S1a: Precursor to product ion spectra of VAL

Figure S1b: Precursor to product ion spectra of IRB (IS)
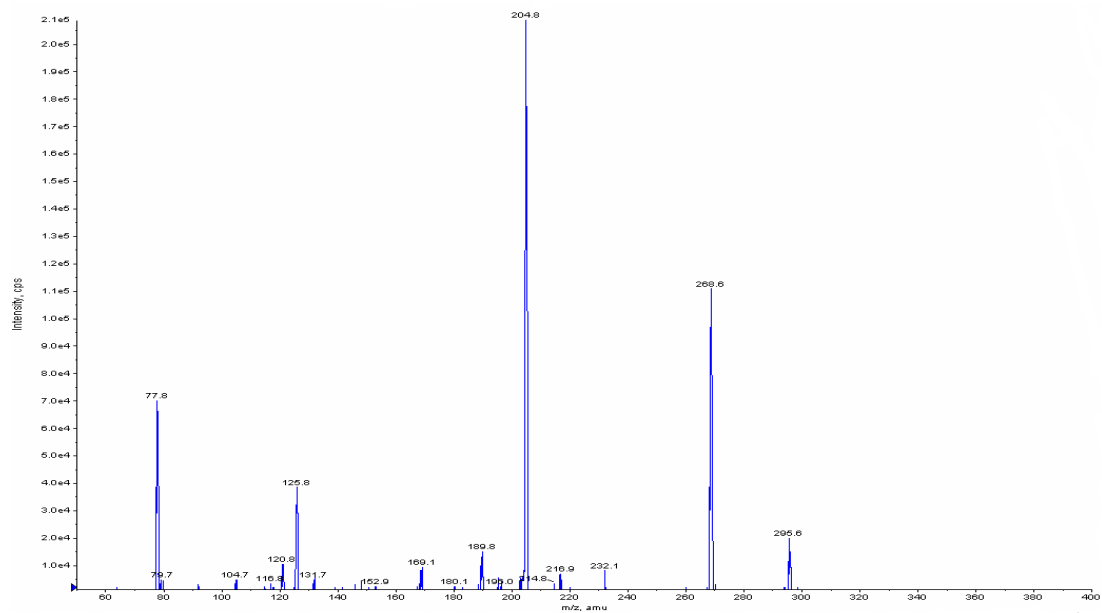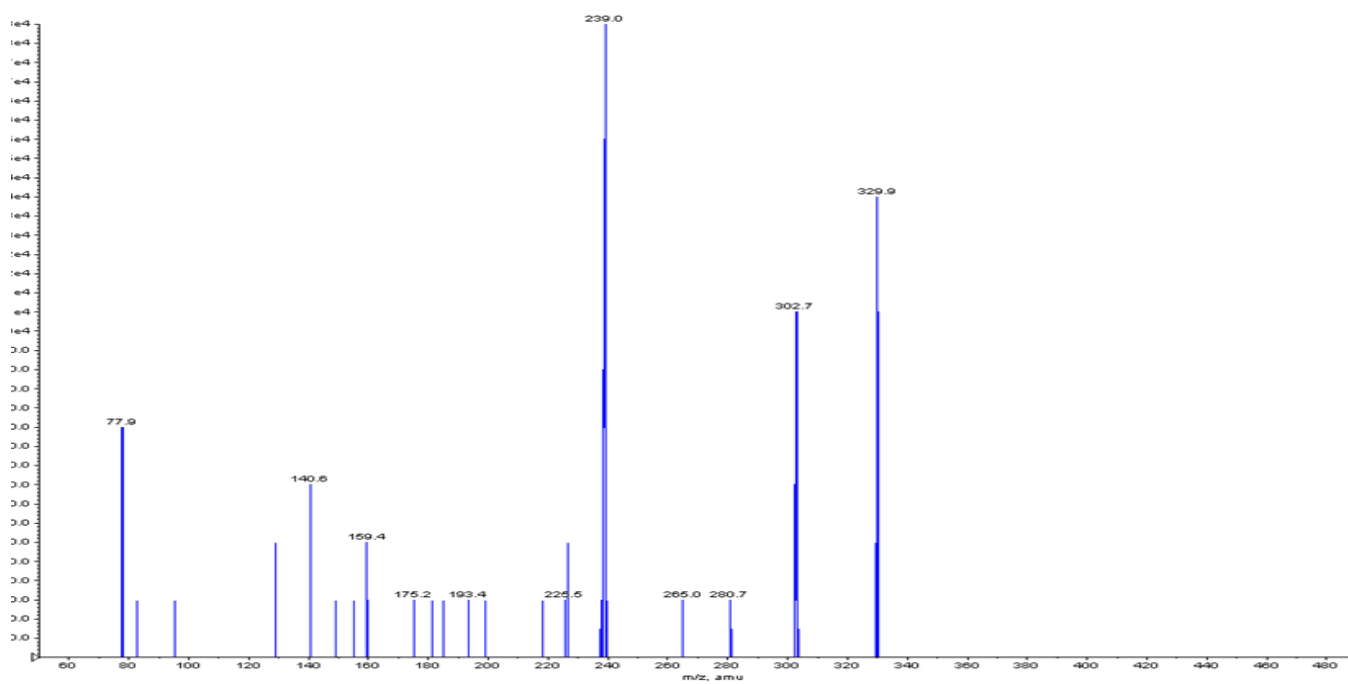
Figure S1c: Precursor to product ion spectra of HCTZ

