Figure S1. Sample of chromatogram of volatile aroma compounds found in monovarietal oil by headspace solid-phase microextraction combined with gas chromatography/ mass spectrometry (HS-SPME-GC-MS).
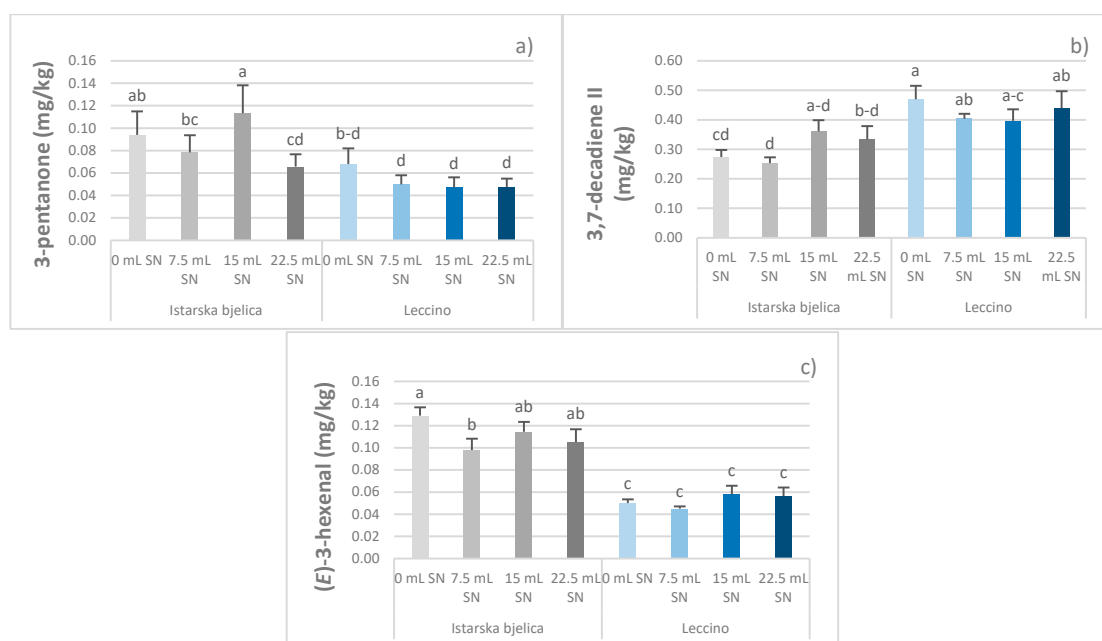

Figure S2. Multiple comparisons of the effects of treatment (T) (0, 7.5, 15, and 22.5 mL of applied SN foliar fertilizer per 1 L of water) and cultivar (Cv.) (Istarska bjelica, Leccino) on the concentration of (**a**) 3-pentanone, (**b**) 3,7-decadiene II, and (**c**) (*E*)-3-hexenal in olive oil. Different superscript lowercase letters represent statistically significant differences between mean values at $p < 0.05$ obtained by a three-way ANOVA and Tukey's test.
