

SUPPLEMENTAL INFORMATION

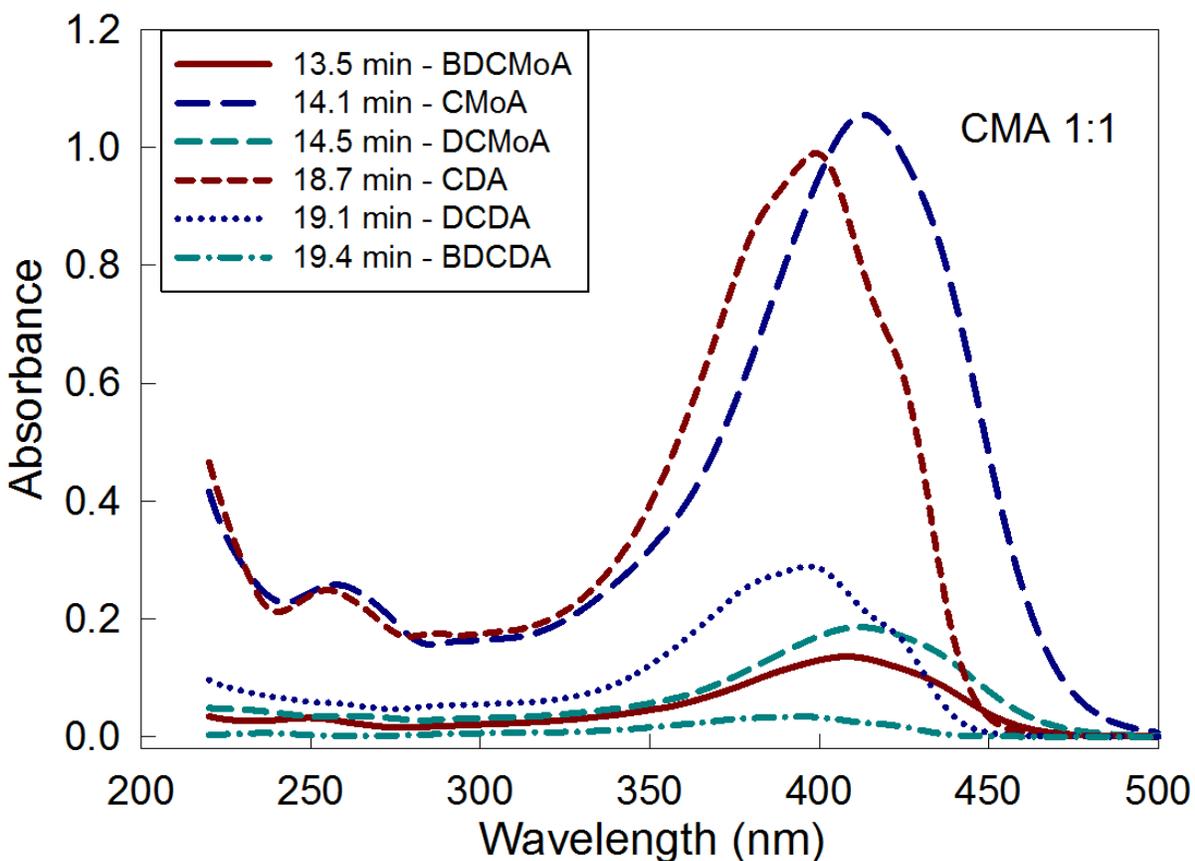


Figure A1: Absorbance spectra for individual peaks from HPLC analysis for CMA 1:1. The time noted in the legend is the peak elution time obtained from HPLC. Possible peak assignments for the different acrylates are indicated in the legend. BDCMoA – bisdemethoxycurcumin monoacrylate, CMoA – curcumin monoacrylate, DCMoA – demethoxycurcumin monoacrylate, CDA – curcumin diacrylate, DCDA – demethoxycurcumin diacrylate, BDCDA – bisdemethoxycurcumin diacrylate.

