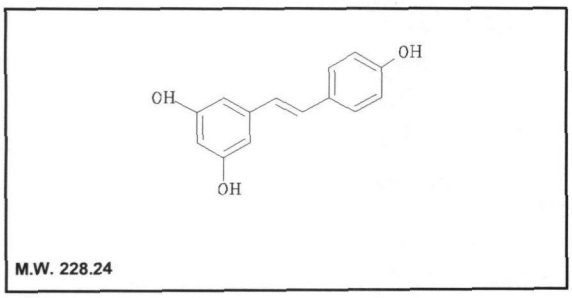
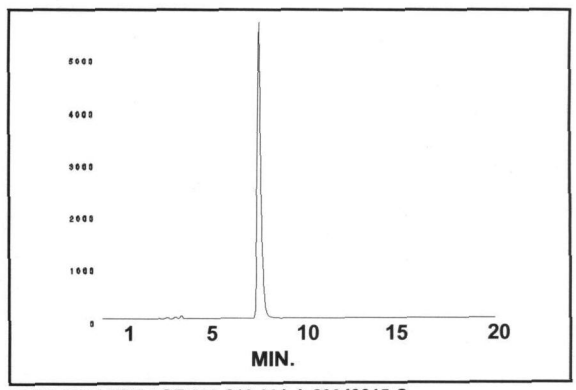
Product Data Sheet

M-1606

Resveratrol



M.W. 228.24



HPLC ANALYSIS LOT 208-210-000-A-20040315-Q
File Name: int21805 Date and Time: 8/16/2012 4:49:20 PM
Unit 2 UV

Peak #	Area %	Time	Area
1	0.37	3.74670	27.02837
2	0.63	4.03670	46.87828
3	99.00	8.00330	7310.42068
Totals	100.00		7384.32733

Lot #: 208-210-000-A-20040315-Q

Packaged as: Solid

Date of Analysis: August 16, 2012

Chemical Purity @ 307nm: 99.0%

Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

Moravek Biochemicals, Inc. 577 Mercury Lane, Brea, California 92821 www.moravek.com info@moravek.com Phone (714) 990-2018 Fax (714) 990-1824

M-1606

Resveratrol

Lot 208-210-000-A-20040315-Q

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

Resveratrol concentration was 2.0 mg/ml.

Volume of **Resveratrol** alone injection was 0.5 µl.

Volume of blank injection was 0.5 µl.

