

## Supplementary Materials

# Synthesis and Biological Evaluation of New Quinoline and Anthranilic Acid Derivatives as Potential Quorum Sensing Inhibitors

Ivana Perković <sup>1,\*</sup>, Tanja Poljak <sup>2</sup>, Kirsi Savijoki <sup>3,\*</sup>, Pekka Varmanen <sup>3</sup>, Gordana Maravić-Vlahoviček <sup>1</sup>, Maja Beus <sup>1</sup>, Anja Kučević <sup>1</sup>, Ivan Džajić <sup>4</sup> and Zrinka Rajić <sup>1</sup>

<sup>1</sup> Faculty of Pharmacy and Biochemistry, University of Zagreb, 10000 Zagreb, Croatia; gmaravic@pharma.hr (G.M.-V.); [mbeus@pharma.hr](mailto:mbeus@pharma.hr) (M.B.); anja.kucevic@proton.me (A.K.); zrajic@pharma.hr (Z.R.)

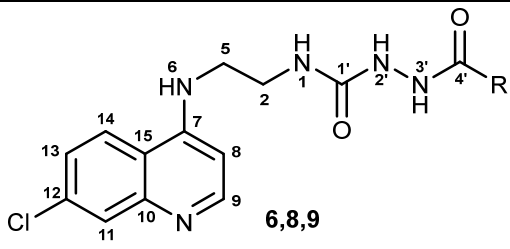
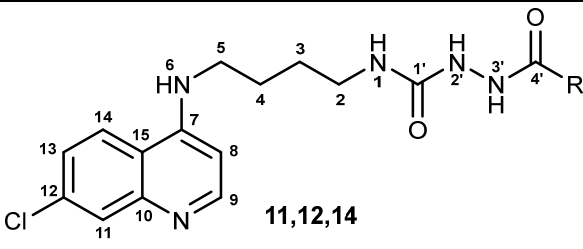
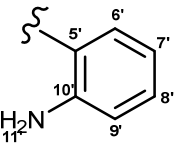
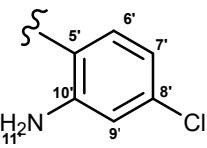
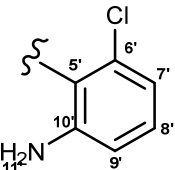
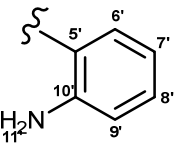
<sup>2</sup> Selvita Ltd., 10000 Zagreb, Croatia; tanja.poljak@selvita.com

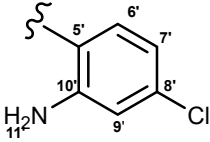
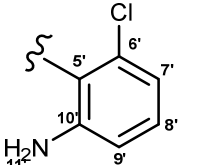
<sup>3</sup> Department of Food and Nutrition, Faculty of Agriculture and Forestry, University of Helsinki, 00014 Helsinki, Finland; pekka.varmanen@helsinki.fi

<sup>4</sup> Faculty of Pharmacy, University of Ljubljana, 1000 Ljubljana, Slovenia; ivan.dzajic@ffa.uni-lj.si

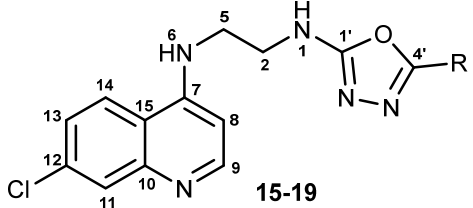
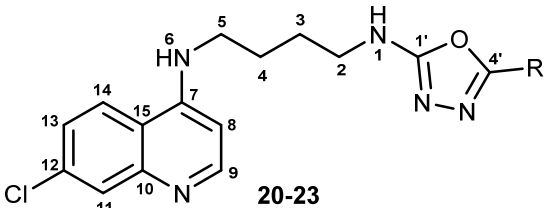
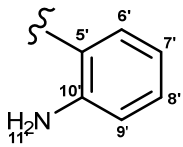
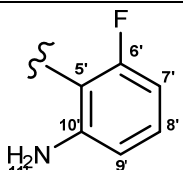
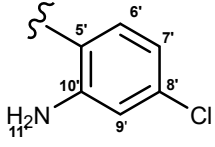
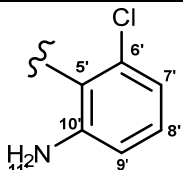
\* Correspondence: iperkovic@pharma.hr (I.P.); kirsi.savijoki@helsinki.fi (K.S.)

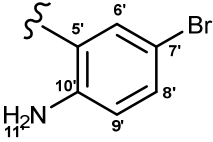
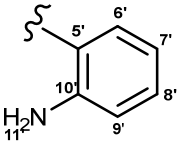
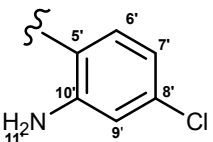
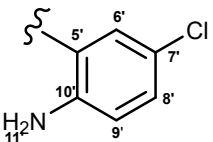
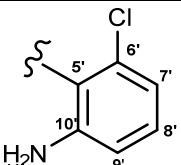
**Table S1.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectroscopic data for acylsemicarbazides.

			
Compd.	R	$^1\text{H}$ NMR (DMSO- $d_6$ , $\delta$ ppm, $J/\text{Hz}$ )	$^{13}\text{C}$ NMR (DMSO- $d_6$ , $\delta$ ppm)
6		9.93–9.72 (bs, 1H, 3'), 8.40 (d, 1H, $J$ = 5.2 Hz, 9), 8.16 (d, 1H, $J$ = 8.8 Hz, 14), 8.05 – 7.92 (bs, 1H, 2'), 7.79 (d, 1H, $J$ = 2.8 Hz, 11), 7.60 (d, 1H, $J$ = 8.4 Hz, 6'), 7.43 (dd, 1H, $J$ = 10.4, 2.4 Hz, 13), 7.48–7.36 (m, 1H, 6), 7.18 (dt, 1H, $J$ = 8.4, 1.2 Hz, 8'), 6.86–6.75 (bs, 1H, 1), 6.72 (d, 1H, $J$ = 6.00 Hz, 9'), 6.57 (d, 1H, $J$ = 5.6 Hz, 8), 6.51 (t, 1H, $J$ = 7.6 Hz, 7'), 6.44–6.32 (bs, 2H, 11'), 3.40–3.25 (m, 4H, 2, 5)	168.9 (4'), 159.3 (1'), 152.0 (9), 150.1 (7), 150.0 (10), 149.0 (10'), 133.4 (12), 132.2 (8'), 128.4 (11), 127.5 (6'), 124.1 (13), 123.8 (14), 117.3 (15), 116.3 (9'), 114.4 (7'), 112.4 (5'), 98.6 (8), 43.4 (2), 37.8 (5)
8		10.00–9.87 (bs, 1H, 3'), 8.41 (d, 1H, $J$ = 5.4 Hz, 9), 8.16 (d, 1H, $J$ = 8.4 Hz, 14), 8.02 (s, 1H, 2'), 7.79 (d, 1H, $J$ = 2.4 Hz, 11), 7.61 (d, 1H, $J$ = 9.0 Hz, 6'), 7.44 (dd, 1H, $J$ = 9.6, 2.4 Hz, 13), 7.41 (t, 1H, $J$ = 4.8 Hz, 6), 6.88–6.80 (bs, 1H, 1), 6.79 (d, 1H, $J$ = 2.4 Hz, 9'), 6.73–6.65 (bs, 2H, 1'), 6.56 (d, 1H, $J$ = 5.4 Hz, 8), 6.54 (dd, 1H, $J$ = 9.0, 1.8 Hz, 7'), 3.38–3.27 (m, 4H, 2, 5)	168.2 (4'), 159.2 (1'), 152.0 (9), 151.2 (10), 150.1 (7), 149.0 (10'), 136.7 (8'), 133.4 (12), 130.3 (6'), 127.5 (11), 124.1 (13), 123.8 (14), 117.3 (15), 115.0 (9'), 114.1 (7'), 111.2 (5'), 98.6 (8), 43.3 (2), 37.8 (5)
9		10.08–9.85 (bs, 1H, 3'), 8.56 (s, 1H, 2'), 8.41 (d, 1H, $J$ = 6.0 Hz, 9), 8.18 (d, 1H, $J$ = 9.0 Hz, 14), 7.79 (d, 1H, $J$ = 2.0 Hz, 11), 7.46 (dd, 1H, $J$ = 4.5, 2.0 Hz, 13), 7.40 (t, 1H, $J$ = 5.0 Hz, 6), 7.05 (t, 1H, $J$ = 7.5 Hz, 1), 6.63 (d, 1H, $J$ = 9.0 Hz, 9'), 6.63 (s, 1H, 8'), 6.56 (d, 1H, $J$ = 5.0 Hz, 8), 6.54 (d, 1H, $J$ = 6.5 Hz, 7'), 5.99 (s, 2H, 11'), 3.46–3.41 (m, 4H, 2, 5)	165.9 (4'), 159.2 (1'), 152.0 (9), 150.0 (10), 149.0 (10'), 147.9 (7), 133.4 (12), 130.6 (8'), 130.5 (6'), 127.5 (11), 124.2 (13), 123.9 (14), 119.1 (5'), 117.3 (15), 115.1 (7'), 113.2 (9'), 98.7 (8), 43.3 (2), 38.1 (5)
11		9.78 (s, 1H, 2'), 8.38 (d, 1H, $J$ = 5.4 Hz, 3'), 8.28 (d, 1H, $J$ = 9.0 Hz, 9), 7.77 (d, 1H, $J$ = 2.2 Hz, 14), 7.69 (s, 1H, 11), 7.58 (d, 1H, $J$ = 7.9 Hz, 6'), 7.43 (dd, 1H, $J$ = 9.0, 2.3 Hz, 13), 7.34 (t, 1H, $J$ = 5.4 Hz, 6), 7.20 – 7.13 (m, 1H, 8'), 6.70 (dd, 1H, $J$ = 8.4, 1.2 Hz, 8), 6.52 – 6.46 (m, 3H, 1, 7', 9'), 6.41 (s, 2H, 11'), 3.28 (q, 2H, $J$ = 7.1 Hz, 5), 3.10 (q, 2H, $J$ = 6.6 Hz, 2), 1.66 (q, 2H, $J$ = 7.3 Hz, 4), 1.53 (q, 2H, $J$ = 7.1 Hz, 3)	168.9 (4'), 158.7 (1'), 151.9 (9), 150.1 (7), 149.8 (10), 149.0 (10'), 133.3 (12), 132.1 (8'), 128.4 (11), 127.4 (6'), 124.1 (13), 124.0 (14), 117.4 (15), 116.2 (9'), 114.4 (7'), 112.7 (5'), 98.7 (8), 42.2 (2), 38.9 (5), 27.5 (4), 25.1 (3)

12		<p>9.86 (s, 1H, 3'), 8.39 (d, 1H, <math>J = 5.4</math> Hz, 9), 8.29 (d, 1H, <math>J = 9.1</math> Hz, 14), 7.78 (d, 1H, <math>J = 2.2</math> Hz, 11), 7.72 (s, 1H, 2'), 7.58 (d, 1H, <math>J = 8.5</math> Hz, 6'), 7.44 (dd, 1H, <math>J = 9.0, 2.3</math> Hz, 13), 7.42 (t, 1H, <math>J = 5.3</math> Hz, 6), 6.77 (d, 1H, <math>J = 2.2</math> Hz), 6.66 (s, 2H, 11'), 6.52 (dd, 2H, <math>J = 8.5, 2.2</math> Hz, 9'), 6.49 (d, 1H, <math>J = 5.5</math> Hz, 8), 3.29 (q, 2H, <math>J = 7.1</math> Hz, 5), 3.09 (q, 2H, <math>J = 6.6</math> Hz, 2), 1.69 – 1.62 (m, 2H, 4), 1.56 – 1.49 (m, 2H, 3)</p>	<p>168.1 (4'), 158.6 (1'), 151.5 (9), 151.1 (10), 150.3 (7), 148.6 (10'), 136.6 (8'), 133.5 (12), 130.3 (6'), 127.1 (11), 124.2 (13), 124.1 (14), 117.4 (15), 115.0 (9'), 114.1 (7'), 111.5 (5'), 98.7 (8), 42.2 (2), 38.9 (5), 27.6 (4), 25.1 (3)</p>
14		<p>9.92 (s, 1H, 3'), 8.39 (d, 1H, <math>J = 5.4</math> Hz, 9), 8.28 (d, 1H, <math>J = 9.1</math> Hz, 14), 8.17 (s, 1H, 2'), 7.77 (d, 1H, <math>J = 2.2</math> Hz, 11), 7.42 (dd, 1H, <math>J = 9.0, 2.3</math> Hz, 13), 7.32 (t, 1H, <math>J = 5.4</math> Hz, 6), 7.04 (t, 1H, <math>J = 8.1</math> Hz, 8'), 6.60 (dd, 1H, <math>J = 8.3, 1.0</math> Hz, 7'), 6.54 (dd, 2H, <math>J = 7.8, 0.9</math> Hz, 9'), 6.49 (d, 1H, <math>J = 5.5</math> Hz, 8), 6.35 (t, 1H, <math>J = 5.8</math> Hz, 1), 5.93 (s, 2H, 11'), 3.29 (q, 2H, <math>J = 7.1</math> Hz, 5), 3.13 (q, 2H, <math>J = 6.6</math> Hz, 2), 1.72 – 1.64 (m, 2H, 4), 1.59 – 1.51 (m, 2H, 3)</p>	<p>166.0 (4'), 158.6 (1'), 152.0 (9), 150.1 (7), 149.1 (10'), 147.9 (10), 133.3 (12), 130.6 (8'), 130.6 (6'), 127.5 (11), 124.1 (13), 124.0 (14), 119.1 (5'), 117.5 (15), 115.1 (7'), 113.2 (9'), 98.7 (8), 42.1 (2), 39.1 (5), 27.5 (4), 25.1 (3)</p>

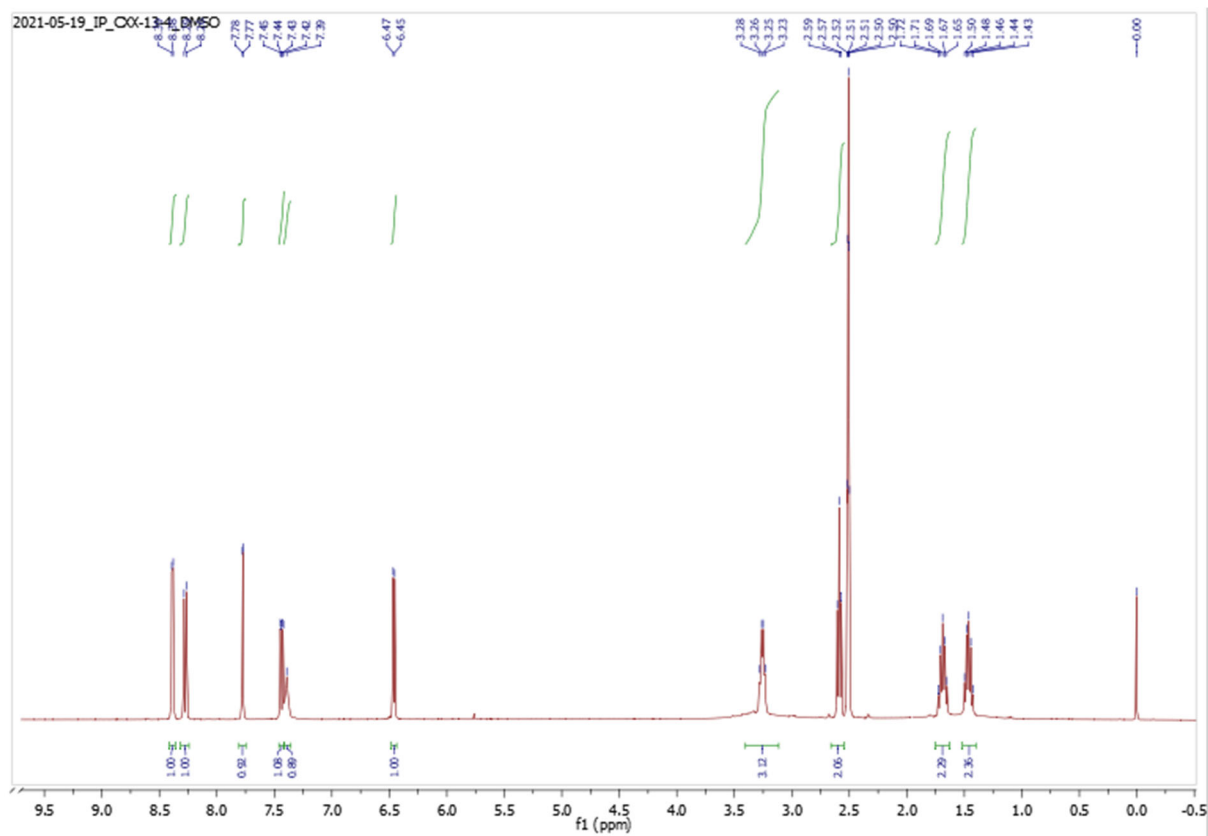
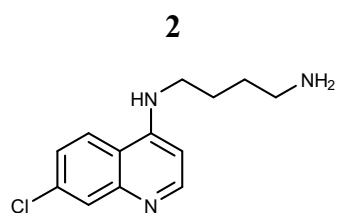
**Table S2.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectroscopic data for 1,3,4-oxadiazoles.

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Compd.	R	$^1\text{H}$ NMR (DMSO- $d_6$ , $\delta$ ppm, J/Hz)	$^{13}\text{C}$ NMR (DMSO- $d_6$ , $\delta$ ppm)
15		8.43 (d, 1H, $J$ = 6.0 Hz, 9), 8.22 (d, 1H, $J$ = 9.6 Hz, 14), 7.92 (t, 1H, $J$ = 5.4 Hz, 1), 7.79 (d, 1H, $J$ = 4.2 Hz, 11), 7.52 (t, 1H, $J$ = 5.4 Hz, 6), 7.45 (dd, 1H, $J$ = 4.2 Hz, 2.4 Hz, 13), 7.38 (dd, 1H, $J$ = 7.5, 1.2 Hz, 6'), 7.16 (dt, 1H, $J$ = 7.8, 1.8 Hz, 8'), 6.83 (d, 1H, $J$ = 4.2 Hz, 9'), 6.64 (d, 1H, $J$ = 3.0 Hz, 7'), 6.60 (t, 1H, $J$ = 7.2 Hz, 7'), 6.58 – 6.52 (bs, 2H, 11'), 3.55 (m, 4H, 2, 5)	162.5 (1'), 158.7 (4'), 152.3 (9), 150.6 (10'), 149.5 (10), 147.2 (7), 134.0 (12), 131.4 (8'), 127.9 (11), 126.6 (6'), 124.6 (13), 124.5 (14), 117.9 (15), 115.9 (9'), 115.8 (7'), 105.6 (5'), 99.1 (8), 41.9 (2), 41.3 (5)
16		8.46 (d, 1H, $J$ = 10.8 Hz, 9), 8.30 (d, 1H, $J$ = 9.6 Hz, 14), 8.04 (t, 1H, $J$ = 7.2 Hz, 1), 8.03 – 7.93 (bs, 1H, 8'), 7.83 (d, 1H, $J$ = 2.4 Hz, 11), 7.53 (dd, 1H, $J$ = 8.4, 1.8 Hz, 13), 7.15 (q, 1H, $J$ = 7.2 Hz, 6), 6.85 (s, 2H, 11'), 6.71 (d, 1H, $J$ = 5.4 Hz, 7'), 6.60 (d, 1H, $J$ = 8.4 Hz, 8), 6.44 – 6.40 (m, 1H, 9'), 3.63 (q, 2H, 2), 3.53 (q, 2H, 5)	163.1 (1'), 161.2 (6'), 159.5 (4'), 155.4 (7), 151.9 (10), 150.2 (9), 149.4 (10'), 135.0 (12), 132.0 (d, $J$ = 46.2 Hz, 8'), 125.9 (11), 125.3 (13), 124.9 (14), 117.5 (15), 111.7 (9'), 101.9 (d, $J$ = 87.6 Hz, 7'), 99.1 (8), 95.1 (d, $J$ = 60.0 Hz, 5'), 42.0 (2), 41.3 (5)
17		8.42 (d, 1H, $J$ = 5.4 Hz, 9), 8.20 (d, 1H, $J$ = 9.6 Hz, 14), 7.97 (t, 1H, $J$ = 5.4 Hz, 1), 7.78 (d, 1H, $J$ = 1.8 Hz, 11), 7.46 (m, 1H, 6), 7.45 (dd, 1H, $J$ = 9.6, 2.4 Hz, 13), 7.34 (d, 1H, $J$ = 9.0 Hz, 6'), 6.89 (d, 1H, $J$ = 2.4 Hz, 7'), 6.83–6.78 (bs, 2H, 11'), 6.62 (m, 2H, 8, 9'), 3.54 (m, 4H, 2, 5)	162.6 (1'), 157.9 (4'), 152.4 (9), 150.5 (10'), 148.6 (10), 148.2 (7), 135.7 (8'), 133.9 (12), 128.2 (6'), 128.0 (11), 124.6 (13), 124.5 (14), 118.0 (15), 115.6 (9'), 114.8 (7'), 104.6 (5'), 99.1 (8), 41.8 (2), 41.2 (5)
18		8.68–8.58 (bs, 1H, 13), 8.50 (d, 1H, $J$ = 6.6 Hz, 9), 8.41 (d, 1H, $J$ = 8.4 Hz, 14), 8.01 (t, 1H, $J$ = 5.4 Hz, 1), 7.89 (s, 1H, 11), 7.62 (d, 1H, $J$ = 9.0 Hz, 7'), 7.14 (t, 1H, $J$ = 7.8 Hz, 6), 6.82 (d, 1H, $J$ = 7.2 Hz, 8'), 6.75 (d, 1H, $J$ = 9.0 Hz, 9'), 6.66 (d, 1H, $J$ = 8.4 Hz, 8), 6.22–6.12 (bs, 2H, 11'), 3.70 (q, 2H, $J$ = 3.6 Hz, 2), 3.55 (q, 2H, $J$ = 3.5 Hz, 5)	163.4 (1'), 154.4 (4'), 151.7 (9), 150.7 (7), 149.8 (10'), 148.8 (10), 136.5 (8'), 133.5 (12), 132.7 (6'), 131.8 (9'), 127.1 (11), 124.2 (13), 124.1 (14), 117.4 (5'), 116.5 (15), 114.1 (7'), 105.7 (5'), 98.6 (8), 41.4 (2), 40.9 (5)

