

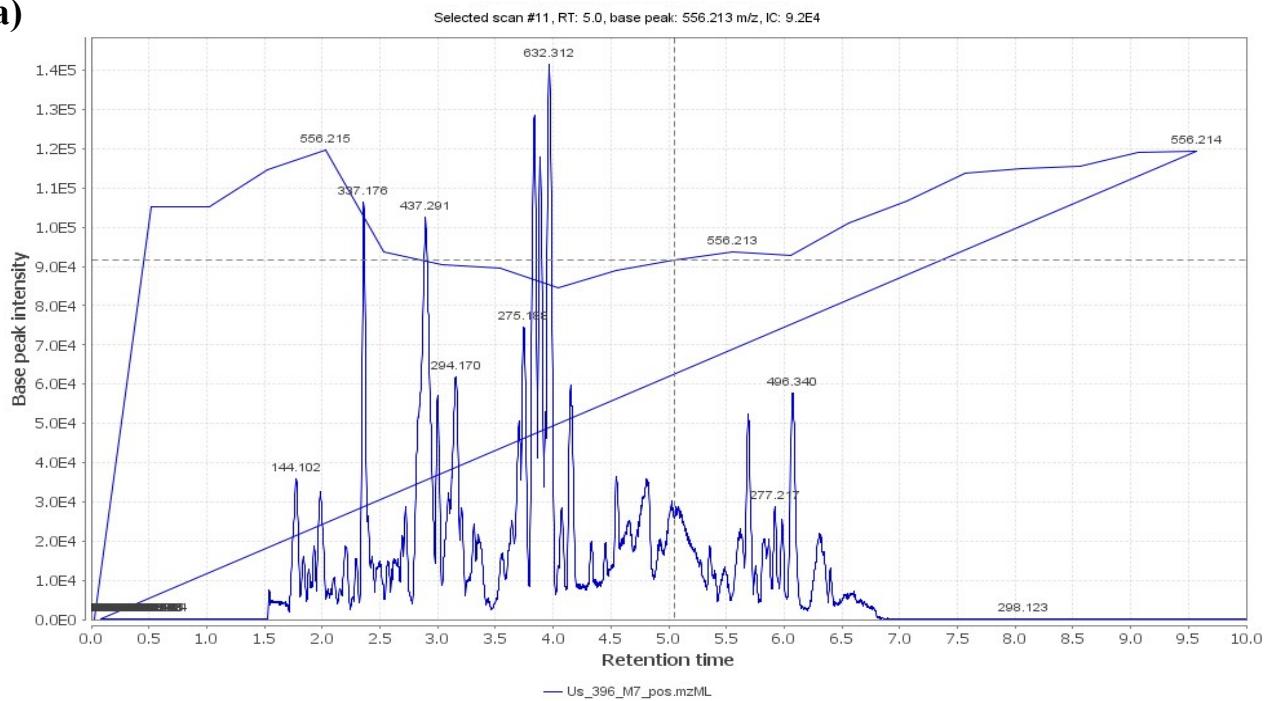
Supplementary material

Table S1: List of *Tecoma* species and cultivars under study along with their collection areas and voucher specimen codes.