B) Mass spectrometry – Positive mode

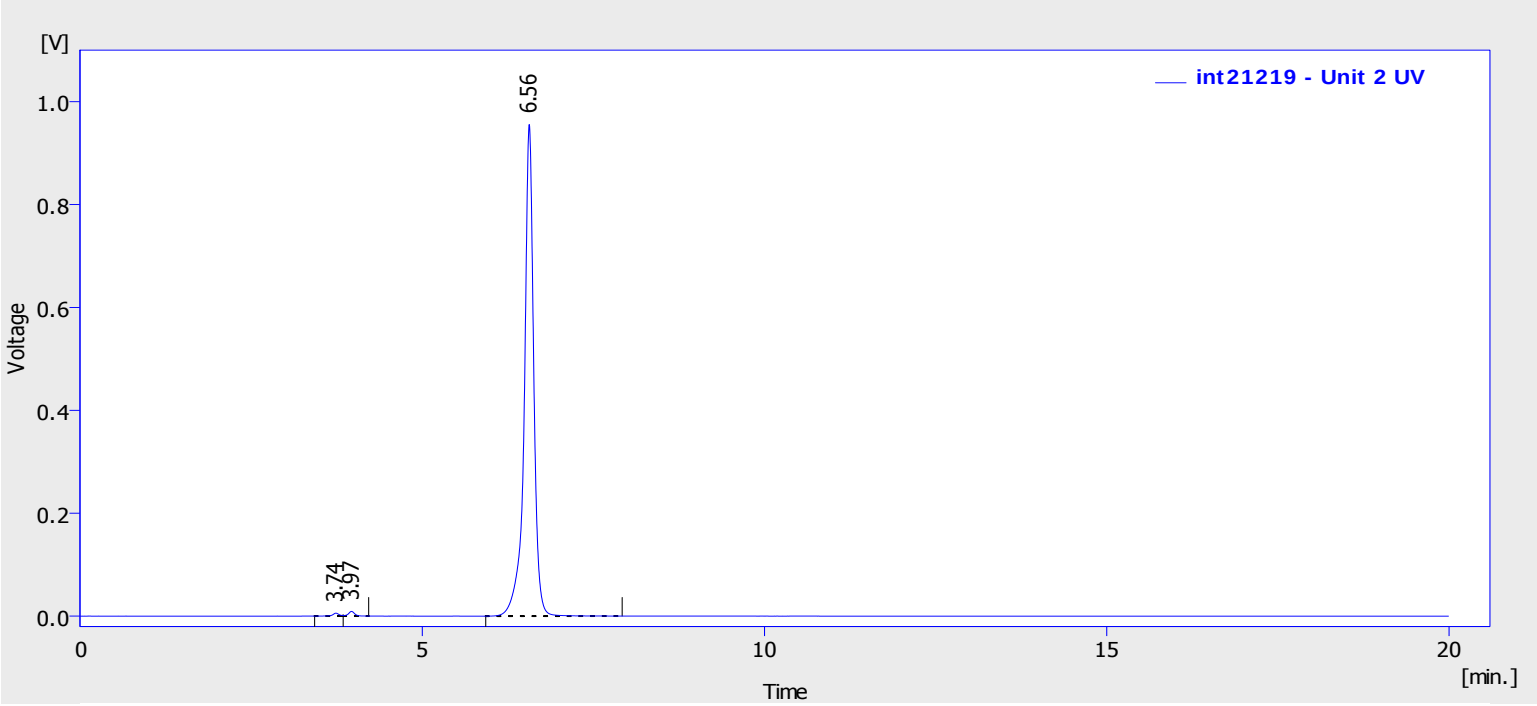
C) NMR

D) UV spectrum

M-1606
Resveratrol
Lot 208-210-000-A-20040315-Q

Chromatogram Info:

File Name	: int21219	File Created	: 7/13/2011 12:16:44 PM
Origin	: Acquired	Acquired Date	: 7/13/2011 12:16:44 PM
Project	: Test	By	: Administrator
Method	: unit2-20minrun	By	: Administrator
Description	: UV trace of Resveratrol		
Created	: 8/8/2007 9:12 AM	Modified	: 7/14/2011 1:27 PM
Column	:	Detection	: 307nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



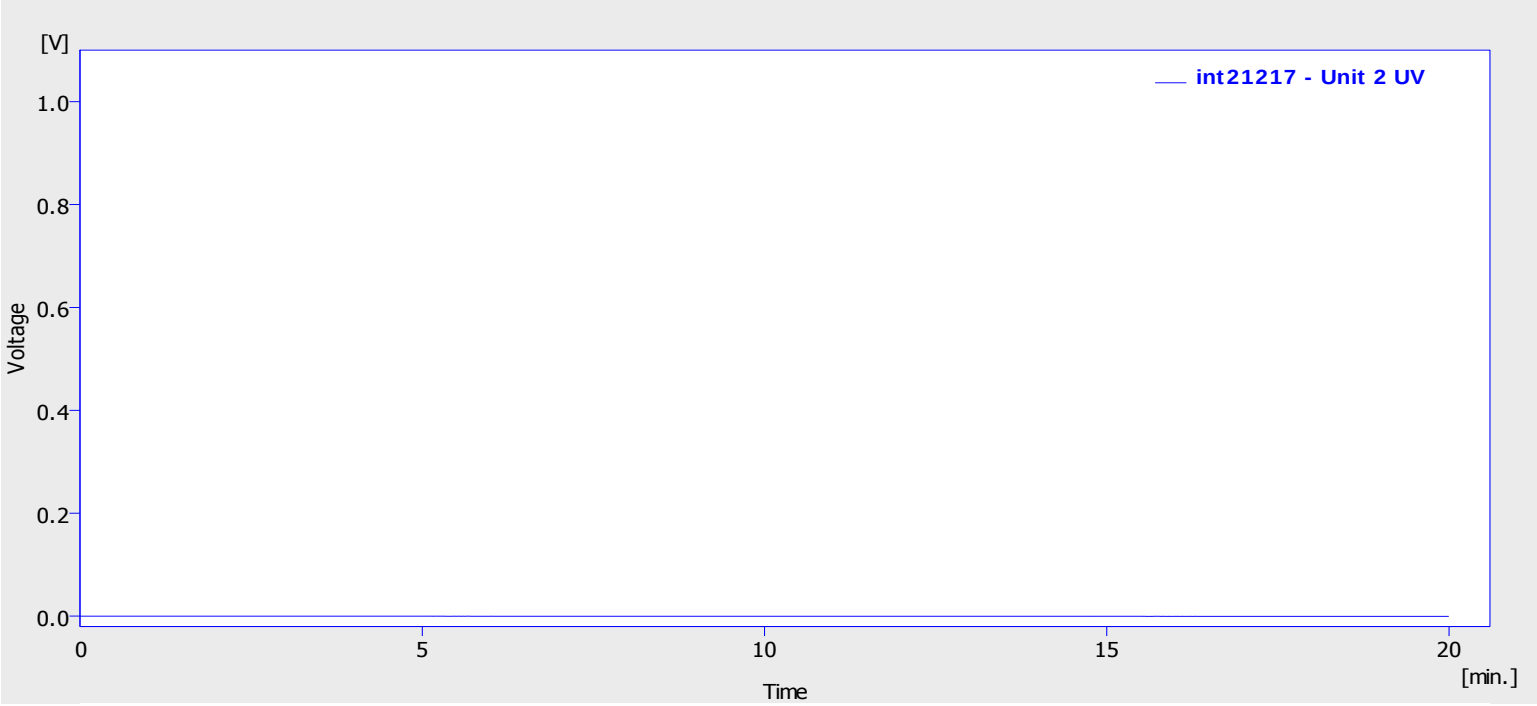
Result Table (Uncal - int21219 - Unit 2 UV)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	3.737	37.483	5.702	0.40	0.6	0.09
2	3.967	58.364	9.080	0.63	0.9	0.09
3	6.563	9204.494	955.481	98.97	98.5	0.13
	Total	9300.341	970.263	100.00	100.0	

