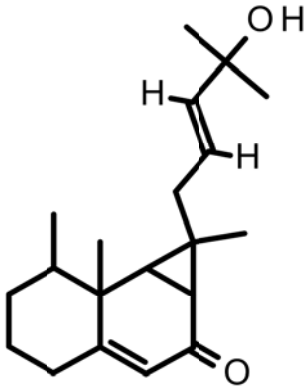


HARBOR BRANCH

HBOI-371	
Terpene cyclopropyl alcohol	
$C_{20}H_{30}O_2$	302.45 (MS has loss of H ₂ O)
Paramuriceidae 24-VIII-85-1-006 SAM 33-82-01	
No publication	

PO NUMBER: PO40657 Bar Code: 1447414

hplc (trace attached)

Method: Vydac C18 Protein and Peptide, 4.6 x 250mm, 10 μ

flow 1 ml/min, detection: PDA: UV (extracted at 220 nm, black), ELSD (green dotted)

A: H₂O:CH₃CN (95:5, v/v), B: CH₃CN

t=0 min A:B (90:10, v/v), t=20 min (100%B) , t=28 min (100%B)

LC-MS (spectrum attached) we see loss of H₂O- but NMR is consistent with this assignment

Method: Vydac C18 Protein and Peptide, 2.1x150 mm, flow 0.2 ml/min

A: H₂O (0.1% formic acid), B: CH₃CN (0.1% formic acid)

t= 0 min A:B (90:10, v/v), t=15 min (100%B), t=21 min (100%B), t=22.1 min A:B(90:10, v/v)