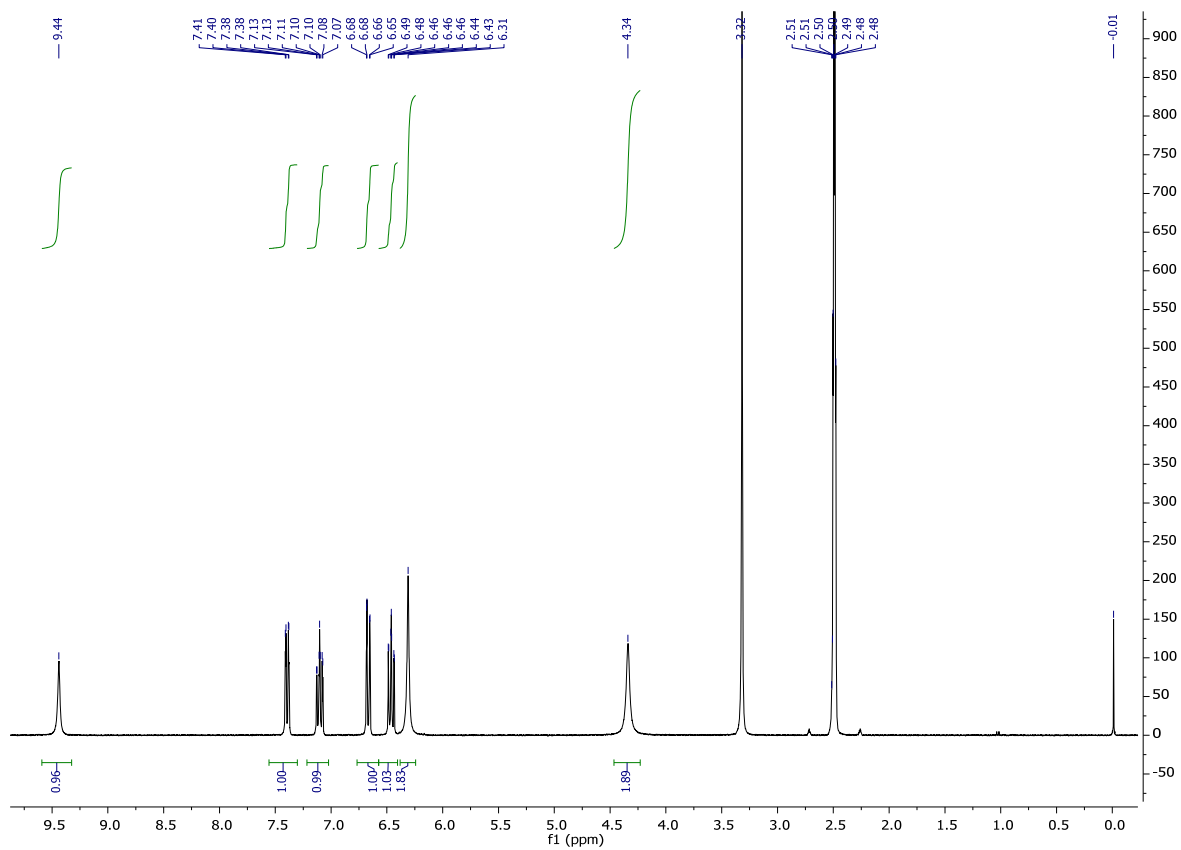
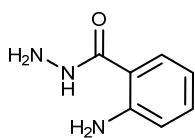
19		8.46 (d, 1H, $J$ = 6.6 Hz, 9), 8.26 (d, 1H, $J$ = 9.6 Hz, 14), 8.00 (t, 1H, $J$ = 6.0 Hz, 1), 7.82 (d, 1H, $J$ = 2.4 Hz, 11), 7.86–7.73 (m, 1H, 6), 7.49 (dd, 1H, $J$ = 8.4, 2.4 Hz, 13), 7.47 (d, 1H, $J$ = 3.6 Hz, 6'), 7.29 (dd, 1H, $J$ = 9.0, 2.4 Hz, 8'), 6.82 (d, 1H, $J$ = 9.6 Hz, 8), 6.75–6.70 (bs, 2H, 11'), 6.69 (d, 1H, $J$ = 5.4 Hz, 9'), 3.60–3.55 (m, 4H, 2, 5)	na
20		8.40 (d, 1H, $J$ = 5.5 Hz, 9), 8.30 (d, 1H, $J$ = 9.1 Hz, 14), 7.81 – 7.75 (m, 2H, 1, 11), 7.51 – 7.42 (m, 3H, 6, 13, 6'), 7.19 – 7.14 (m, 1H, 9'), 6.84 (dd, 1H, $J$ = 8.3, 1.1 Hz, 7'), 6.62 (t, 1H, $J$ = 8.1 Hz, 8'), 6.57 (s, 2H, 11'), 6.52 (d, 1H, $J$ = 5.6 Hz, 8), 3.36 – 3.28 (m, 4H, 2, 5), 1.78 – 1.69 (m, 4H, 3, 4)	162.1 (1'), 158.0 (4'), 151.2 (9), 150.5 (7), 148.3 (10), 146.7 (10'), 133.7 (12), 130.8 (8'), 126.8 (11), 126.1 (6'), 124.2 (13, 14), 117.3 (15), 115.4 (9'), 115.3 (7'), 105.2 (5'), 98.7 (8), 42.3 (2), 42.1 (5), 26.5 (4), 25.1 (3)
21		8.40 (d, 1H, $J$ = 5.5 Hz, 9), 8.30 (d, 1H, $J$ = 9.1 Hz, 14), 7.83 (t, 1H, $J$ = 5.6 Hz, 1), 7.79 (d, 1H, $J$ = 2.1 Hz, 11), 7.50 (t, 1H, $J$ = 4.9 Hz, 6), 7.46 (dd, 1H, $J$ = 9.0, 2.1 Hz, 13), 7.41 (d, 1H, $J$ = 8.5 Hz, 6'), 6.90 (d, 1H, $J$ = 2.0 Hz, 7'), 6.81 (s, 2H, 11'), 6.64 (dd, 1H, $J$ = 8.5, 2.0 Hz, 9'), 6.53 (d, 1H, $J$ = 5.6 Hz, 8), 3.80 – 3.08 (m, 4H, 2, 5), 1.94 – 1.51 (m, 4H, 3, 4)	162.6 (1'), 157.7 (4'), 151.6 (9), 151.0 (10'), 148.6 (10), 148.2 (7), 135.6 (8'), 134.2 (12), 128.2 (6'), 127.1 (11), 124.7 (13, 14), 117.7 (15), 115.6 (9'), 114.8 (7'), 104.7 (5'), 99.1 (8), 42.8 (2), 42.6 (5), 26.9 (4), 25.5 (3)
22		8.39 (d, 1H, $J$ = 5.5 Hz, 9), 8.29 (d, 1H, $J$ = 9.0 Hz, 14), 7.84 (t, 1H, $J$ = 5.7 Hz, 1), 7.78 (d, 1H, $J$ = 2.3 Hz, 11), 7.48 – 7.44 (m, 2H, 6, 13), 7.39 (d, 1H, $J$ = 2.5 Hz, 6'), 7.20 (dd, 1H, $J$ = 8.8, 2.5 Hz, 8'), 6.87 (d, 1H, $J$ = 8.8 Hz, 9'), 6.71 (s, 2H, 11'), 6.52 (d, 1H, $J$ = 5.5 Hz, 8), 3.40 – 3.31 (m, 4H, 2, 5), 1.77 – 1.70 (m, 4H, 3, 4)	162.3 (1'), 156.9 (4'), 151.3 (9), 150.4 (10'), 148.4 (10), 145.5 (7), 133.7 (12), 130.5 (8'), 126.9 (11), 124.9 (6'), 124.2 (8'), 124.2 (13, 14), 118.4 (7'), 117.3 (9'), 117.2 (15), 106.3 (5'), 98.7 (8), 42.3 (2), 42.1 (5), 26.5 (4), 25.1 (3)
23		8.41 (d, 1H, $J$ = 5.7 Hz, 9), 8.35 (d, 1H, $J$ = 9.1 Hz, 14), 7.81 (dd, 2H, $J$ = 10.3, 3.9 Hz, 11, 1), 7.74 (s, 1H, 6), 7.50 (dd, 1H, $J$ = 9.0, 2.2 Hz, 13), 7.14 (t, 1H, $J$ = 8.1 Hz, 8'), 6.77 (dd, 1H, $J$ = 7.8, 0.7 Hz, 7'), 6.68 (dd, 1H, $J$ = 7.8, 0.7 Hz, 9'), 6.56 (d, 1H, $J$ = 5.8 Hz, 8), 6.20 (s, 2H, 11'), 3.46 – 3.23 (m, 4H, 2, 5), 1.80 – 1.68 (m, 4H, 3, 4)	162.9 (4'), 154.7 (1'), 151.5 (9), 150.7 (10), 150.2 (7), 147.6 (10), 134.7 (8'), 133.1 (12), 132.2 (6'), 126.4 (11), 125.0 (13), 124.9 (14), 117.6 (9'), 117.0 (15), 114.5 (7'), 106.3 (5'), 99.1 (8), 42.8 (2), 42.7 (5), 26.9 (3), 25.6 (4)

na-not available

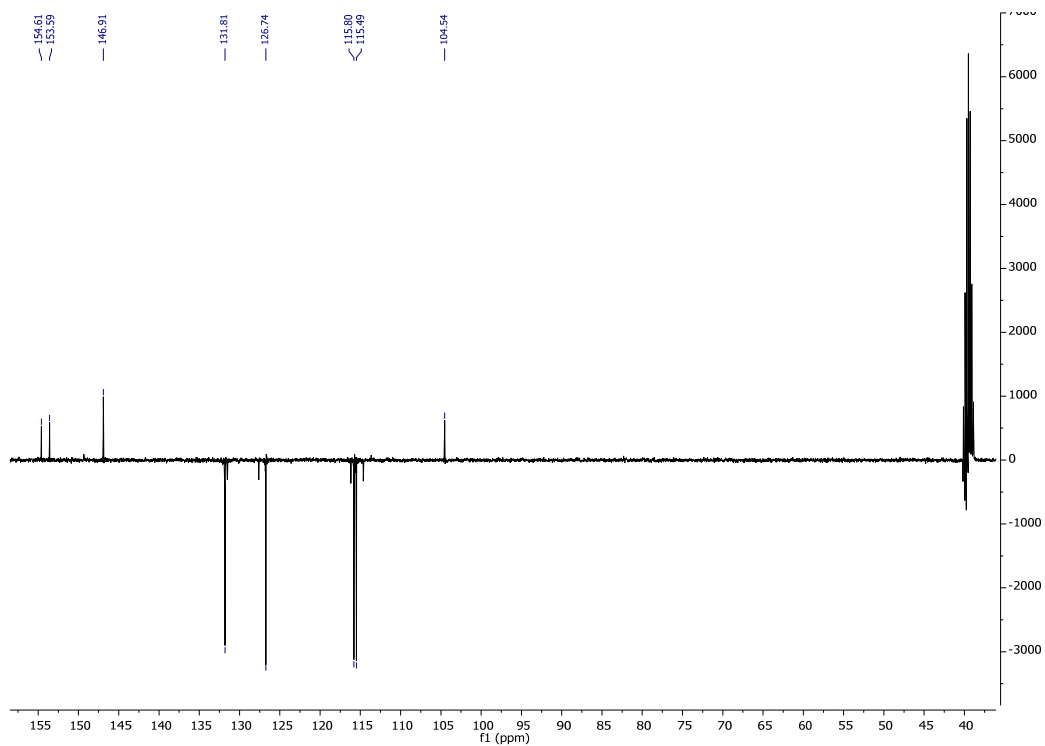
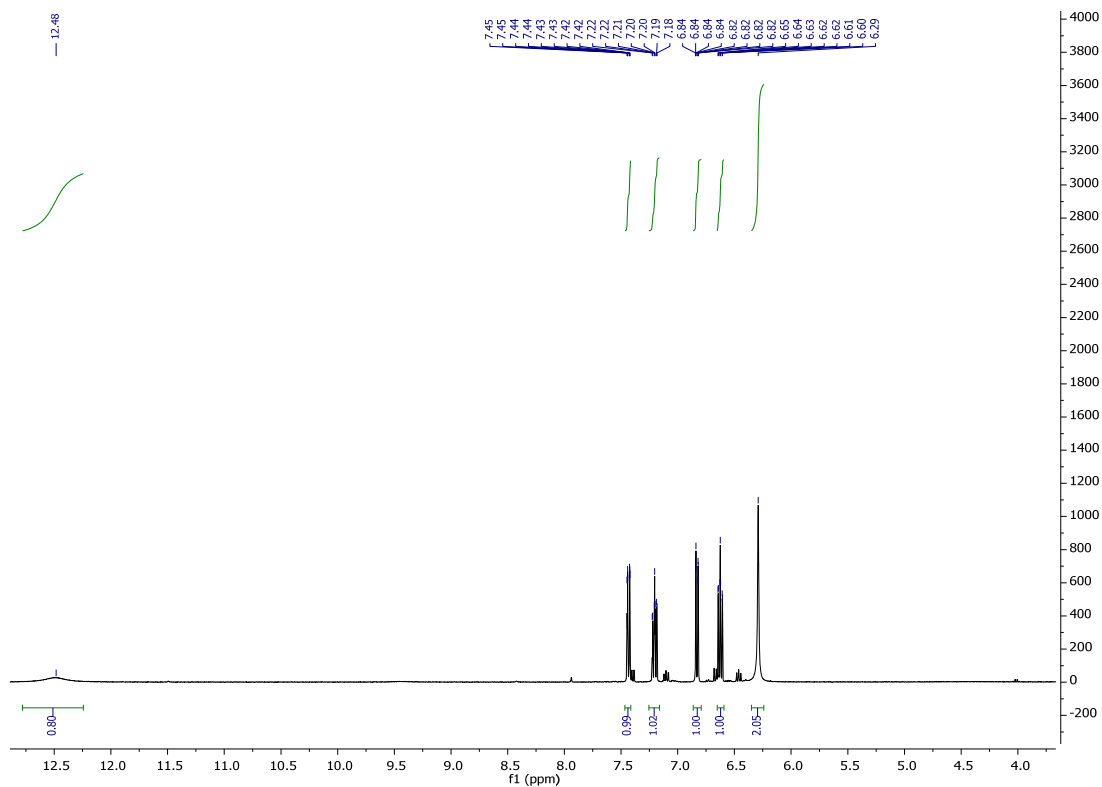
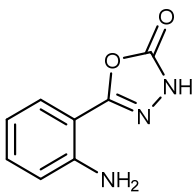
Figure S1. IR, MS and/or NMR spectra of compounds 2, 4a, 5a, 5d, 6, 8, 9, 11, 12, 14–23.



**4a**

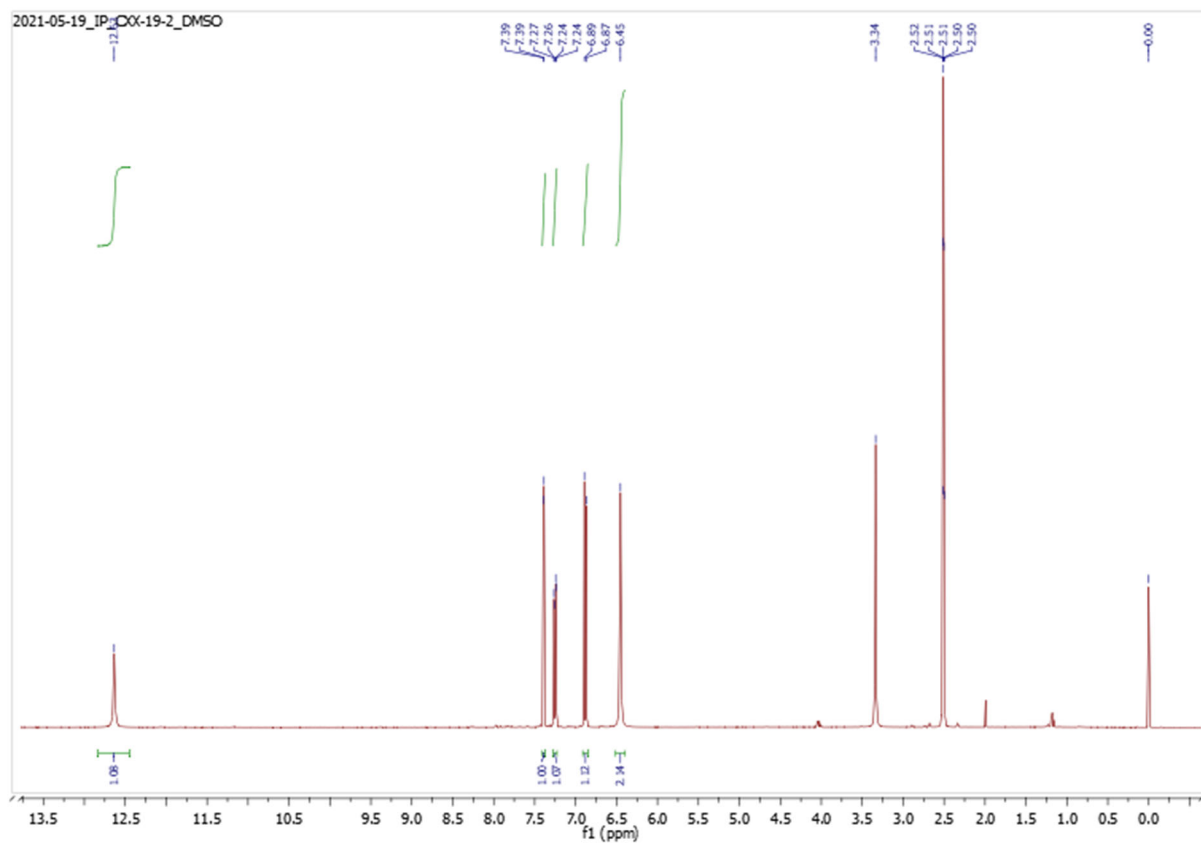
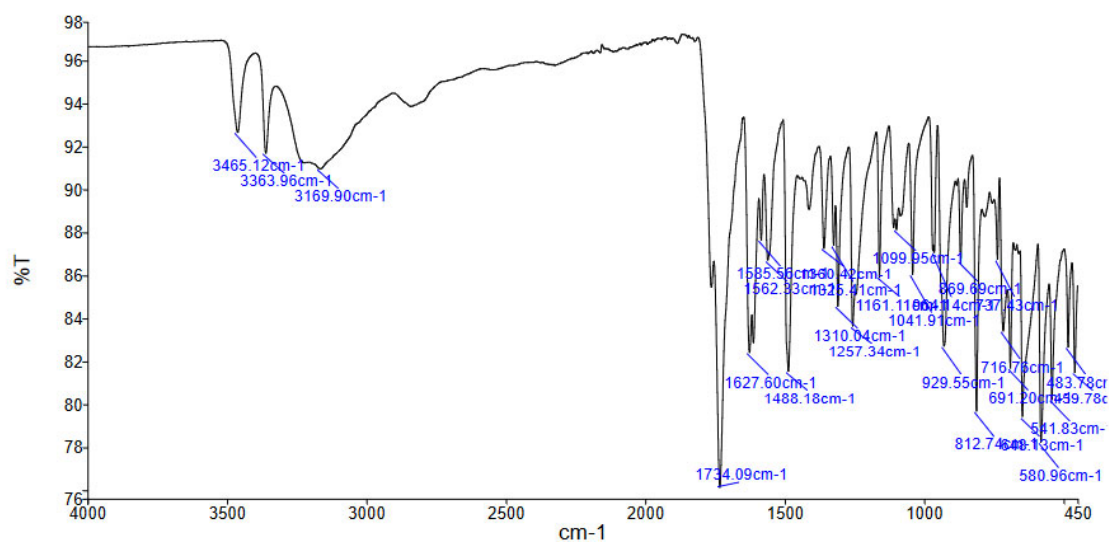
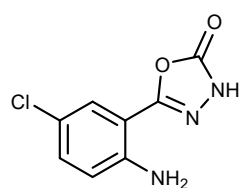


