Supplementary Materials

HPLC profile of longan pericarp-sourced phenolics and their antioxidant and cytotoxic effects

Xuelian Bai, Rui Pan, Mingzhu Li, Xiuting Li *, Huawei Zhang *

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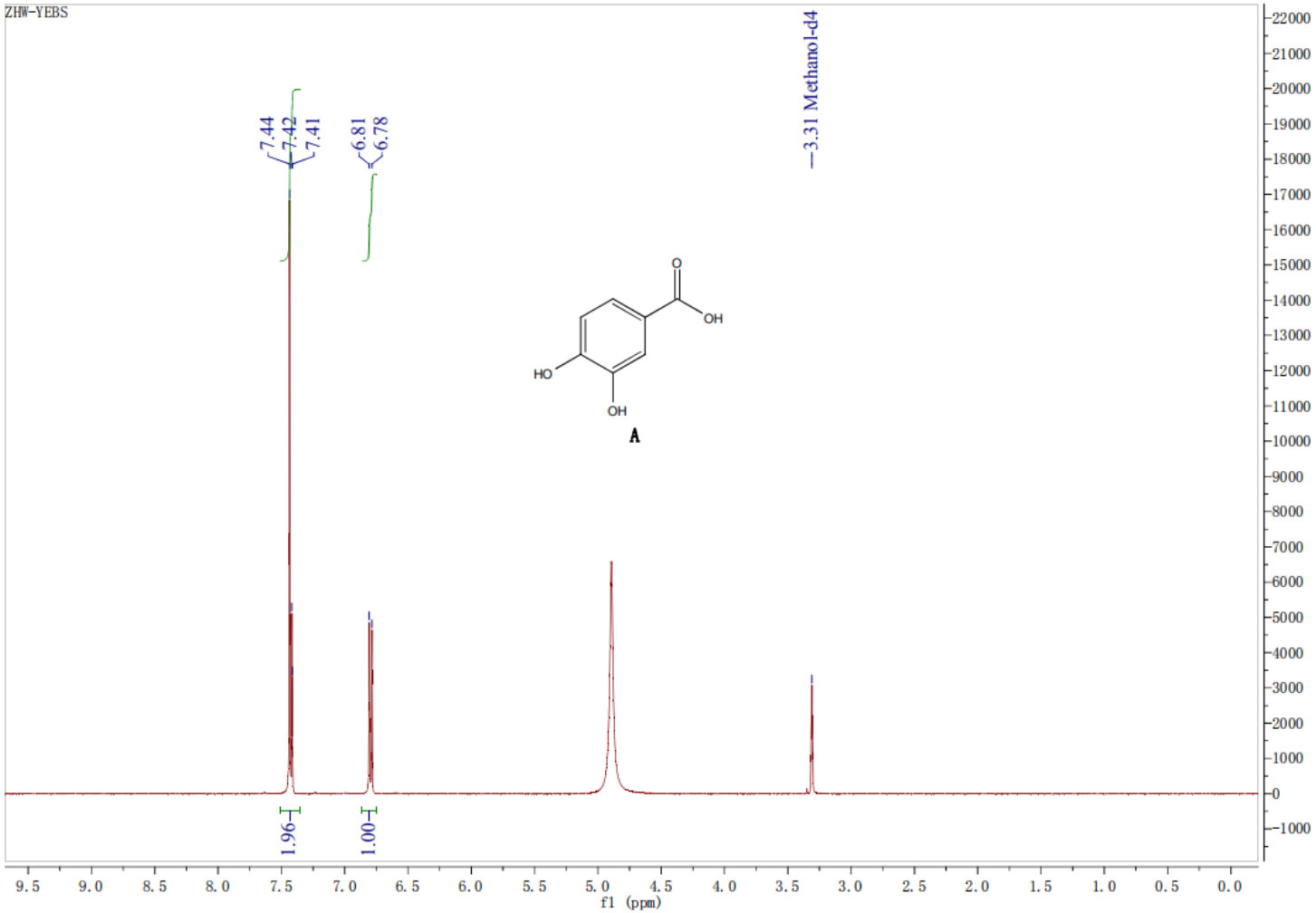

Figure S1 ^{1}H NMR spectrum of A (600 MHz, in MeOH-d_4)

Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name	D:\Data\2018\1220\A..d	Acquisition Date	12/20/2018 1:44:14 PM
Method	tune_pos_low2.m	Operator	BDAL@DE
Sample Name	A	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Active	Set Capillary	4800 V	Set Dry Heater	180 °C
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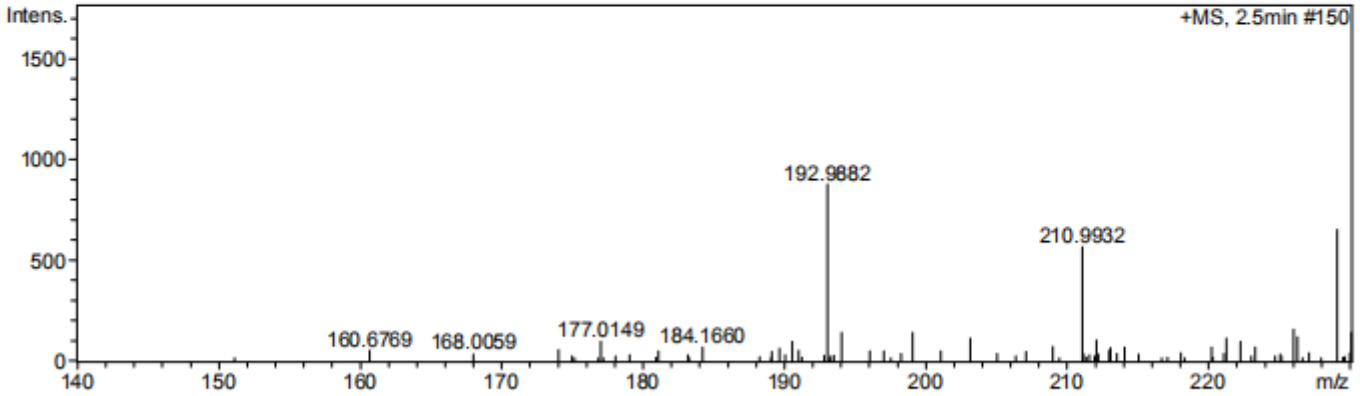
Scan End	1000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
192.9882	C 7 H 6 K O 4	192.9898	8.2	64.4

