

Structure of Nanotubes Self-Assembled from a Monoamide Organogelator

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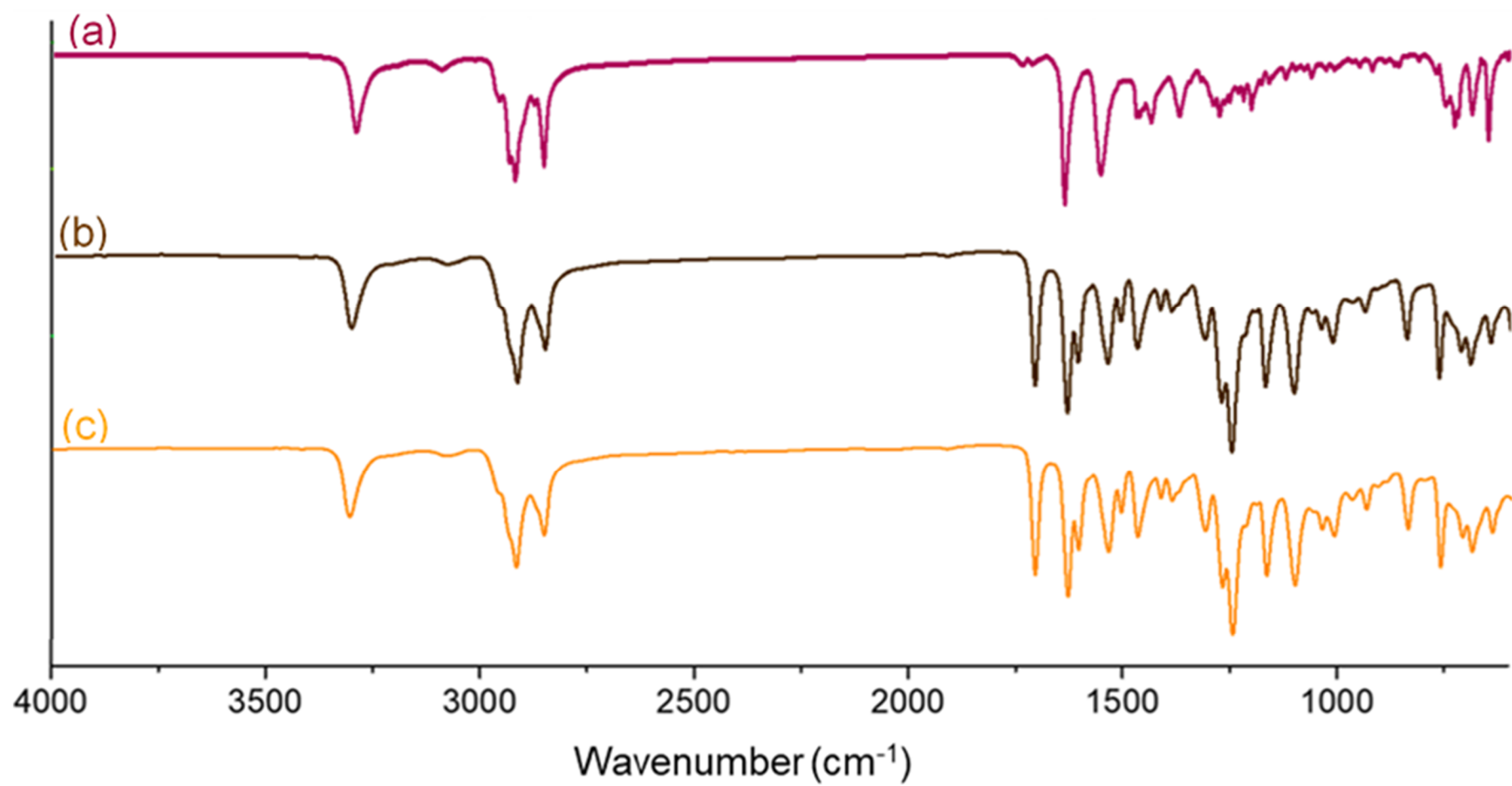


Figure S1. FTIR spectra of (a) Am-HU, (b) HUB-3 and (c) HUB-4.

