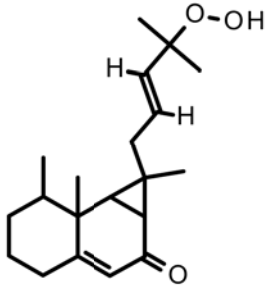


HBOI-388			
	<p>Formula Weight : 318.45(2) Exact Mass : 318.21949483(1) Formula : C₂₀H₃₀O₃</p>		
	<p>Terpene cyclopropyl hydroperoxide</p>		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">C₂₀H₃₀O₃</td> <td style="width: 50%; padding: 2px;">318.45</td> </tr> </table>	C ₂₀ H ₃₀ O ₃	318.45
C ₂₀ H ₃₀ O ₃	318.45		
	<p>Paramuriceidae 24-VIII-85-1-006 SAM33-73-04</p>		
	<p>No publication</p>		

PO NUMBER: PO40657 Bar Code: 1447433

hplc (trace attached)

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

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

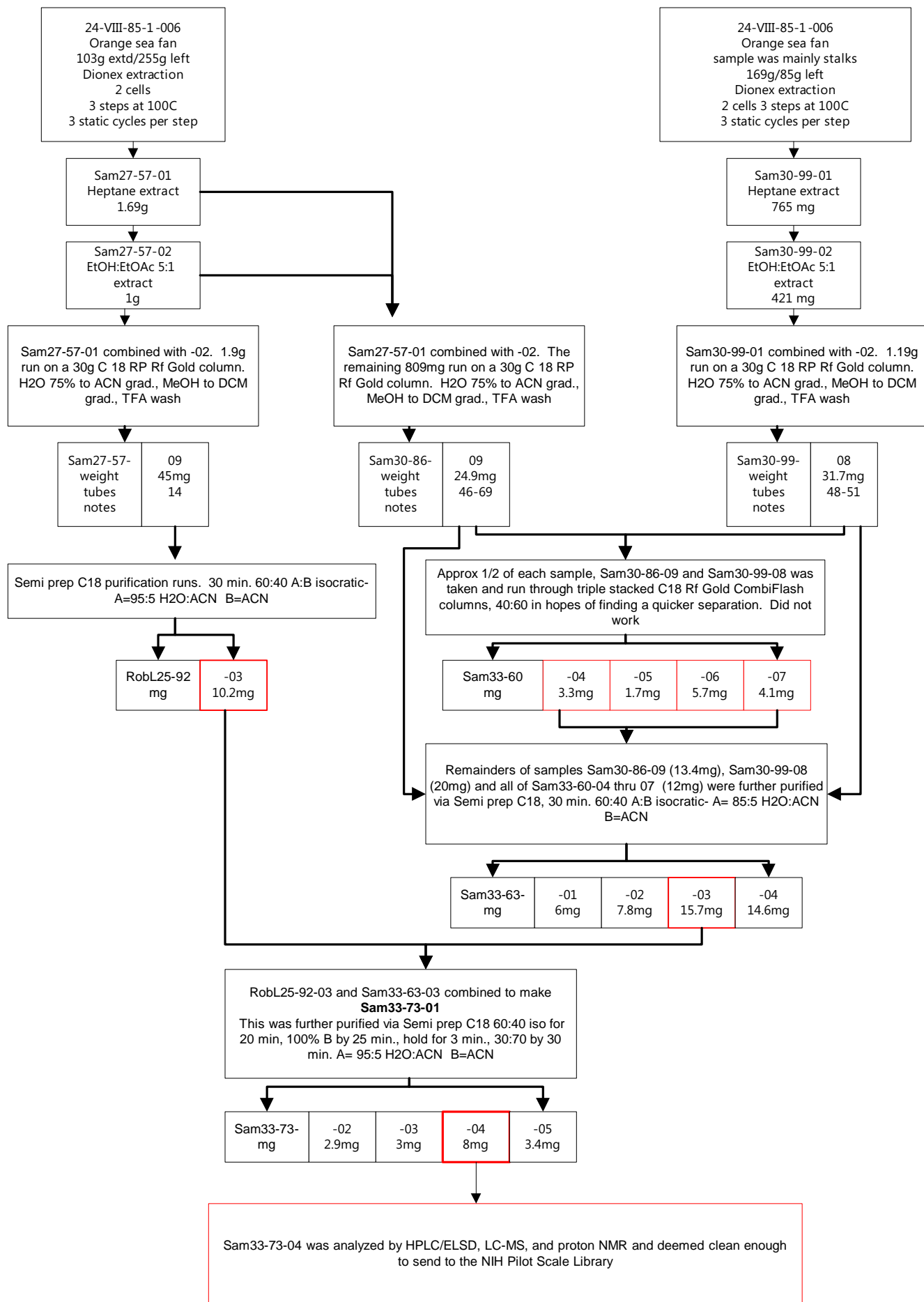
estimated purity >90%

sample weight 5.9 mg

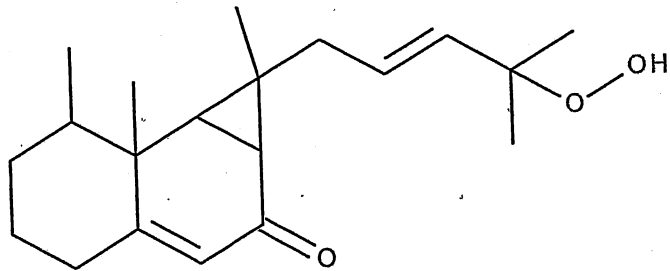
For further information contact:

Amy E. Wright, PhD, HBOI@FAU, 5600 US 1, North, Fort Pierce, FL 34946
awrigh33@hboi.fau.edu, 772-242-2459

Date: _____



SAM33-73-04



Formula Weight : 318.45(2)
Exact Mass : 318.21949483(1)
Formula : $C_{20}H_{30}O_3$