Figure S2 HR-ESI-MS spectrum of A

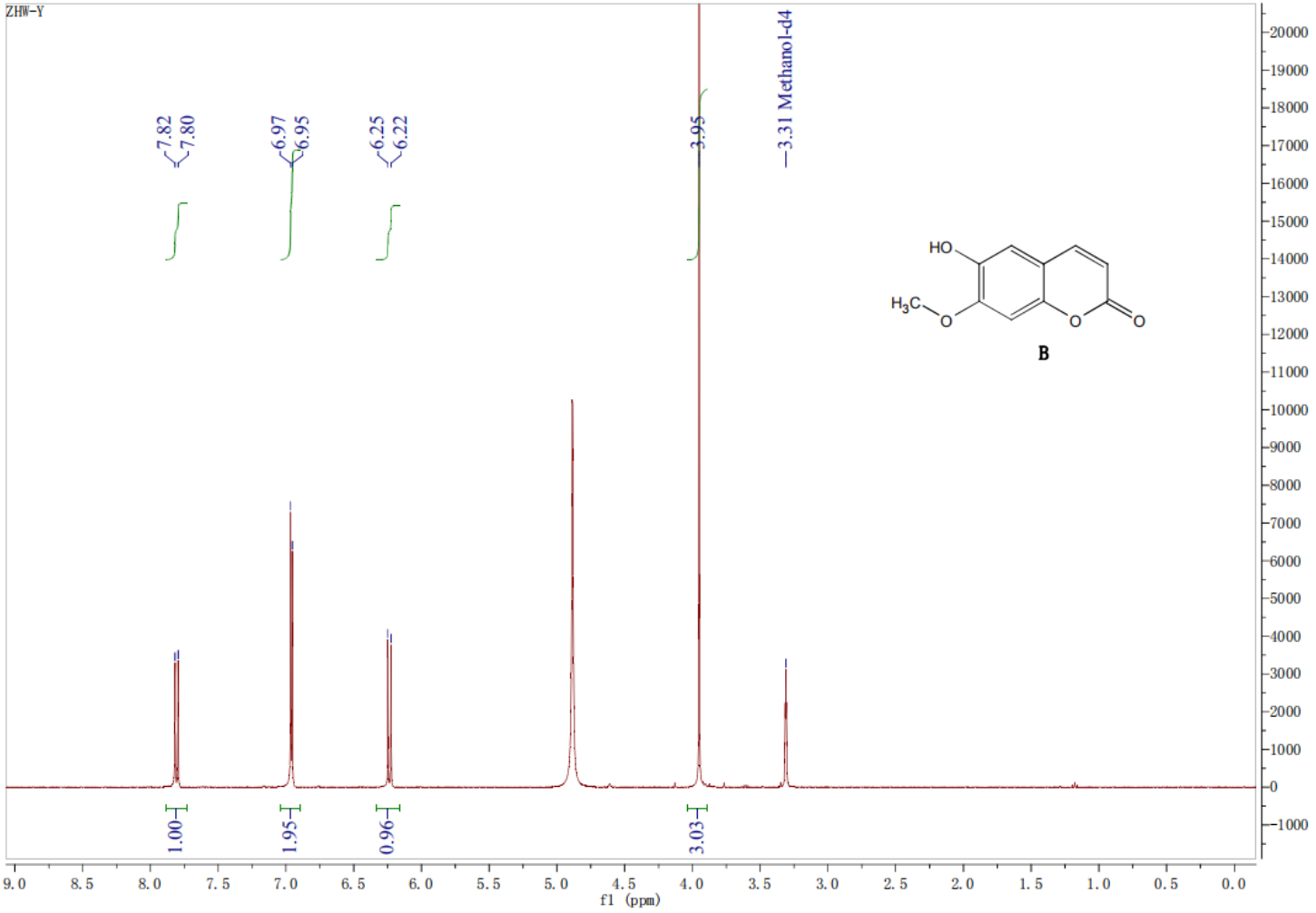


Figure S3 ^{1}H NMR spectrum of B (600 MHz, in MeOH-d_4)

Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name	D:\Data\2018\1220\B.d	Acquisition Date	12/20/2018 10:09:56 AM
Method	tune_pos_low2.m	Operator	BDAL@DE
Sample Name	B	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Active	Set Capillary	4800 V	Set Dry Heater	180 °C
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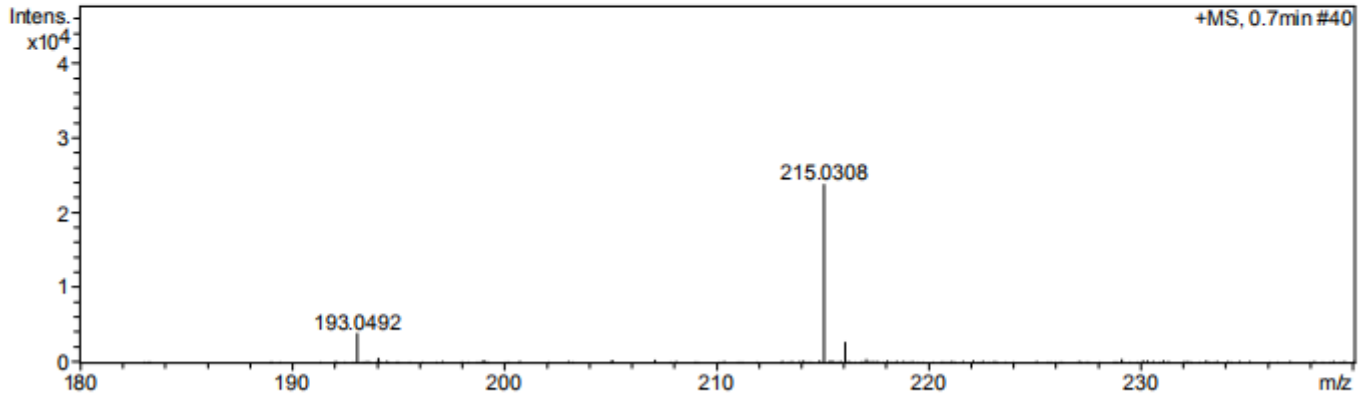
Scan End	1000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
215.0308	C 10 H 8 Na O 4	215.0315	3.2	2.5