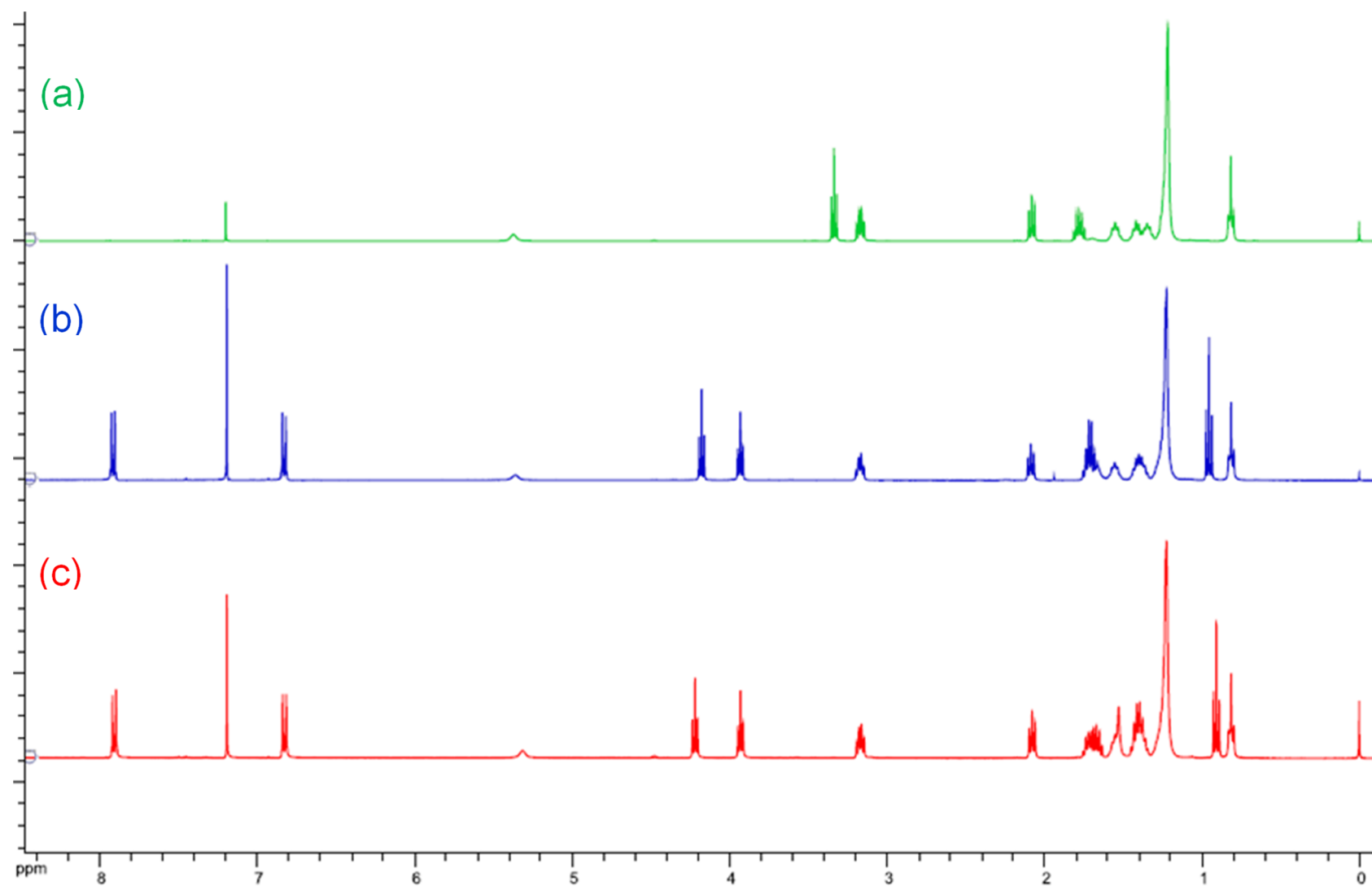


Figure S2. ¹H-RMN spectra of (a) Am-HU, (b) HUB-3 and (c) HUB-4.