using a linear gradient

¹H (600 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

¹³C (150 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

solubility CHCl₃/MeOH (9:1) MeOH DMSO

estimated purity >90%

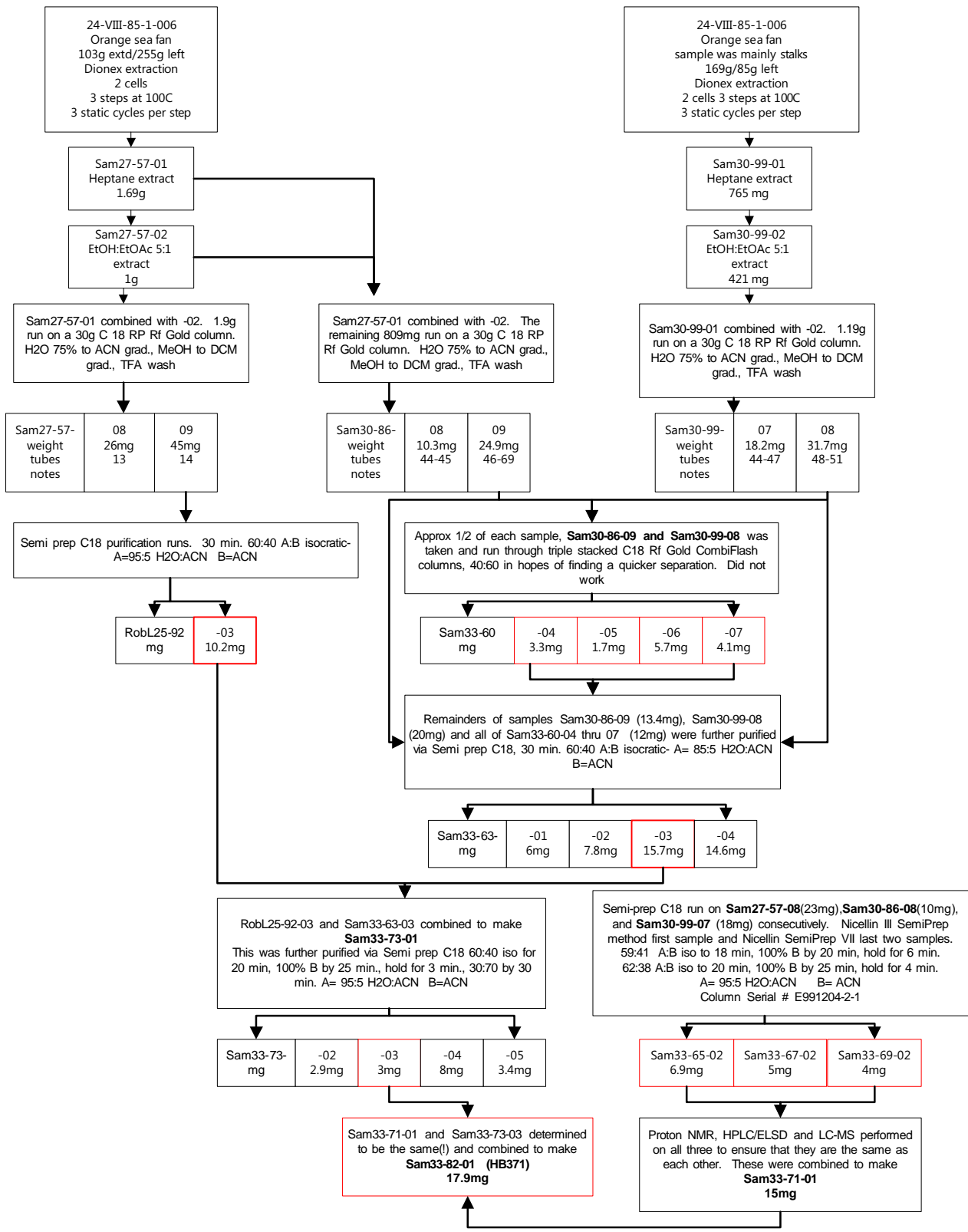
sample weight 10.5 mg

For further information contact:

Amy E. Wright, PhD, HBOI@FAU, 5600 US 1, North, Fort Pierce, FL 34946

awright33@hboi.fau.edu, 772-242-2459

Date: _____



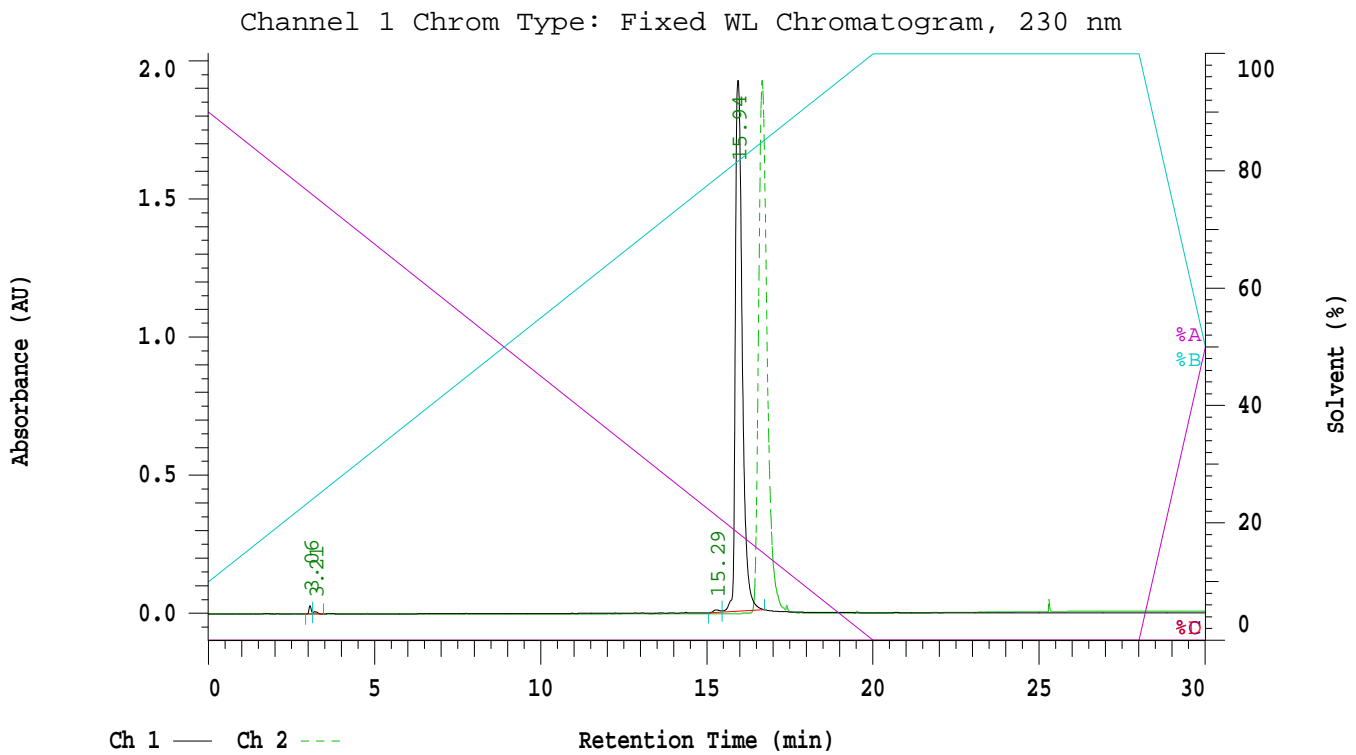
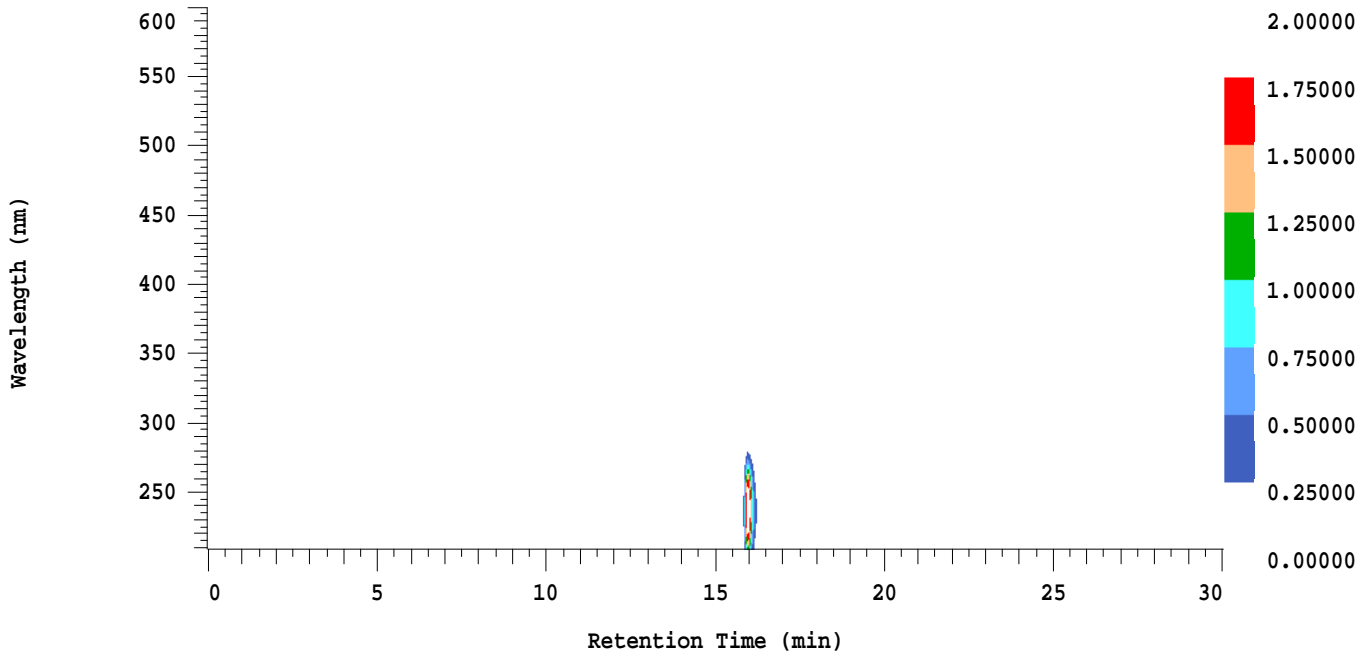
D-2000 Elite HPLC System Manager Report