M-1606
Resveratrol
Lot 208-210-000-A-20040315-Q

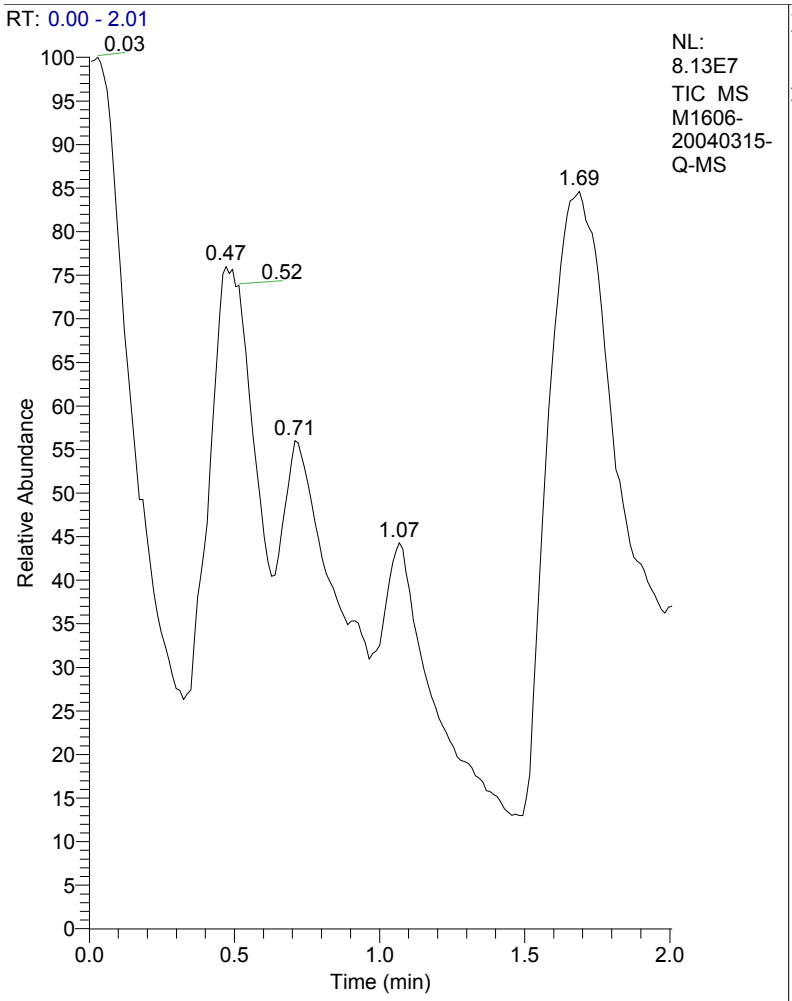
Chromatogram Info:

File Name	: int21217	File Created	: 7/13/2011 11:32:52 AM
Origin	: Acquired	Acquired Date	: 7/13/2011 11:32:52 AM
Project	: Test	By	: Administrator
Method	: unit2-20minrun	By	: Administrator
Description	: UV trace of blank injection		
Created	: 8/8/2007 9:12 AM	Modified	: 7/14/2011 1:30 PM
Column	:	Detection	: 307nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



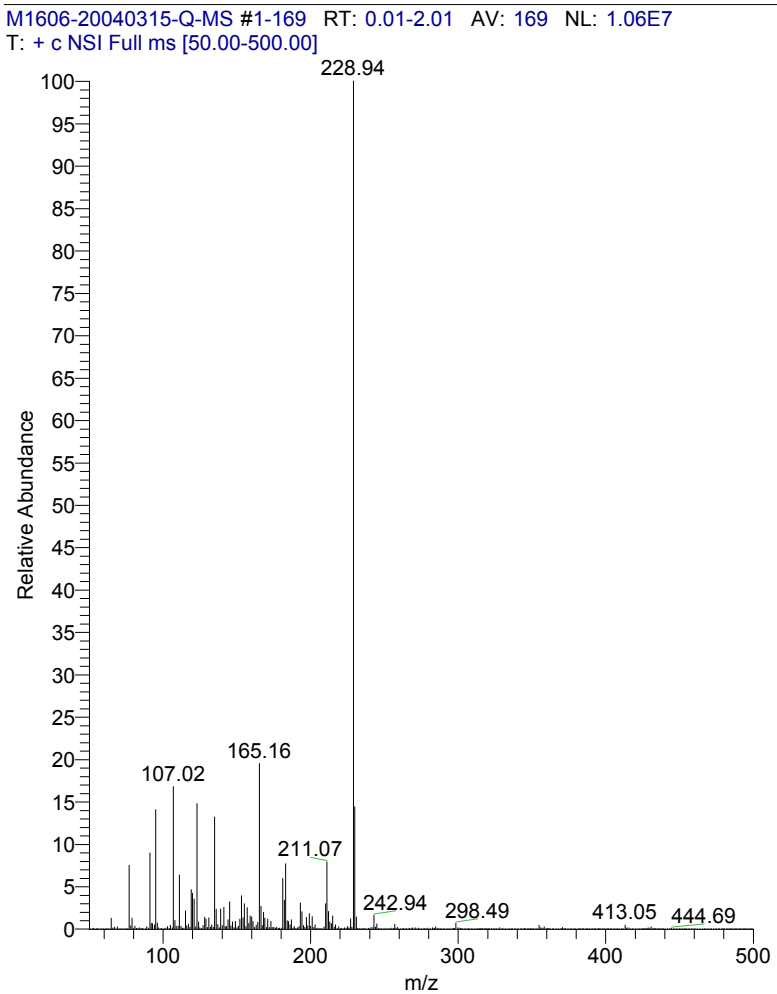
Result Table (Uncal - int21217 - Unit 2 UV)