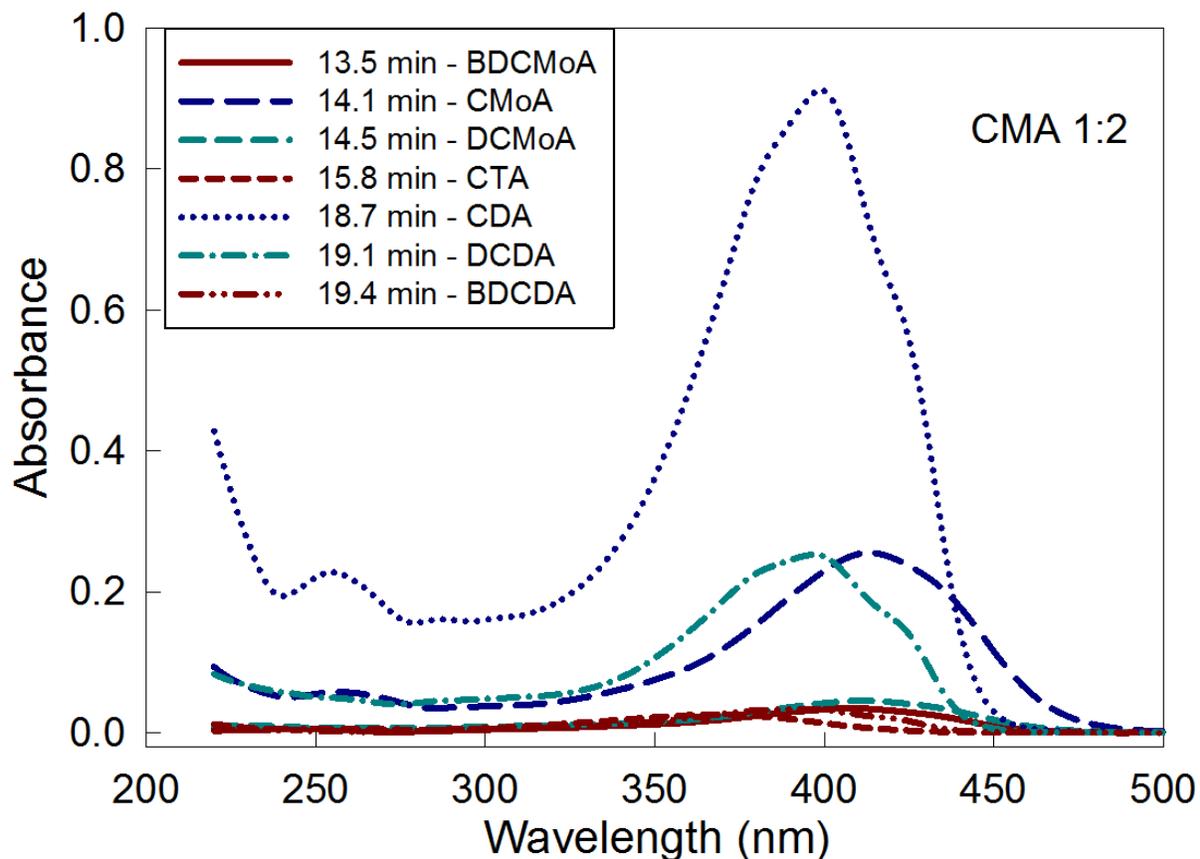


Figure A2: Absorbance spectra for individual peaks from HPLC analysis for CMA 1:2. The time noted in the legend is the peak elution time obtained from HPLC. Possible peak assignments for the different acrylates are indicated in the legend. BDCMoA – bisdemethoxycurcumin monoacrylate, CMoA – curcumin monoacrylate, DCMoA – demethoxycurcumin monoacrylate, CTA - curcumin triacrylate, CDA – curcumin diacrylate, DCDA – demethoxycurcumin diacrylate, BDCDA – bisdemethoxycurcumin diacrylate.