Figure S4 HR-ESI-MS spectrum of B

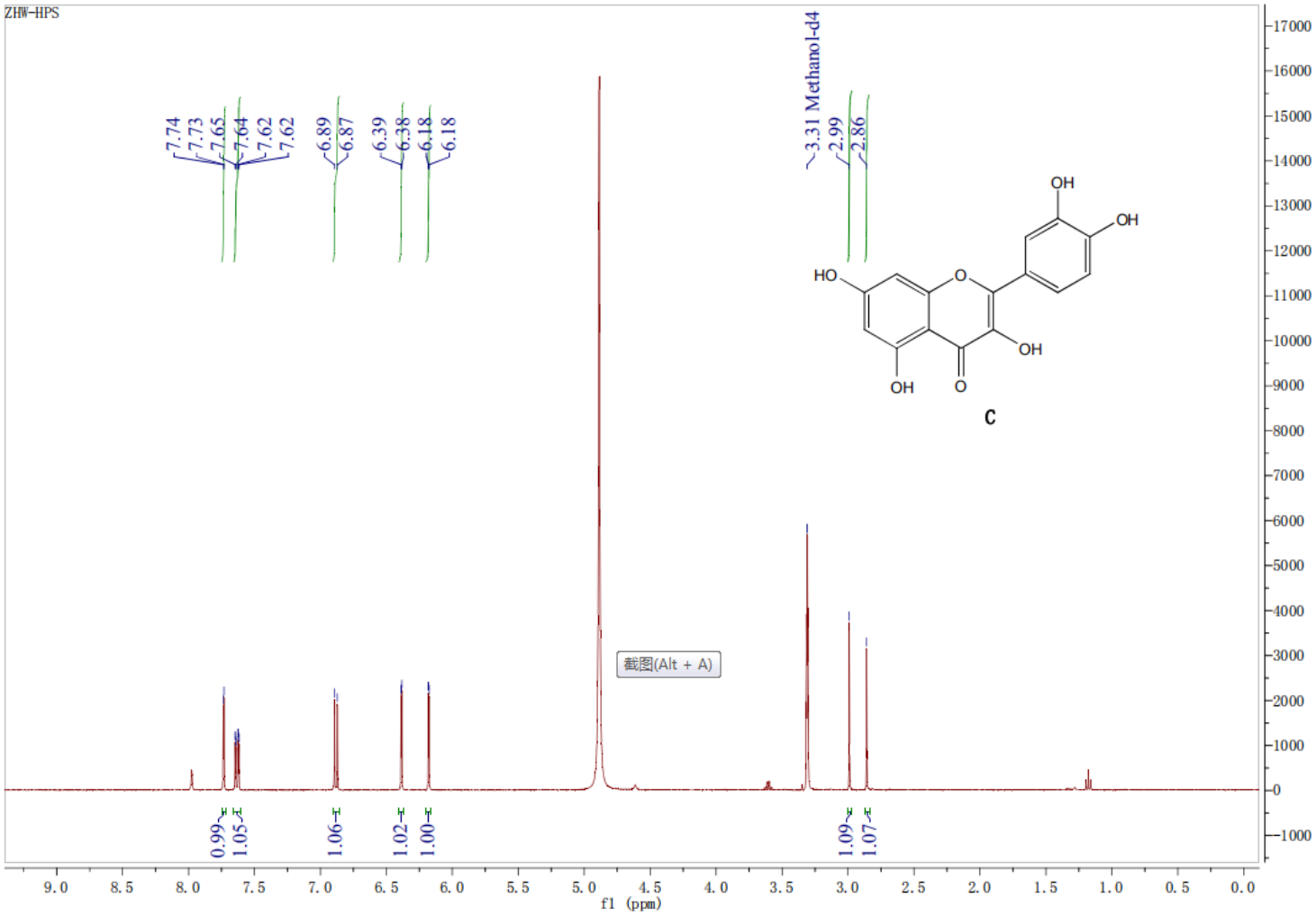


Figure S5 ^{1}H NMR spectrum of C (600 MHz, in MeOH-d_4)

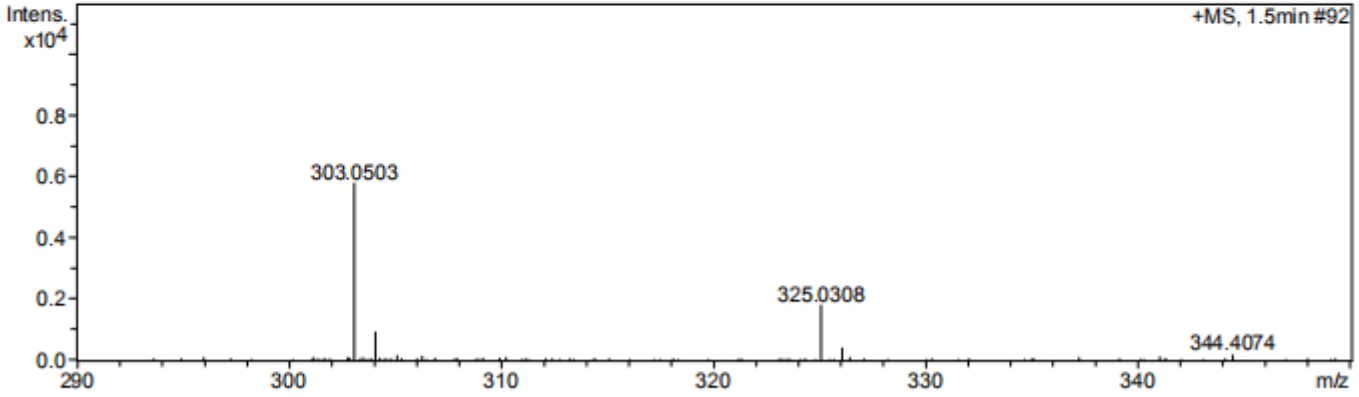
Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name	D:\Data\2018\1220\C.d	Acquisition Date	12/20/2018 10:12:22 AM
Method	tune_pos_low2.m	Operator	BDAL@DE
Sample Name	C	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Active	Set Capillary	4800 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	1000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
303.0503	C 15 H 11 O 7	303.0499	-1.1	3.1