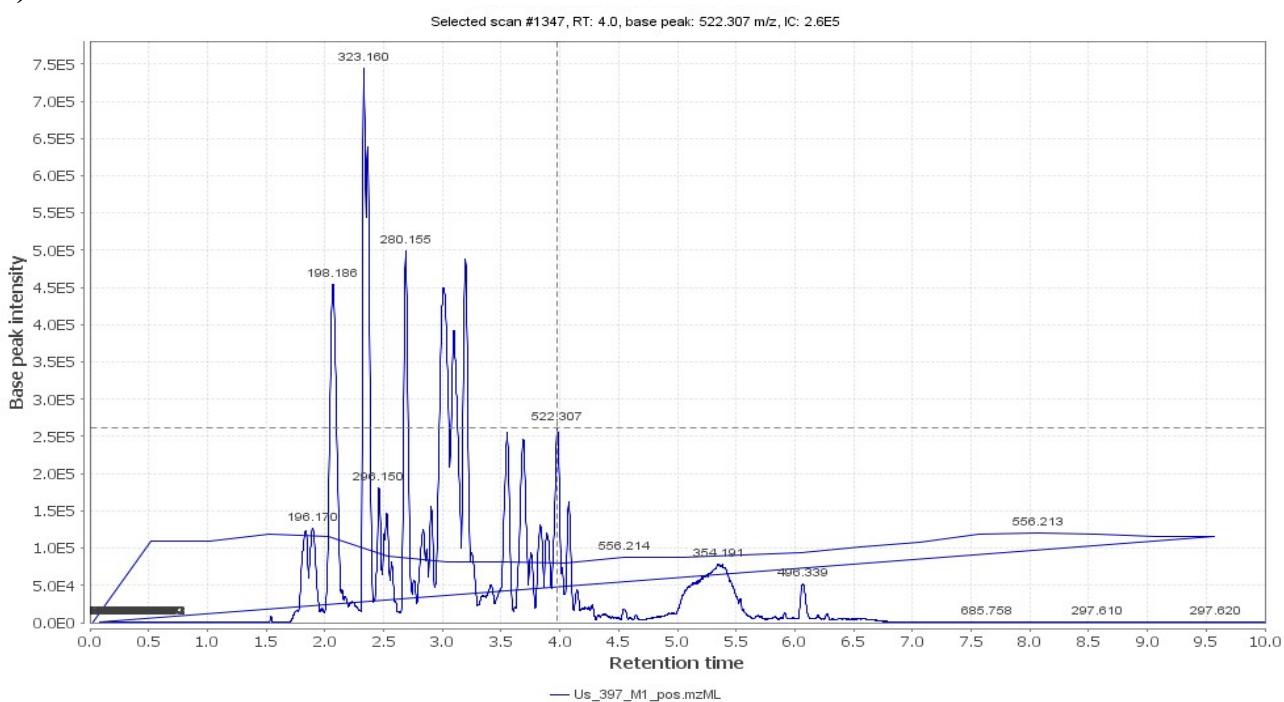
Plant name	Collection area	Voucher specimen codes
<i>Tecoma capensis</i> Lindl.	St. Mina monastery garden, King Mariot, Borg El Arab, Alexandria, Egypt	No. 11-1-2017I
<i>T. capensis</i> var. yellow	Mazhar Botanical garden, 26 th July corridor, Imbaba, Giza, Egypt	No. 11-1-2017II
<i>T. capensis</i> var. harmony	Mazhar Botanical garden, 26 th July corridor, Imbaba, Giza, Egypt	No. 11-1-2017III
<i>T. grandiflora</i> Loisel.	Mazhar Botanical garden, 26 th July corridor, Imbaba, Giza, Egypt	No. 11-1-2017IV
<i>T. radicans</i> (L.) Juss.	Antonyades Botanical Garden, Alexandria, Egypt	No. 11-1-2017V
<i>T. capensis</i> var. pink	Mazhar Botanical garden, 26 th July corridor, Imbaba, Giza, Egypt	No. 11-1-2017VI
<i>T. capensis</i> var. red	Mazhar Botanical garden, 26 th July corridor, Imbaba, Giza, Egypt	No. 11-1-2017VII
<i>Tecoma ×smithii</i> W. Watson	El-Orman Botanical garden, Giza, Egypt.	No. 11-1-2017VIII

Figure S1: Total ion chromatograms of leaf methanolic extracts of (a) *T. grandiflora*, (b) *T. smithii*, (c) *T. capensis* var. pink, (d) *T. radicans*, (e) *T. capensis* (Thunb.) lindl, (f) *T. capensis* var. harmony, (g) *T. capensis* var. red, (h) *T. capensis* var. yellow.