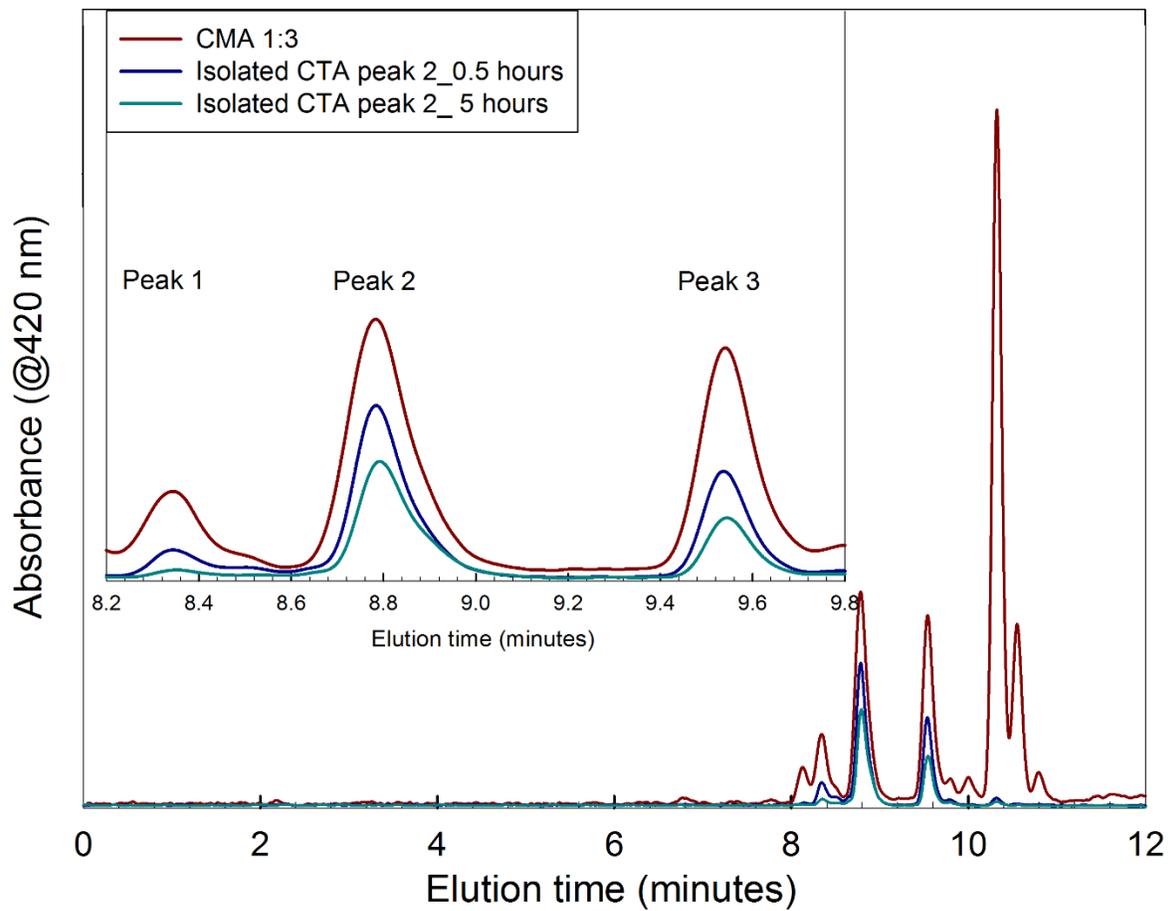


Figure A3: Isolated curcumin triacrylate “peak 2” elution collection samples (0.5 and 5 hours after collection) rerun in HPLC using 12 minute gradient method file from 60/40 (ACN/water) to 100/0 (ACN/water). Inset plot shows same data but expanding triacrylate range.