Figure S6 HR-ESI-MS spectrum of C

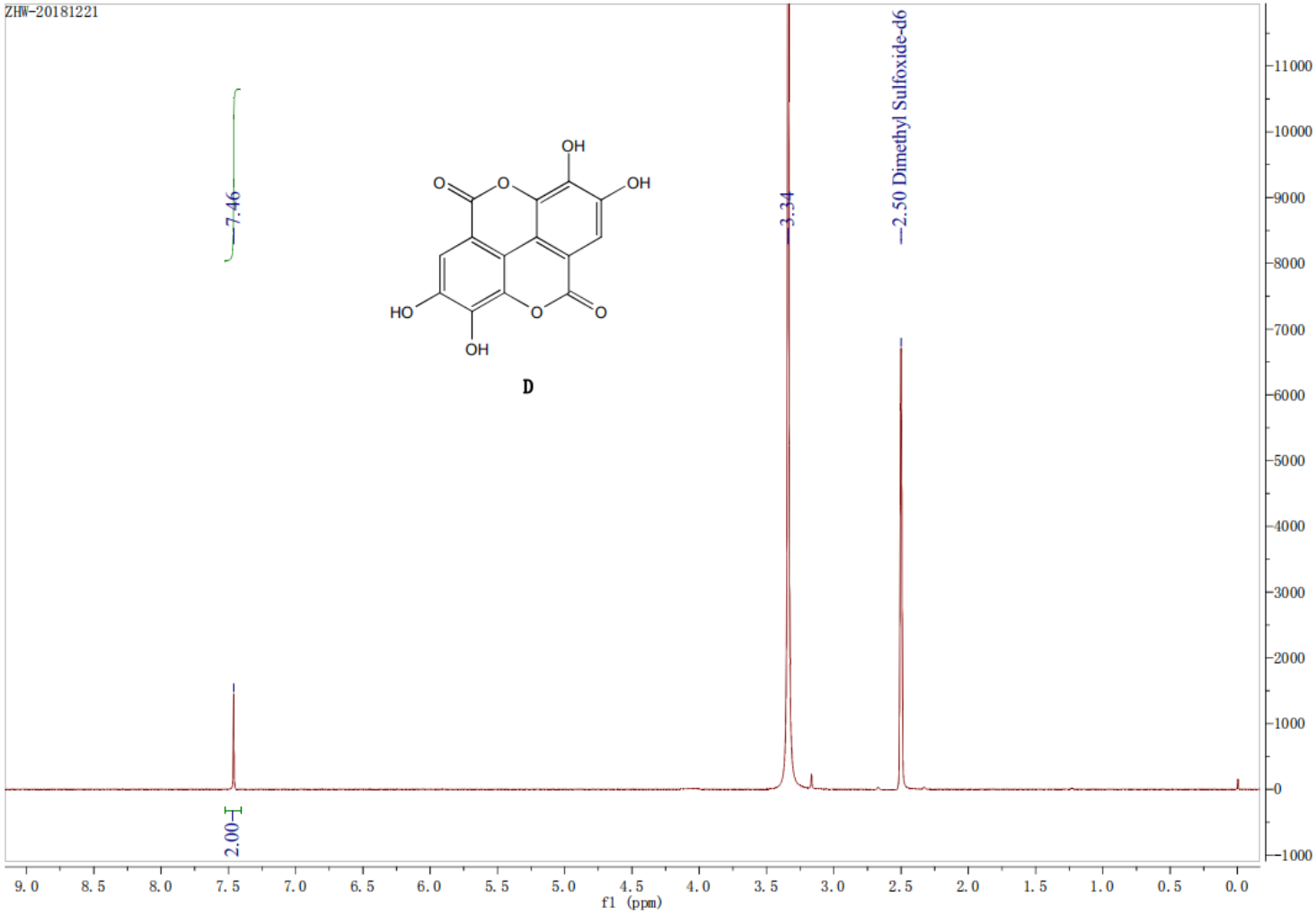


Figure S7 ^{1}H NMR spectrum of D (600 MHz, in DMSO-d_6)