5a

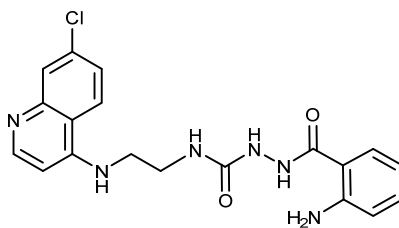




5d

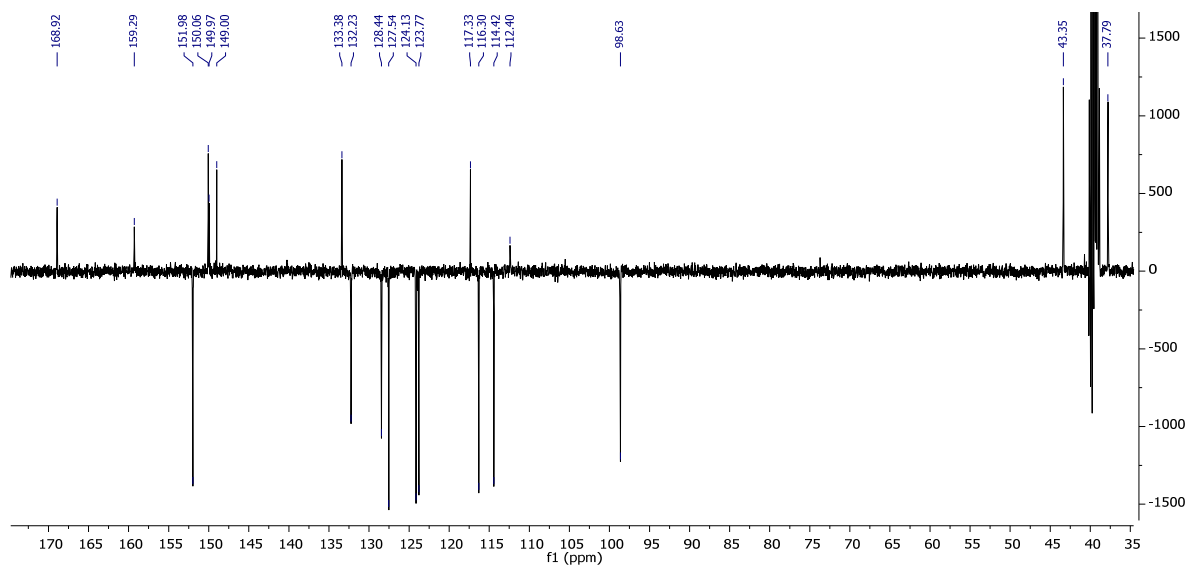
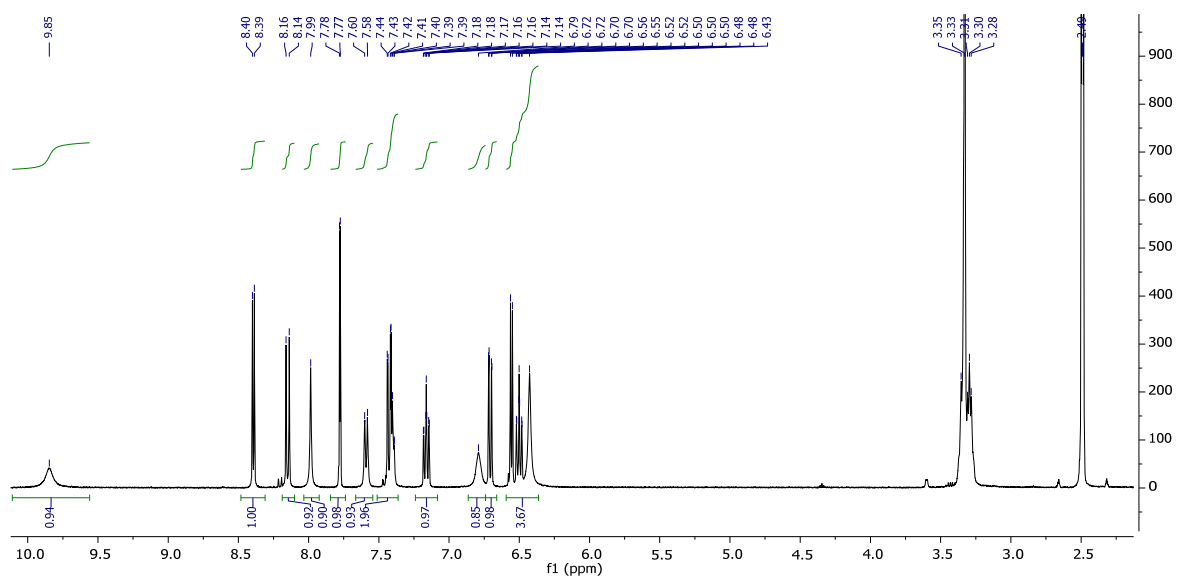
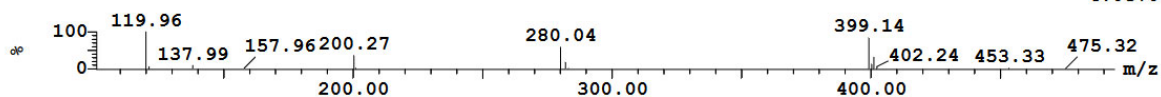


6

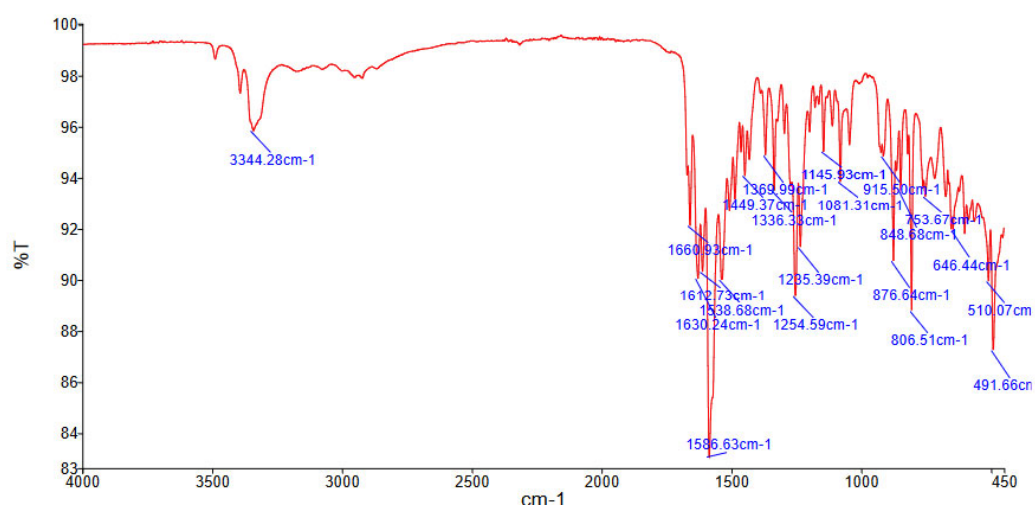
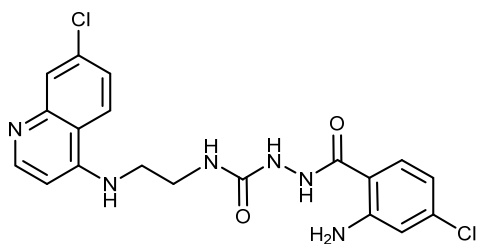


Peak ID Compound Time Mass Found  
1 0.61  
SAMPLE: 2:13 Combine (68:80-(50:55+93:98))

1:MS ES+  
4.0e+006

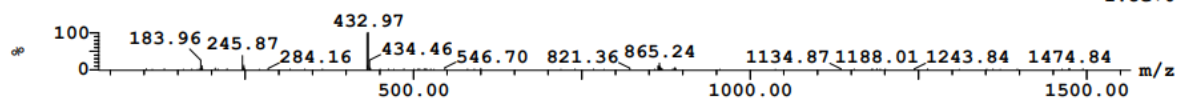


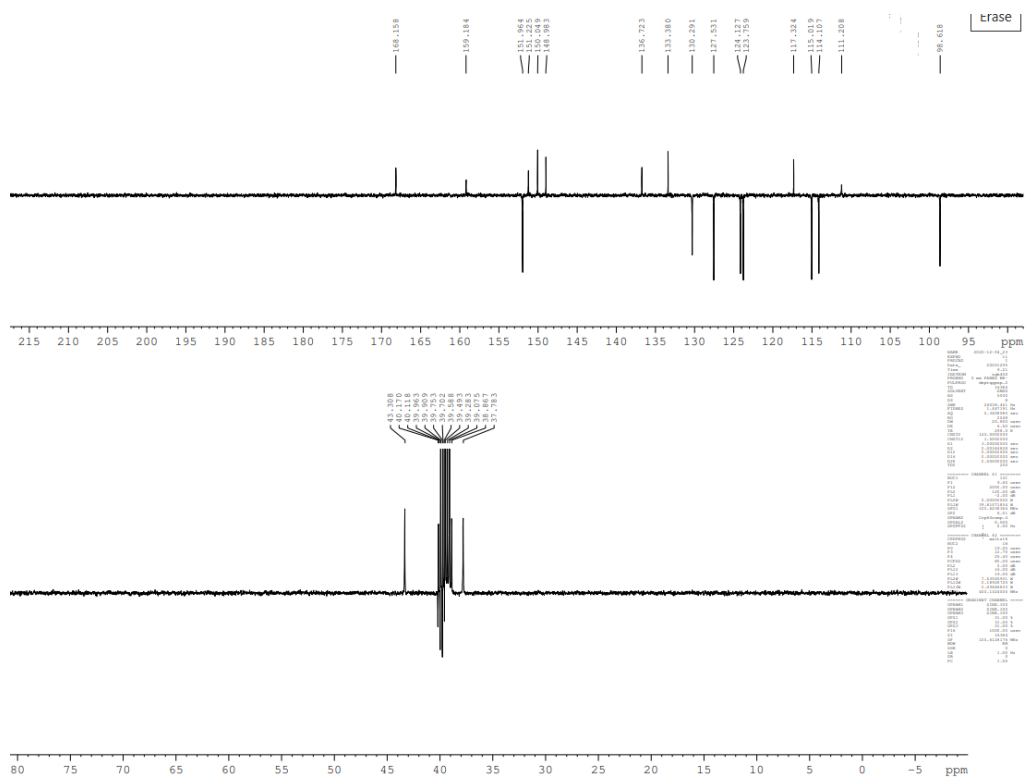
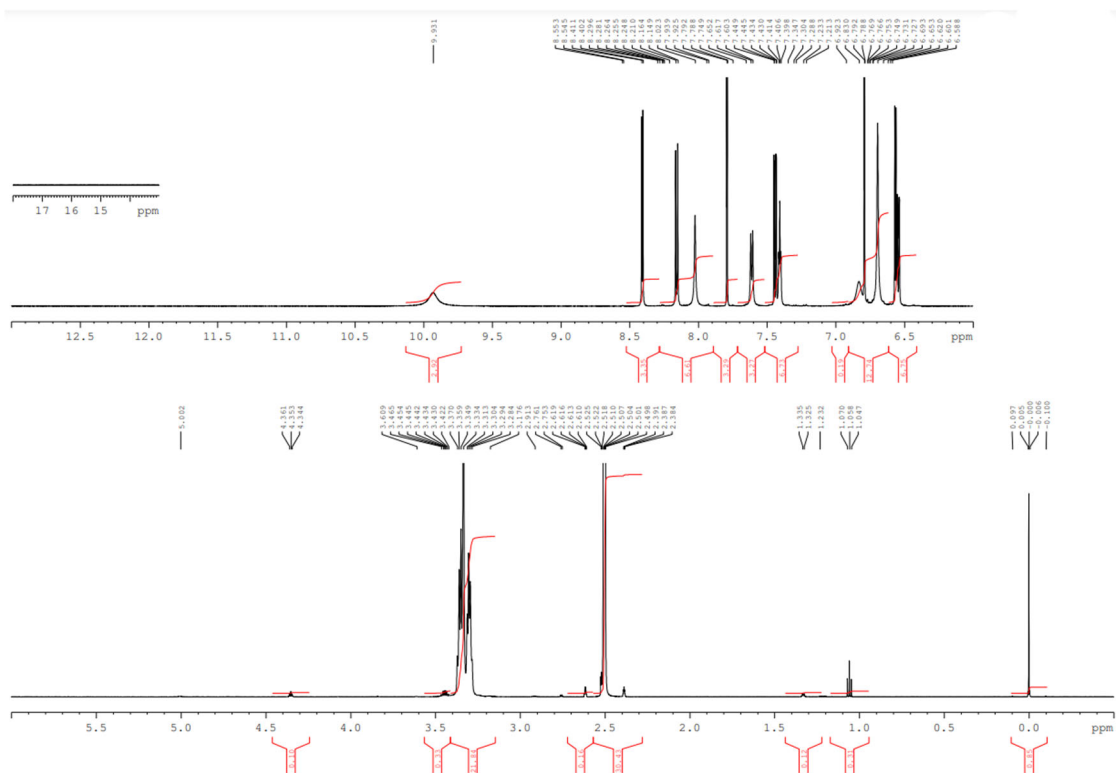
8



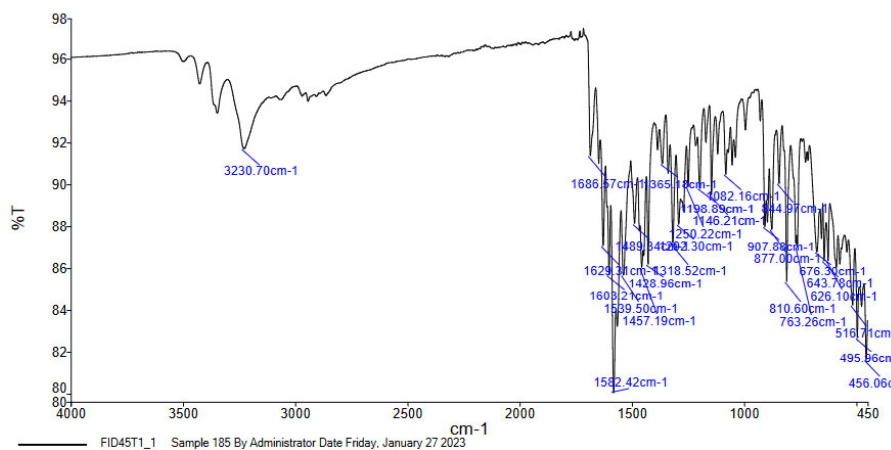
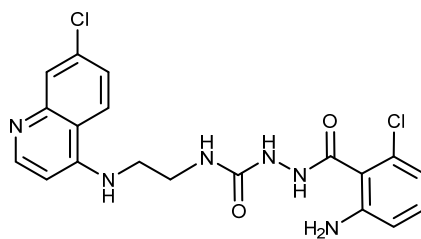
SAMPLE: 1:27 Combine (75:87-(57:62+100:105))

2:MS ES-  
1.8e+005





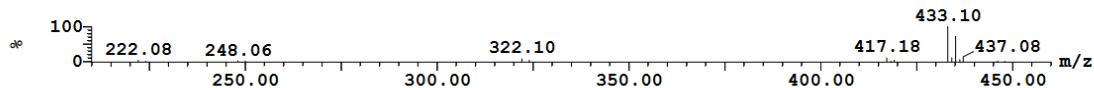
9

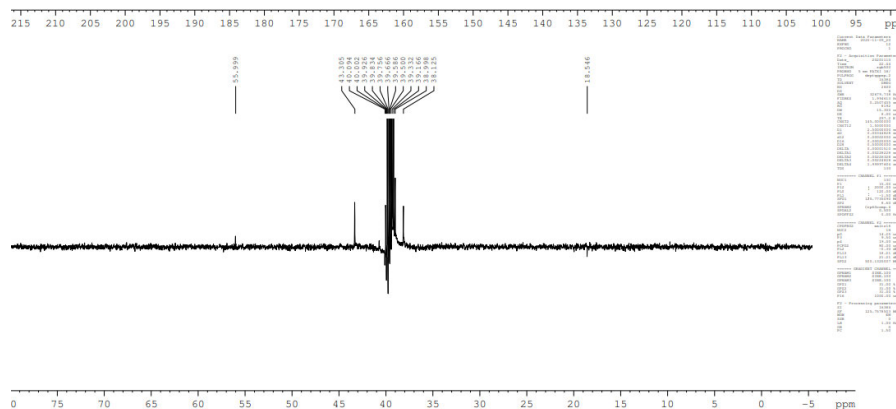
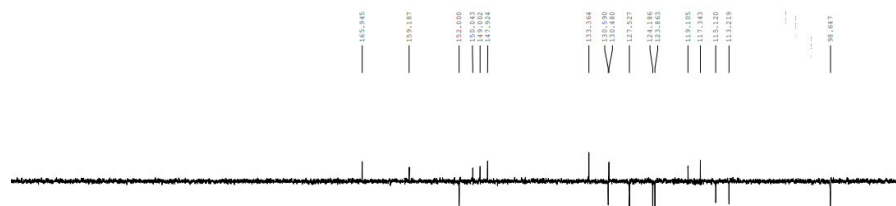
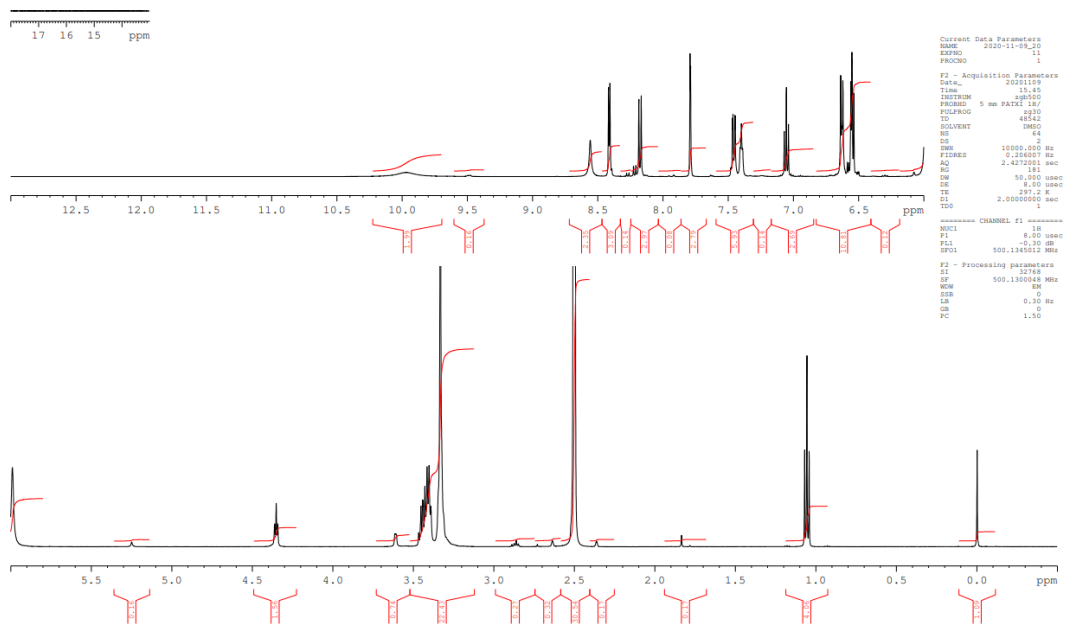


Peak ID	Compound	Time	Mass Found
3		0.69	

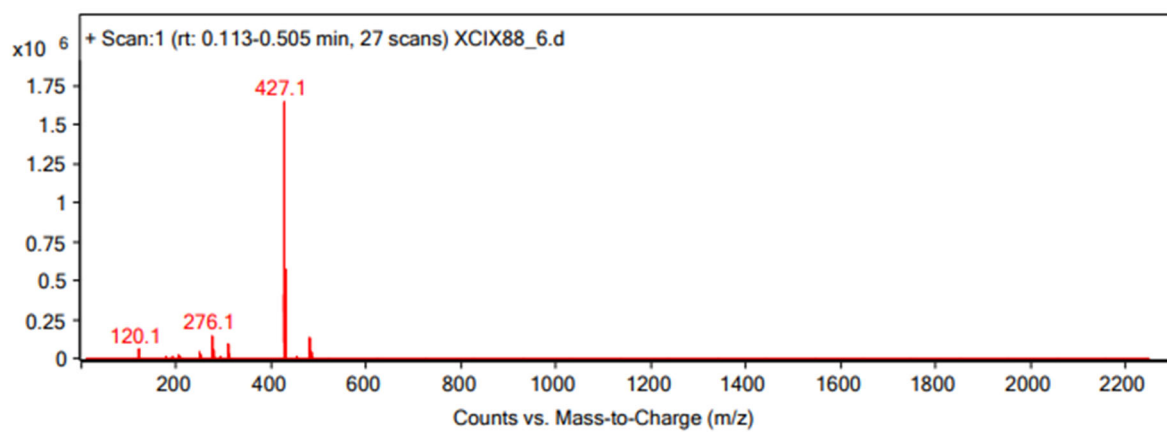
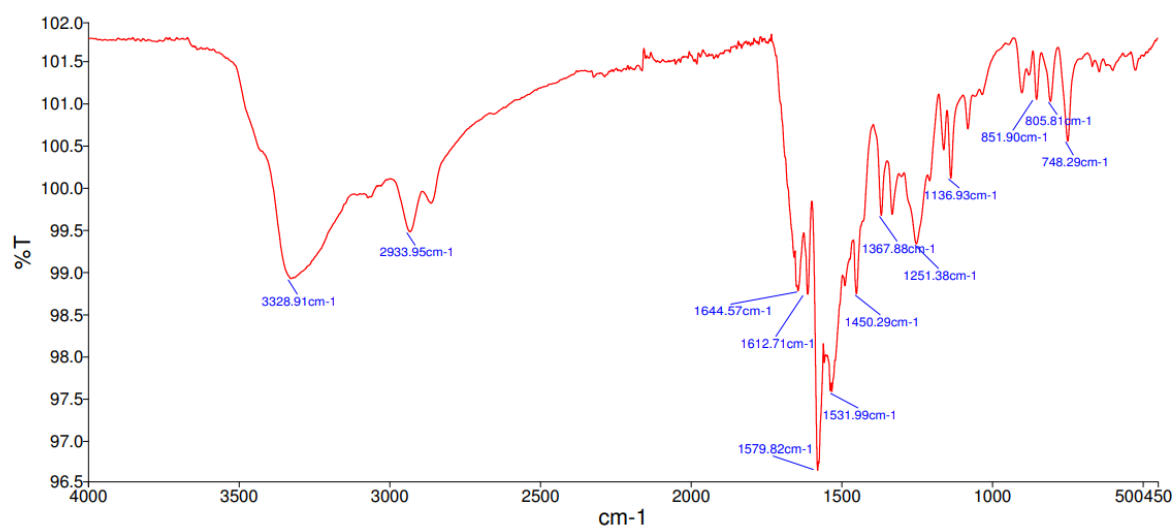
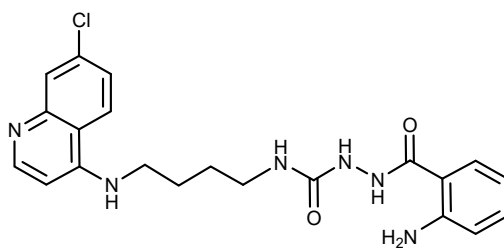
SAMPLE: 2:16 Combine (77:89-(59:64+102:107))