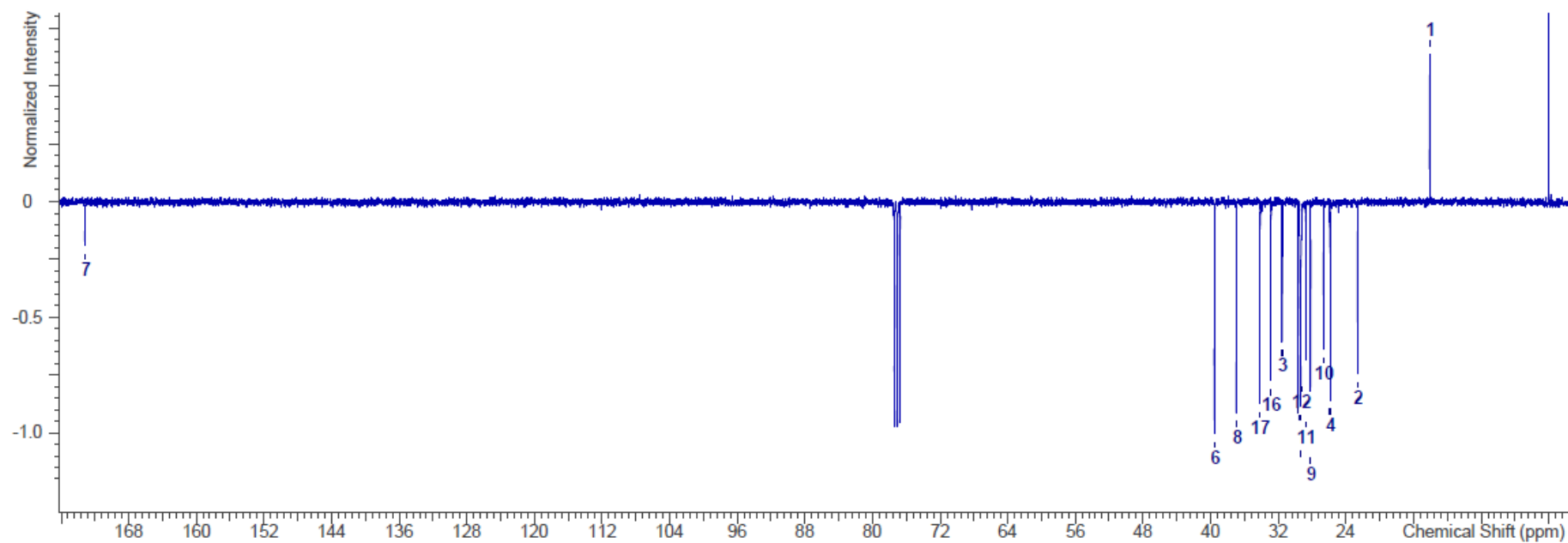
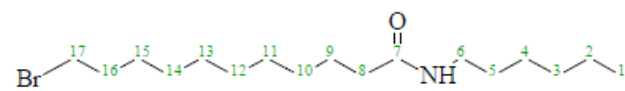


Figure S3. ¹³C-RMN spectrum of Am-HU.