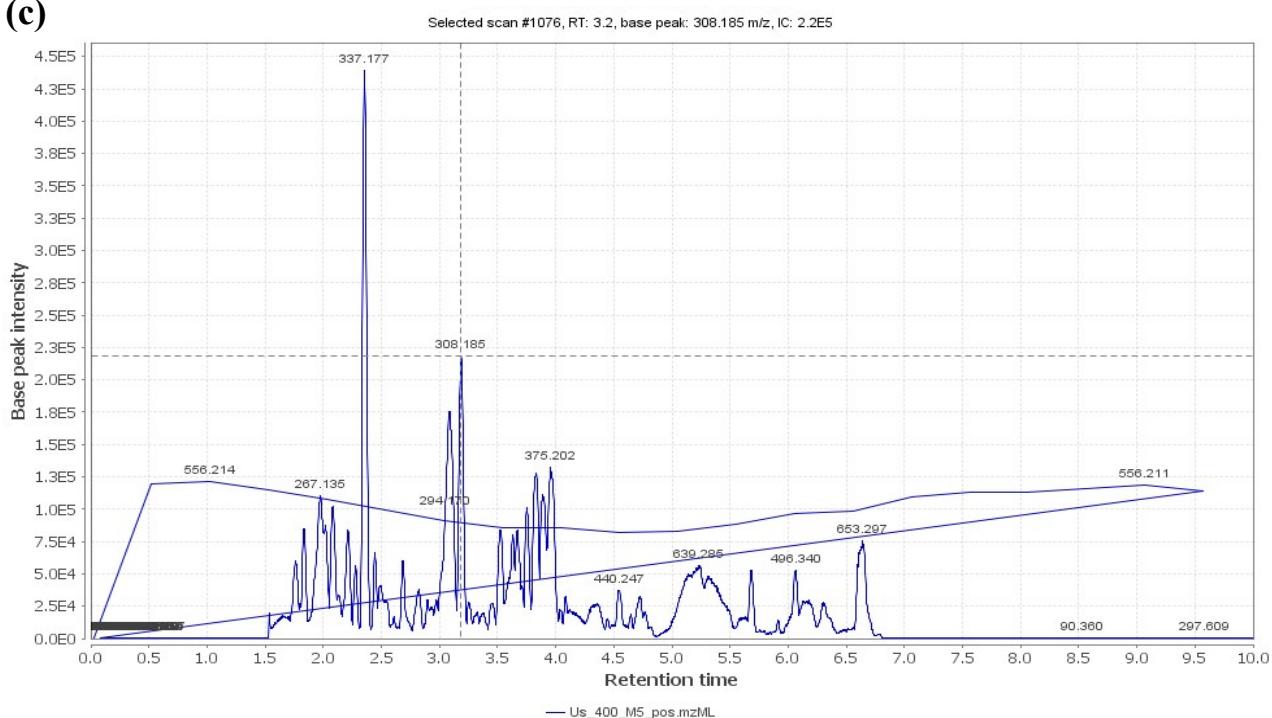
(a)



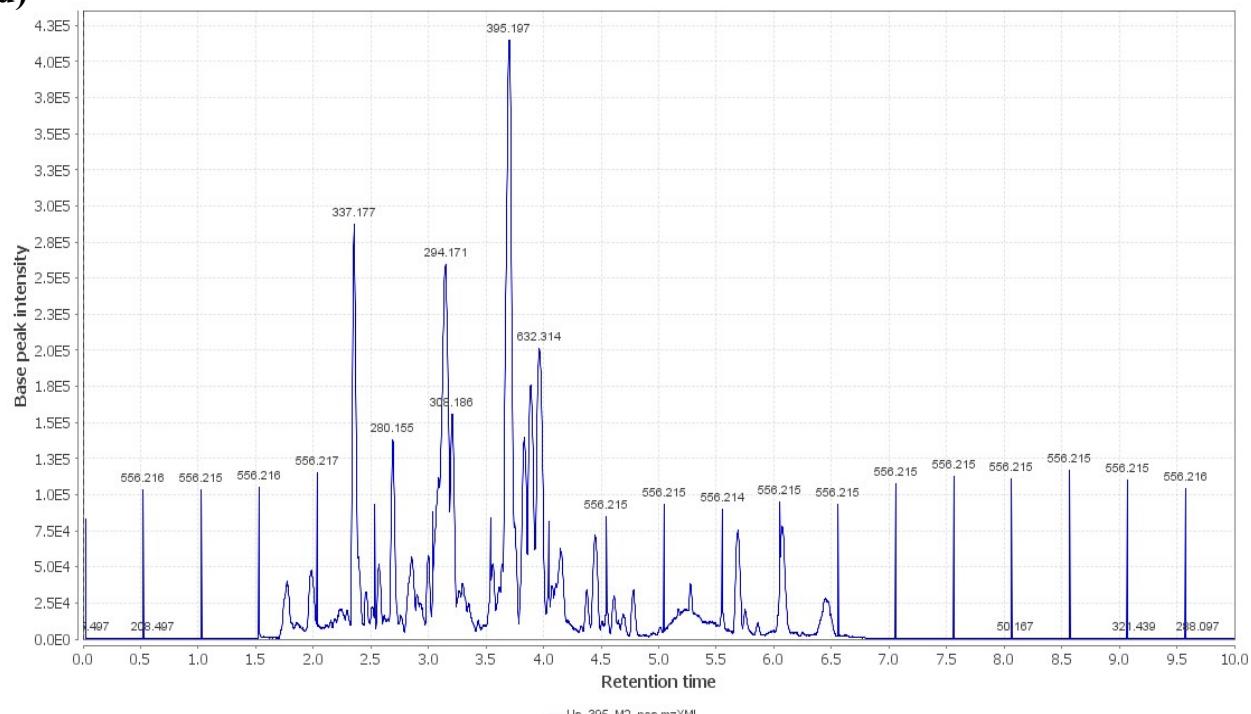
(b)