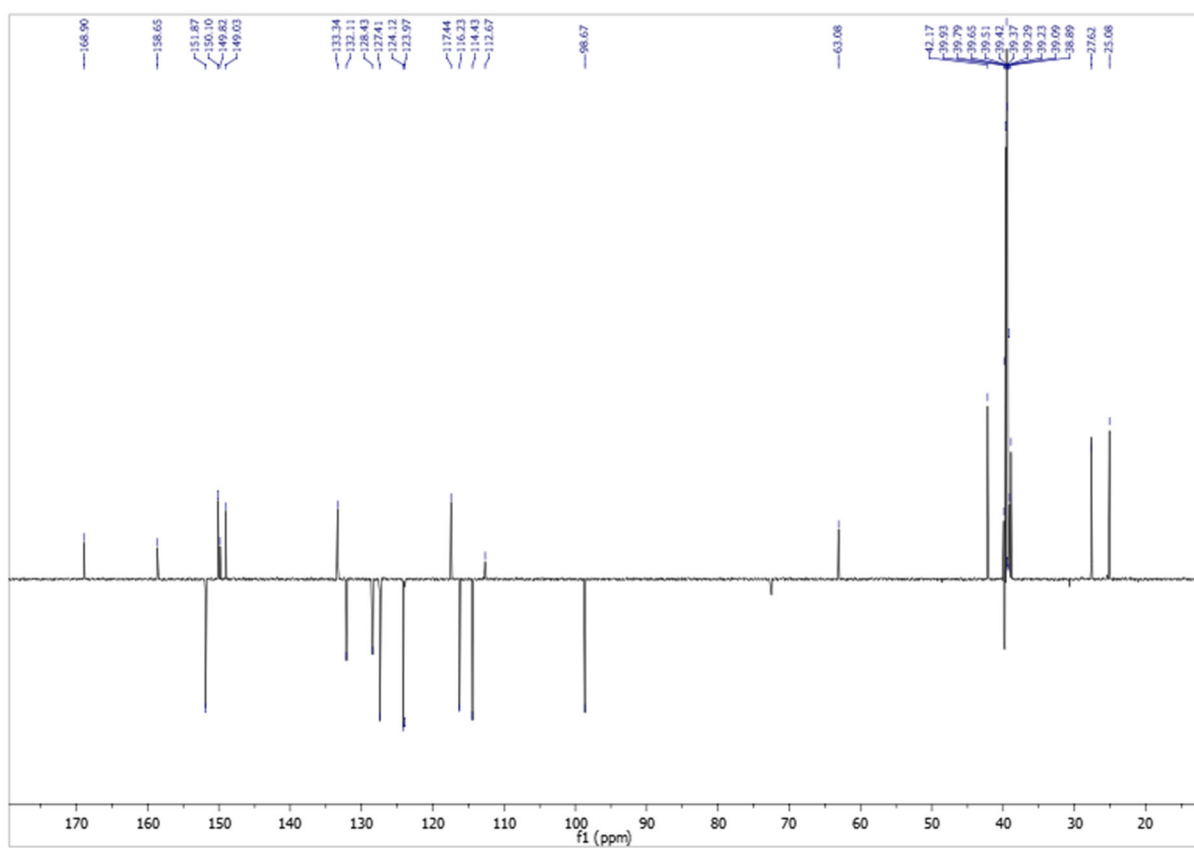
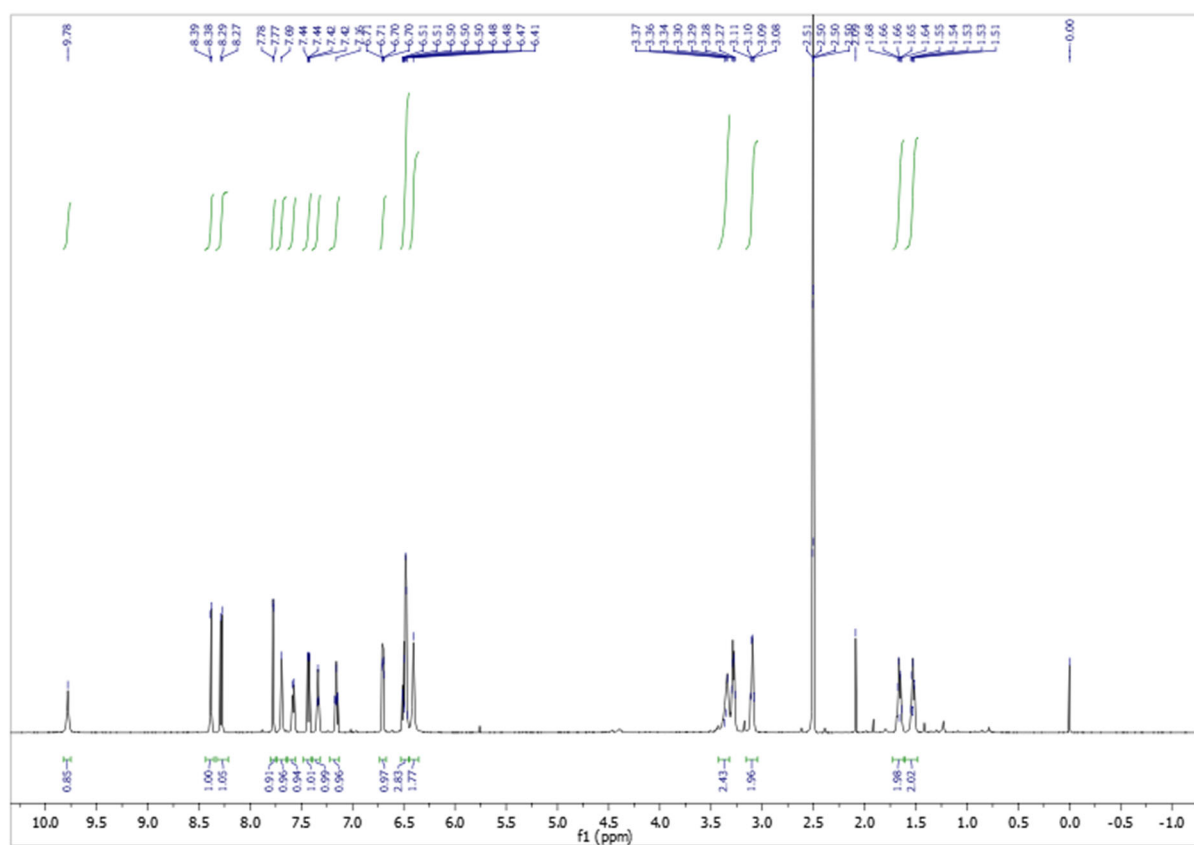
1:MS ES+  
1.8e+007





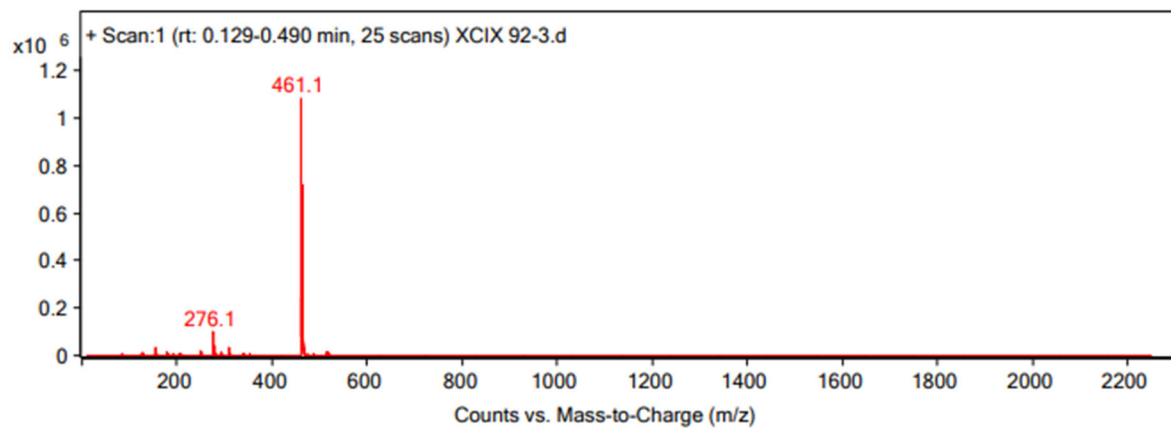
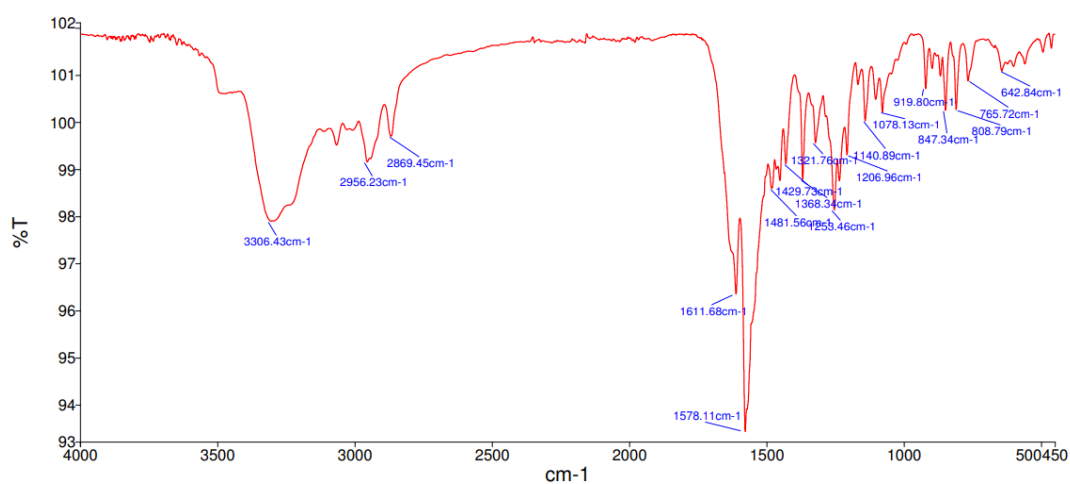
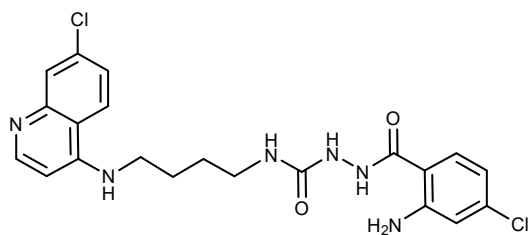
11

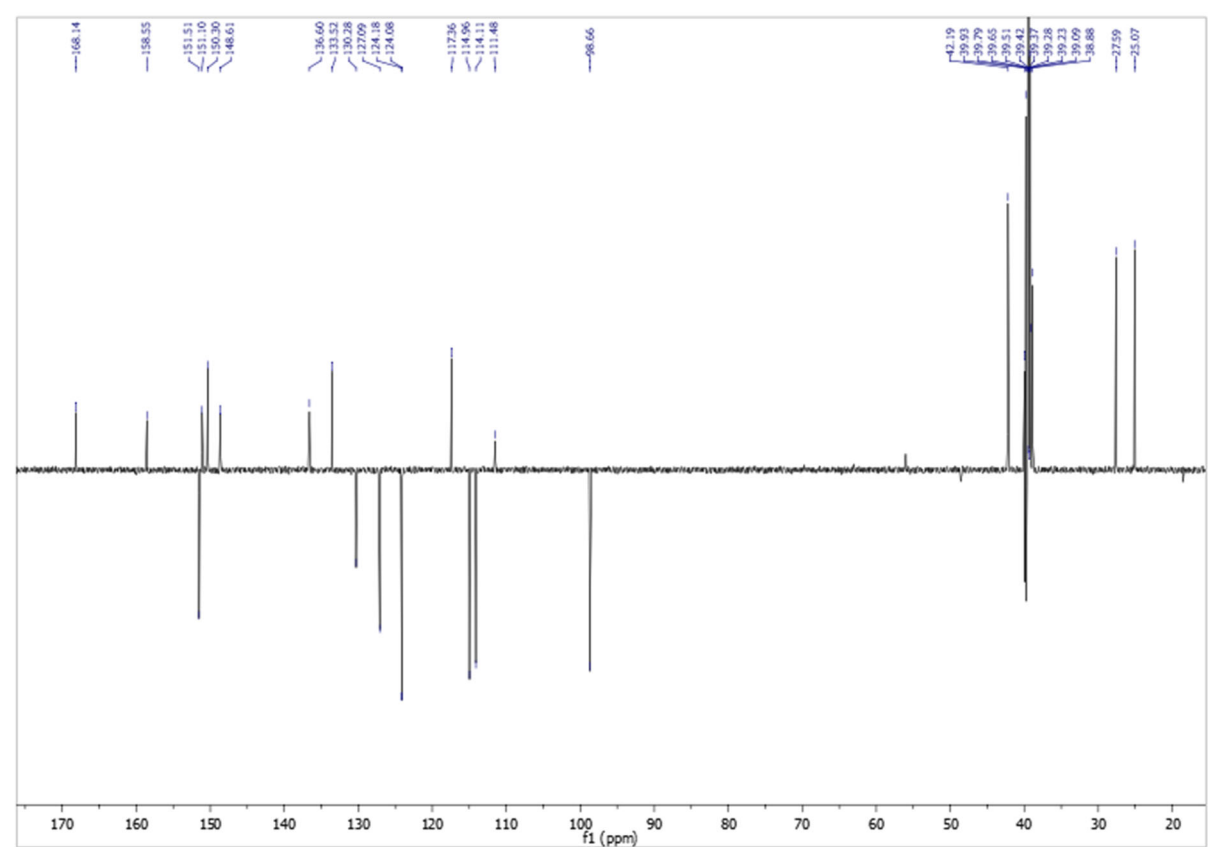
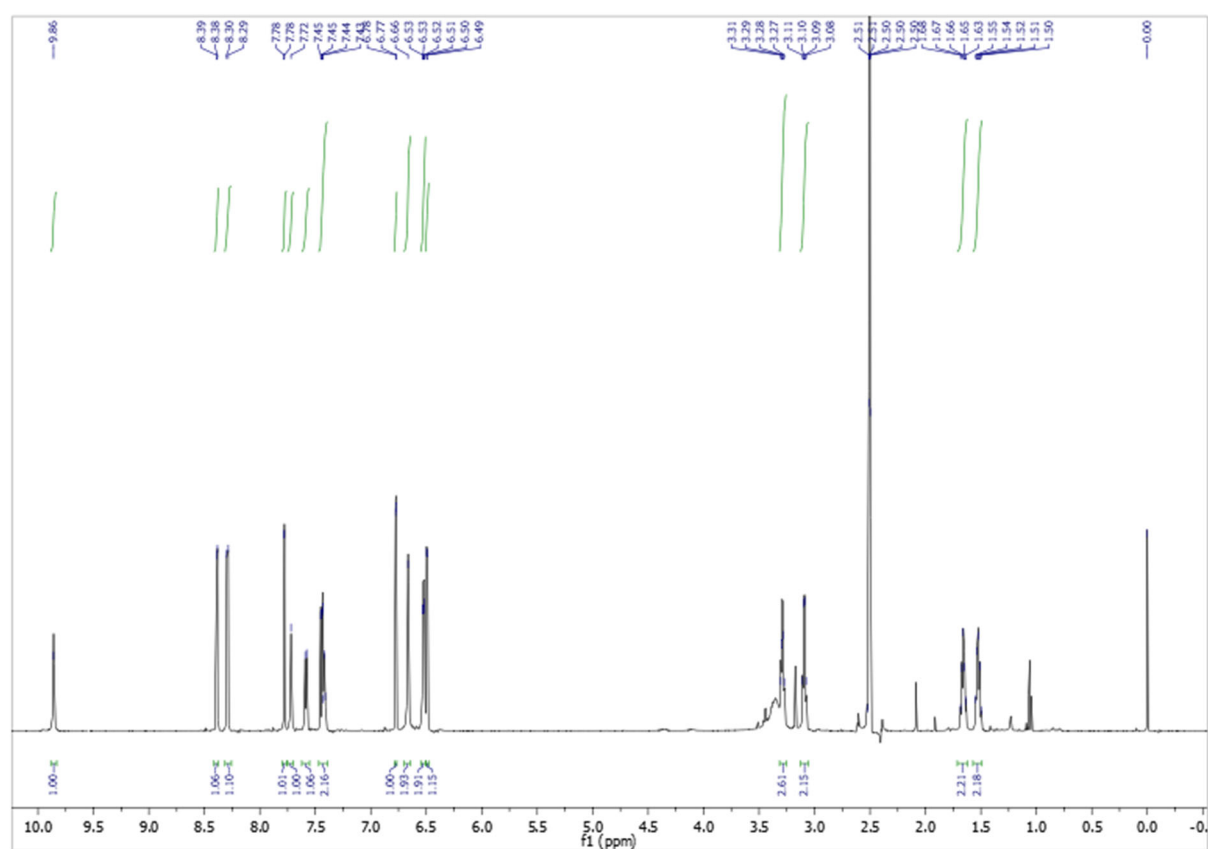




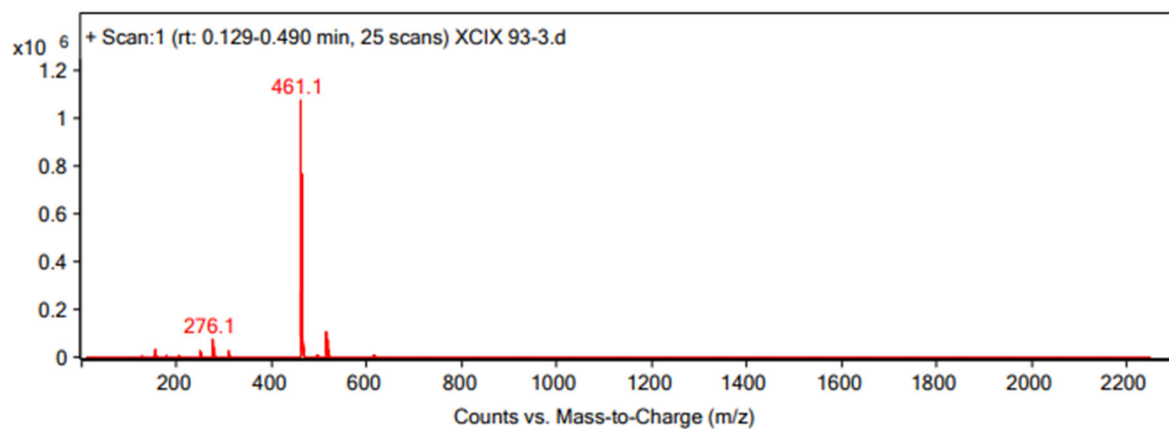
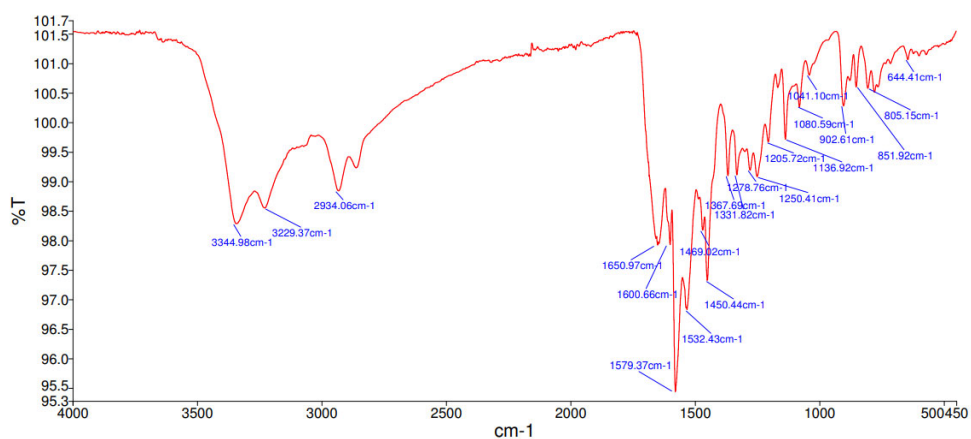
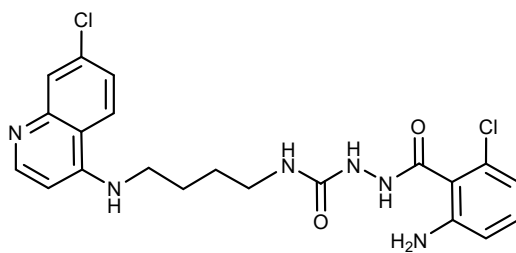