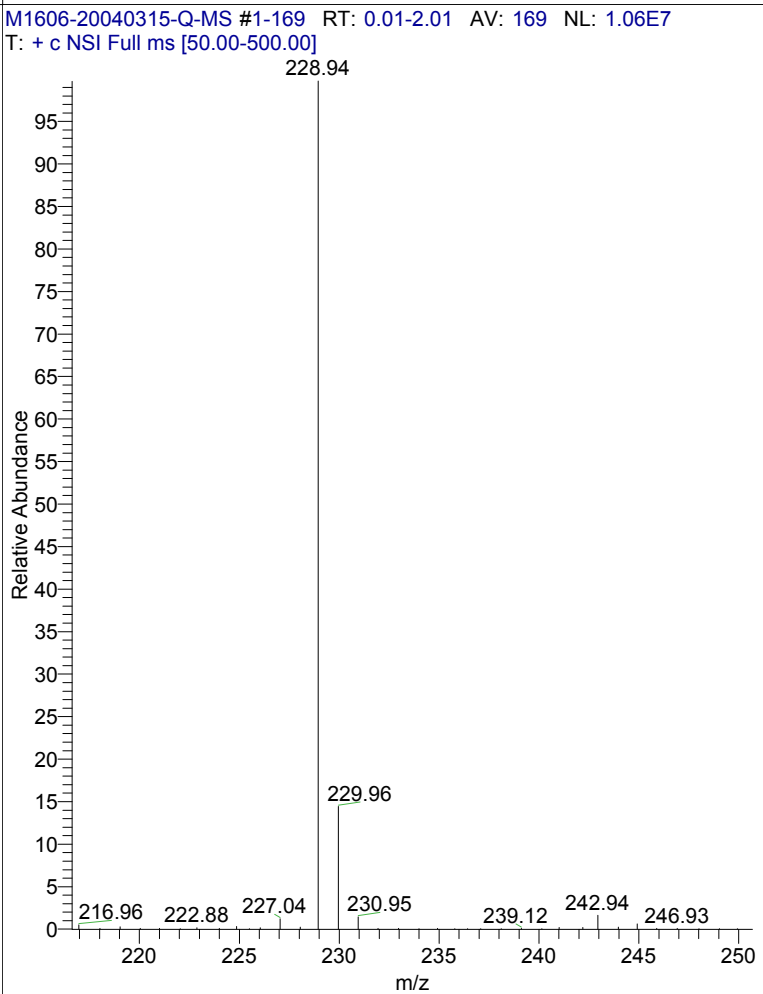
Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
No peak to report					



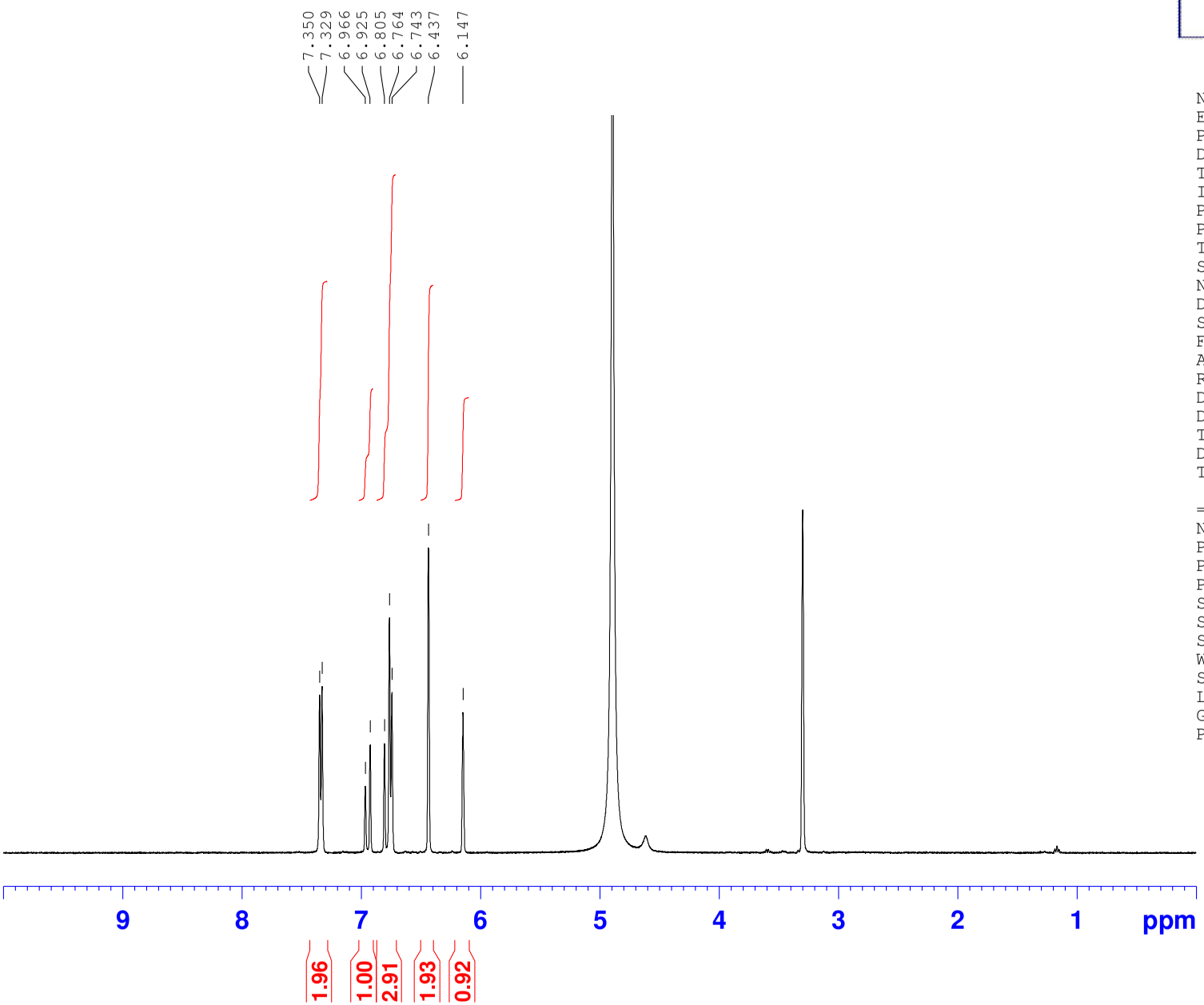
M1606-20040315-Q-MS#1-169 RT: 0.01-2.01
T: + c NSI Full ms [50.00-500.00]
m/z= 225.27-242.30