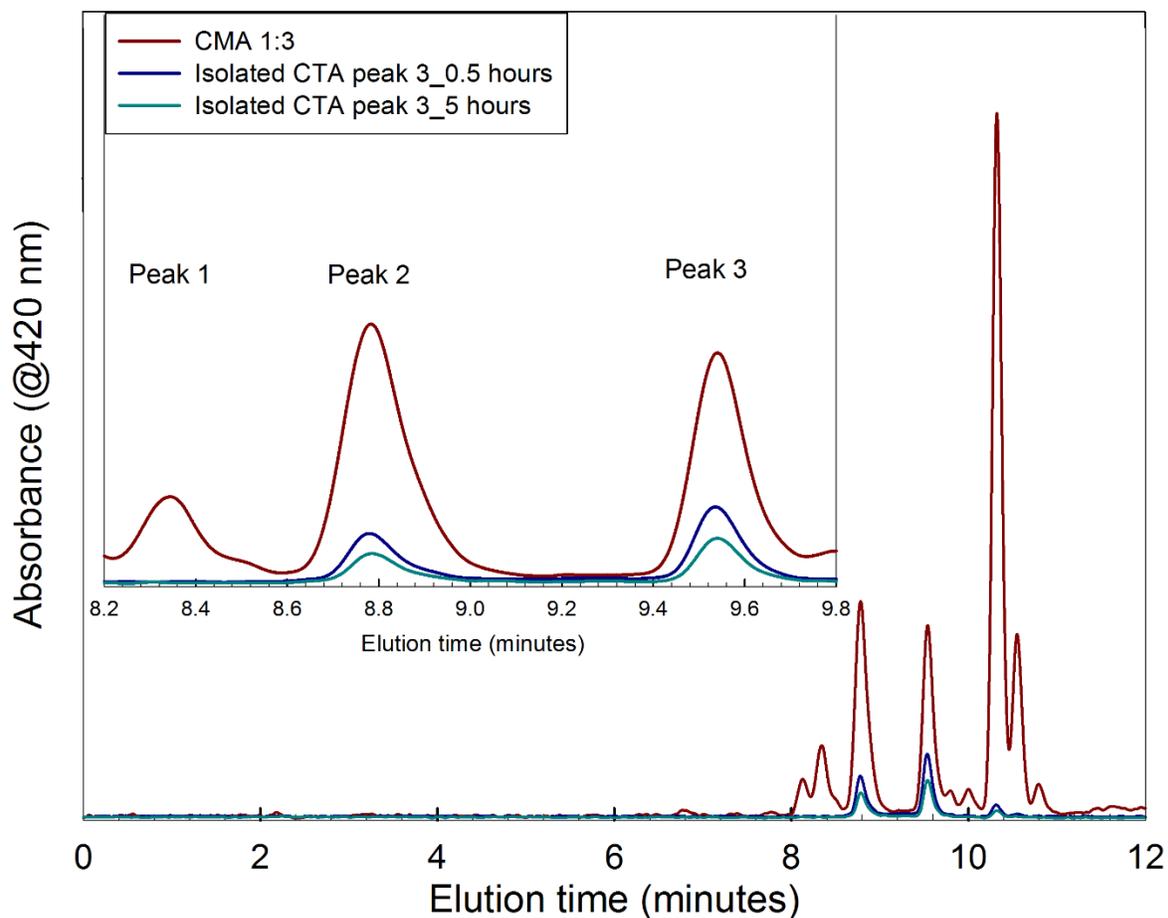


Figure A4: Isolated curcumin triacrylate “peak 3” elution collection samples (0.5 and 5 hours after collection) rerun in HPLC using 12 minute gradient method file from 60/40 (ACN/water) to 0/100 (ACN/water). Inset plot shows same data but expanding triacrylate range.