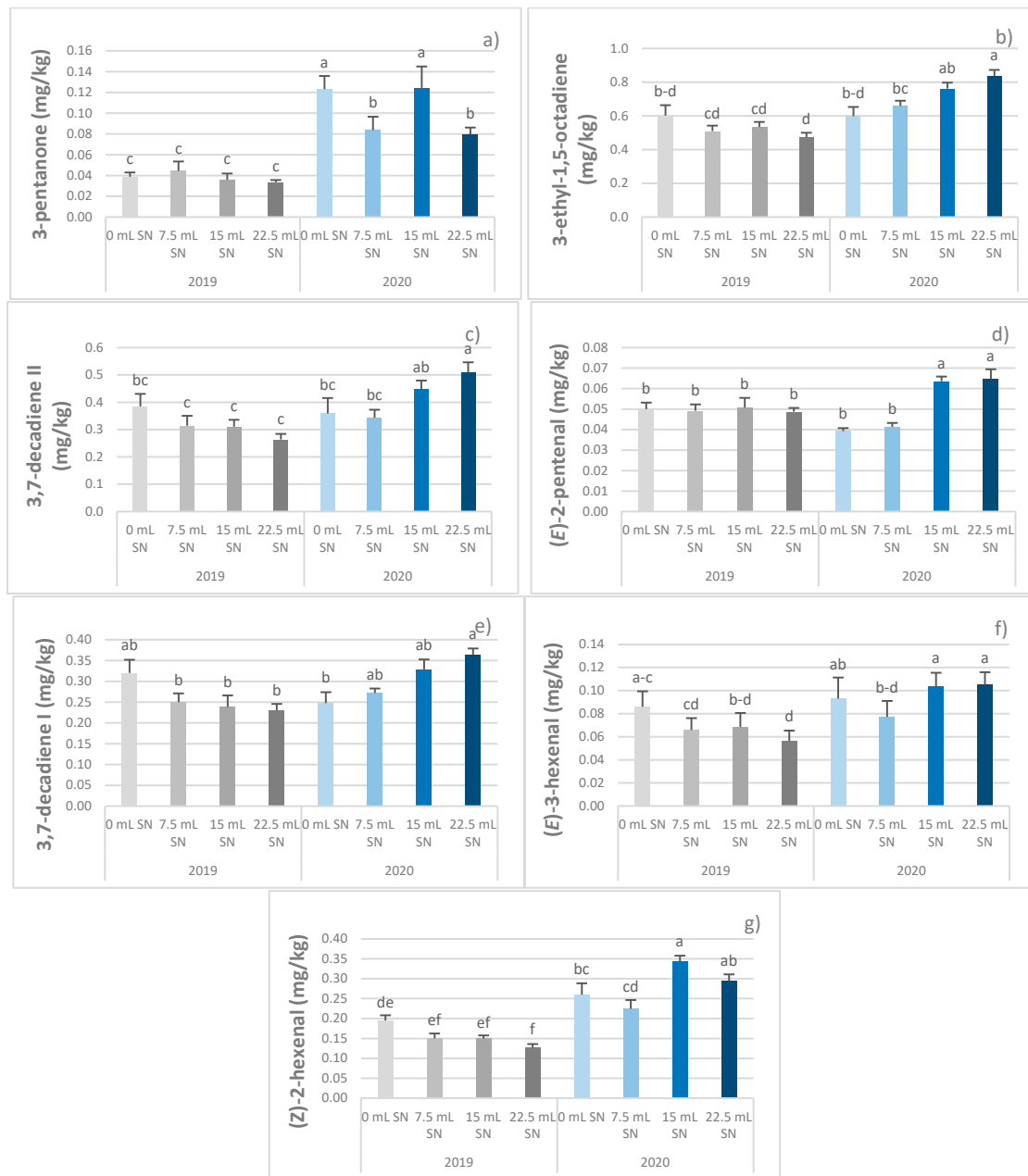
Figure S3. Multiple comparisons of the effects of treatment (T) (0, 7.5, 15, and 22.5 mL of applied SN foliar fertilizer per 1 L of water) and year (Y) (2019, 2020) on the concentration of (**a**) 3-pentanone, (**b**) 3-ethyl-1,5-octadiene, (**c**) 3,7-decadiene II, (**d**) (*E*)-2-pentenal, (**e**) 3,7-decadiene I, (**f**) (*E*)-3-hexenal, and (**g**) (*Z*)-2-hexenal in olive oil. Different superscript lowercase letters represent statistically significant differences between mean values at $p < 0.05$ obtained by a three-way ANOVA and Tukey's test.