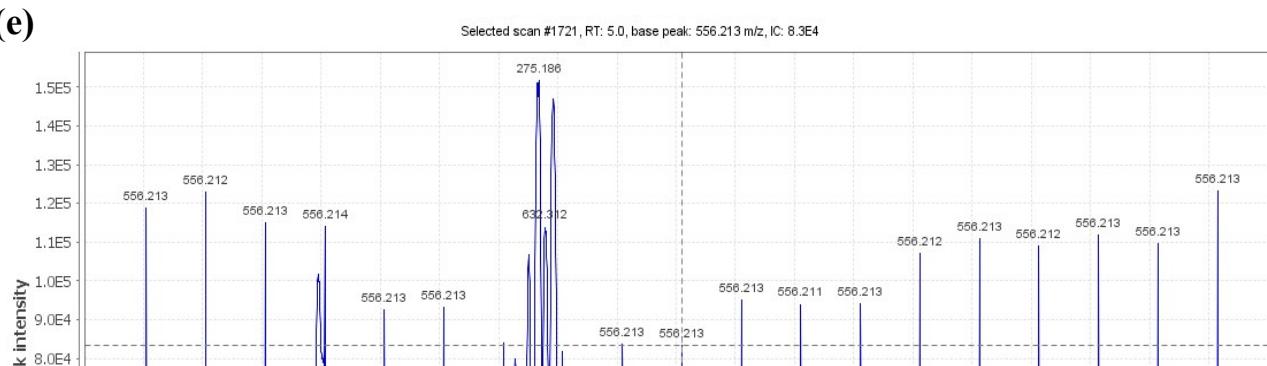
(c)