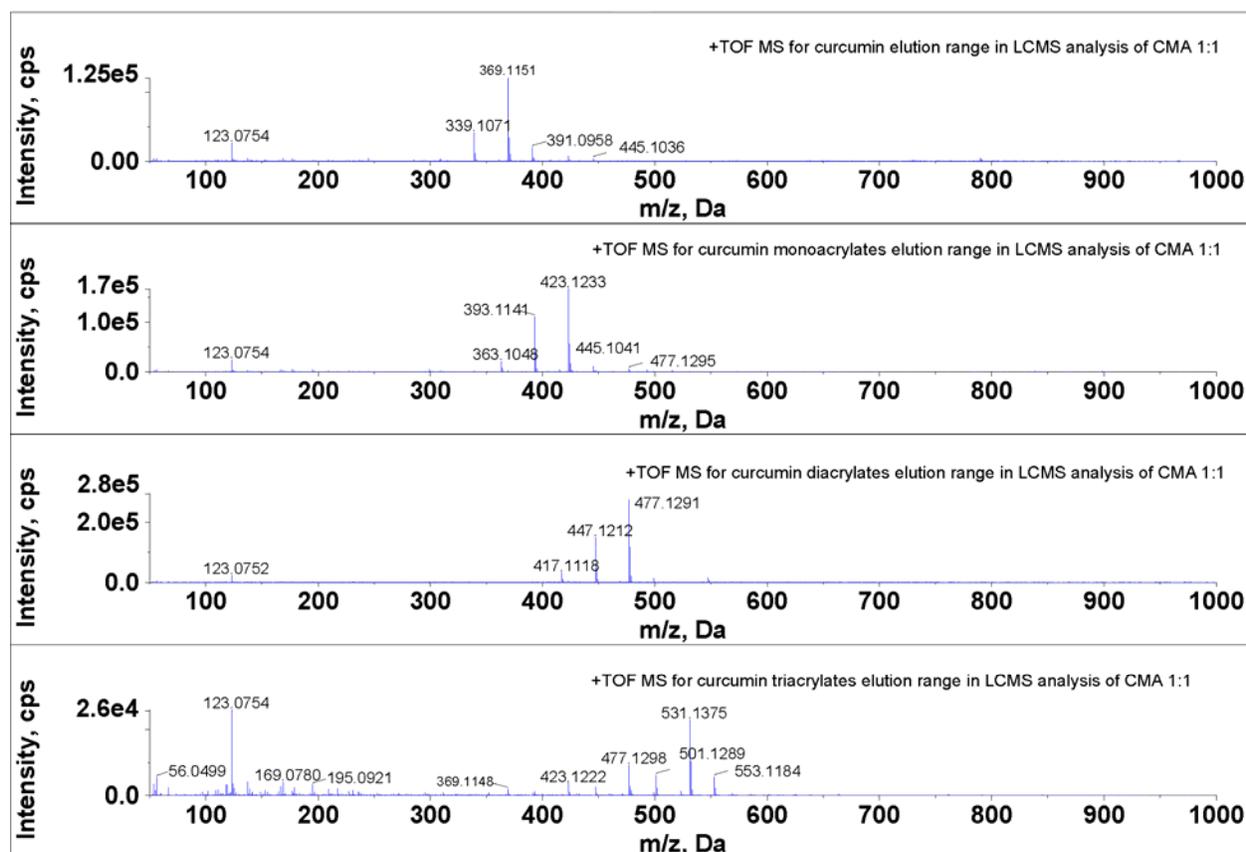


Figure A5: Time of flight mass spectra for the peaks at the different elution times during LCMS analysis of CMA 1:1 (Curcumin = 369, curcumin monoacrylate = 423, Curcumin Diacrylate = 477, curcumin triacrylate = 531)

