

Figure S1

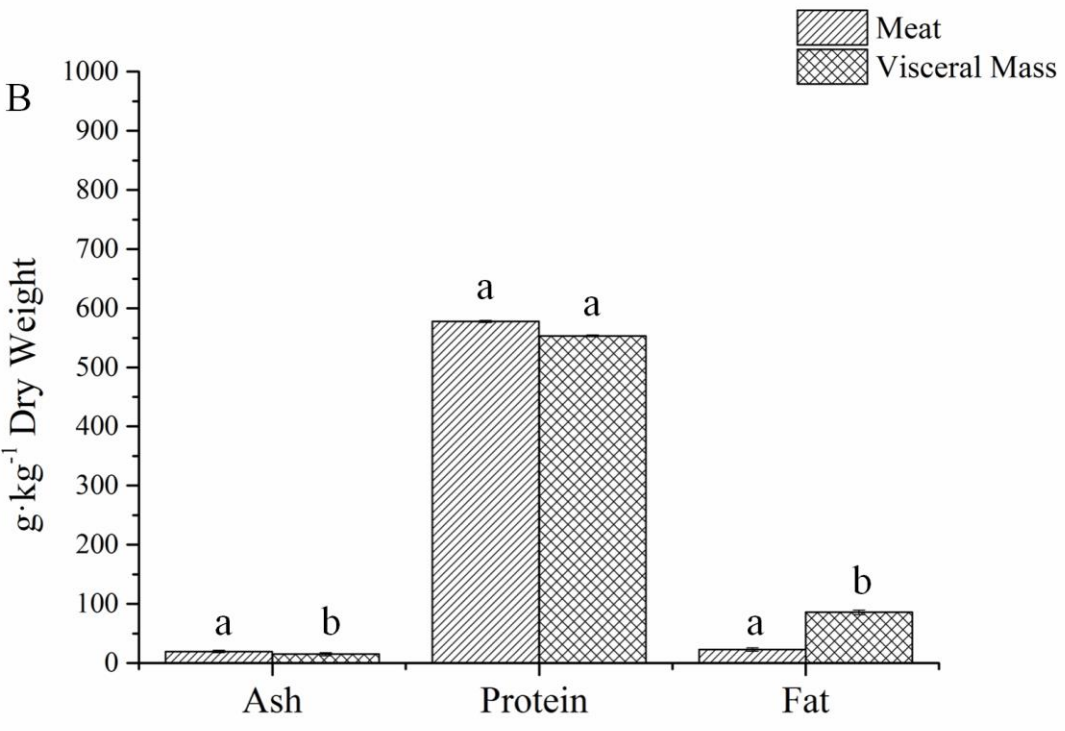
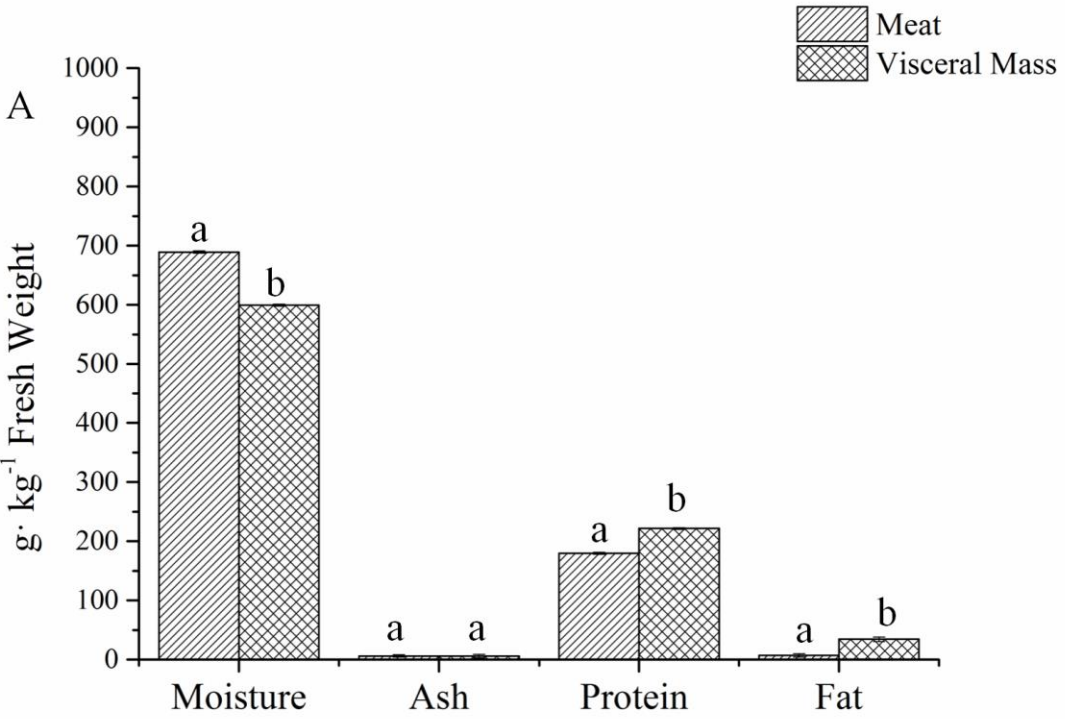