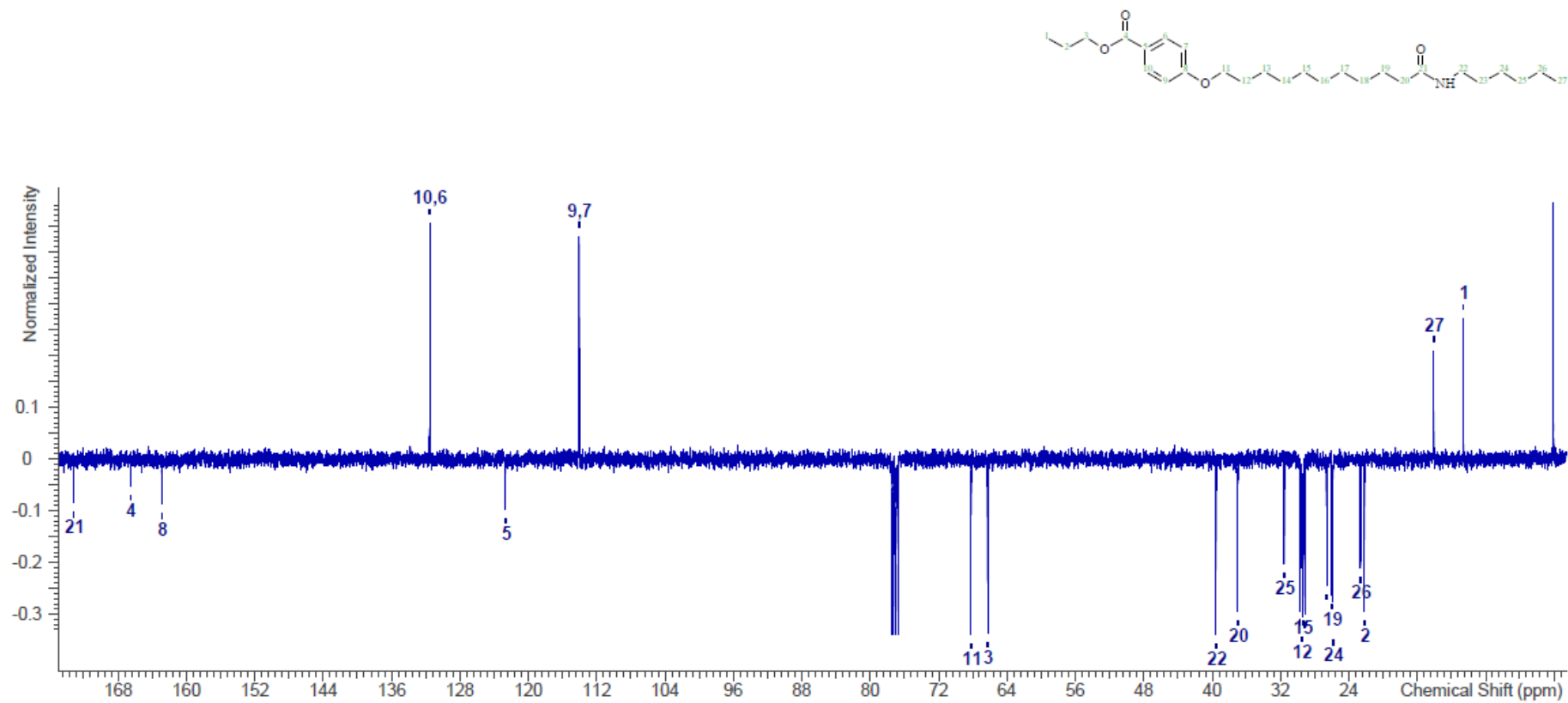


Figure S4. ^{13}C -RMN spectrum of HUB-3.

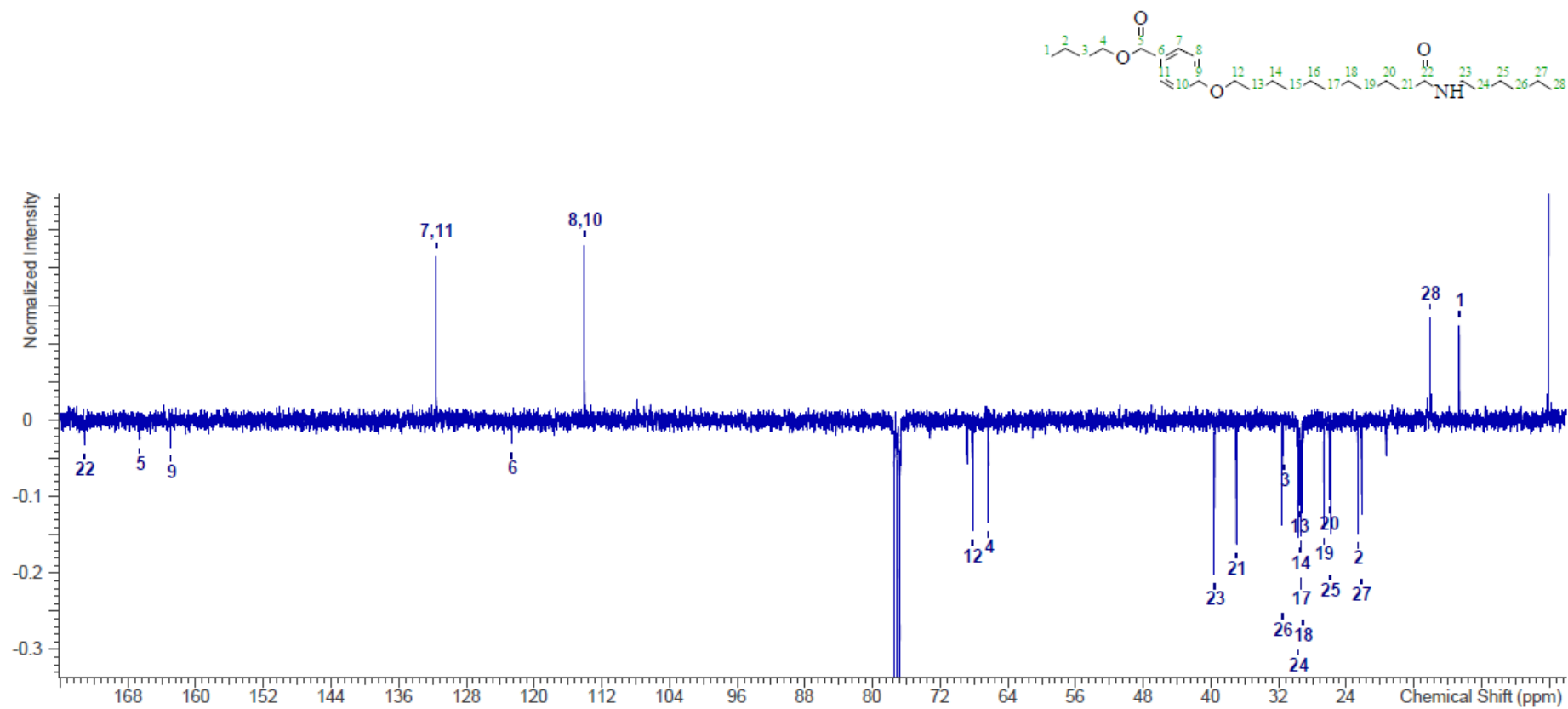


Figure S5. ^{13}C -RMN spectrum of HUB-4.

