Supporting Information

***Rec. Nat. Prod*. 10:3 (2016) 326-331**

Phytotoxic and Antimicrobial Metabolites from *Paraphaeosphaeria* sp. QTYC11 Isolated from the Gut of *Pantala flavescens* Larvae

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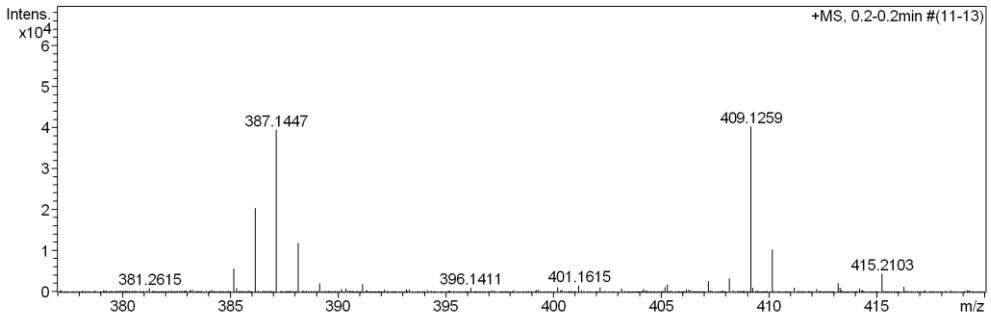
Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name	D:\Data\MS\data\201509\Q11-C28_pos_10_01_354.d	Acquisition Date	9/8/2015 1:16:04 AM
Method	LC_Direct Infusion_pos_100-1000mz.m	Operator	SCSIO
Sample Name	Q11-C28_pos	Instrument / Ser#	maXis 29
Comment			

Acquisition Parameter

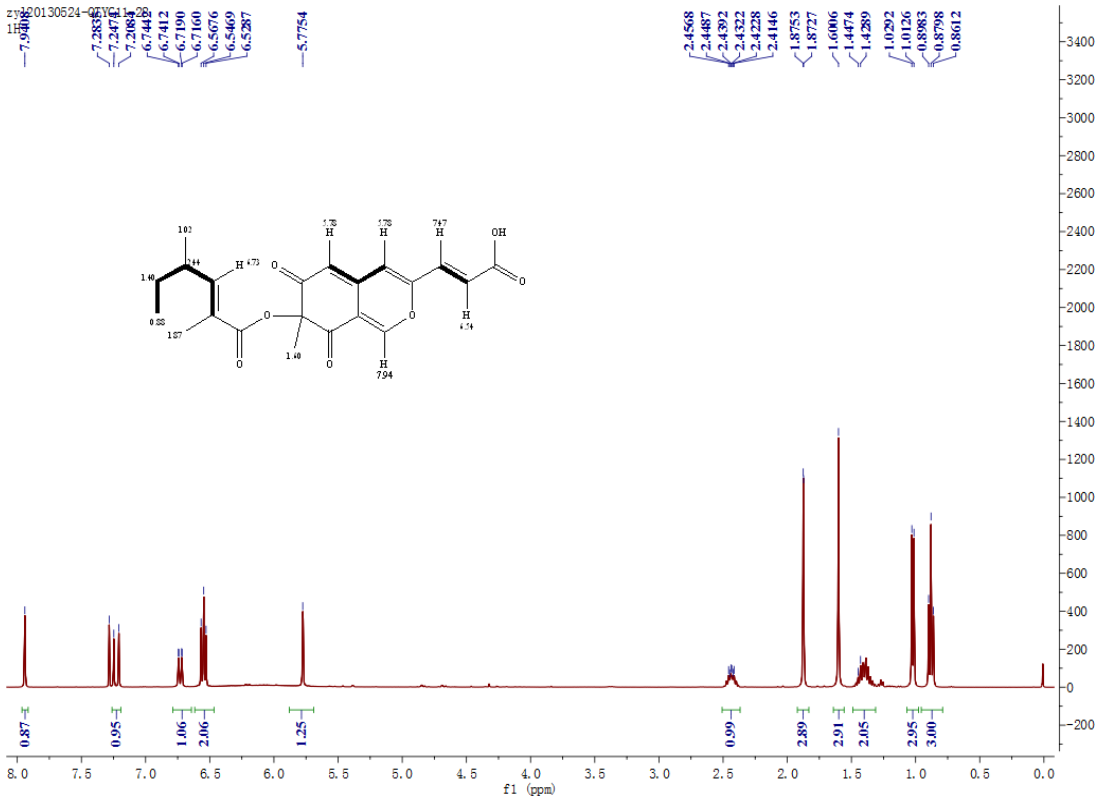
Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	180 °C
Scan Begin	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	2000 m/z	Set Collision Cell RF	800.0 Vpp	Set Divert Valve	Waste