Mass Spectrum SmartFormula Report

Analysis Info

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Method	tune_pos_low2.m	Operator	BDAL@DE
Sample Name	G	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
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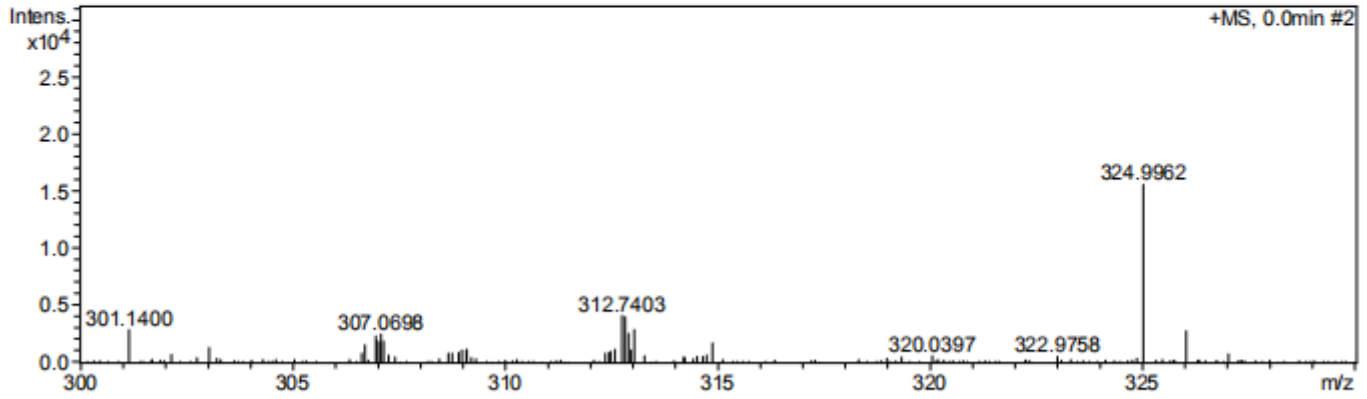
Scan End	1000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
324.9962	C 14 H 6 Na O 8	324.9955	-2.2	17.9

Figure S8 HR-ESI-MS spectrum of D

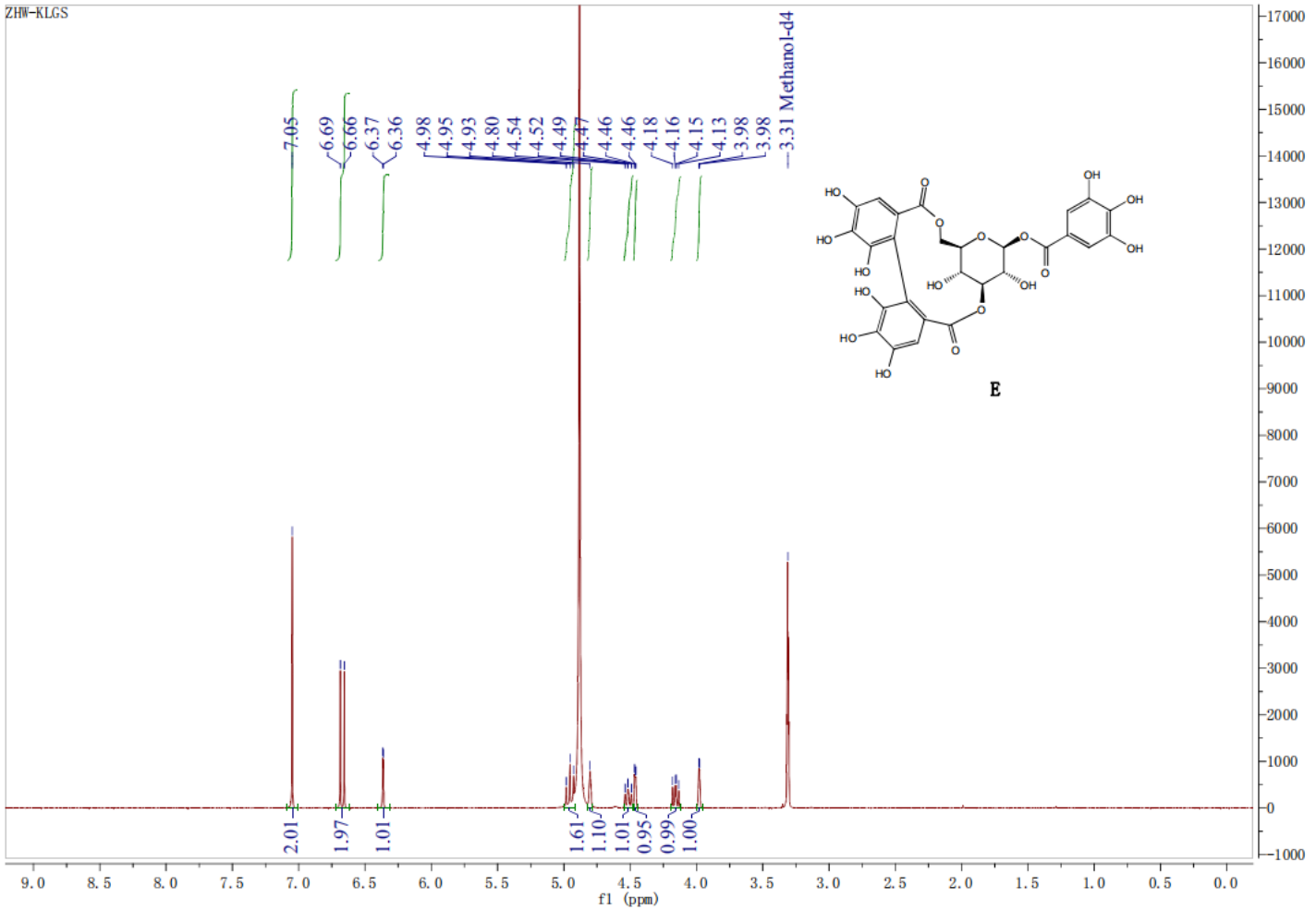


Figure S9 ^{1}H NMR spectrum of E (600 MHz, in MeOH-d_4)