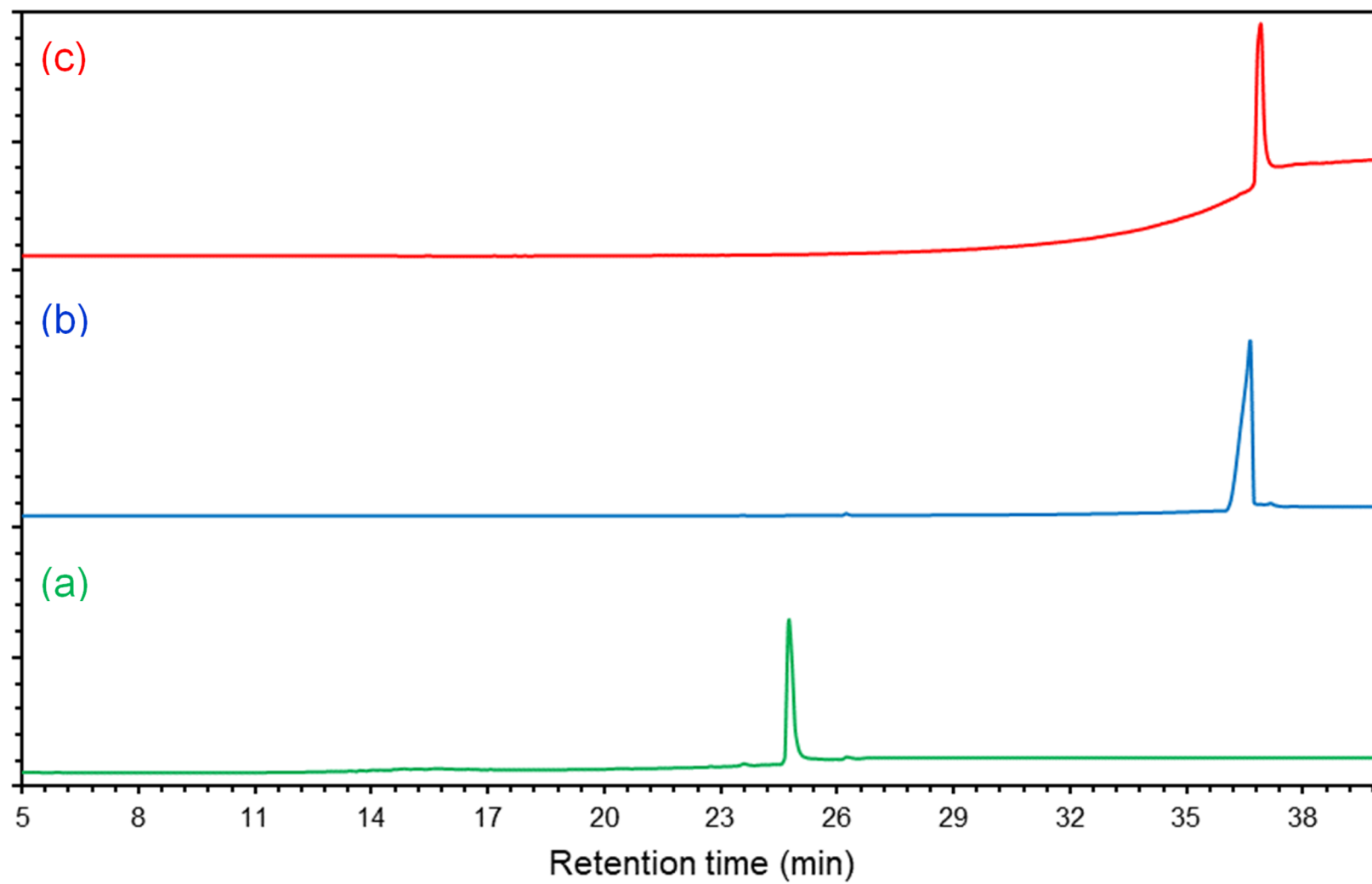


Figure S6. Chromatograms of (a) Am-HU, (b) HUB-3 and (c) HUB-4.

Acquisition Parameter

Source Type	ESI	Capillary	4500 V	Nebulizer	0.3 Bar	Set Hexapole RF	55.0 Vpp
Ion Polarity	Positive	Dry Heater	200 °C	Dry Gas	3.0 l/min	Set Capillary Exit	100.0 V



Figure S7. ESI MS spectrum of Am-HU.