Meas. m/z	#	Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
387.1447	1	C 21 H 23 O 7	56.77	387.1438	-2.2	-0.9	41.9	10.5	even	ok
409.1259	1	C 21 H 22 Na O 7	100.00	409.1258	-0.3	-0.1	27.5	10.5	even	ok

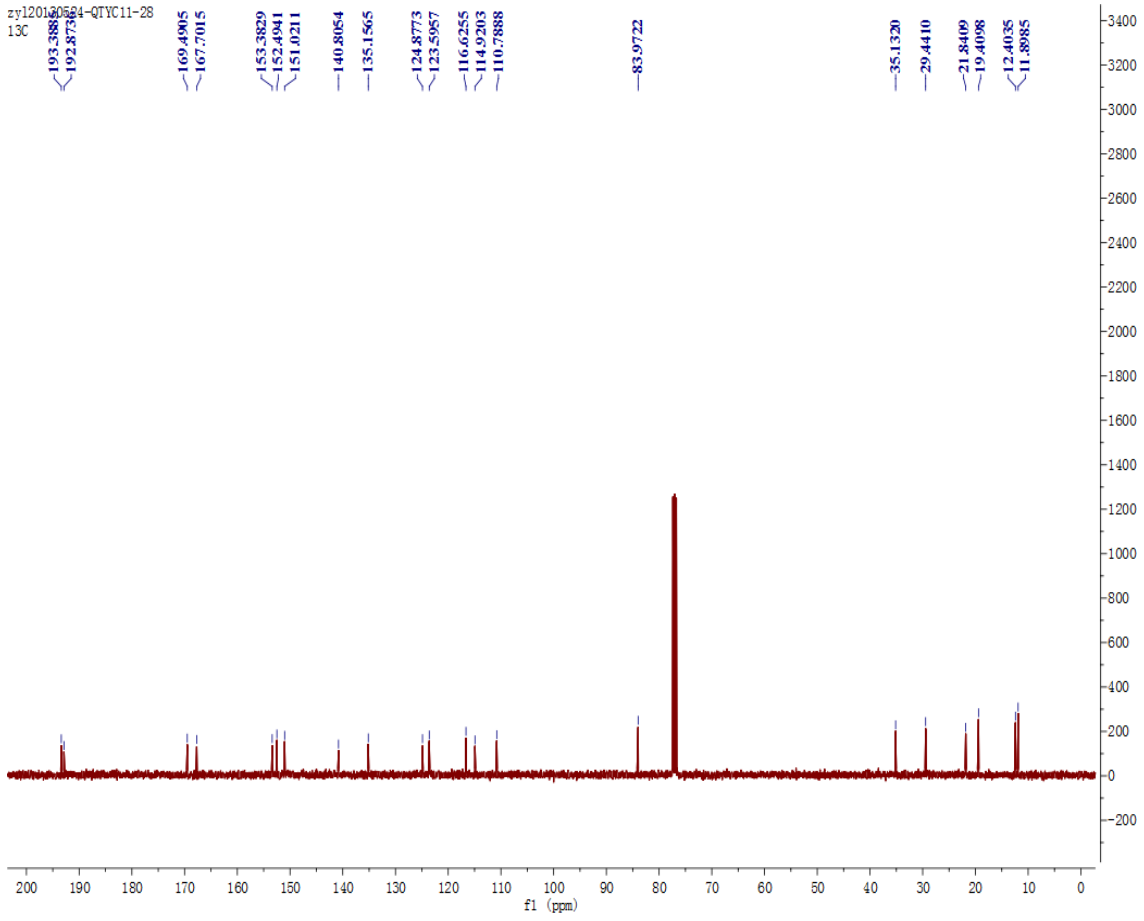
Bruker Compass DataAnalysis 4.0 printed: 9/8/2015 5:47:27 AM Page 1 of 1