Mass Spectrum SmartFormula Report

Analysis Info

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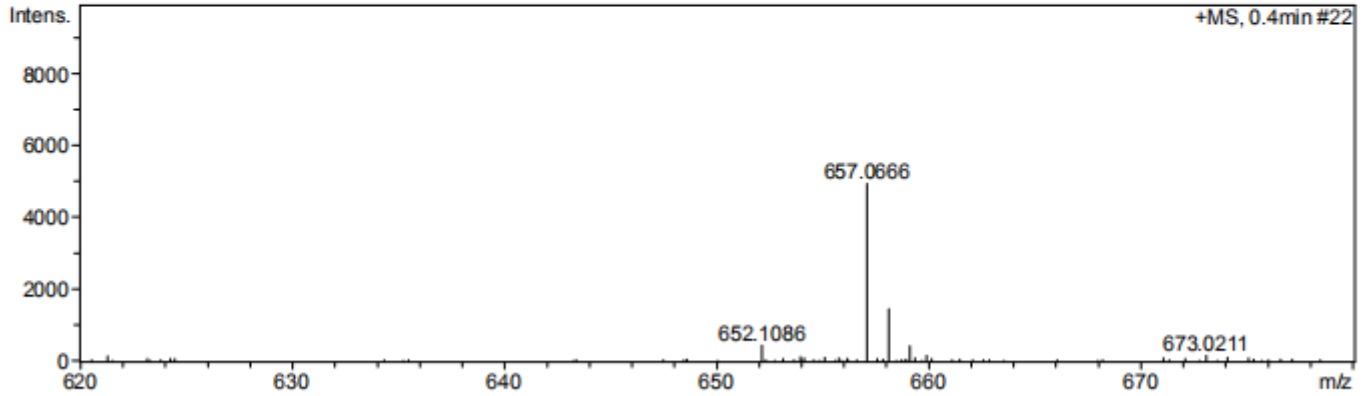
Method	tune_pos_low2.m	Operator	BDAL@DE
Sample Name	E	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Active	Set Capillary	4800 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	1000 m/z	Set Collision Cell RF	300.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
657.0666	C 27 H 22 Na O 18	657.0698	4.9	4.6