Acquisition Parameter

Source Type	ESI	Capillary	4500 V	Nebulizer	0.3 Bar	Set Hexapole RF	55.0 Vpp
Ion Polarity	Positive	Dry Heater	200 °C	Dry Gas	3.0 l/min	Set Capillary Exit	100.0 V

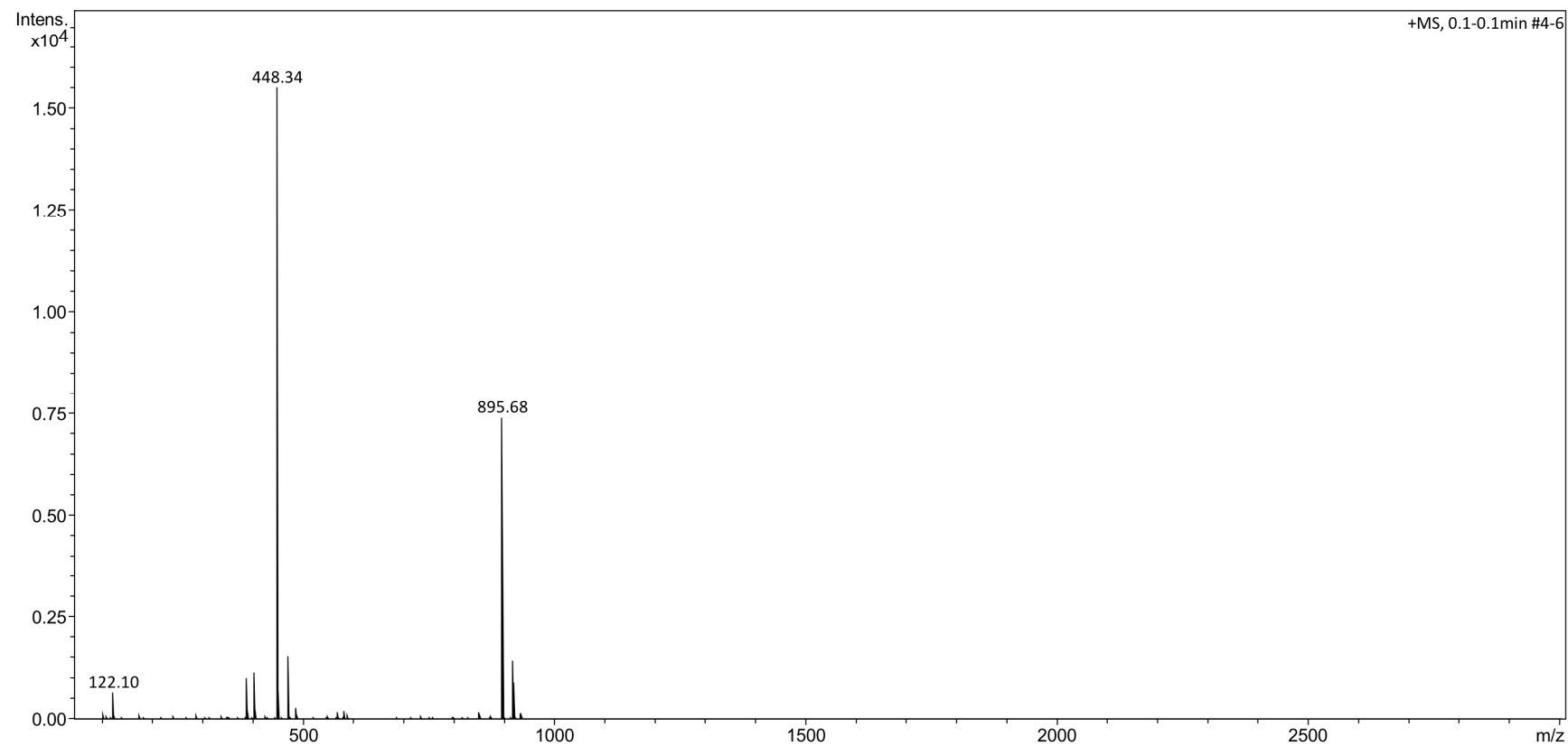
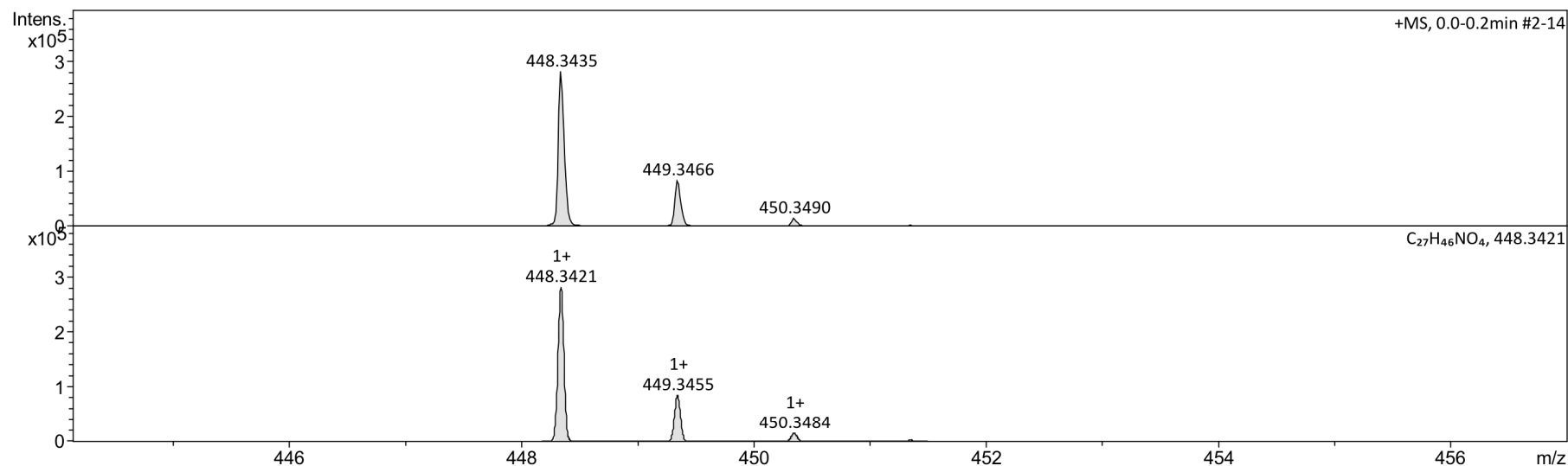