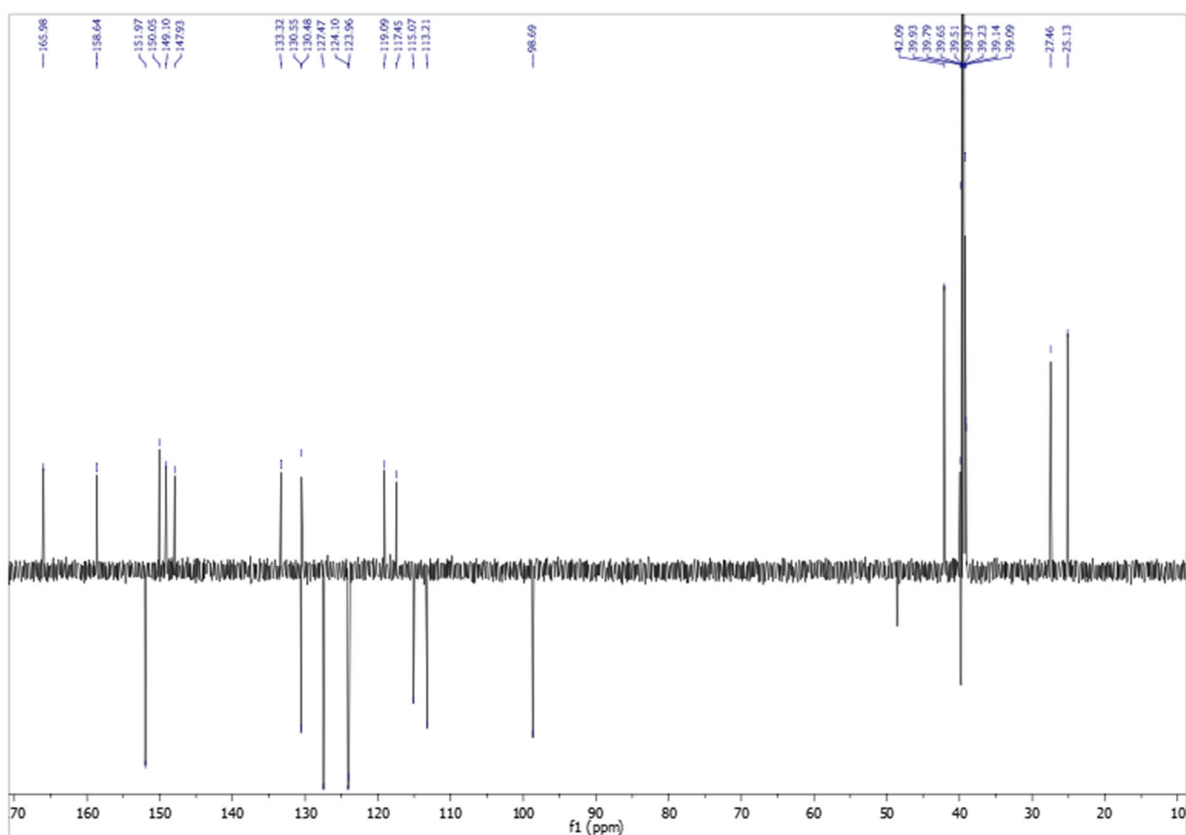
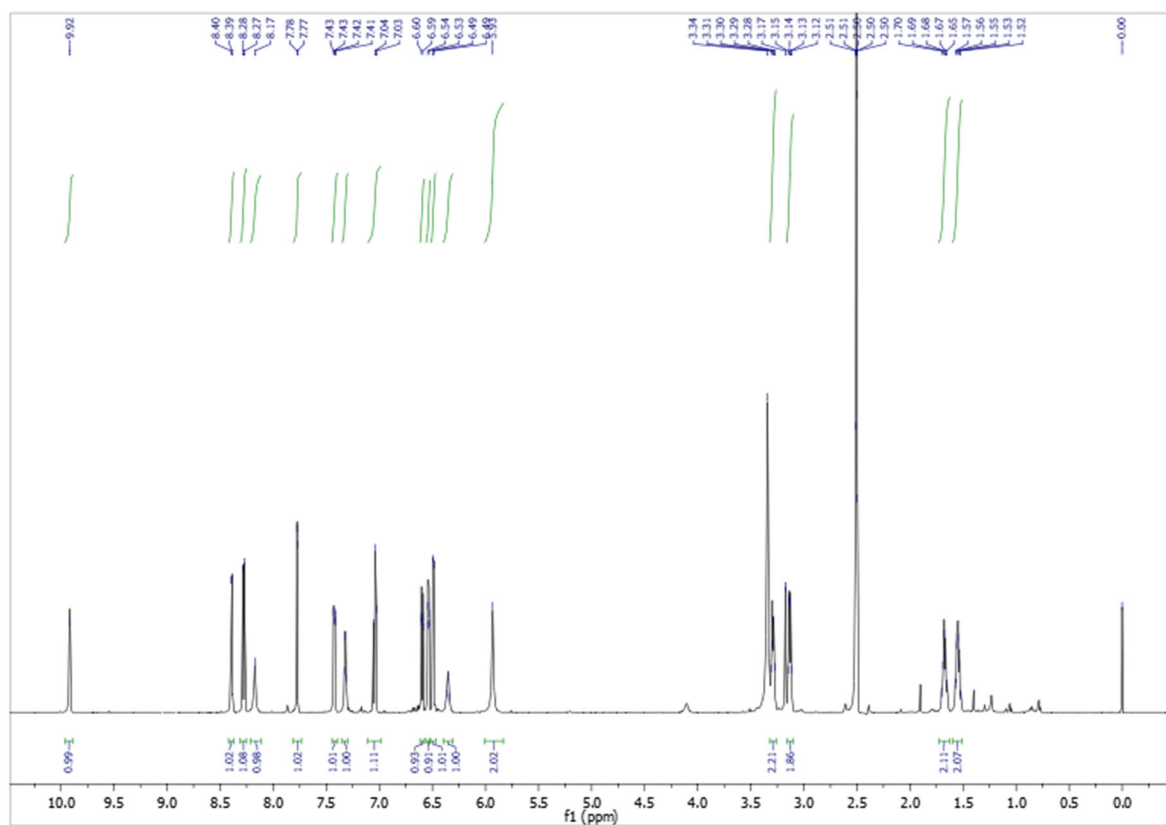
12



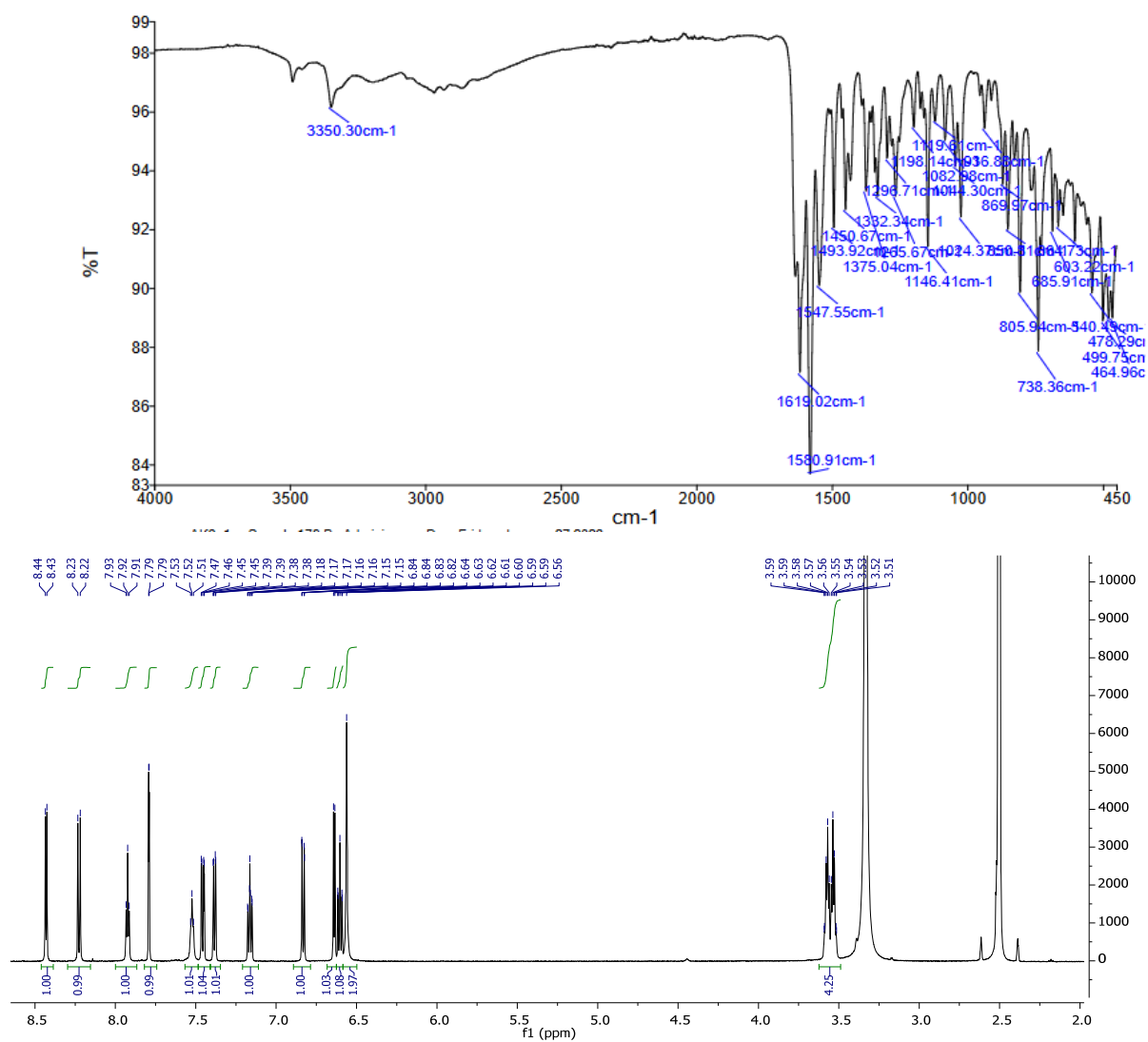
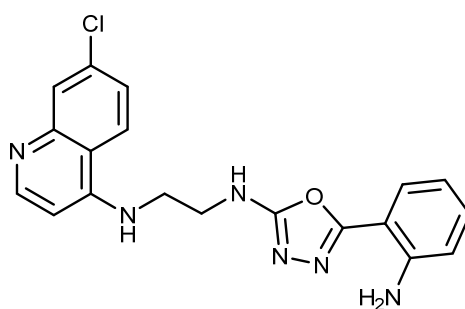


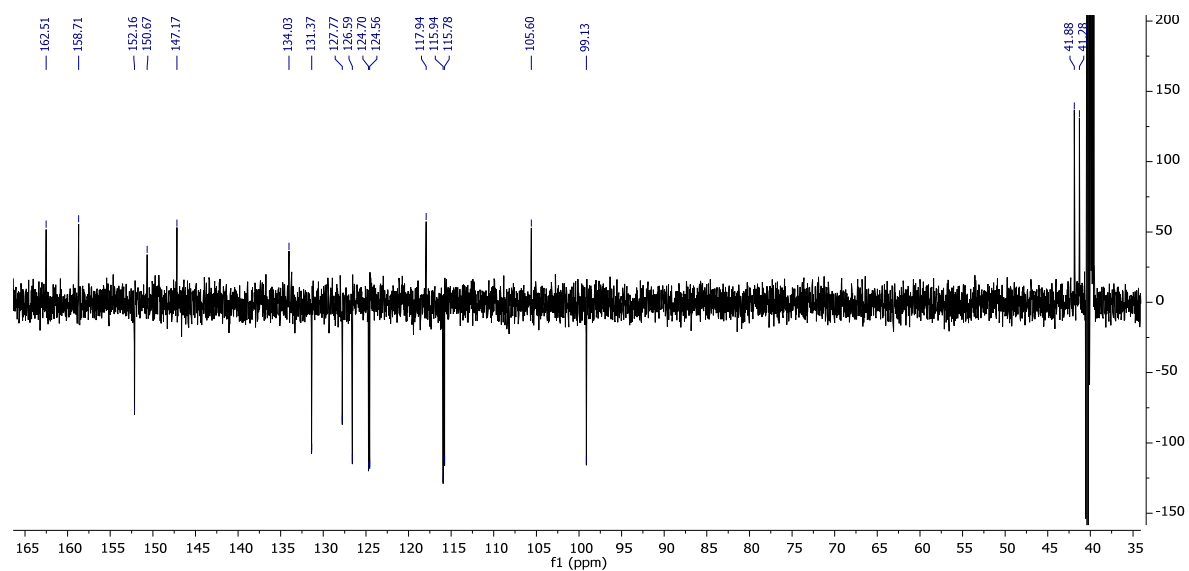
14





15





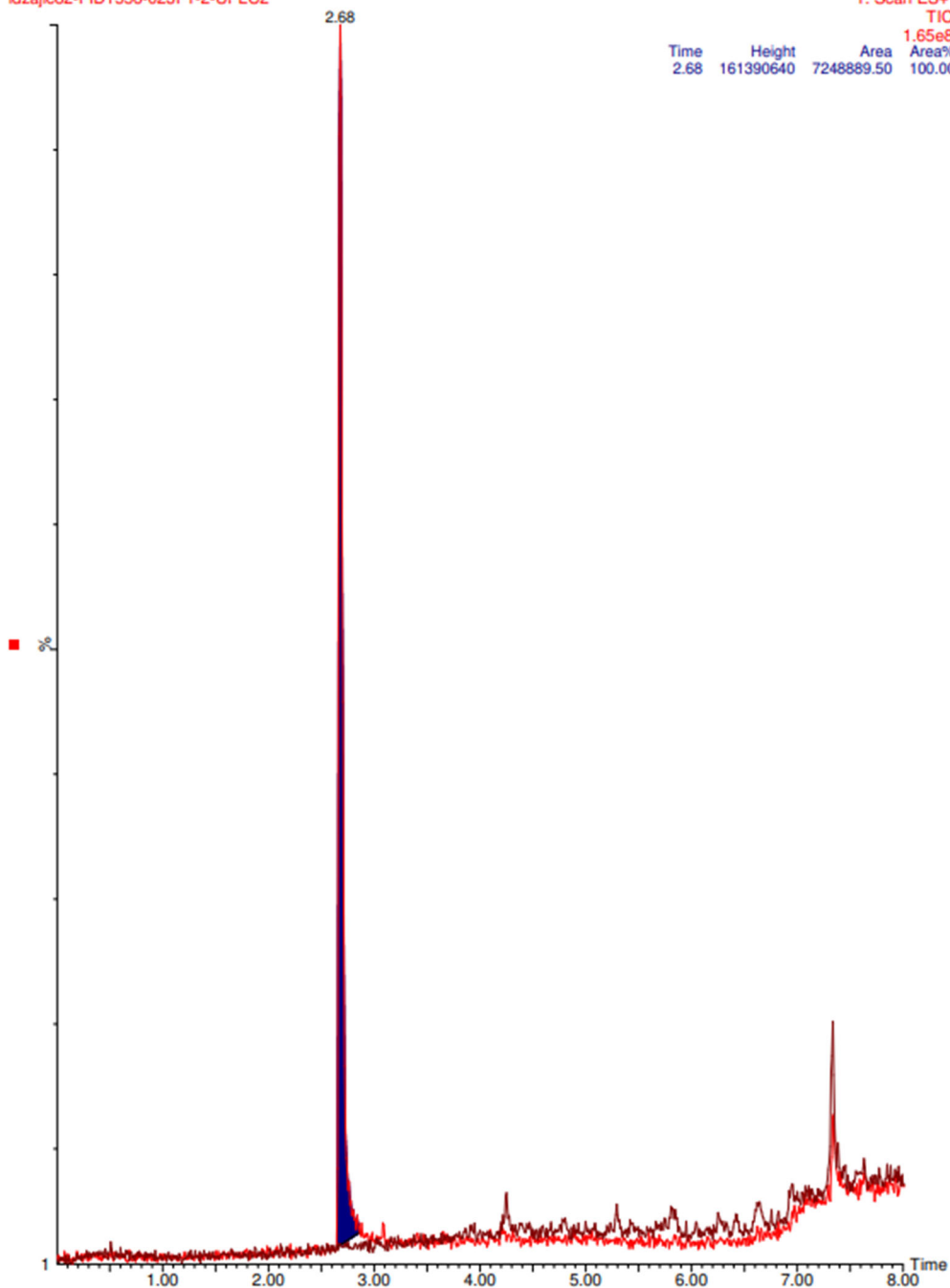
idzajic82-FID1556-023F1-2-UPLC2

1: Scan ES+

TIC

1.65e8

Time	Height	Area	Area%
2.68	161390640	7248889.50	100.0

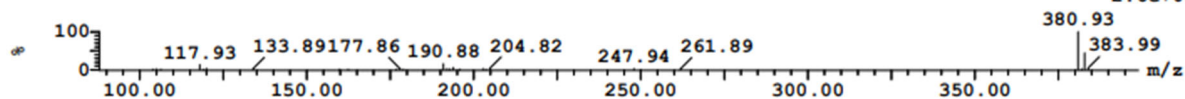


Peak ID	Compound	Time	Mass Found
3		2.68	

SAMPLE: 1:25 Combine (313:325-(295:300+338:343))

1:MS ES+

2.6e+007

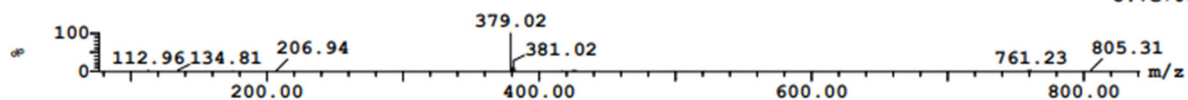


Peak ID	Compound	Time	Mass Found
3		2.68	

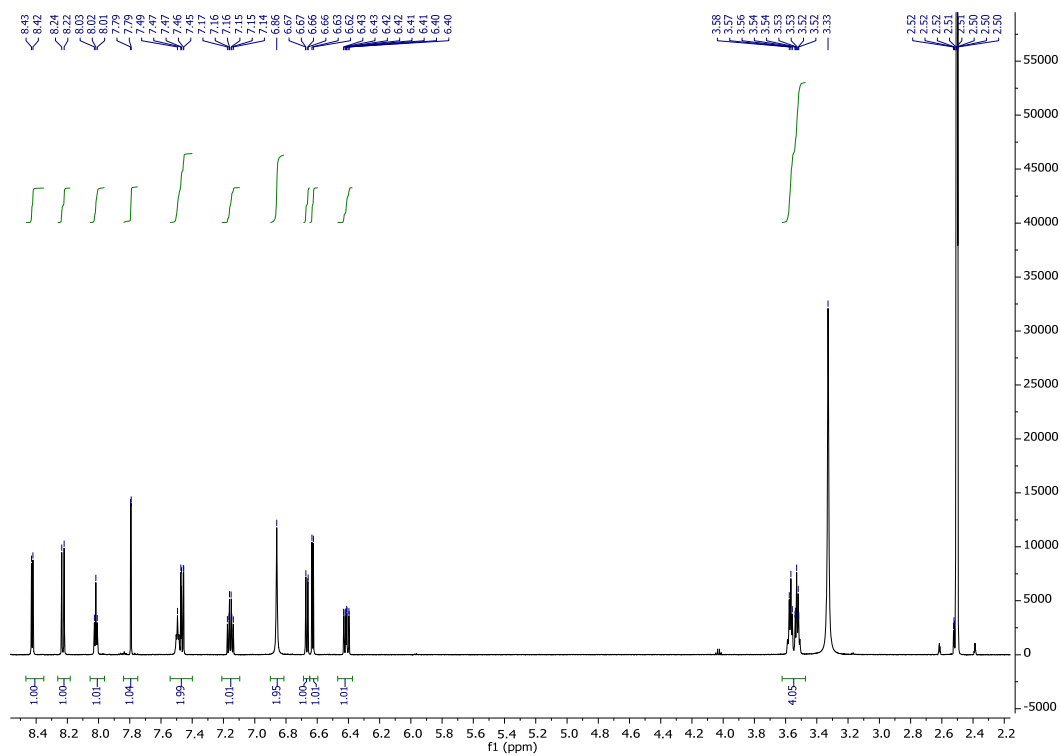
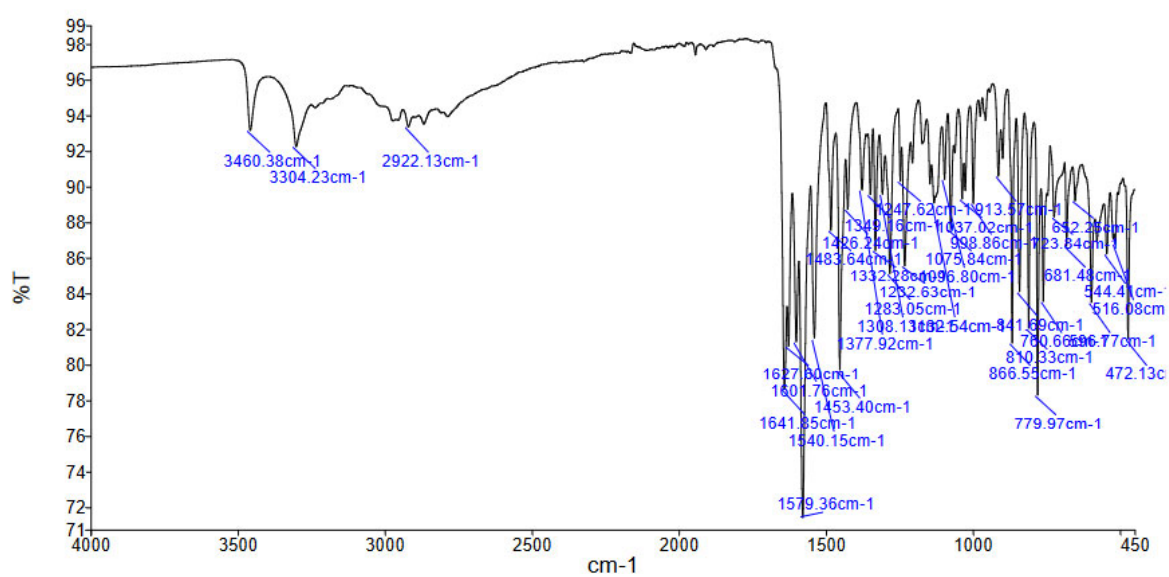
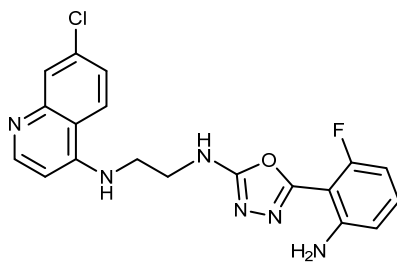
SAMPLE: 1:25 Combine (313:325-(295:300+338:343))