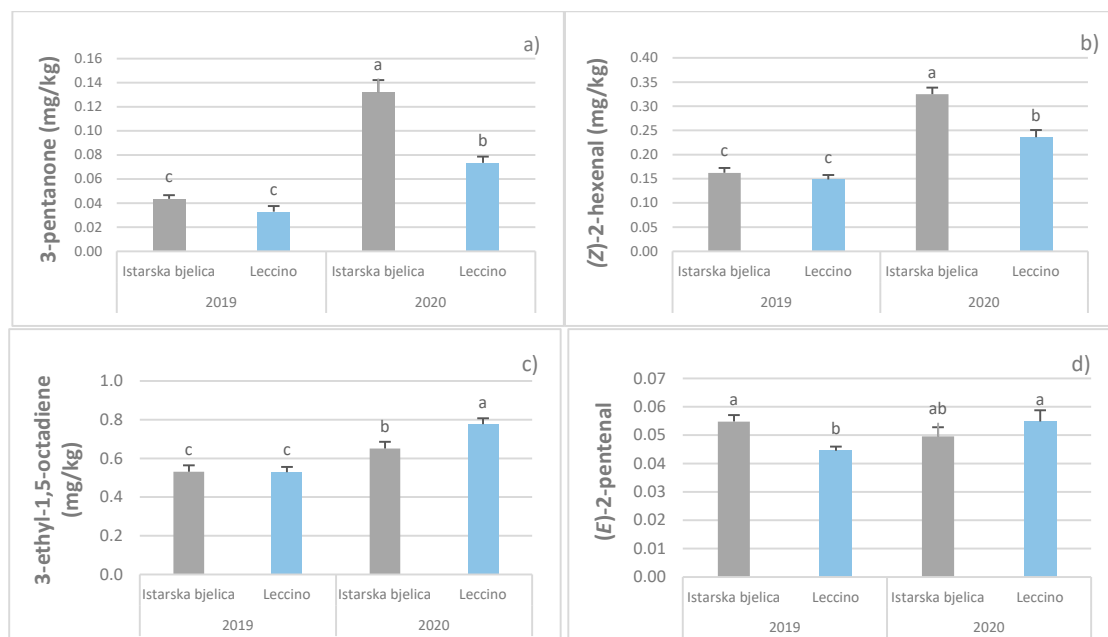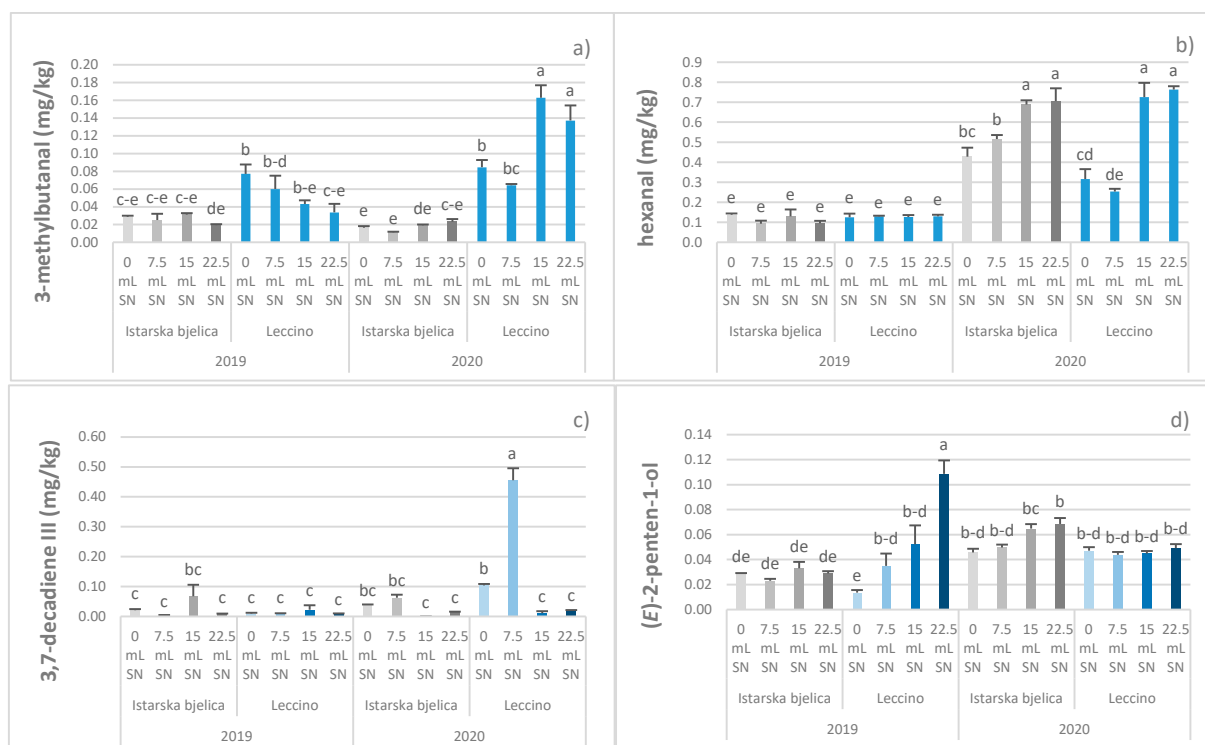
Figure S4. Multiple comparisons of the effects of cultivar (Cv.) (Istarska bjelica, Leccino) and year (Y) (2019, 2020) on the concentration of (**a**) 3-pentanone, (**b**) (*Z*)-2-hexenal, (**c**) 3-ethyl-1,5-octadiene, (**d**) (*E*)-2-pentenal in olive oil. Different superscript lowercase letters represent statistically significant differences between mean values at $p < 0.05$ obtained by a three-way ANOVA and Tukey's test.