Figure S8. ESI MS spectrum of HUB-3.

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Corrector Fill	55.7 V
n/a	n/a	n/a	n/a	n/a	n/a
Scan Begin	50 m/z	n/a	n/a	Set Reflector	1800.0 V
Scan End	3000 m/z	n/a	n/a	Set Flight Tube	8600.0 V
		n/a	n/a	Set Detector TOF	1961.2 V



Meas. m/z	#	Ion Formula	m/z err [ppm]	Mean err [ppm]	rdB	N-Rule	e ⁻	Conf	mSigma	Std I	Std Mean	m/z	Std I	VarNorm	Std m/z	Diff	Std Comb	Dev
448.343469	1	C ₂₇ H ₄₆ NO ₄	448.342135	-3.0	-2.5	5.5	ok	even	3.9	5.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Figure S9. ESI HRMS spectrum of HUB-3. (Top: experimental, bottom: simulated).

Acquisition Parameter

Source Type	ESI	Capillary	4500 V	Nebulizer	0.3 Bar	Set Hexapole RF	55.0 Vpp
Ion Polarity	Positive	Dry Heater	200 °C	Dry Gas	3.0 l/min	Set Capillary Exit	100.0 V

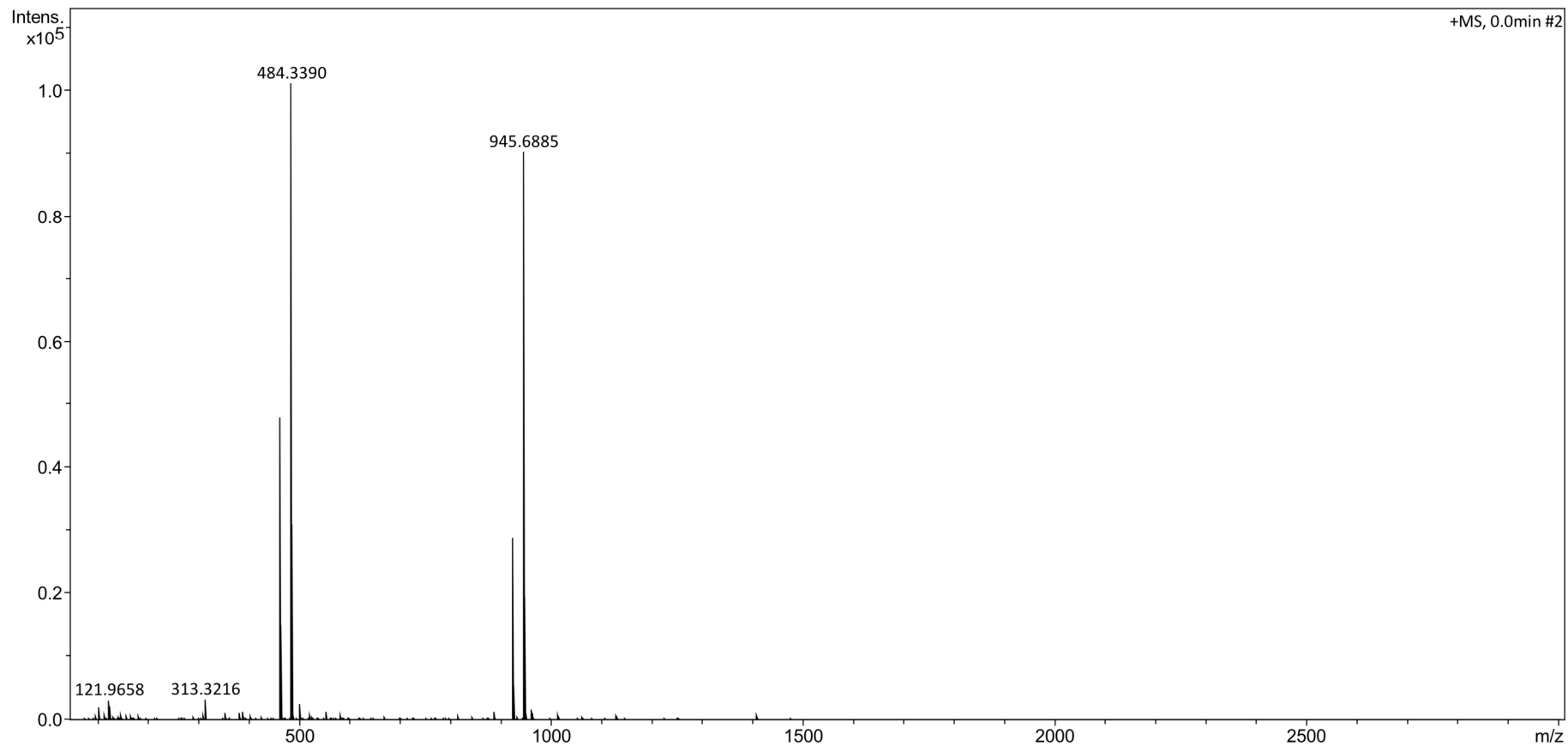
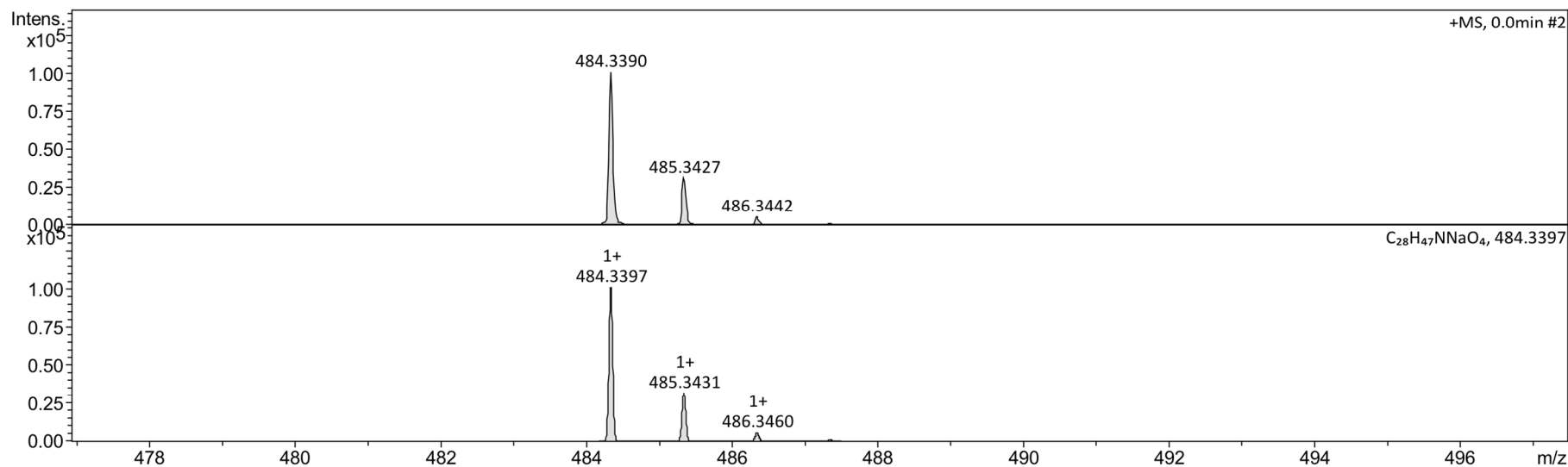


Figure S10. ESI MS spectrum of HUB-4.

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Corrector Fill	55.7 V
n/a	n/a	n/a	n/a	n/a	n/a
Scan Begin	50 m/z	n/a	n/a	Set Reflector	1800.0 V
Scan End	3000 m/z	n/a	n/a	Set Flight Tube	8600.0 V
		n/a	n/a	Set Detector TOF	1961.2 V



Meas. m/z # Ion Formula	m/z err [ppm]	Mean err [ppm]	rdb	N-Rule e ⁻	Conf	mSigma	Std I	Std Mean	m/z	Std I	VarNorm	Std m/z	Diff	Std Comb	Dev
484.338959 1 C ₂₈ H ₄₇ NNaO ₄	484.339730	1.6	2.2	5.5	ok even	3.6	5.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Figure S11. ESI HRMS spectrum of HUB-4 (Top: experimental, bottom: simulated).