Analyzed: 01/08/2014 12:20 PM

Reported: 01/08/2014 02:42 PM

Sample Name: Sam33-82-01 HB371

Sample Description: 24-VIII-85-1-006 HB371



Acquisition Method: autosampler_30min_wELSD

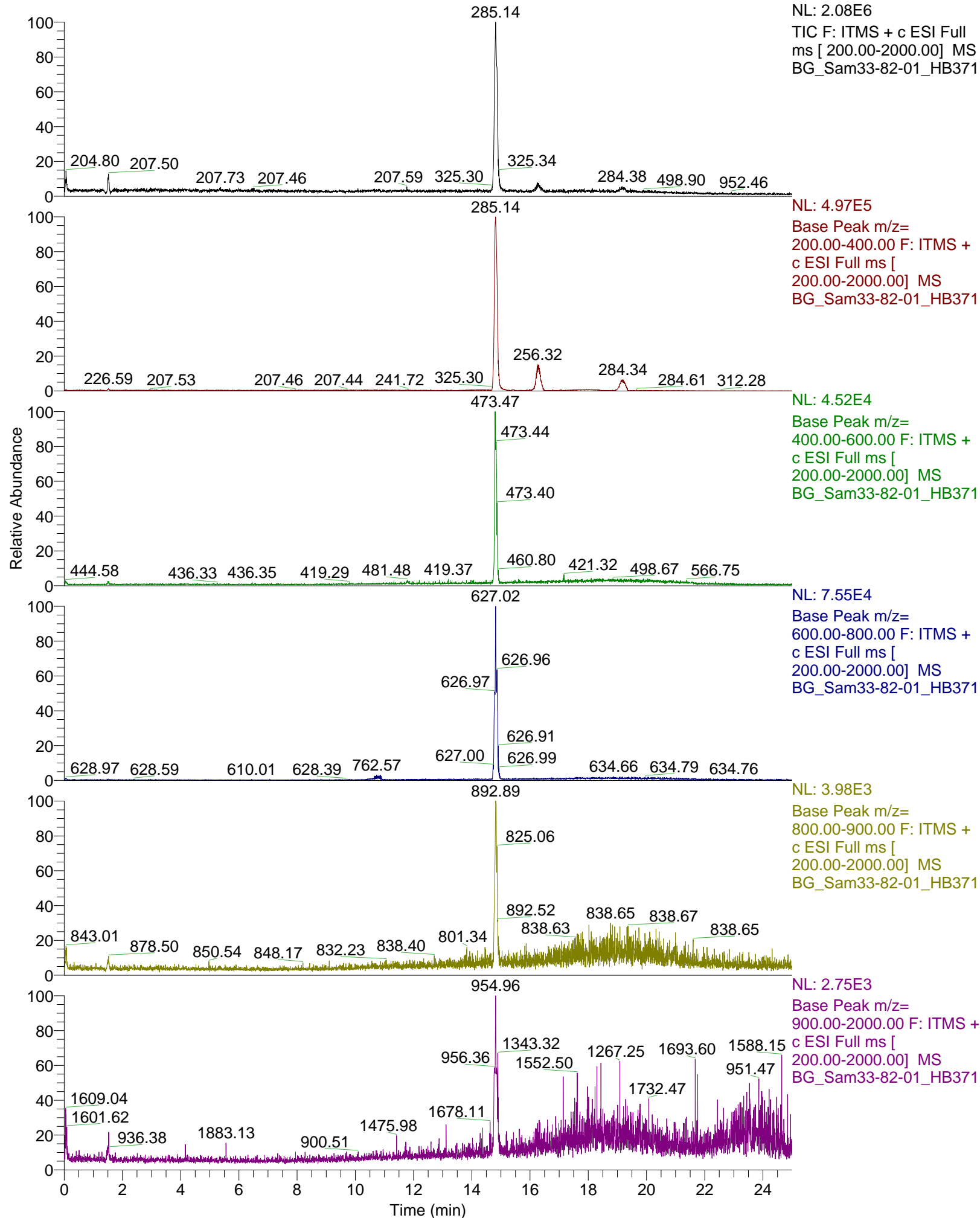
Column Type: Vydac C18

Pump A Solvent A: H2O/5% ACN

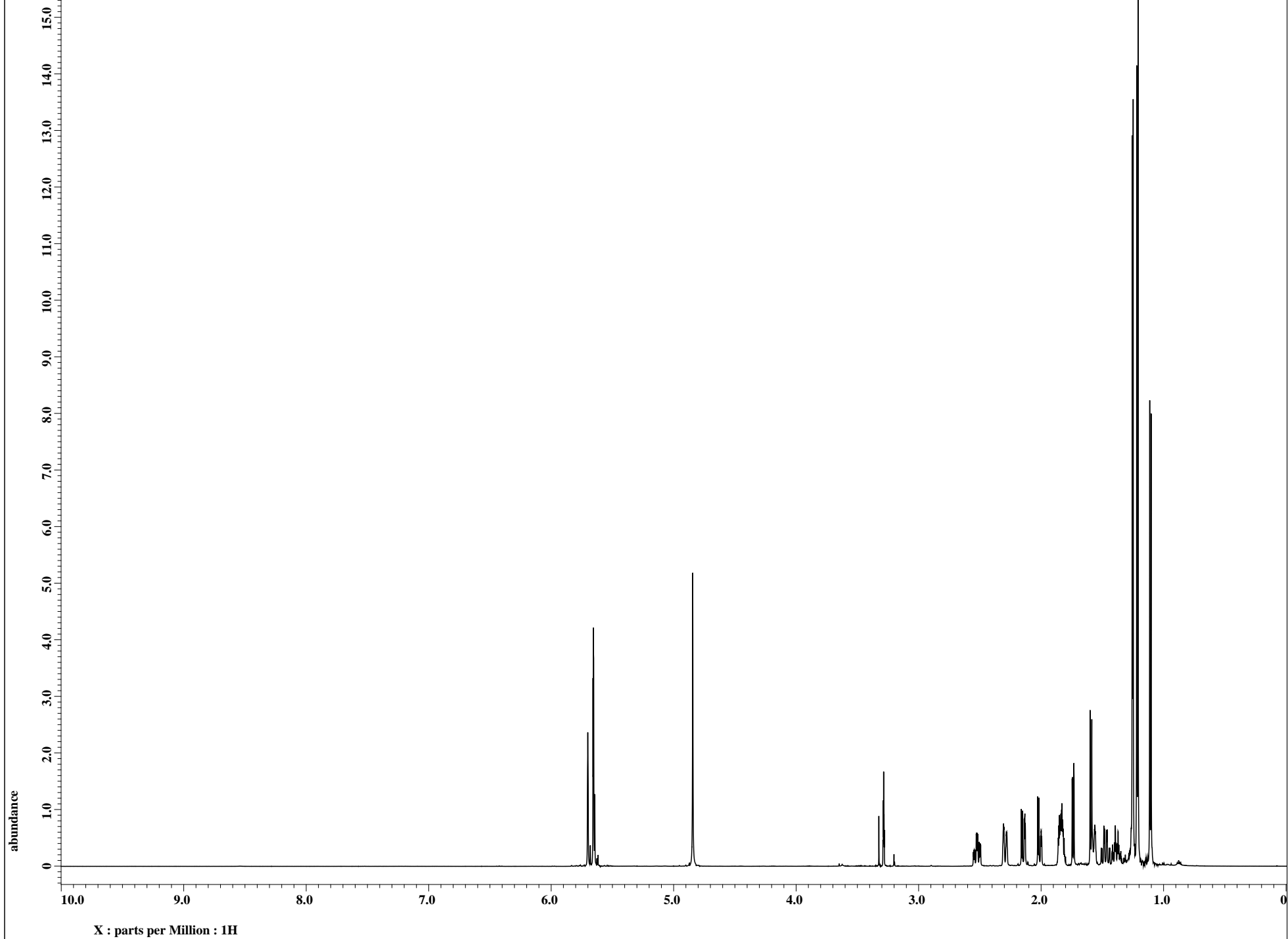
Pump A Solvent B: ACN

Method Description:

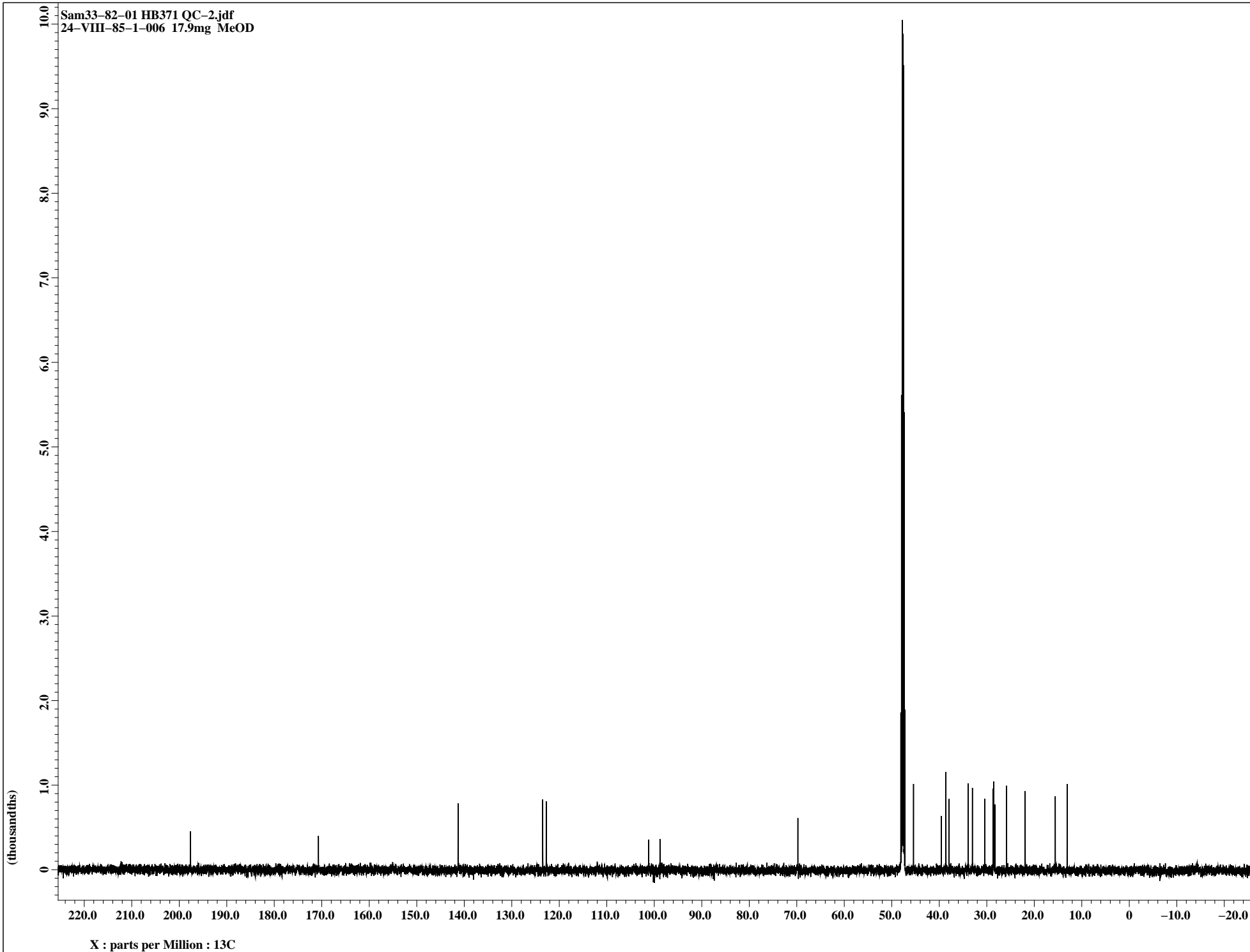
RT: 0.00 - 24.99



Sam33-82-01 QC-3.jdf
24-VIII-85-1-006 17.9mg MeOD



Sam33-82-01 HB371 QC-2.jdf
24-VIII-85-1-006 17.9mg MeOD



X : parts per Million : 13C