S1: HRESI-MS Spectrum of Compound **1**



S2: ^{1}H NMR spectrum (600 MHz) of the compound in Acetone-d_6.

Lunatoic acid C (1): Yellow color needles; HR-ESI−MS: m/z 409 $[M+H]^+$, calculated for $C_{21}H_{22}O_7$, 386.1366, 795 $[M+Na]^+$; ^{1}H NMR (Acetone-d_6) δ: 0.88 (3H, t, H-6'), 1.02 (3H, d, H-8'), 1.40 (2H, m, H-5'), 1.60 (3H, s, H-14), 1.87 (3H, s, H-7'), 2.44 (1H, m, H-4'), 5.78 (1H, s, H-7), 6.54 (1H, d, H-12), 6.55 (1H, s, H-9), 6.73 (1H, d, H-3'), 7.23 (1H, d, H-11), 7.94 (1H, s, H-2). 13C NMR (CHCl3-d) δ: 193.4 (C-4), 192.9 (C-6), 169.5 (C-13), 167.7 (C-1'), 153.4 (C-2), 152.5 (C-10), 151.0 (C-3'), 140.8 (C-8), 135.2 (C-11), 124.9 (C-2'), 123.6 (C-12), 116.6 (C-9), 114.9 (C-3), 110.8 (C-7), 84.0 (C-5), 35.1 (C-4'), 29.5 (C-5'), 21.8 (C-14), 19.4 (C-8'), 12.4 (C-7'), 11.9 (C-6').



