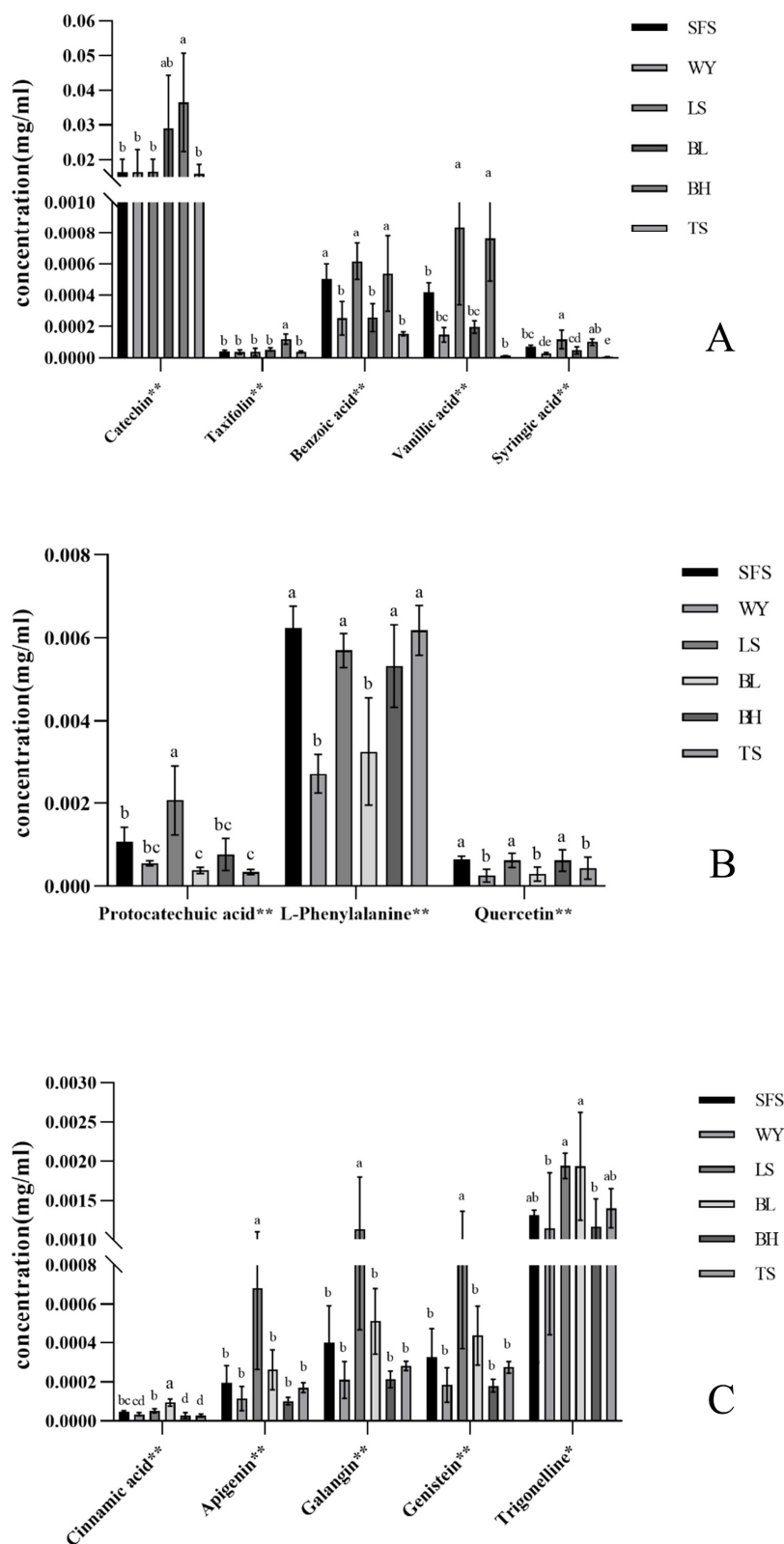


Supplementary Materials



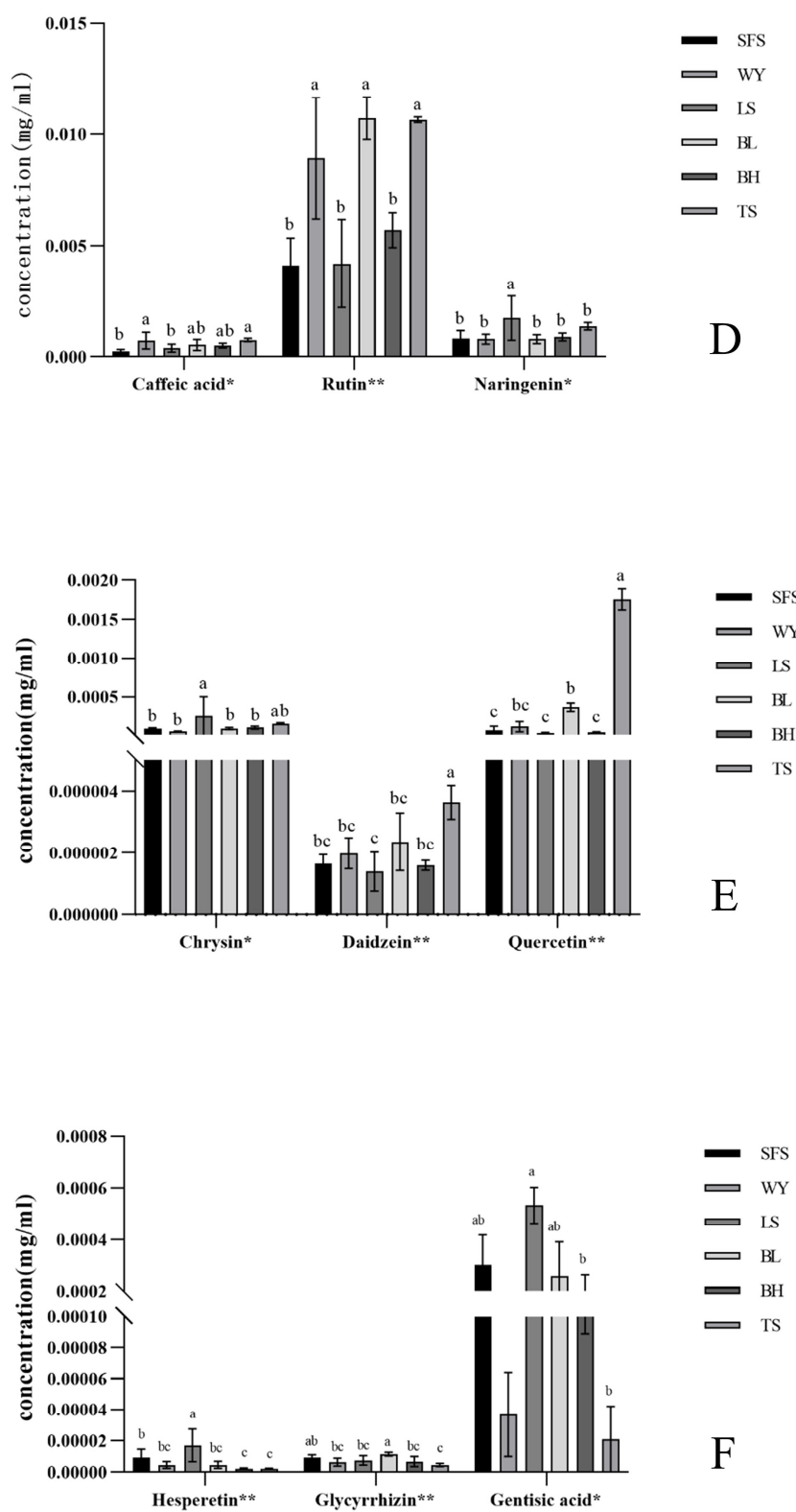


Figure S1. Column chart of the contents of 22 significantly different flavonoids(Figure S1 A, B, C, D, E, F) and different letter means compounds with similar contents.

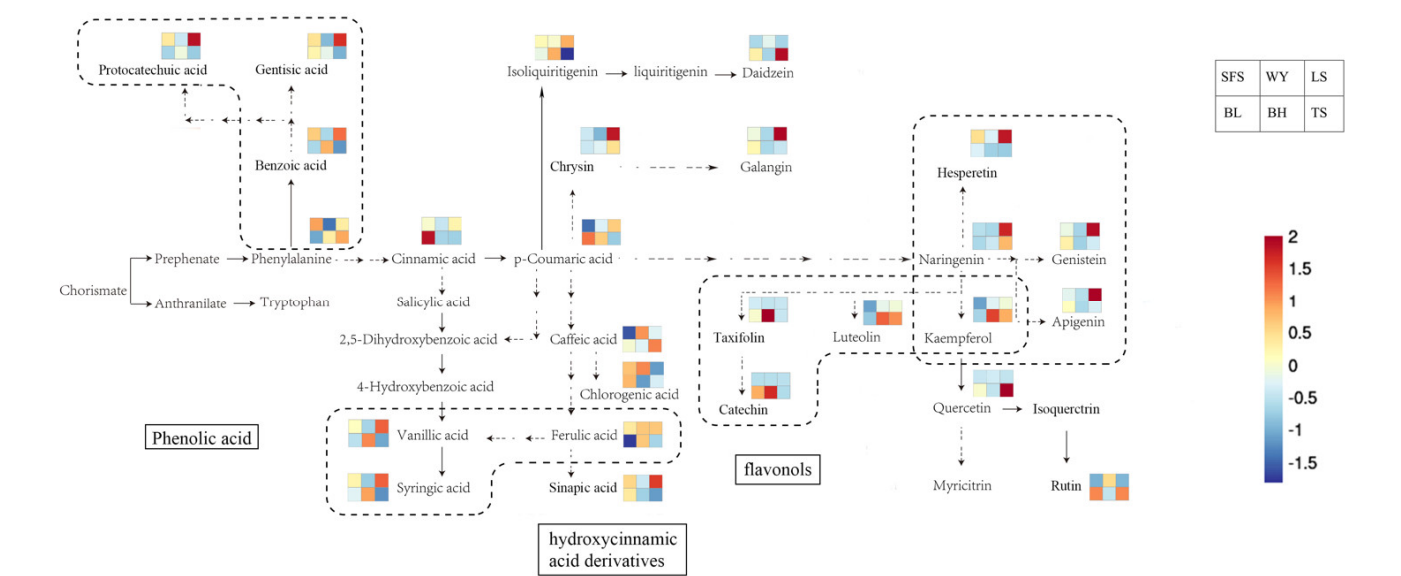


Figure S2. Visualization of primary and secondary metabolite dynamics in biochemical pathway map.

Table S1. Physical indicators at six sampling sites.

Location	Altitude (m)	Average temperature(°C)	Annual sunshine percentage (%)	Total rainfall (mm)
SFS	350	-0.8	60	500
WY	320	0.2	50	626.9
LS	335	-0.3	43	676
BL	320	3.9	54	550
BH	350	5	57	750
TS	300	12.9	90	697