2:MS ES-

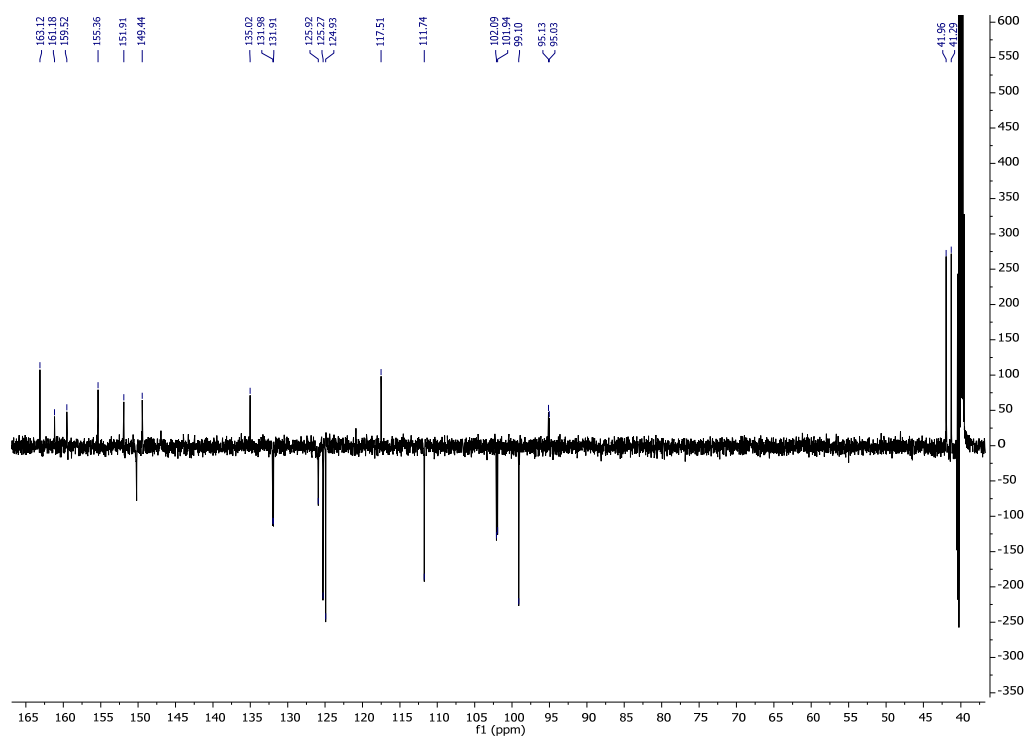
8.7e+005



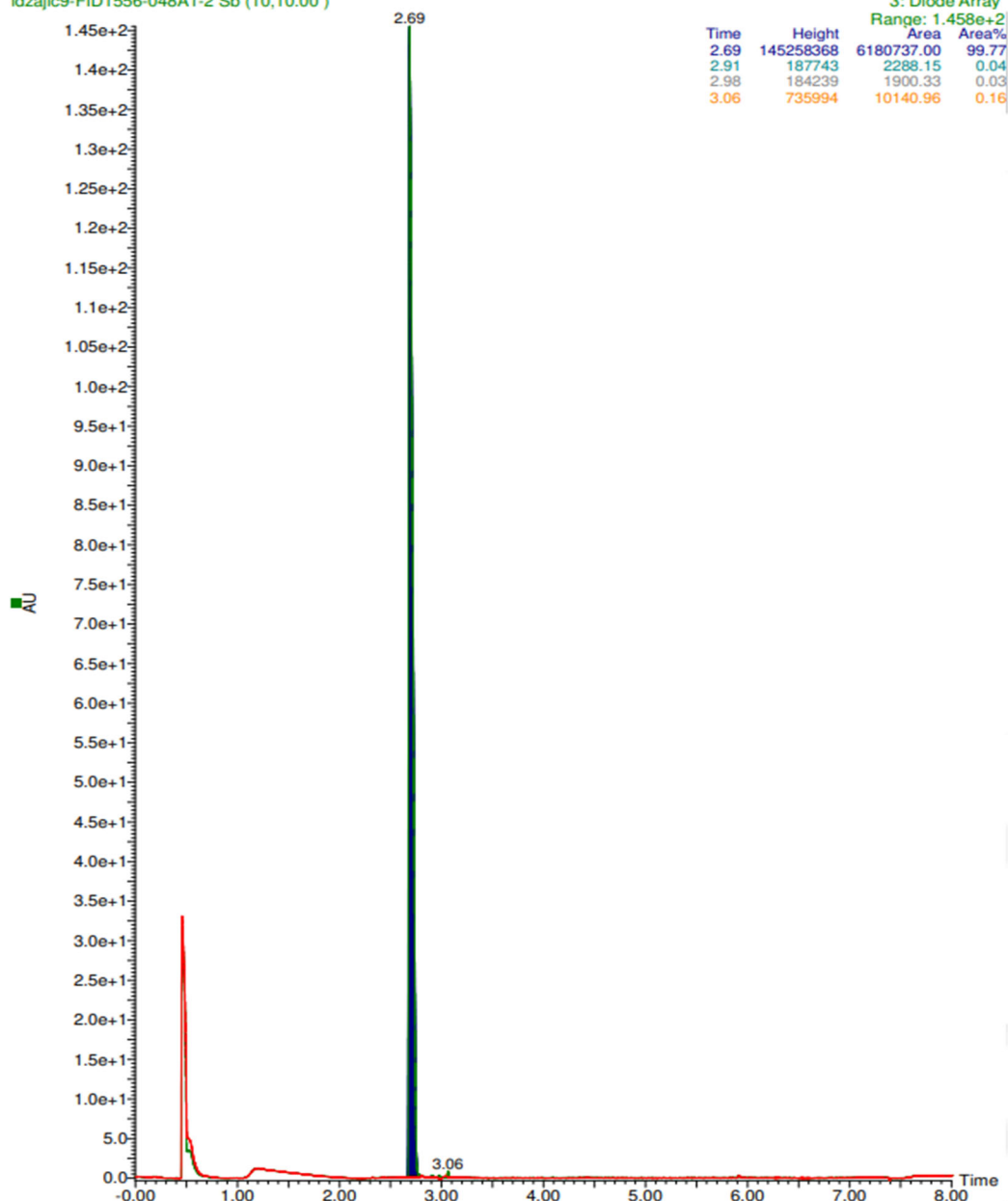
16







idzajic9-FID1556-048A1-2 Sb (10,10.00)

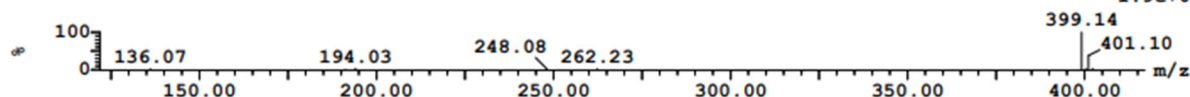


Peak ID Compound Time Mass Found

3 2.71

SAMPLE: 2:20 Combine (317:329-(299:304+342:347))

1:MS ES+  
1.9e+007

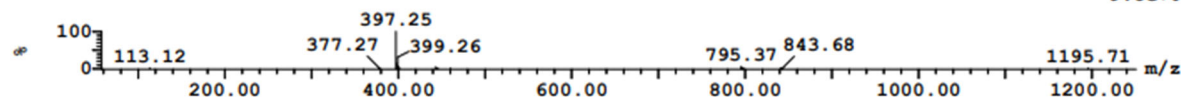


Peak ID Compound Time Mass Found

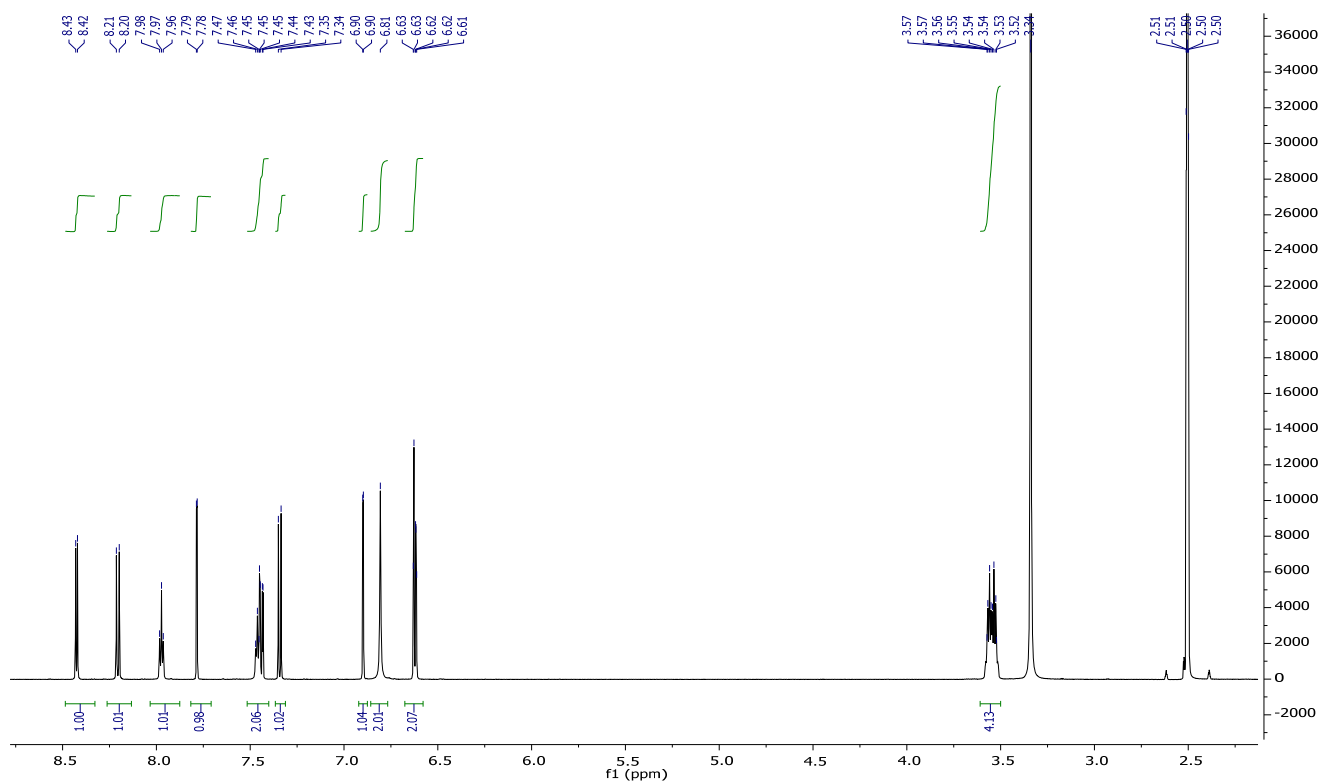
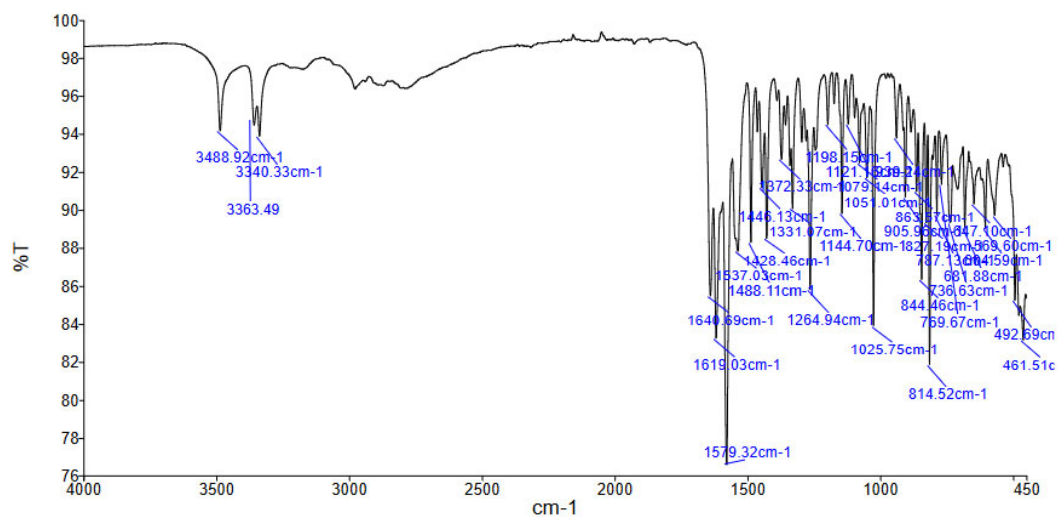
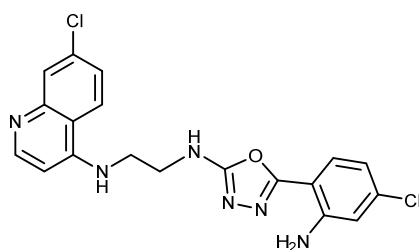
3 2.71

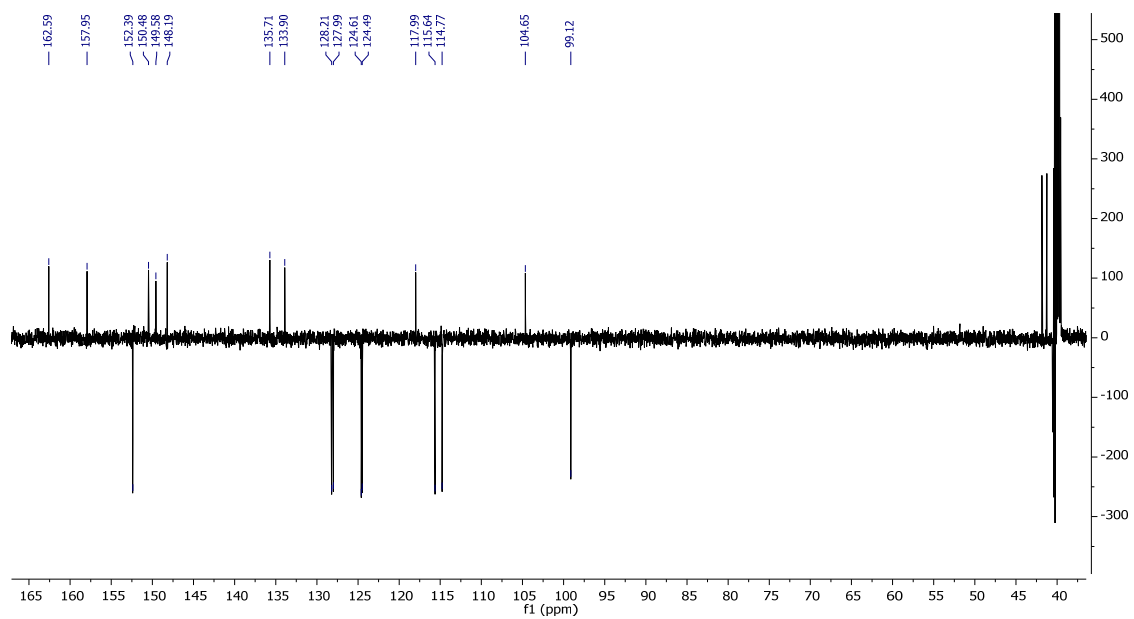
SAMPLE: 2:20 Combine (317:329-(299:304+342:347))

2:MS ES-  
9.8e+005



17

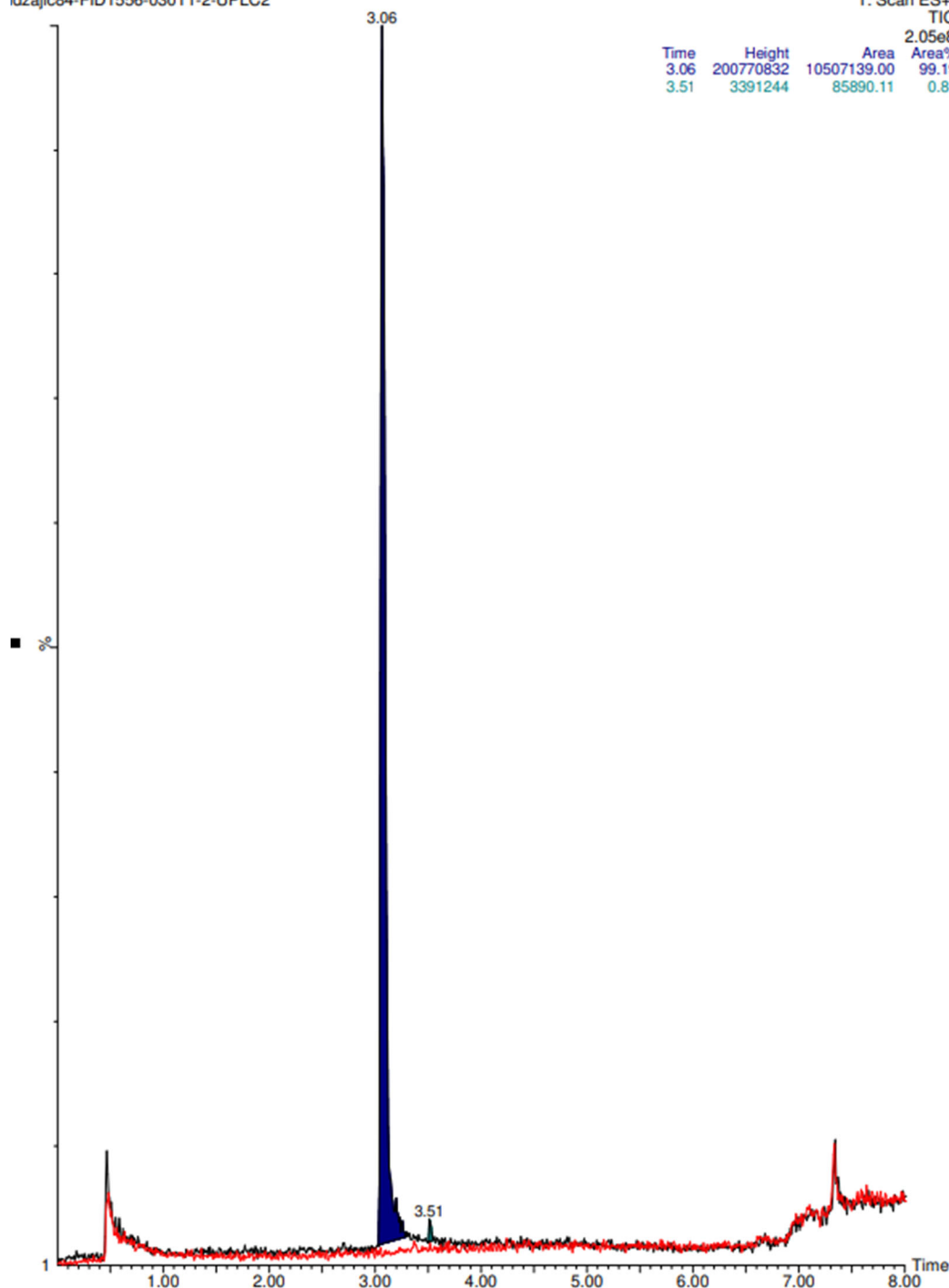




ldzajic84-FID1556-030T1-2-UPLC2

1: Scan ES+  
TIC

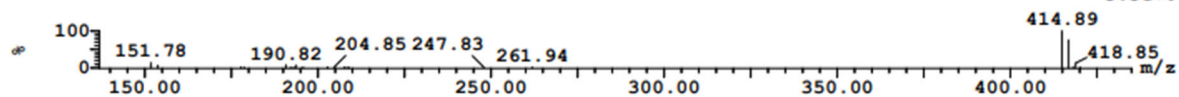
Time	Height	Area	Area%
3.06	200770832	10507139.00	99.19
3.51	3391244	85890.11	0.81



Peak ID	Compound	Time	Mass Found
3		3.07	

SAMPLE: 1:9 Combine (360:372-(342:347+385:390))