Figure S5. Multiple comparisons of the effects of treatment (T) (0, 7.5, 15, and 22.5 mL of applied SN foliar fertilizer per 1 L of water), cultivar (Cv.) (Istarska bjelica, Leccino) and year (Y) (2019, 2020) on the concentration of (**a**) 3-methylbutanal, (**b**) hexanal, (**c**) 3,7-decadiene III, (**d**) (*E*)-2-pentenol (**e**) (*Z*)-2-penten-1-ol + (*Z*)-3-hexen-1-yl acetate (**f**) (*Z*)-3-hexen-1-ol, (**g**) acetic acid in olive oil. Different superscript lowercase letters represent statistically significant differences between mean values at $p < 0.05$ obtained by a three-way ANOVA and Tukey's test.
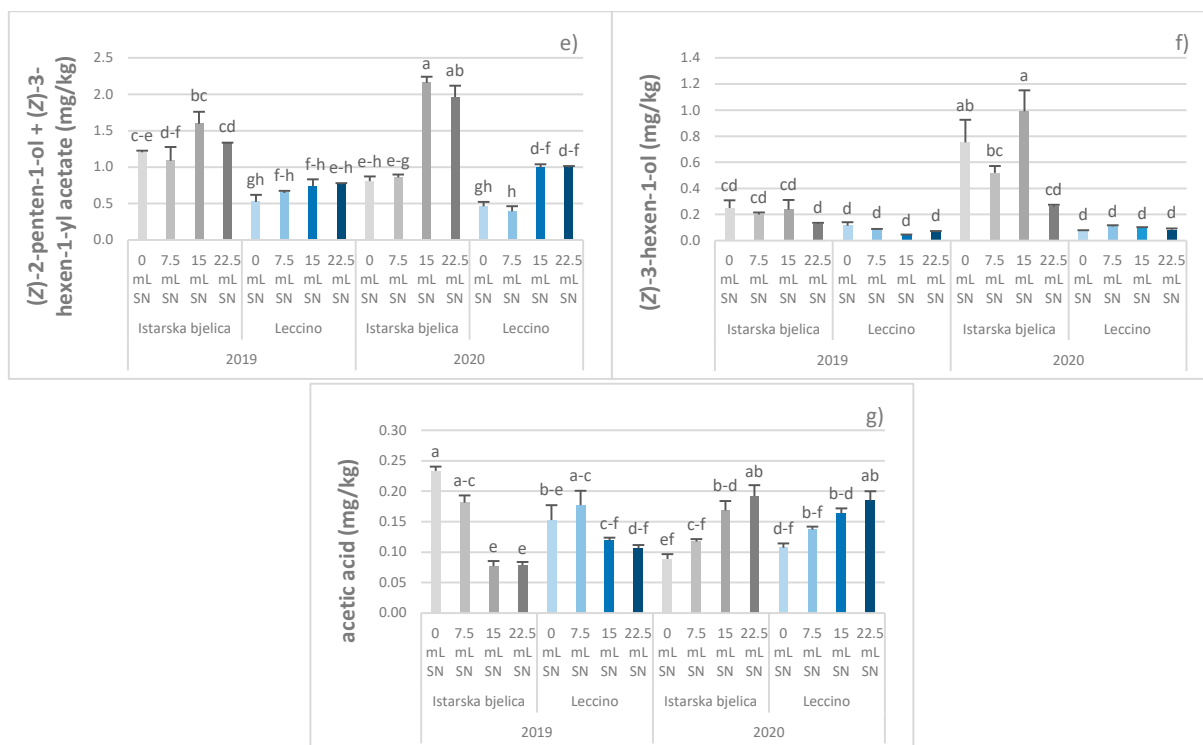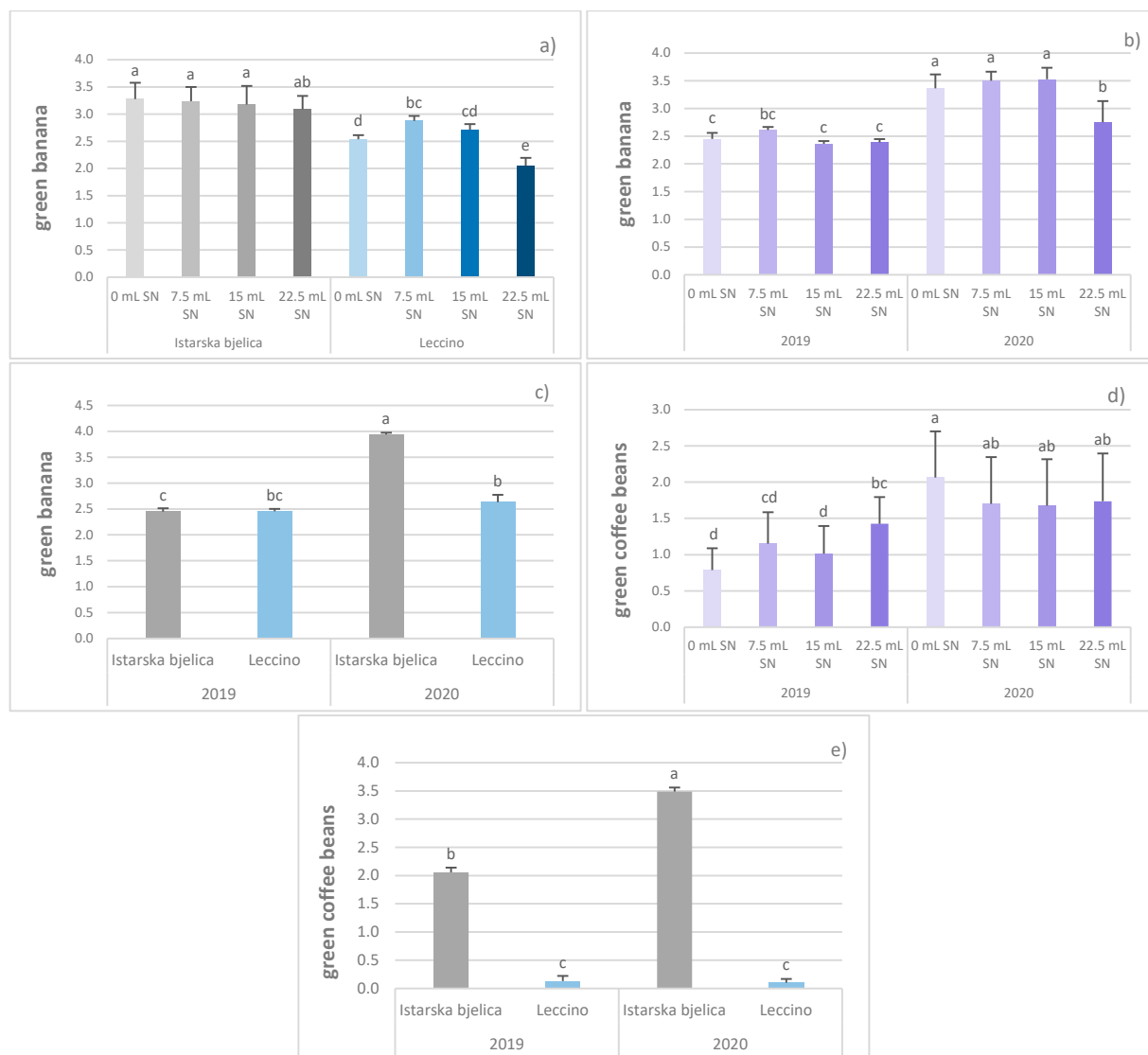
Figure S6. Multiple comparisons of the effects of treatment (T) (0, 7.5, 15, and 22.5 mL of applied SN foliar fertilizer per 1 L of water) and cultivar (Cv.) (Istarska bjelica, Leccino) (**a**) on the intensity of banana flavor; treatment and year (Y) (2019, 2020) (**b**) on the intensity of banana flavor; cultivar and year (**c**) on the intensity of banana flavor; treatment and year (**d**) on the intensity of coffee flavor; cultivar and year (**e**) on the intensity of coffee flavor of olive oil. Different superscript lowercase letters represent statistically significant differences between the mean values at $p < 0.05$ that were obtained by a three-way ANOVA and Tukey's test.

Figure S7. Multiple comparisons of the effects of treatment (T) (0, 7.5, 15, and 22.5 mL of applied SN foliar fertilizer per 1 L of water), cultivar (Cv.) (Istarska bjelica, Leccino) and year (Y) (2019, 2020) on the intensity of (**a**) grass, (**b**) herbs, and (**c**) chicory flavors and on the intensity of (**d**) pungency, (**e**) astringency, (**f**) complexity, (**g**) persistency, and (**h**) harmony attributes of olive oil. Different superscript lowercase letters represent statistically significant differences between mean values at $p < 0.05$ obtained by a three-way ANOVA and Tukey's test.