Figure S2

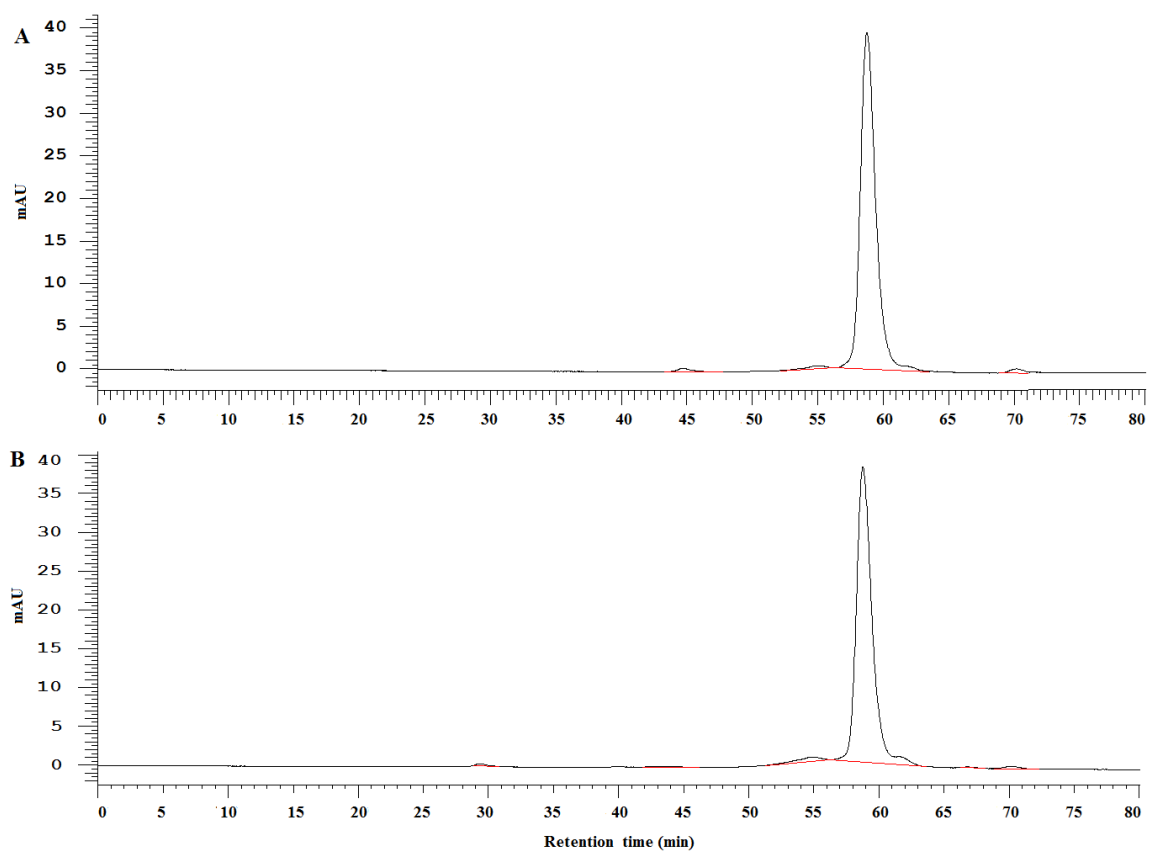
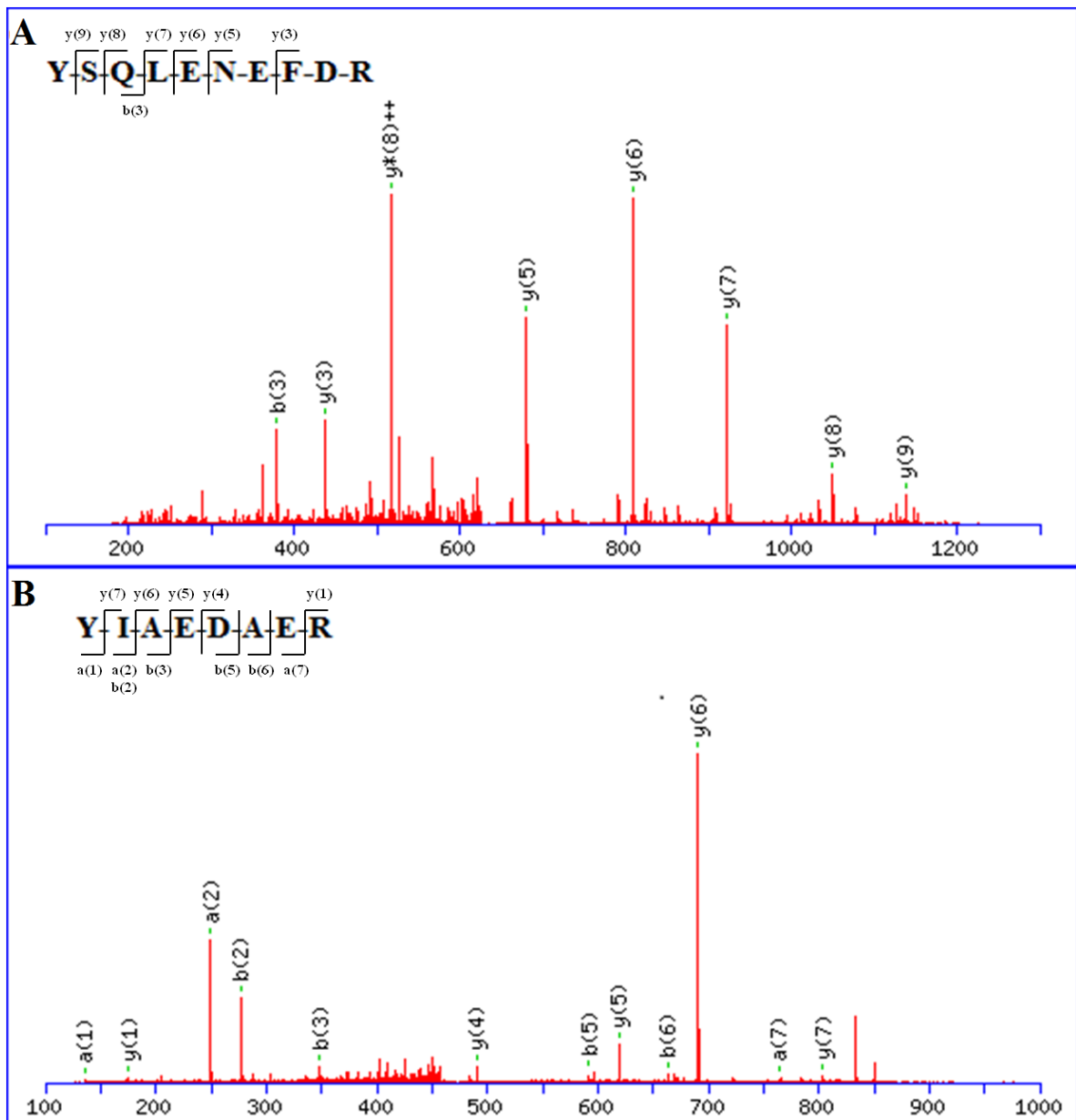


Figure S3



**Table S1 Pearson correlation coefficients (R) for various activity assays**

Origin	Group	Absorbance	DPPH	ACE-inhibition	$\alpha$ -Amylase inhibition
Meat	Absorbance	--	0.625	0.759	0.796
	DPPH	0.625	--	0.859	0.766
	ACE inhibition	0.759	0.859	--	0.836
	$\alpha$ -Amylase inhibition	0.796	0.766	0.836	--
Visceral Mass	Absorbance	--	0.815	0.627	0.877
	DPPH	0.815	--	0.851	0.942
	ACE inhibition	0.627	0.851	--	0.812
	$\alpha$ -Amylase inhibition	0.877	0.942	0.812	--