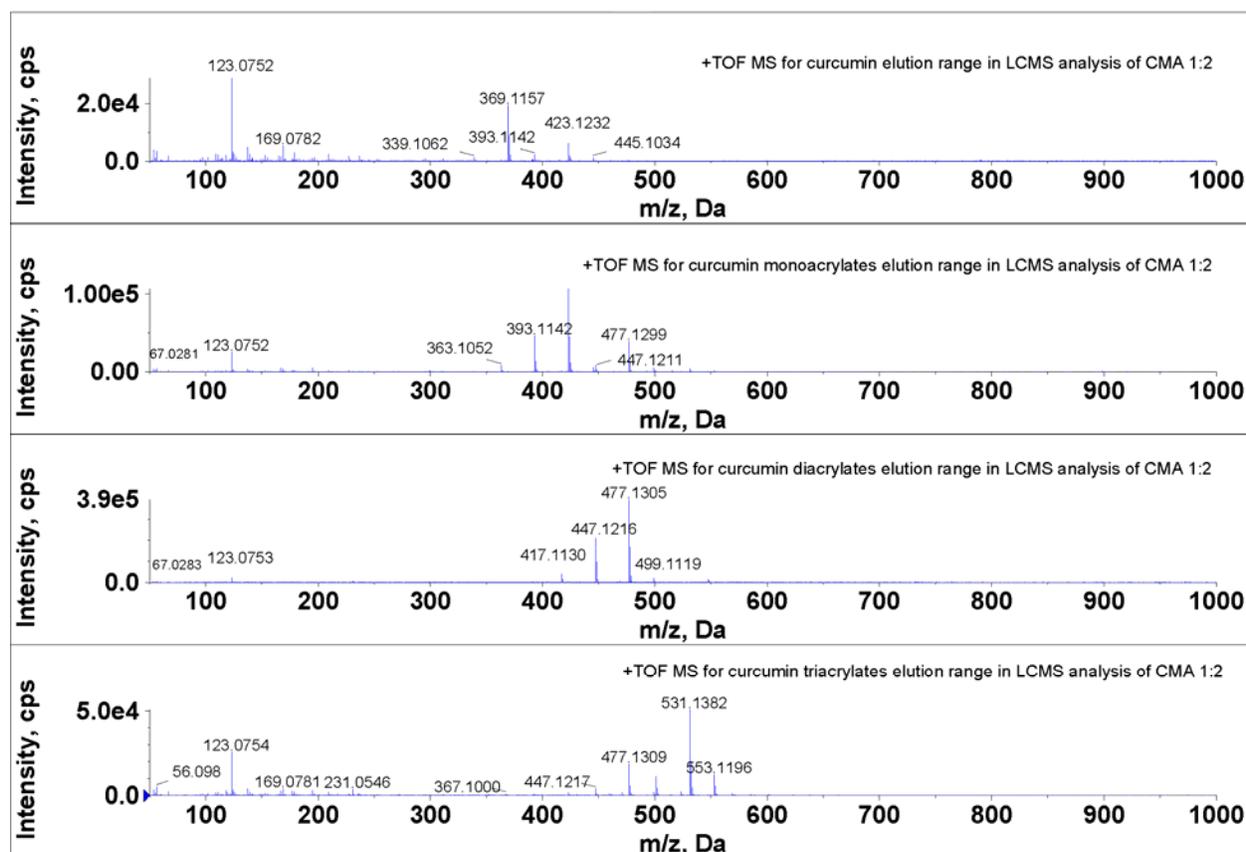


Figure A6: Time of flight mass spectra for the peaks at the different elution times during LCMS analysis of CMA 1:2. (Curcumin = 369, curcumin monoacrylate = 423, Curcumin Diacrylate = 477, curcumin triacrylate = 531)

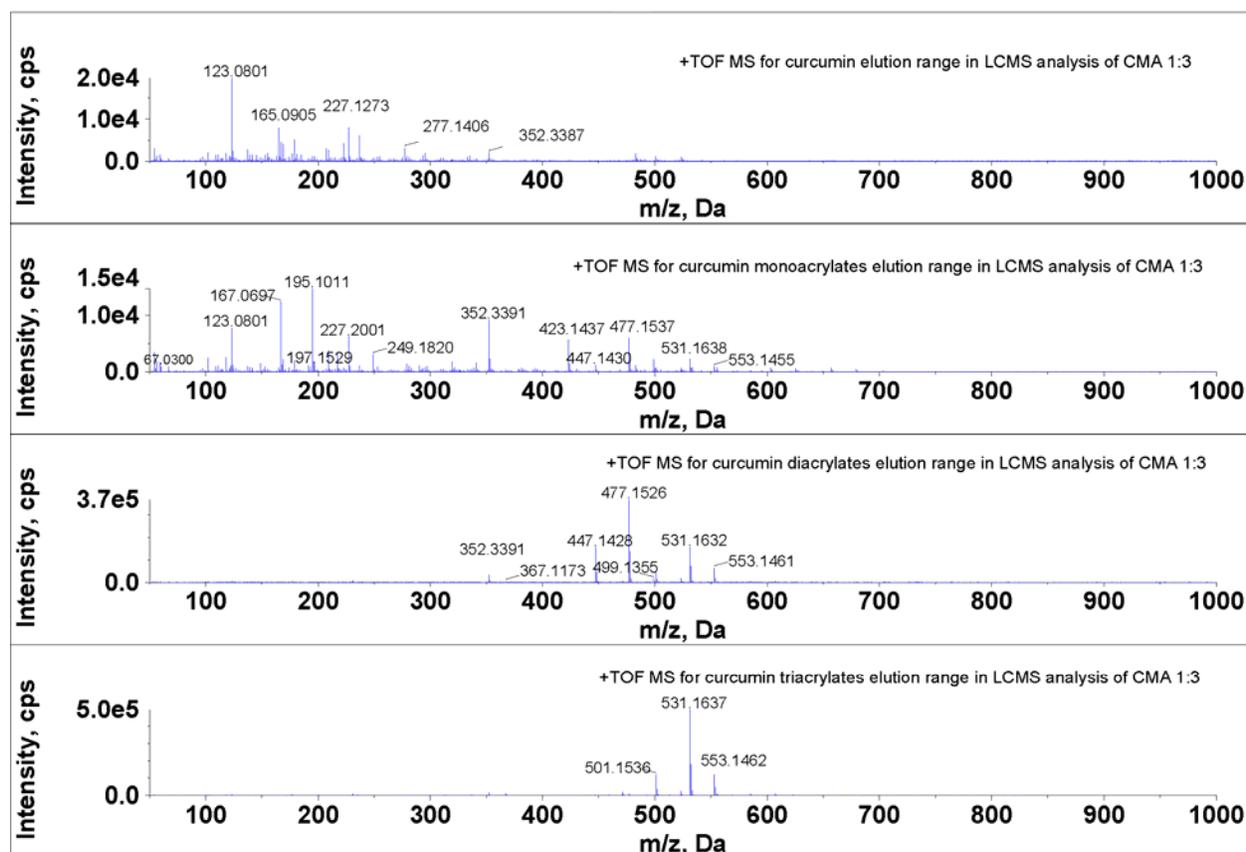


Figure A7: Time of flight mass spectra for the peaks at the different elution times during LCMS analysis of CMA 1:3. (Curcumin = 369, curcumin monoacrylate = 423, Curcumin Diacrylate = 477, curcumin triacrylate = 531)