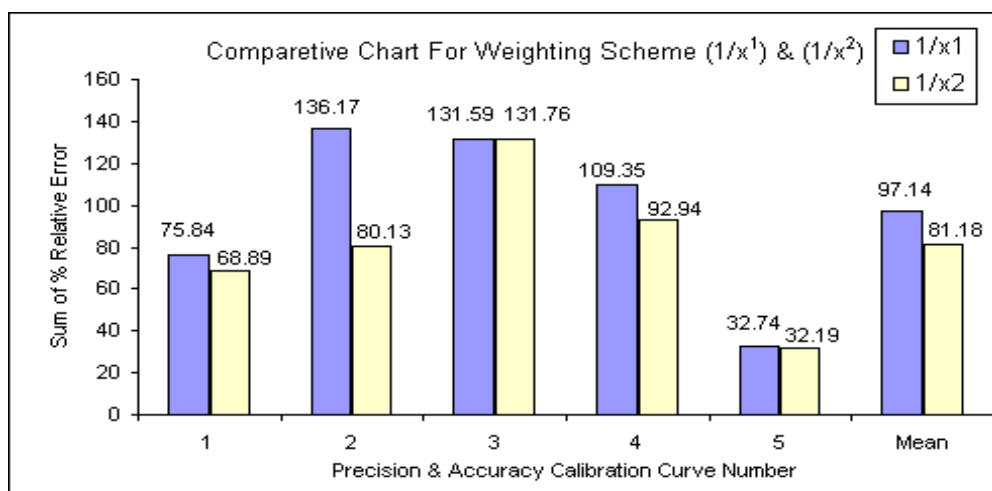Precursor to product ion spectra of HFMZ(IS)
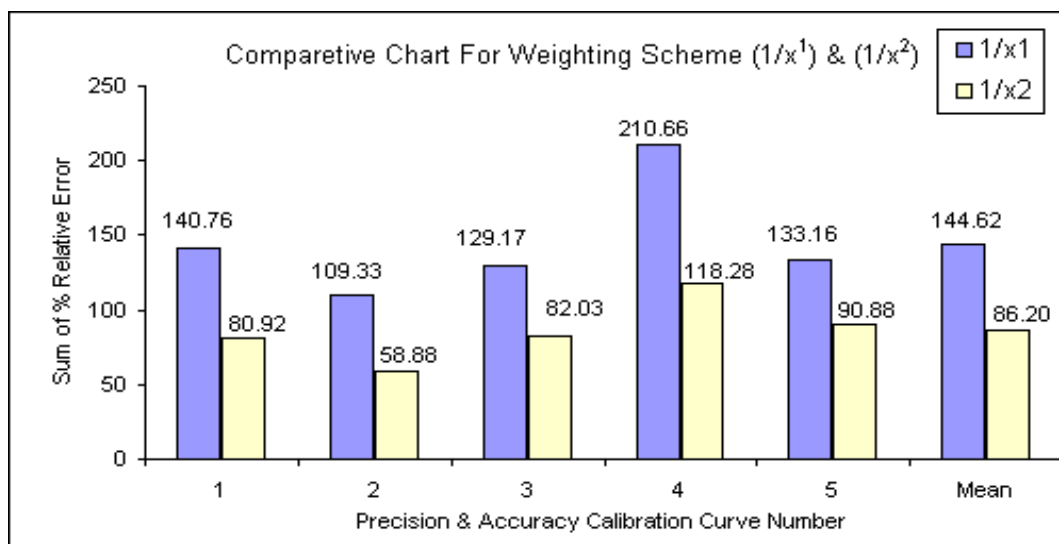
Figure S2a: Good for fit for VAL

Figure S2b: Good for fit for HCTZ

Table S1: Stability Studies

Refrigerated stock solution stability: The result of the studies reported in terms of mean value, % CV, SD, % change, and % stability of drugs and internal standards. The result of the experiment is shown in table-3.

	Refrigerated Stock Solution Stability of Hydrochlorothiazide (12 Days)		
	Response of stability stock (232.470 ng/ml)	Response of comparison stock (217.600 ng/ml)	Corrected response of stability stock (CF-0.94).
Mean (n=6)	975996.5	905292.5	913566.65
SD	55673.53	64038.74	52112.356
%CV	5.70	7.07	5.70
% Change	0.91		
% Stability	100.91		
	Refrigerated Stock Solution Stability of HFMZ (12 Days)		
	Response of stability stock(1989.560 ng/ml)	Response of comparison stock (1989.590 ng/ml)	Corrected response of stability stock (CF-1.0).
Mean(n=6)	231578.5	213543.3	231581.99
SD	13219.02	16076.29	13219.224
%CV	5.71	7.53	5.71
% Change	8.45		
% Stability	108.45		
	Refrigerated Stock Solution Stability of Valsartan (12 Days)		
	Response of stability stock (187.760 ng/ml)	Response of comparison stock (181.500 ng/ml)	Corrected response of stability stock (CF-0.96).
Mean(n=6)	6827226.3	6654127.2	6599603.64
SD	281962.68	258381.43	272561.924
%CV	4.13	3.88	4.13

% Change	0.82		
% Stability	99.18		
	Refrigerated Stock Solution Stability of IRB (12 Days)		
	Response of stability stock (1071.42 ng/ml)	Response of comparison stock (1061.33 ng/ml)	Corrected response of stability stock (CF-0.99).
Mean(n=6)	1370025.3	1237299.8	1357123.24
SD	98231.52	111785.74	97306.435
%CV	7.17	9.03	7.17
% Change	9.68		
% Stability	109.68		