Figure S10 HR-ESI-MS spectrum of E

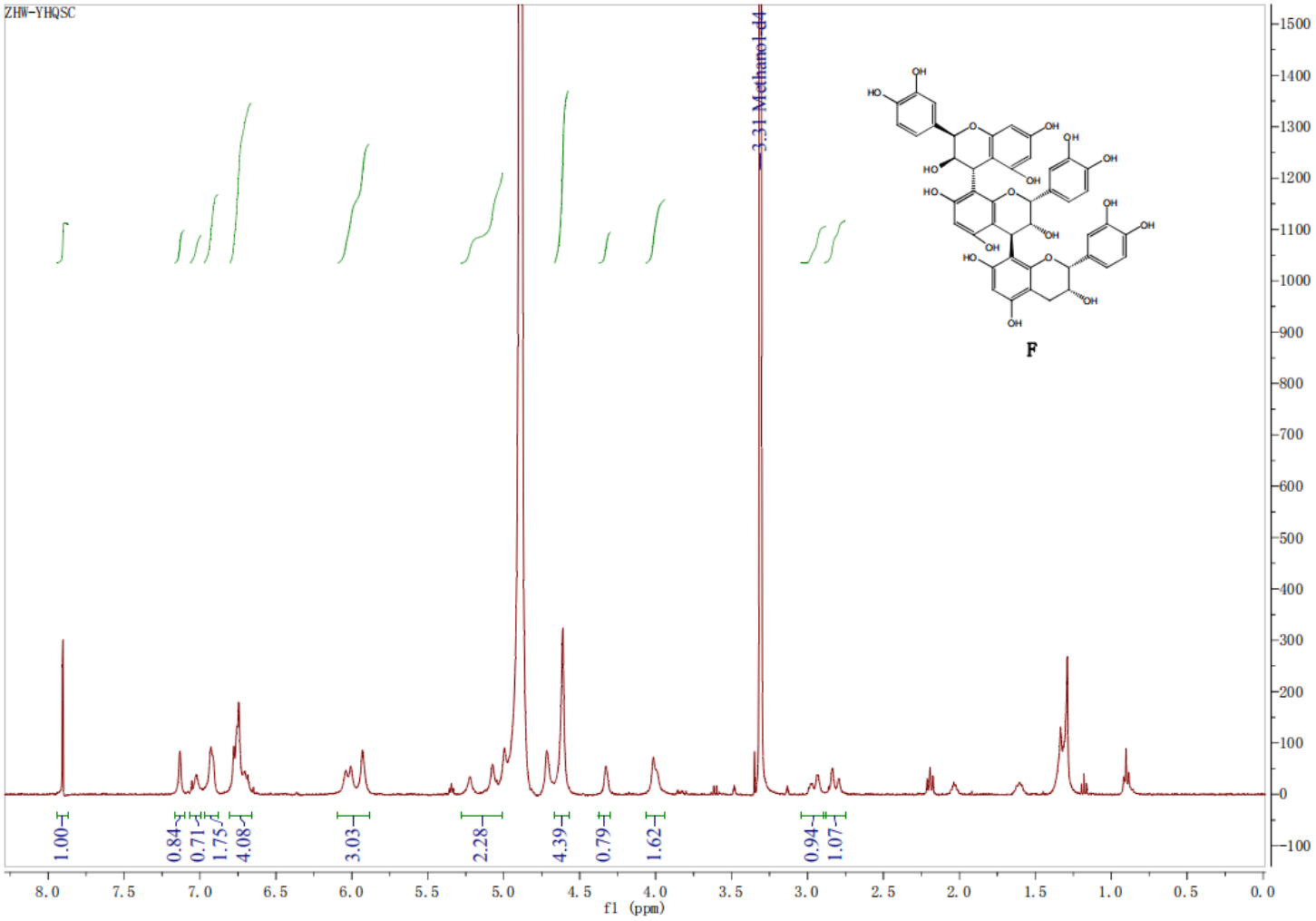


Figure S11 ^{1}H NMR spectrum of F (600 MHz, in MeOH-d_4)

Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name	D:\Data\2018\1220\F..d	Acquisition Date	12/20/2018 12:26:07 PM
Method	tune_pos_wide.m	Operator	BDAL@DE
Sample Name	F	Instrument / Ser#	micrOTOF-Q II 10366
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.5 Bar
Focus	Active	Set Capillary	5500 V	Set Dry Heater	180 °C
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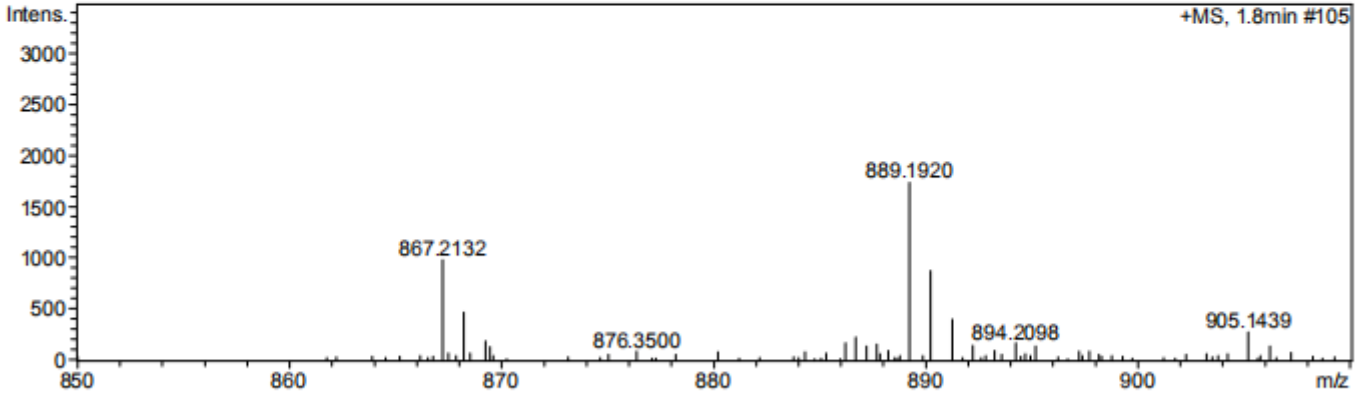
Scan End	2000 m/z	Set Collision Cell RF	650.0 Vpp	Set Divert Valve	Waste



Meas. m/z	Formula	m/z	err [ppm]	mSigma
867.2132	C 45 H 39 O 18	867.2131	-0.1	19.8
889.1920	C 45 H 38 Na O 18	889.1950	3.4	44.1

Figure S12 HR-ESI-MS spectrum of F