m/z	Intensity	Relative
227.04	126354.5	1.19
228.04	21789.2	0.21
228.94	10623465.1	100.00
229.96	1530169.5	14.40
230.95	151117.3	1.42
231.95	7442.4	0.07
232.98	7288.5	0.07
233.99	2861.0	0.03
234.92	4419.4	0.04
235.78	438.1	0.00
236.43	1831.0	0.02
237.09	2756.6	0.03
238.11	3543.6	0.03
239.12	7839.0	0.07
240.15	3441.3	0.03
241.01	16684.9	0.16
242.20	16395.5	0.15

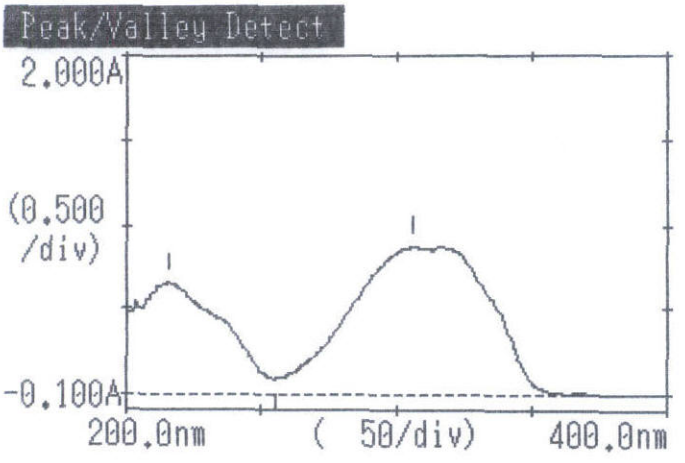




M1606 1H NMR in MeOD
Batch 20040315-Q



NAME	M1606-20040315-Q	
EXPNO	1	
PROCNO	1	
Date_	20110713	
Time	10.12	
INSTRUM	spect	
PROBHD	5 mm PABBO BB-	
PULPROG	zg30	
TD	65536	
SOLVENT	MeOD	
NS	256	
DS	0	
SWH	8278.146	Hz
FIDRES	0.126314	Hz
AQ	3.9584243	sec
RG	4	
DW	60.400	use
DE	6.50	use
TE	294.1	K
D1	2.00000000	sec
TD0	1	
======== CHANNEL f1 =======		
NUC1	1H	
P1	14.50	use
PL1	-0.70	dB
PL1W	10.03411102	W
SFO1	400.1324710	MHz
SI	32768	
SF	400.1300148	MHz
WDW	no	
SSB	0	
LB	0.00	Hz
GB	0	
PC	1.00	



Date:	2011/07/14 10:25:18
Measure mode:	Abs
Scan range / nm:	400.0 - 200.0
Scan pitch / nm:	1.0
Scan speed:	Fast
Slit width / nm:	1.0

Peak
306.00 0.879
216.00 0.658
Valley
255.00 0.087