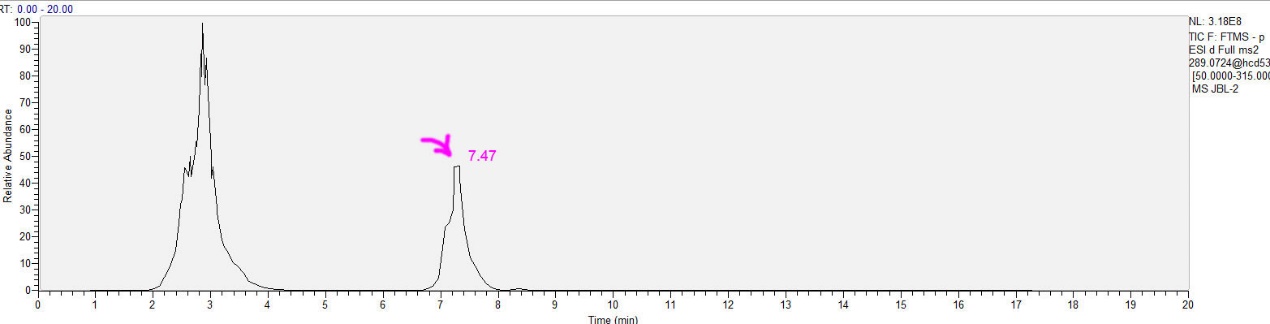
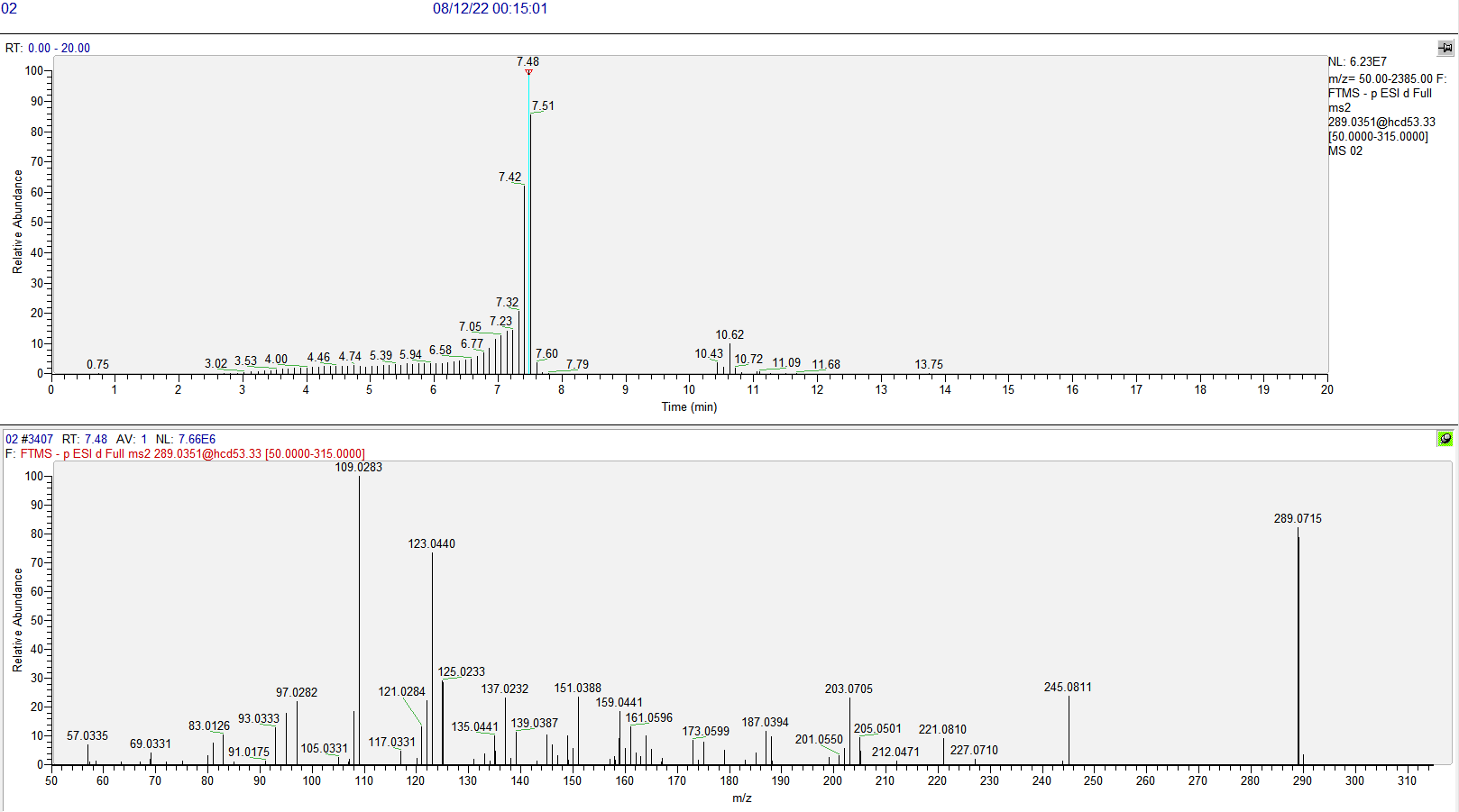
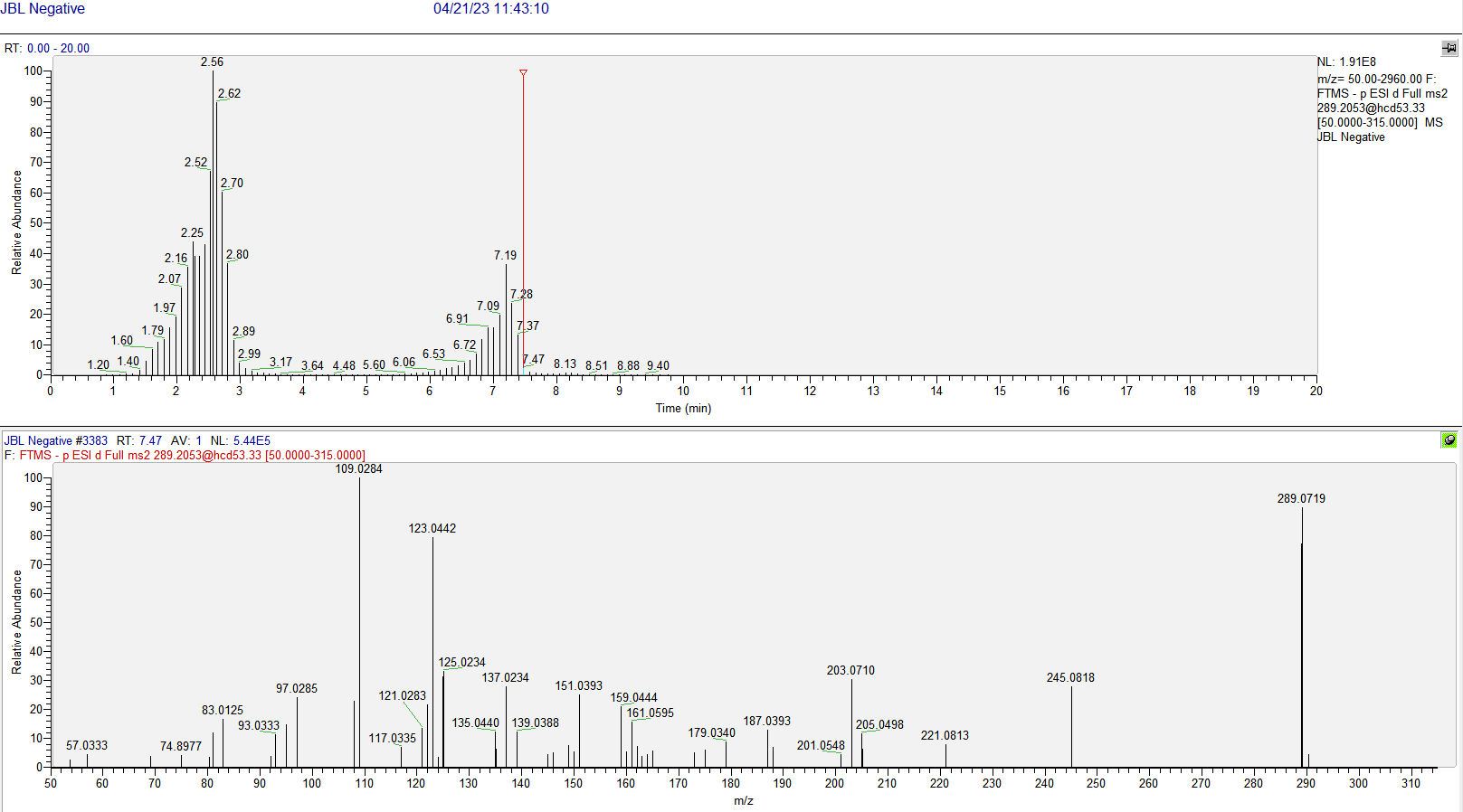
*Suppl. 2.16* Identification of epicatechin (CAS 490-46-0,C15H14O6, M.W. 290.27).



**A**



**B**



**C**

**A**

**A**

**A**

Fig. S1.2.16 The main results of epicatechin (CAS 490-46-0,C15H14O6) and its corresponding peak in the TIC diagram using UPLC-Q-Orbitrap-MS analysis. (**A**) The chromatographic peak in the JBL extract. (**B**)The MS/MS fragments of standard epicatechin. (**C**) The MS/MS spectra from chromatographic peak in the JBL extract. **Note**：The m/z values in purple are the calculated ones. The m/z calculation was based on the relative atomic masses of C (12.0000), H (1.007825), O (15.994915), and N (14.003074)[1]

**Identification**: As seen in Fig. S1.2.16, the extract ion peak, MS/MS spectra, and characteristic pears were highly similar. Thus, the chromatographic peaks in the JBL extracts were identified as epicatechin (CAS 490-46-0).

**References**:

[1] JÜRGEN H GROSS, *Mass spectrometry*. 2013, Beijing: Science press.