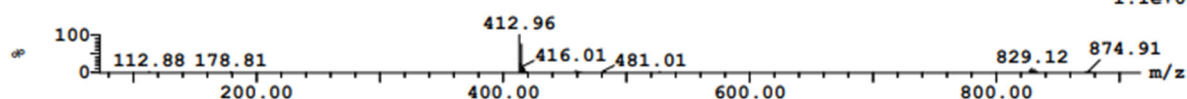
1: MS ES+  
3.3e+007



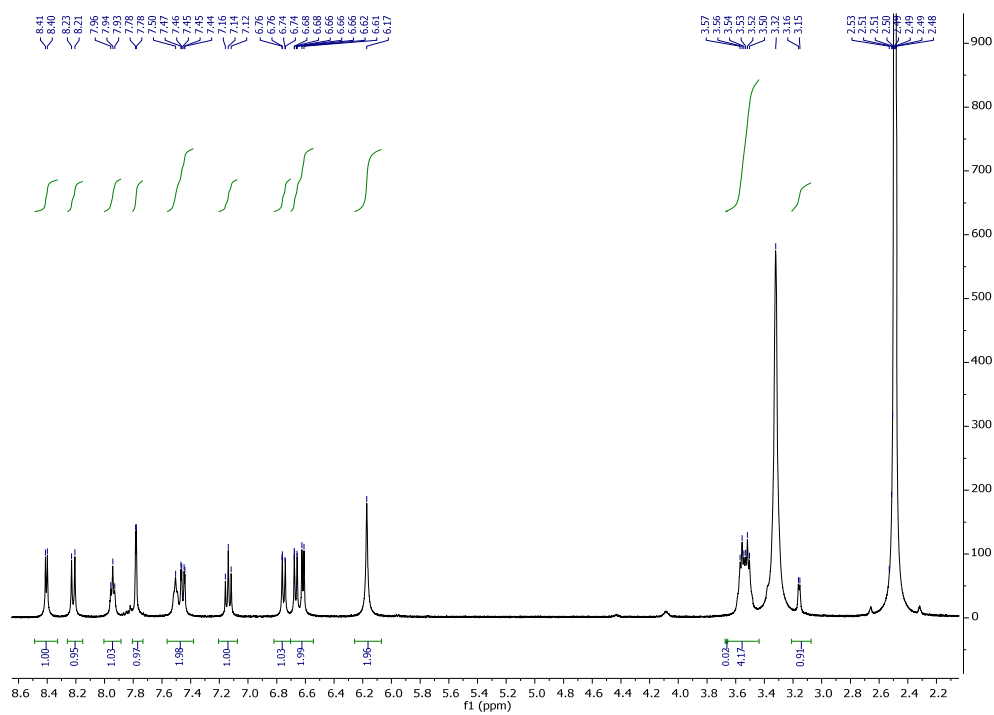
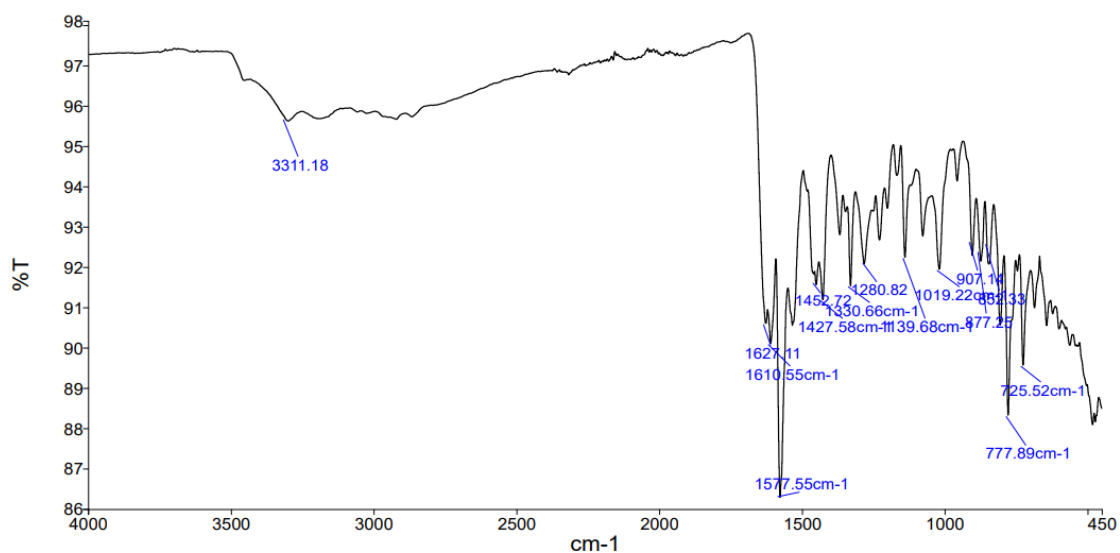
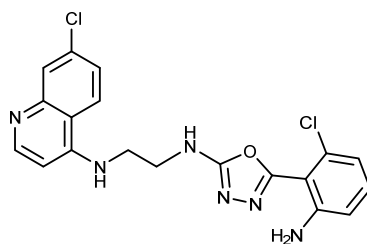
Peak ID	Compound	Time	Mass Found
3		3.07	

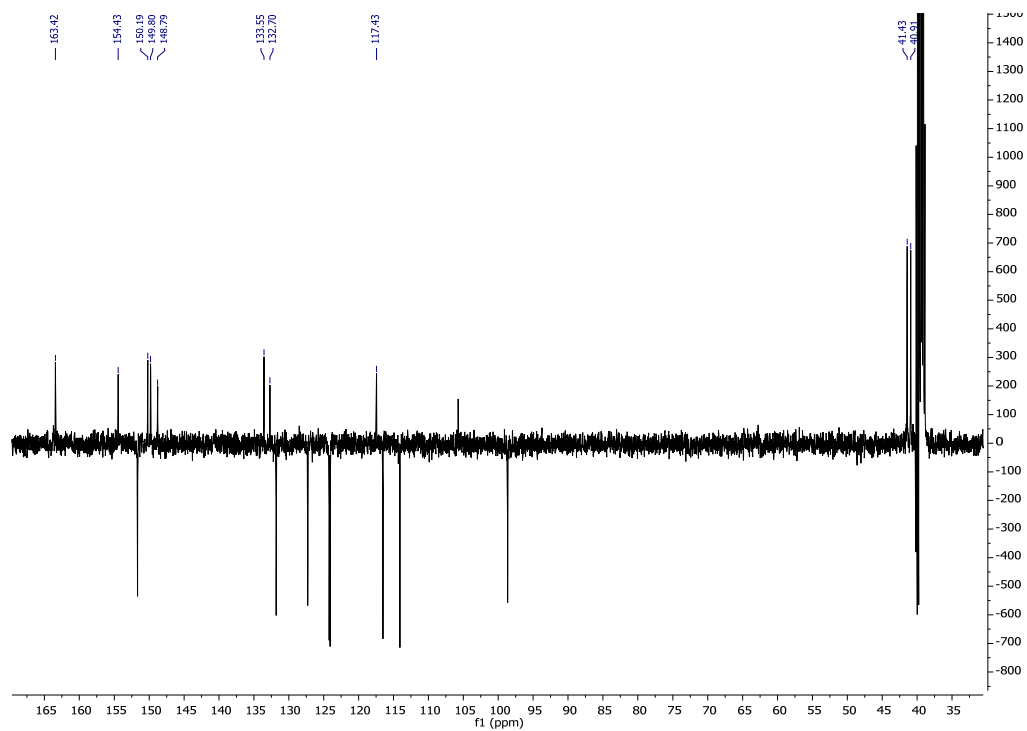
SAMPLE: 1:9 Combine (359:371-(341:346+384:389))

2: MS ES-  
1.1e+006

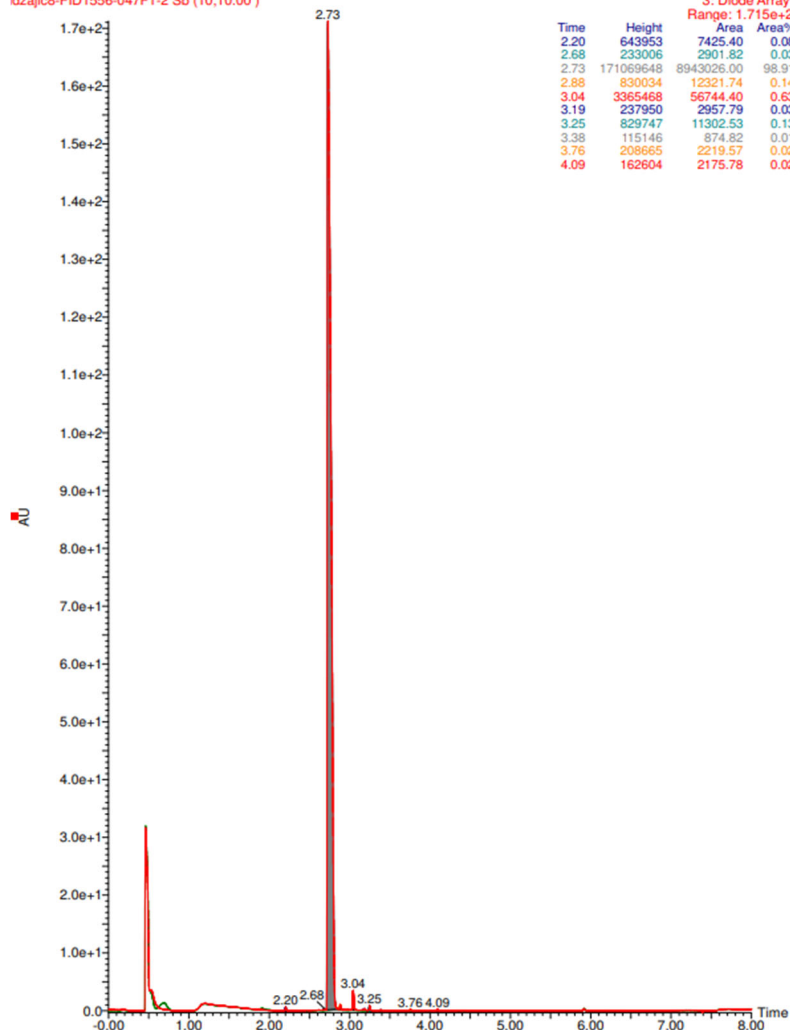


18





ldzajic8-FID1556-047F1-2 Sb (10,10.00)



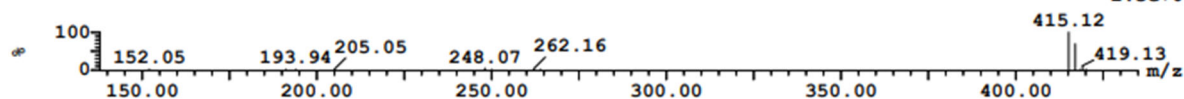
3: Diode Array  
Range: 1.715e+2

Time	Height	Area	Area%
2.20	643953	7425.40	0.08
2.68	233006	2901.82	0.03
2.73	171069648	8943026.00	98.91
2.88	830034	12321.74	0.14
3.04	3365468	56744.40	0.63
3.19	237950	2957.79	0.03
3.25	829747	11302.53	0.13
3.38	115146	874.82	0.01
3.76	208665	2219.57	0.02
4.09	162604	2175.78	0.02

Peak ID Compound Time Mass Found  
3 2.75

SAMPLE: 2:16 Combine (322:334-(304:309+347:352))

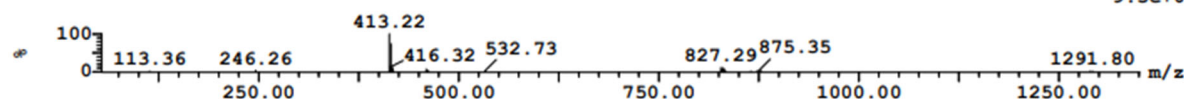
1:MS ES+  
2.3e+007



Peak ID Compound Time Mass Found  
3 2.75

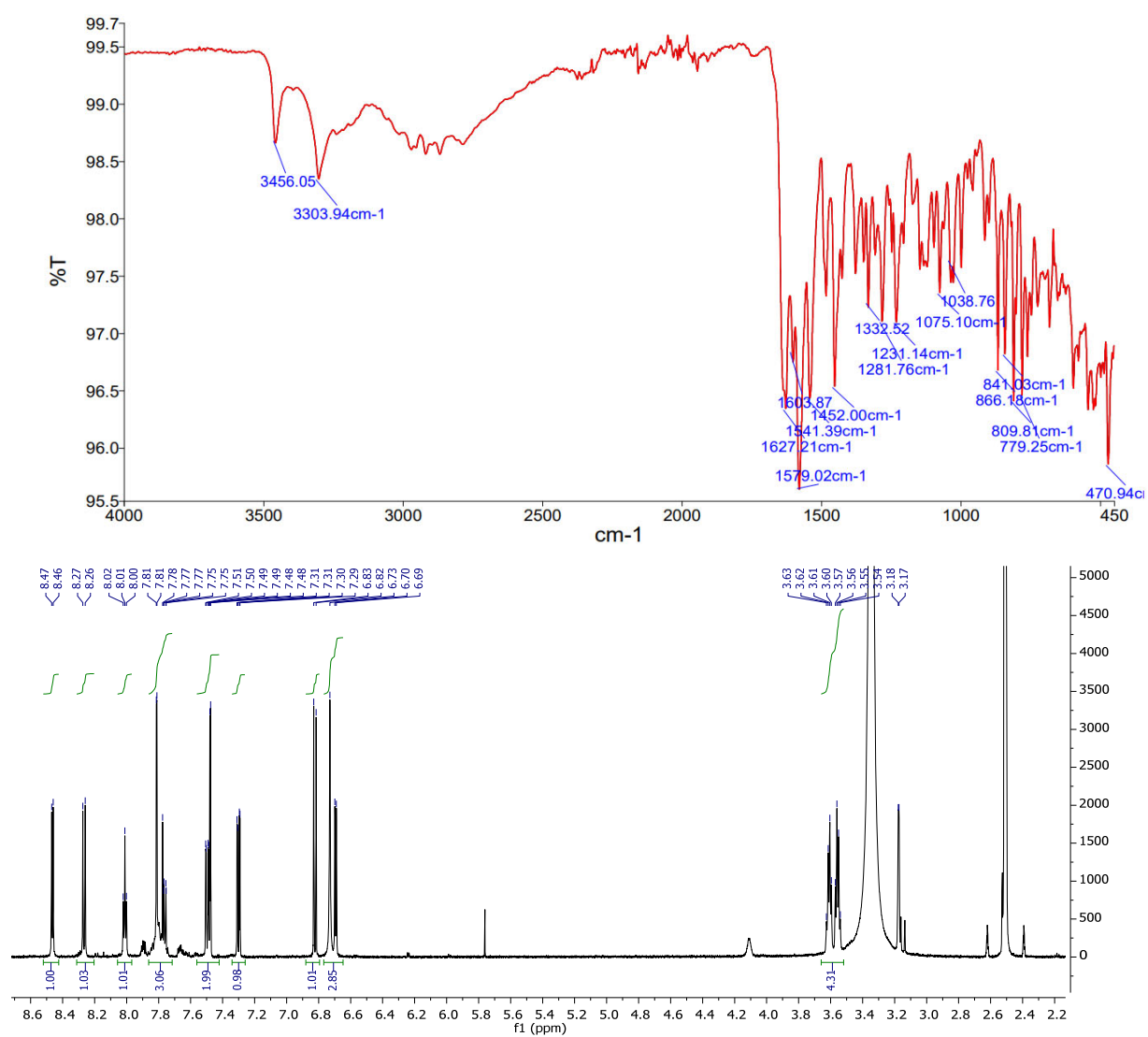
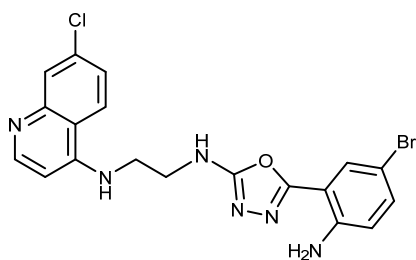
SAMPLE: 2:16 Combine (324:336-(306:311+349:354))

2:MS ES-  
9.5e+005

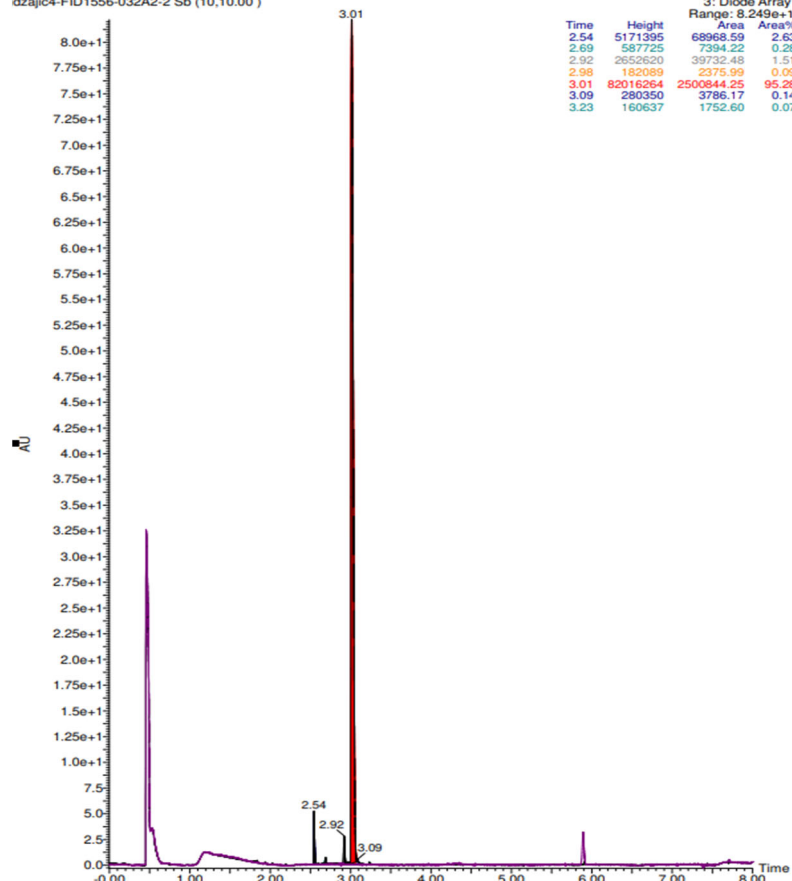




19

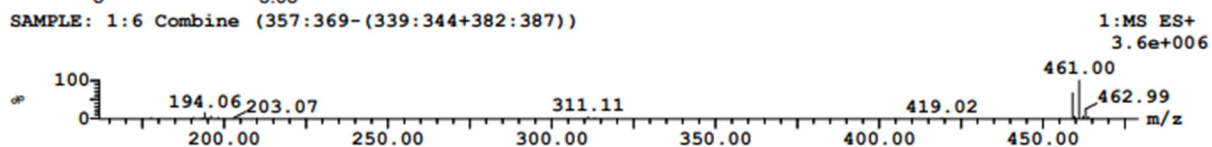


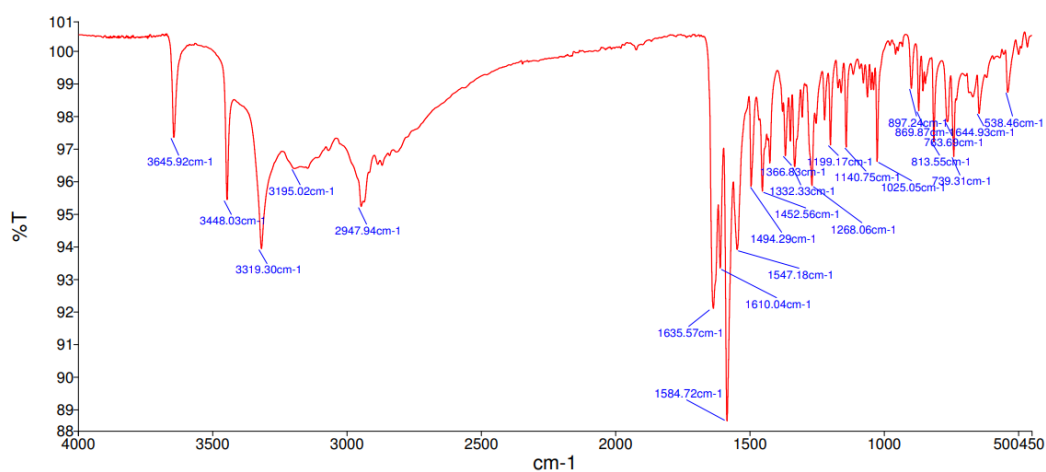
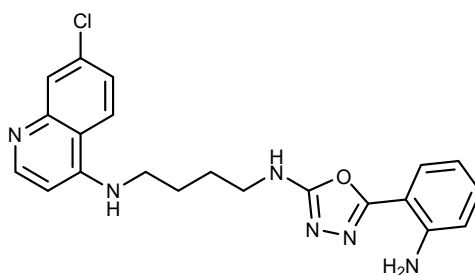
dzajic4-FID1556-032A2-2 Sb (10,10.00)



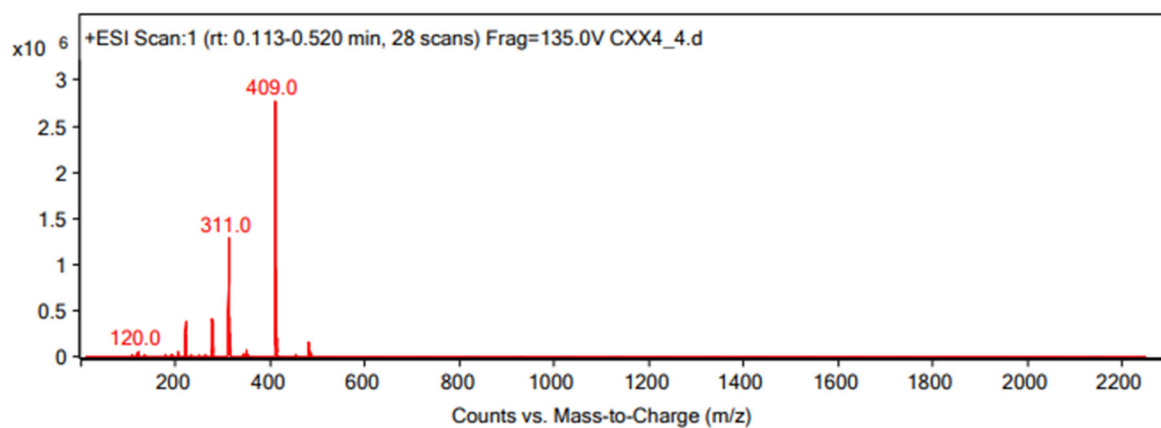
3: Diode Array			
Time	Height	Area	Area%
2.54	5171395	68968.59	2.63
2.69	587725	7394.22	0.28
2.92	2652620	39732.48	1.51
2.98	182089	2375.99	0.09
3.01	82016264	2500844.25	95.28
3.09	280350	3786.17	0.14
3.23	160637	1752.60	0.07