S3: ^{13}C NMR spectrum (150 MHz) of compound in Acetone-d_6

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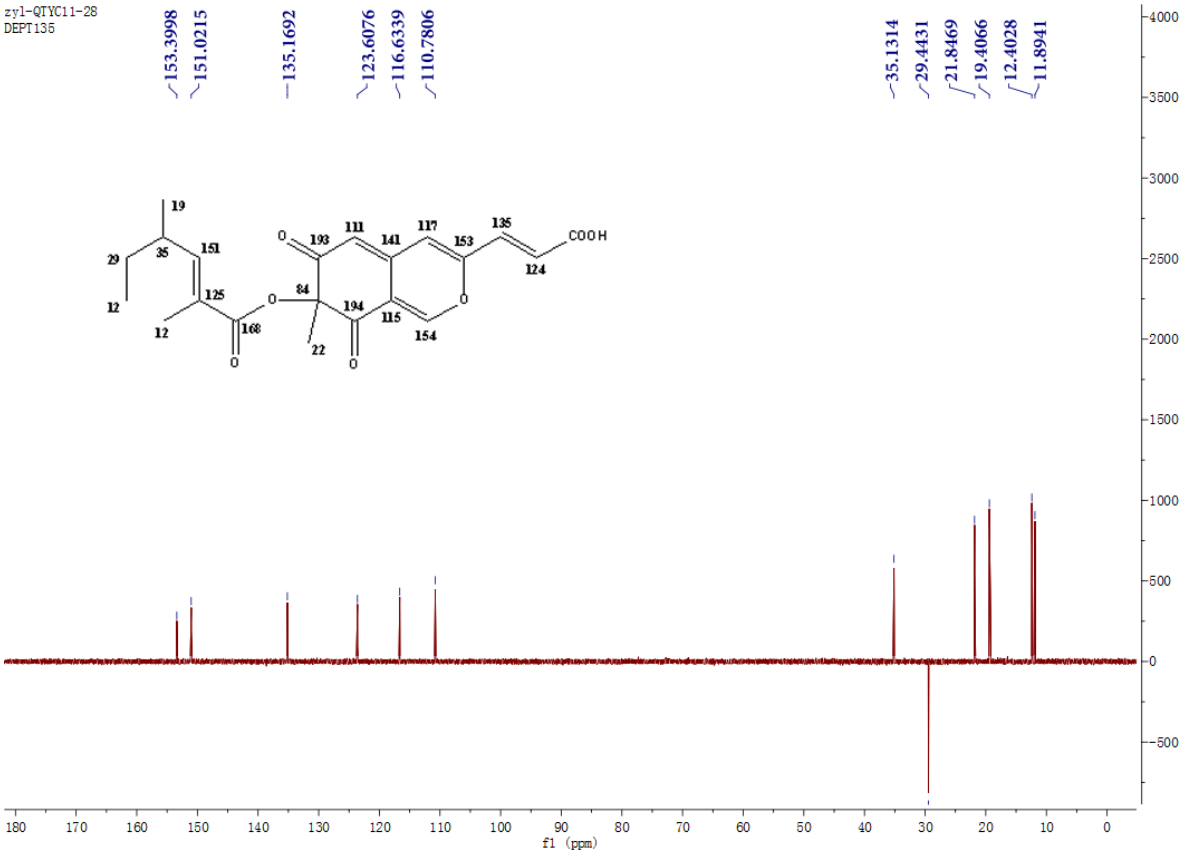
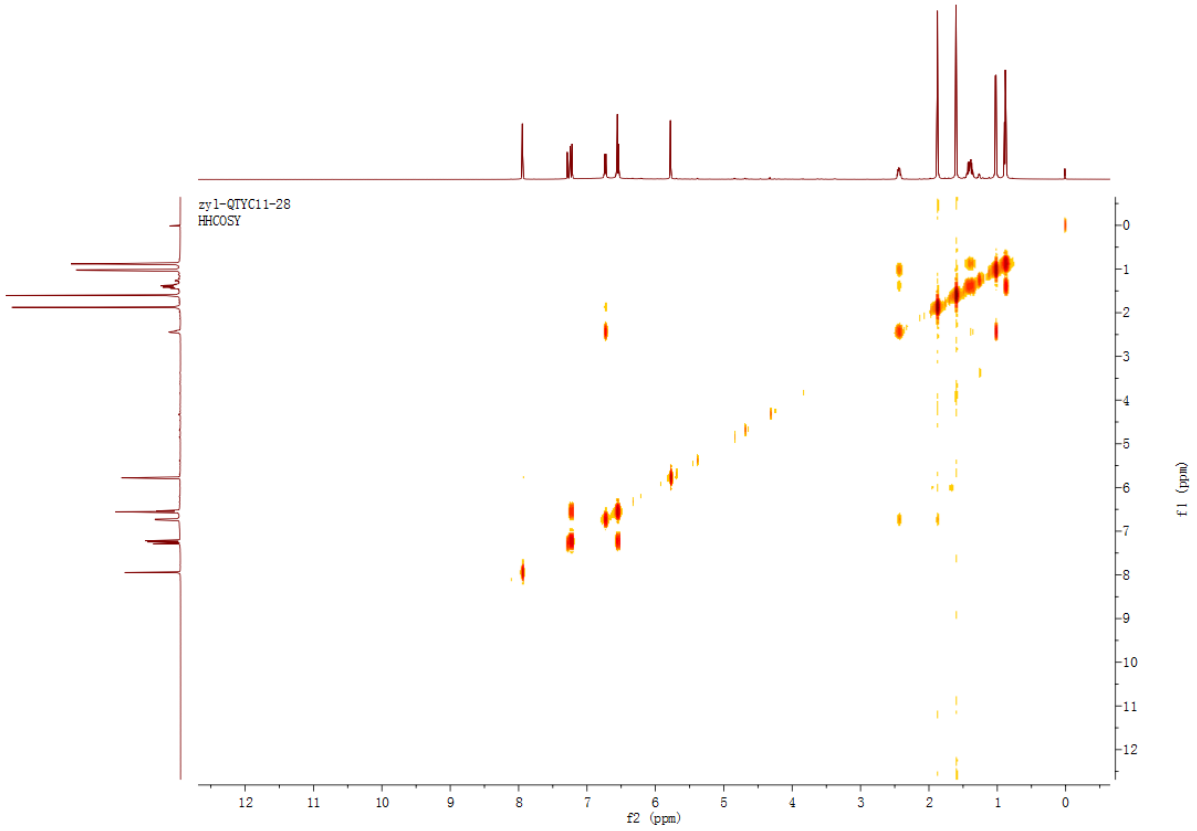
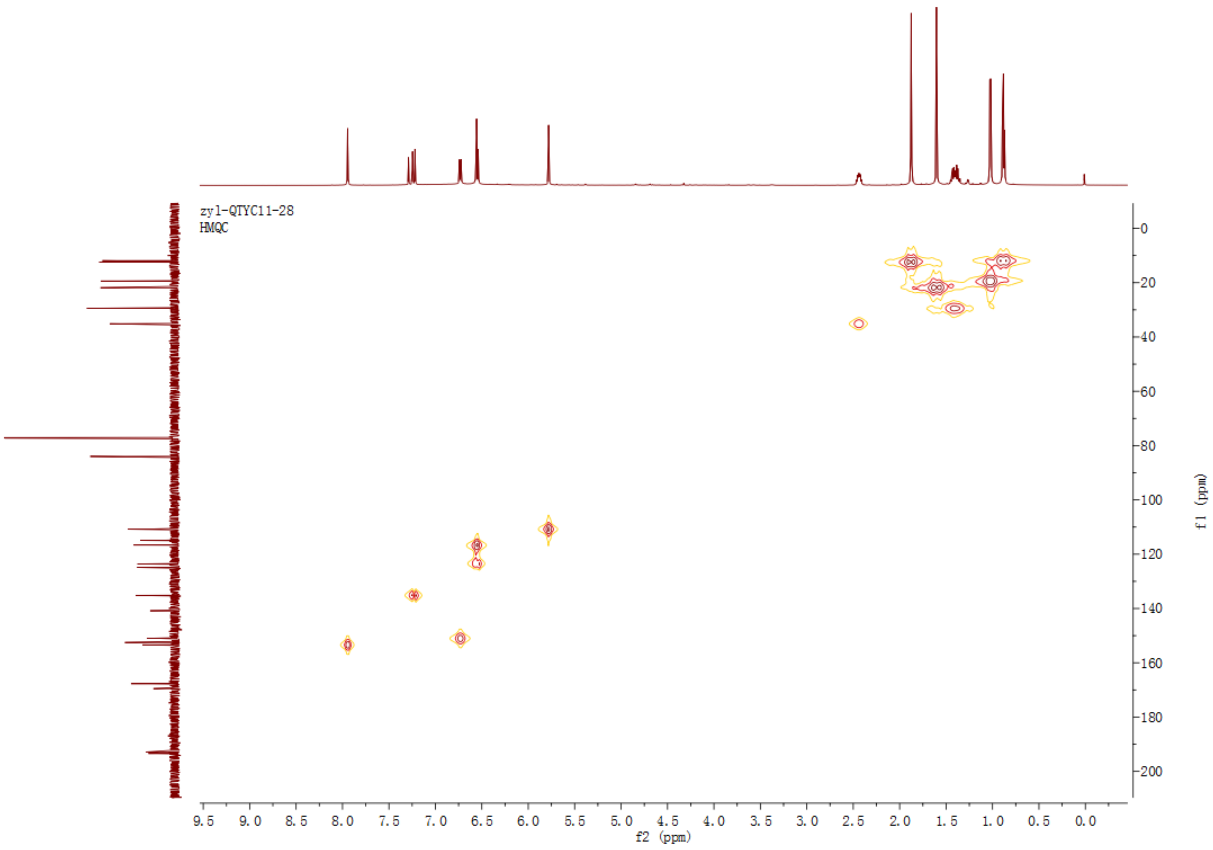


