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LC-MS ANALYSIS AND ANTIOXIDANT ACTIVITY OF THE HYDRO-ALCOHOLIC EXTRACT OF *MELISSA OFFICINALIS L.* FROM ALGERIA

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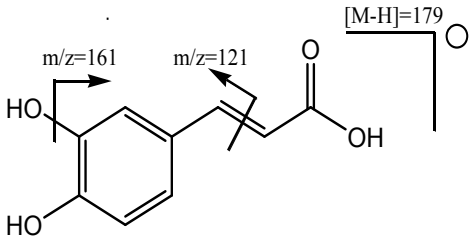
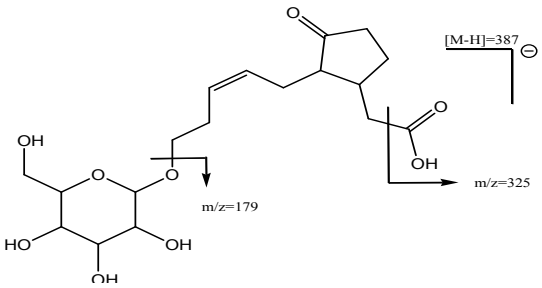
Table S1.

Simplified fragmentations scheme of the identified phenols in M. officinalis extract.

	Compounds	*Molecular ion [M-H]⁻ (m/z)*	*Ionization mode*	*fragmentation scheme*
1	**Caffeic acid**	**179**	**N**	
2	**Caftaric acid**	**311**	**N**	
3	**Hydroxyjasmonic acid glucoside**	**387**	**N**	

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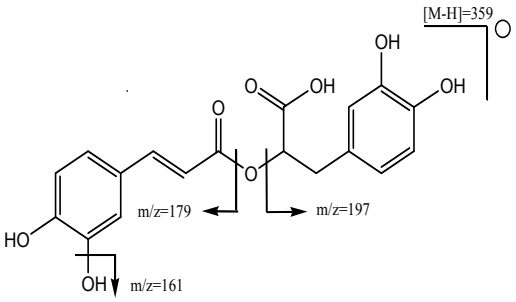
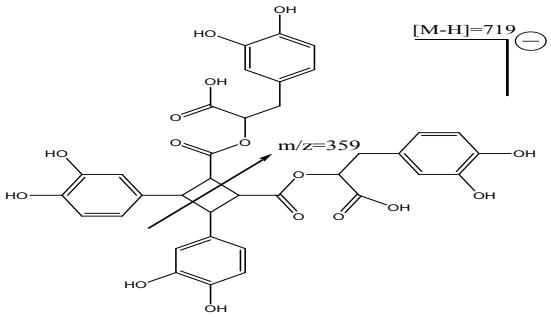
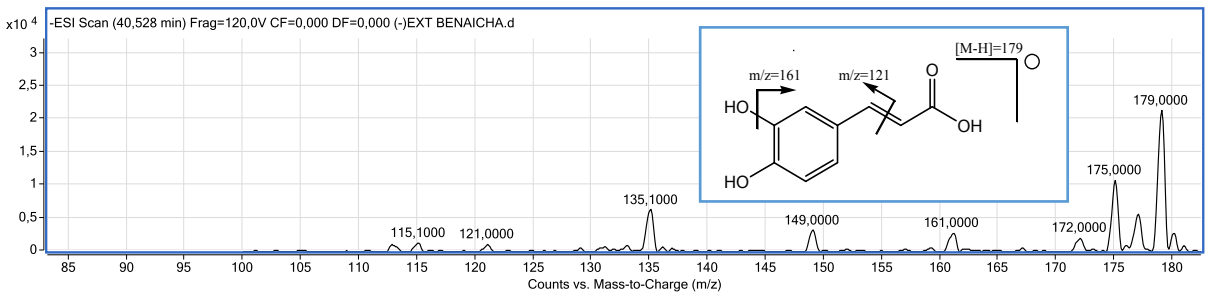
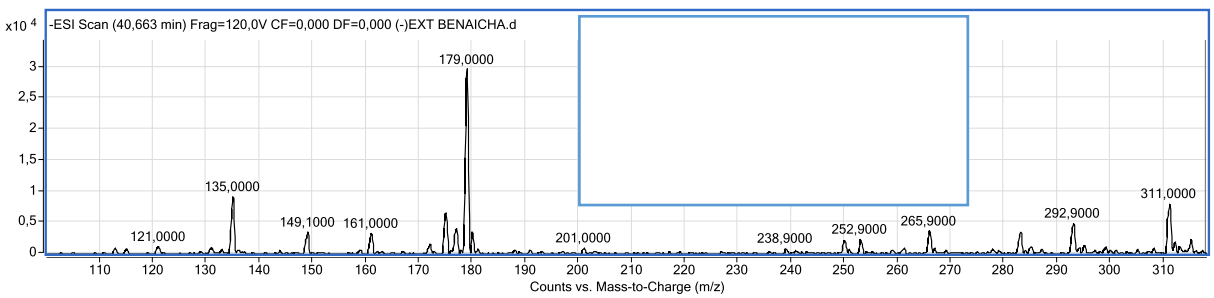
Continuation of Table 2.