Peak ID Compound Time Mass Found  
 5  
 SAMPLE: 1:6 Combine (357:369-(339:344+382:387))



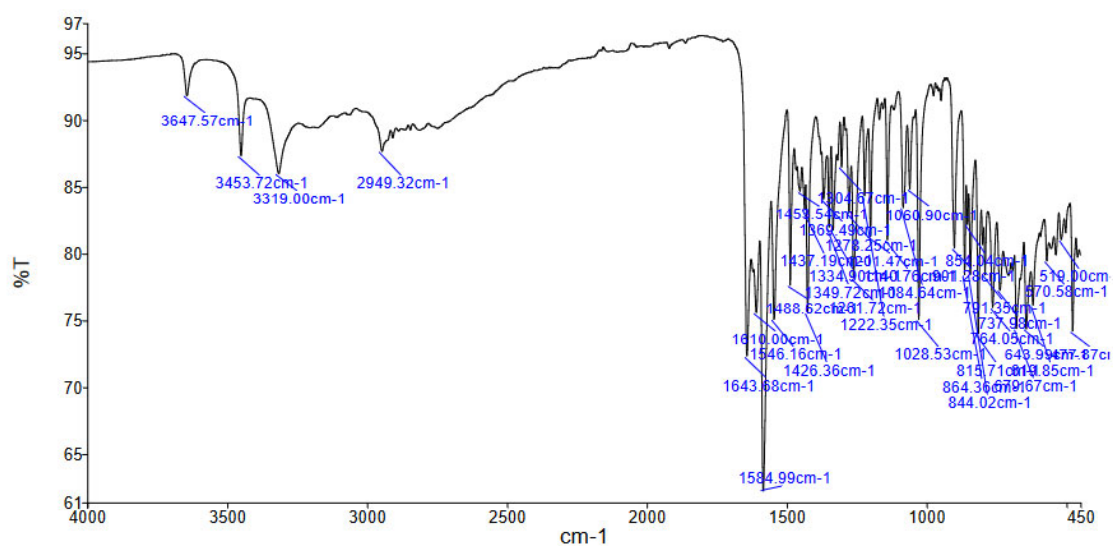
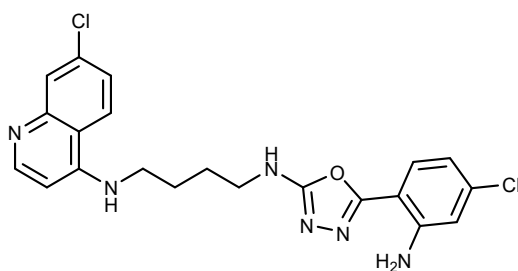


Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (1) in "+/- TIC Scan"		0	ESI

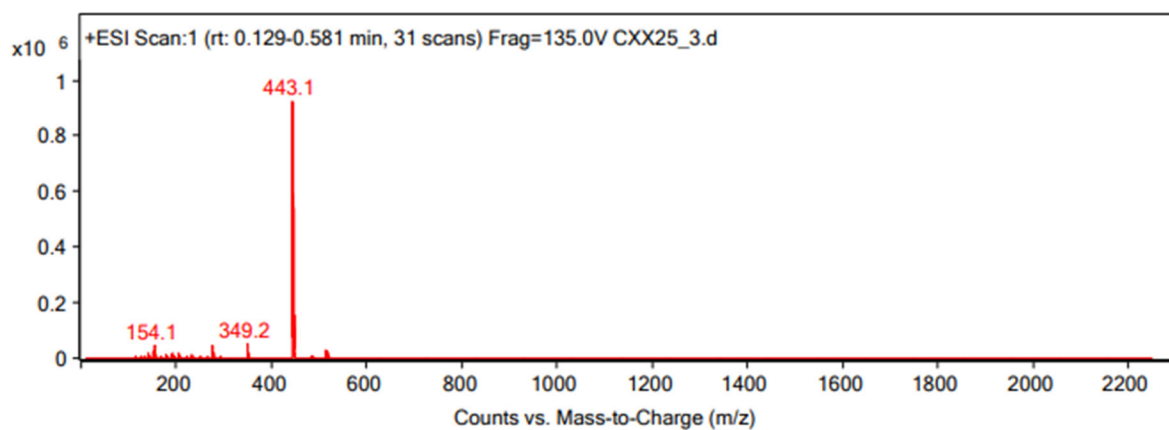


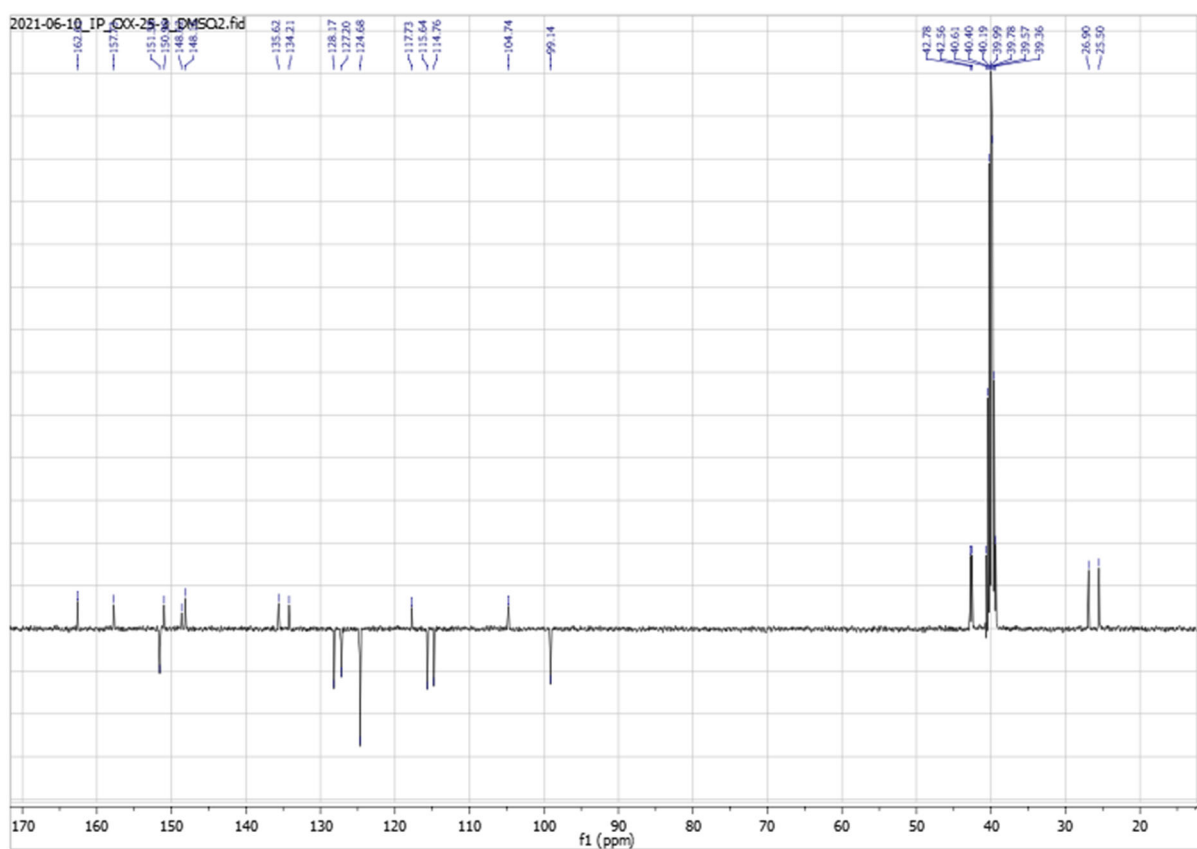
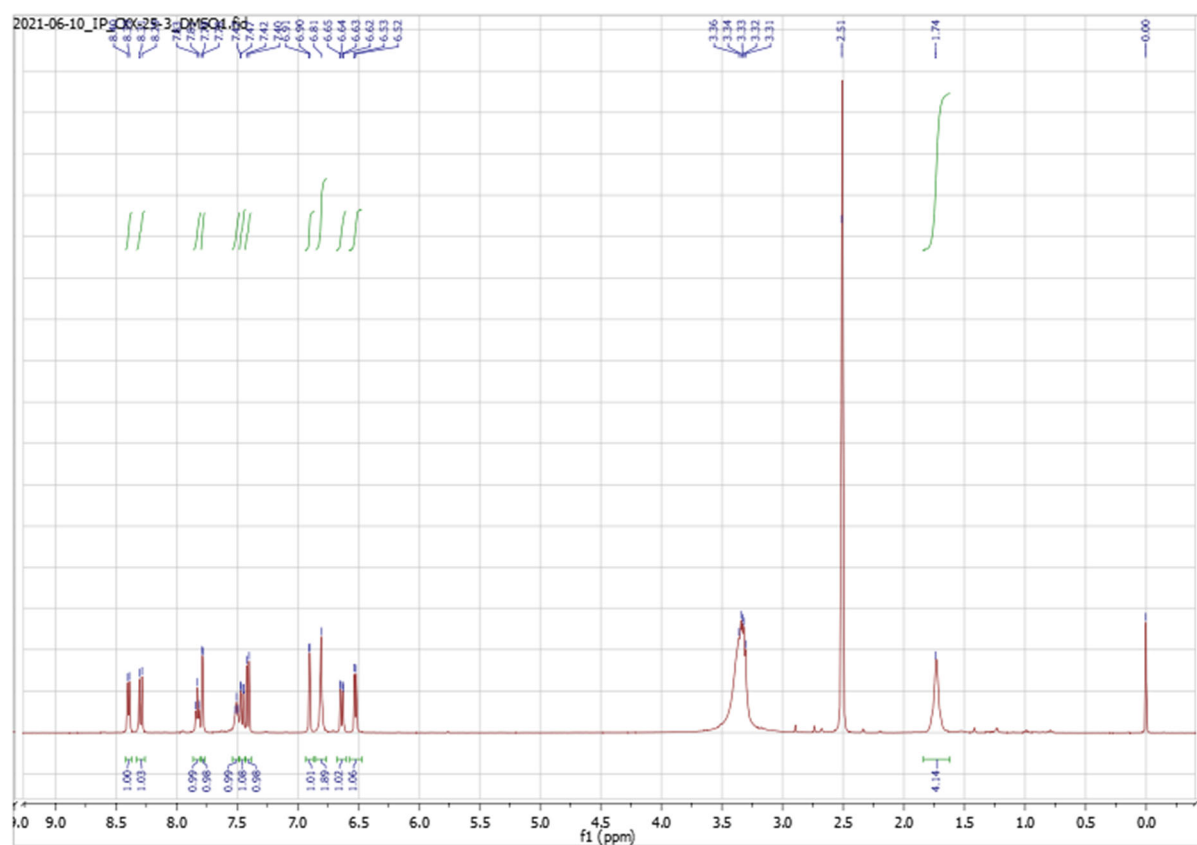


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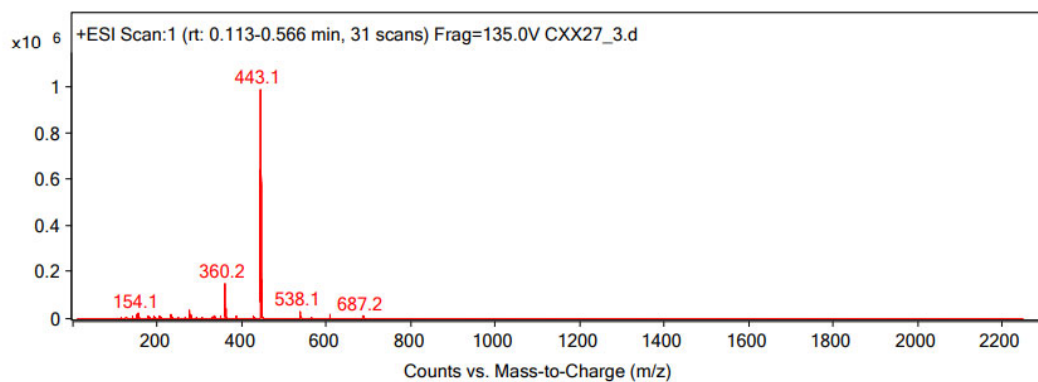
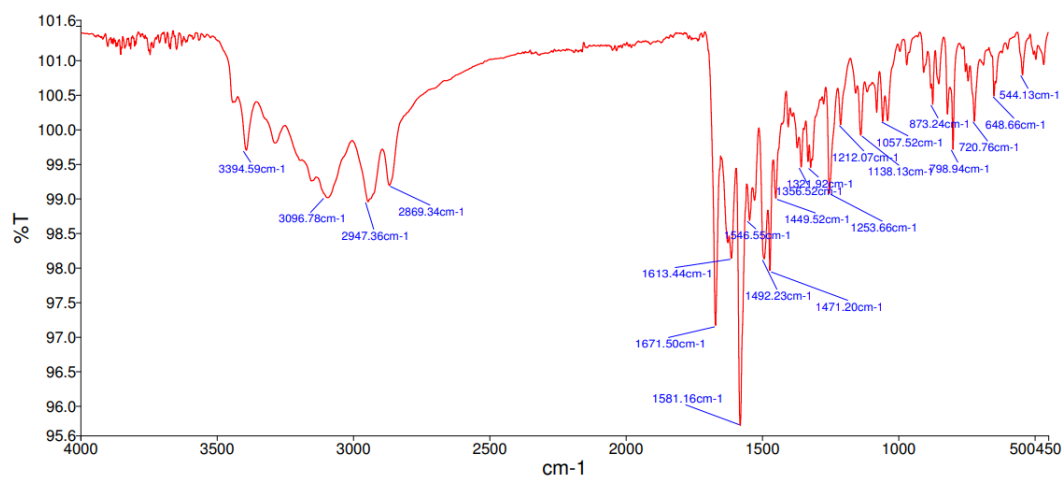
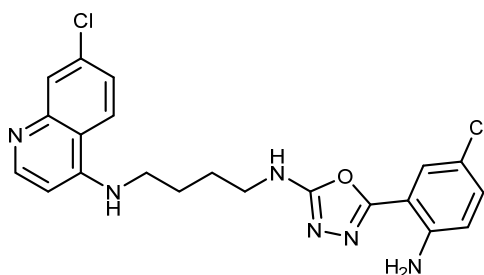


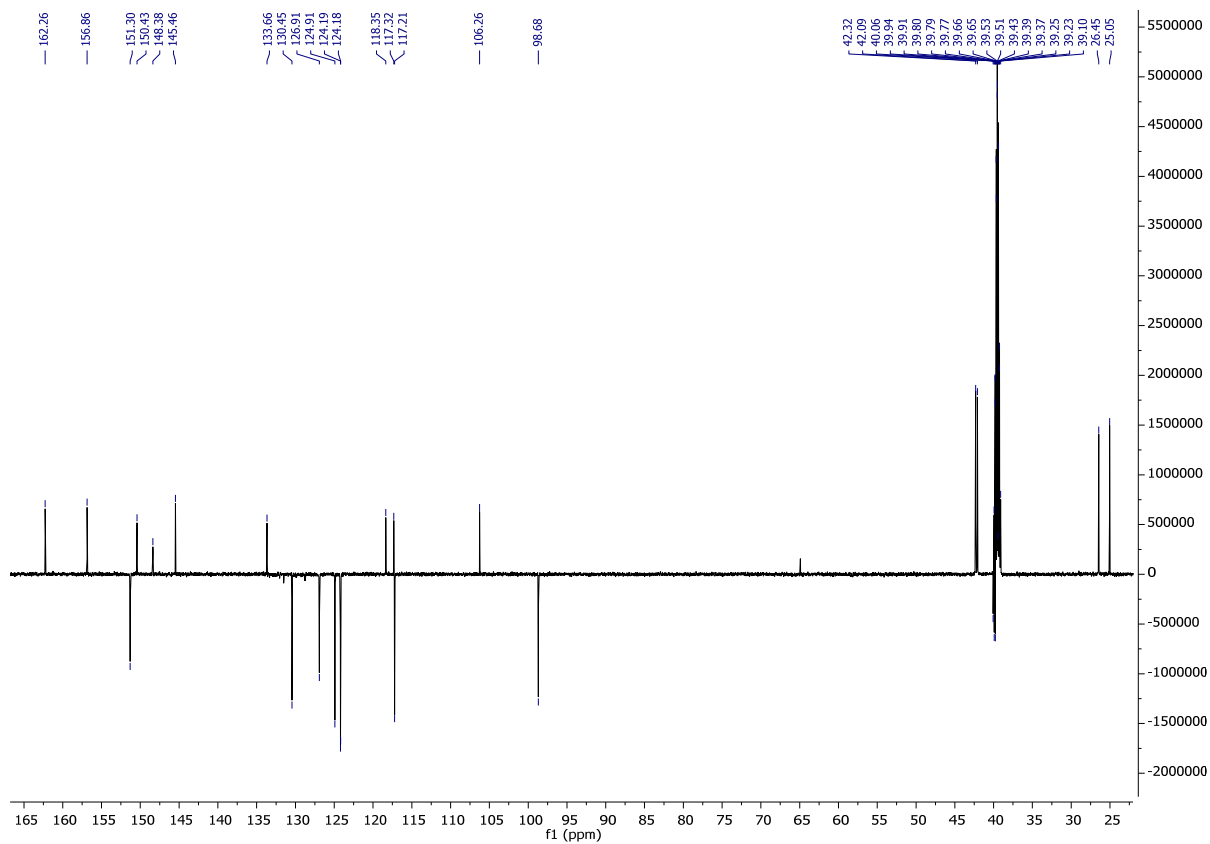
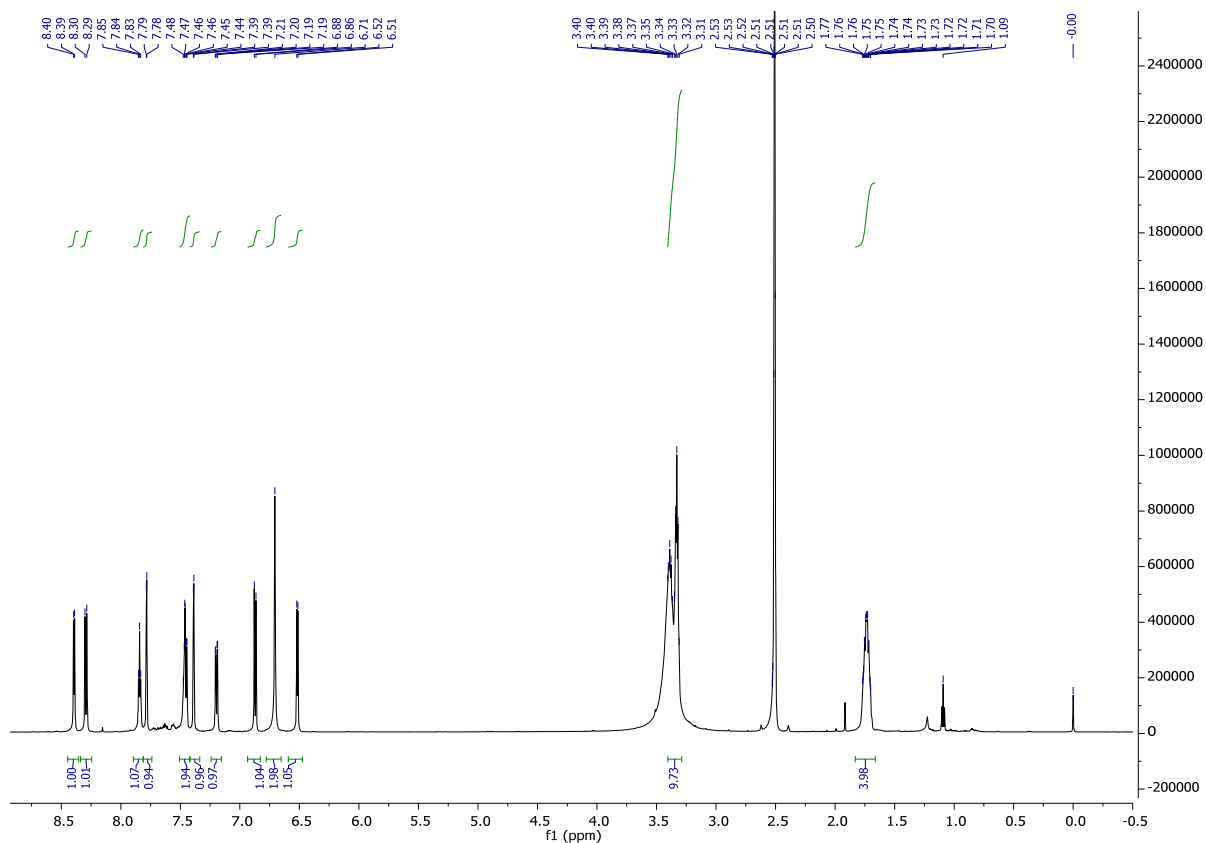
Spectrum Source	Fragmentor Voltage	Collision Energy	Ionization Mode
Peak (1) in "+/- TIC Scan"		0	ESI





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