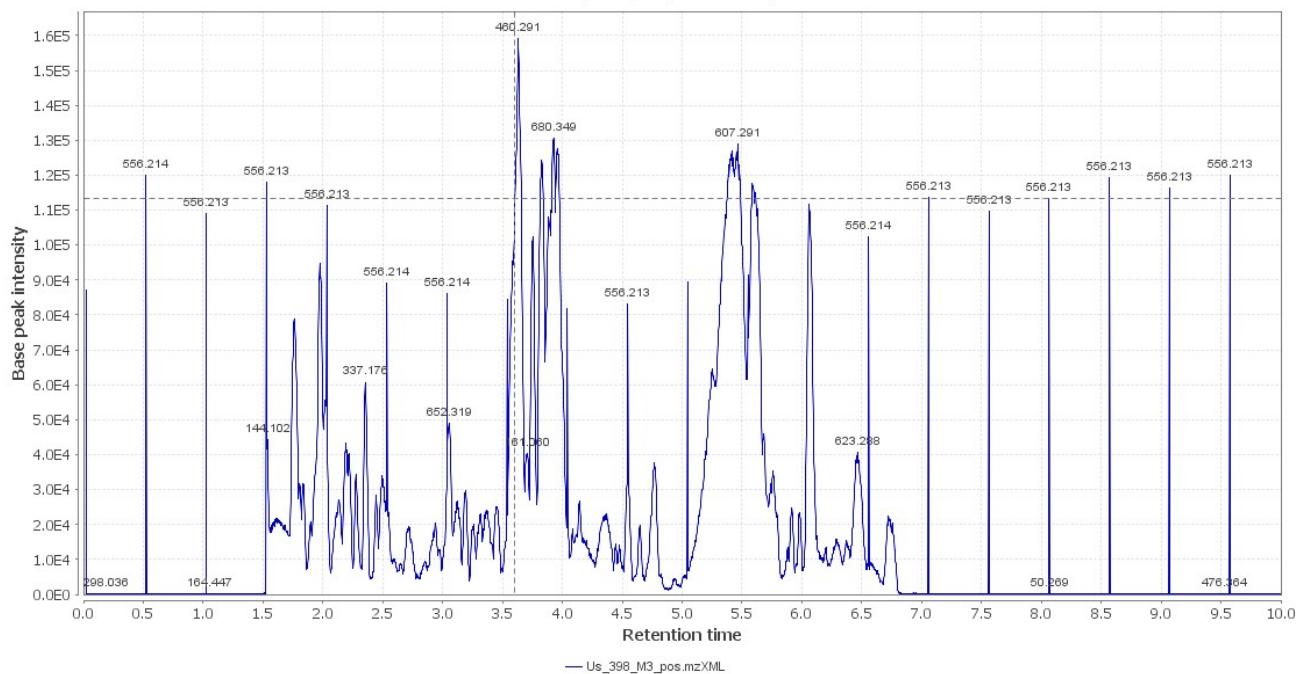
(d)



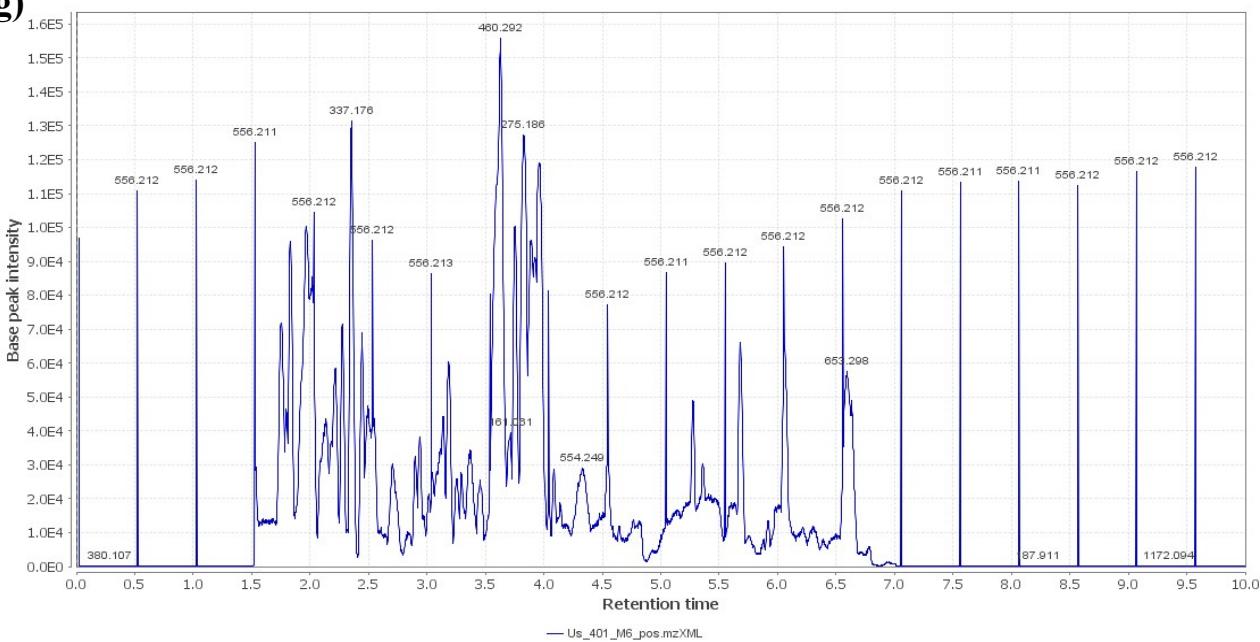
(e)



Selected scan #1227, RT: 3.6, base peak: 460.291 m/z, IC: 1.1E5



(g)



(h)