	Compounds	*Molecular ion [M-H]⁻ (m/z)*	*Ionization mode*	*fragmentation scheme*
4	**Caftaric acid glucoside**	**473**	**N**	
5	**Rosmarinic acid**	**359**	**N**	
6	**Sagerinic acid**	**719**	**N**	



(a)



(b)

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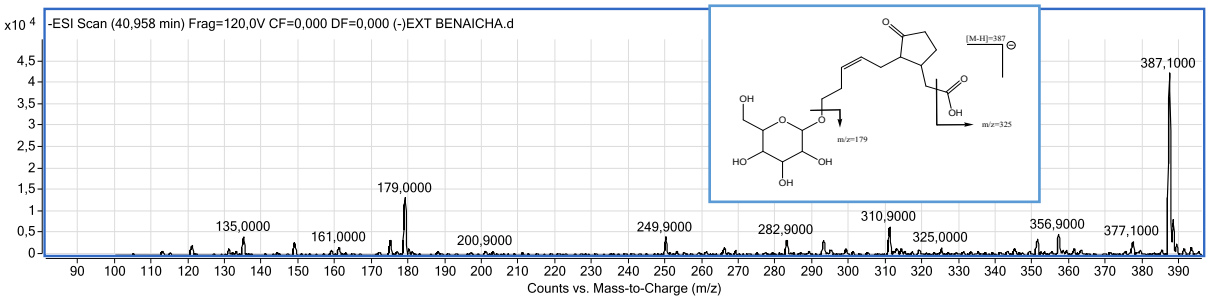

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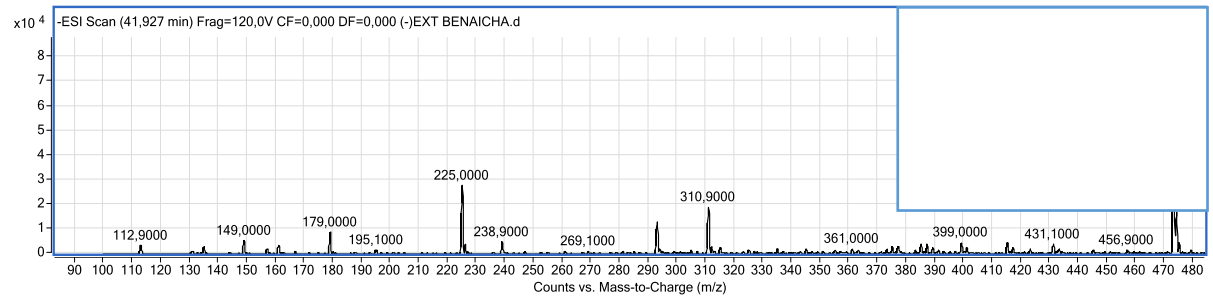

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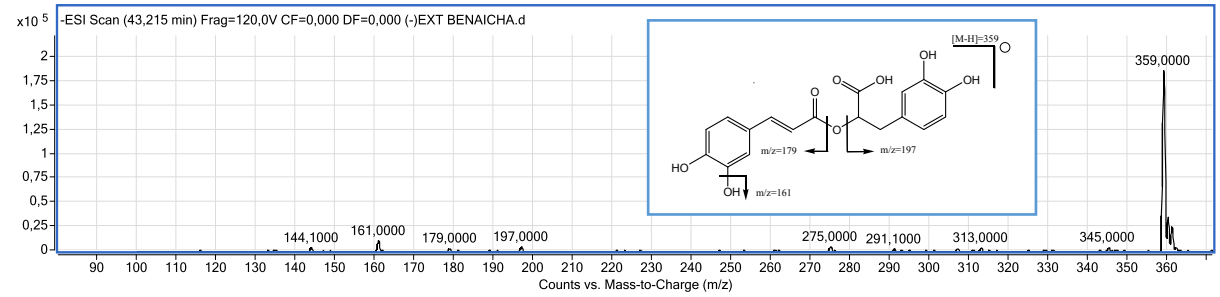
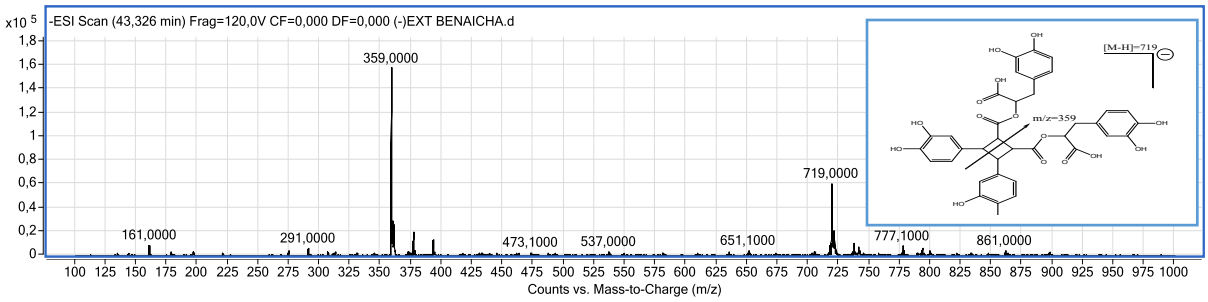


(e)



(f)

Figure S1. Mass spectra in negative ionization mode and simplified fragmentations scheme of the identified phenols in *M. officinalis* extract: (*a*) caffeic acid, (*b*) caftaric acid, (*c*) hydroxyjasmonic acid glucoside, (*d*) caftaric acid glucoside, (*e*) rosmarinic acid and (*f*) sagerinic acid.