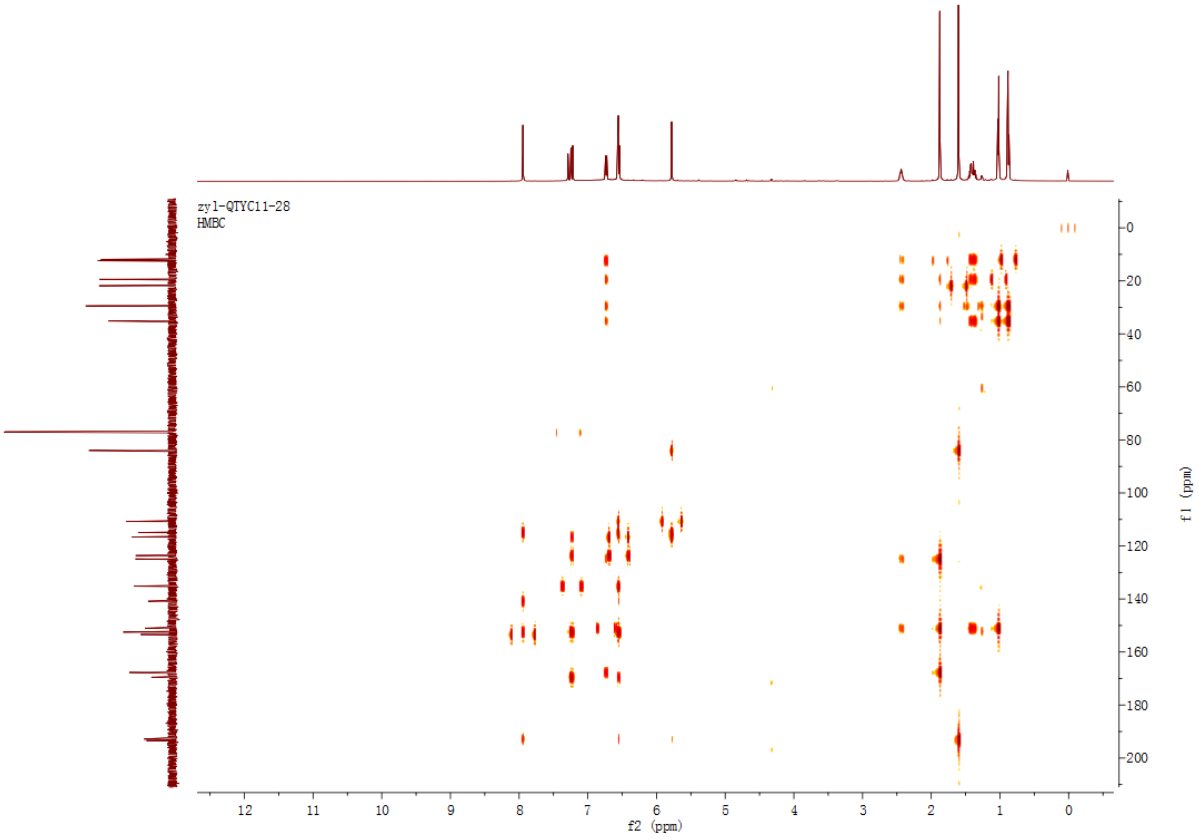
S4: DEPT 135 spectrum (600 MHz) of compound in Acetone-d_6



S5: ^{1}H-^{1}H COSY spectrum (600 MHz) of compound in Acetone-d_6



S6: HMQC spectrum (600 MHz) of compound in Acetone-d_6



S7: HMBC spectrum (600 MHz) of compound in Acetone-d_6.