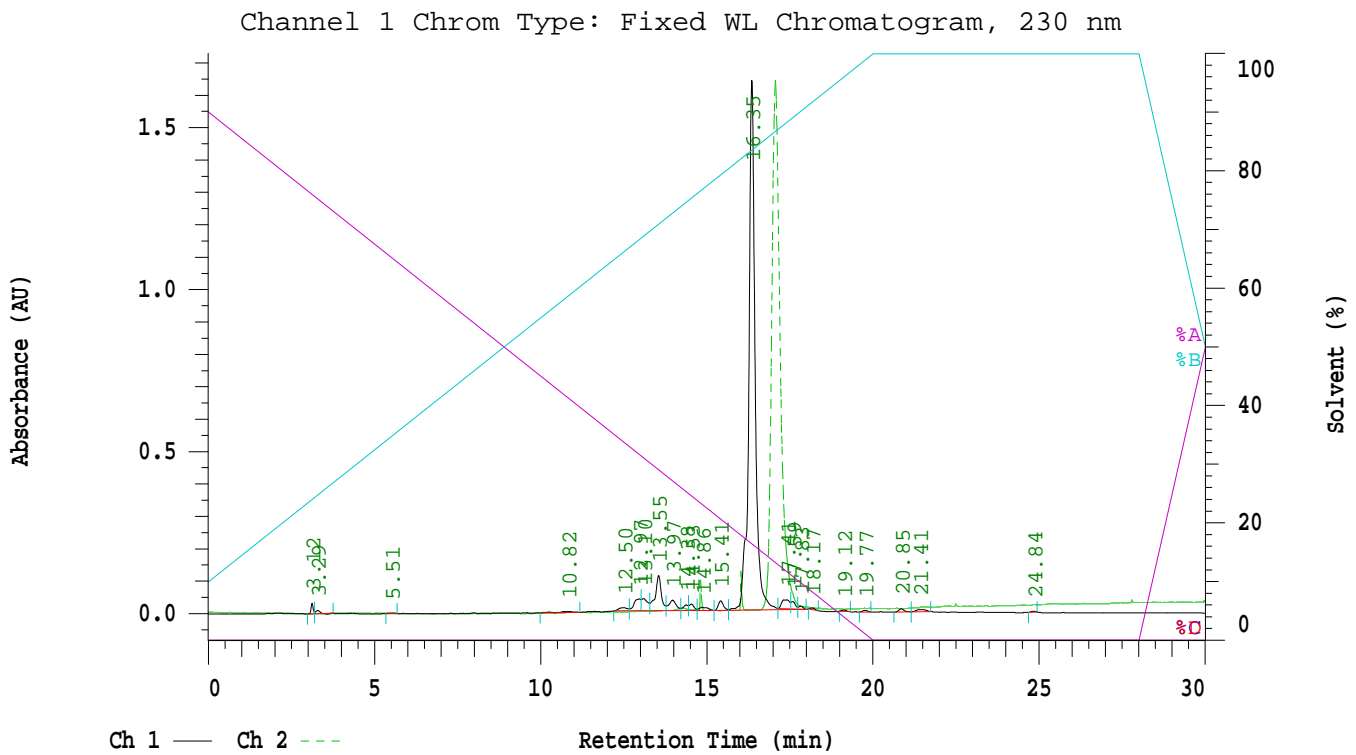
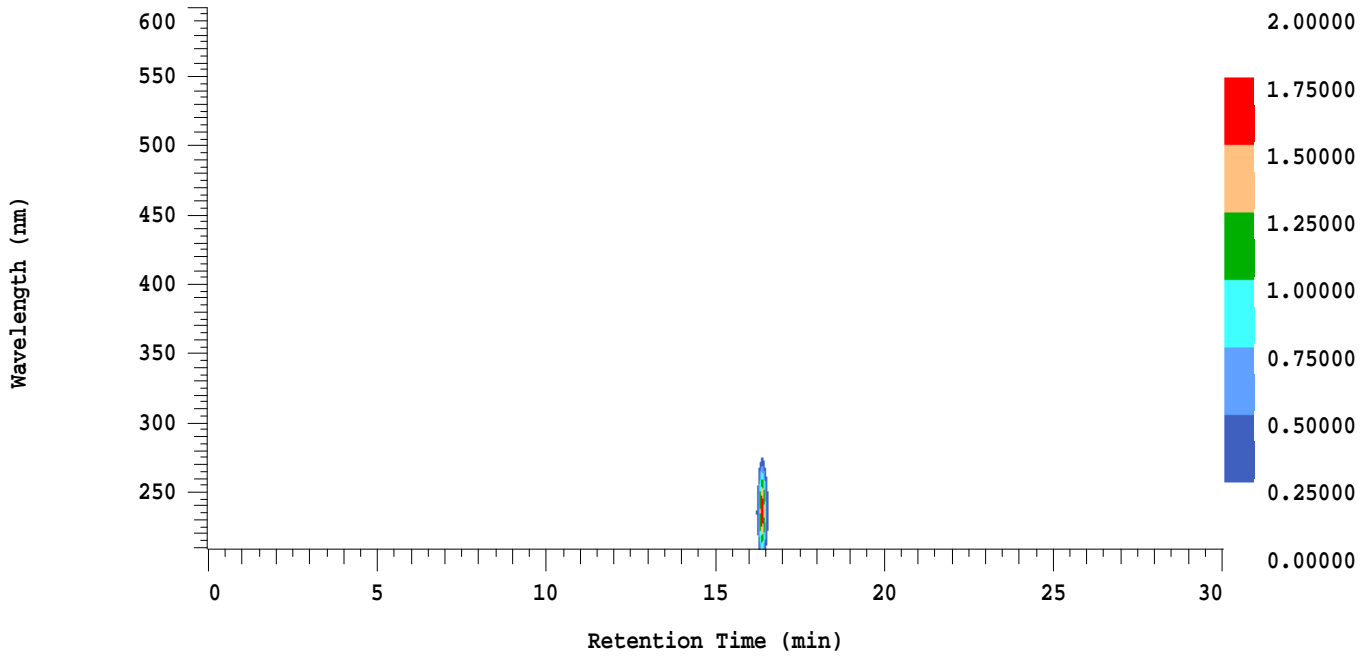
D-2000 Elite HPLC System Manager Report

Analyzed: 04/06/2014 01:00 PM

Reported: 04/07/2014 09:14 AM

Sample Name: Sam33-73-04

Sample Description: 24-VIII-85-1-006 1mg/ml



Acquisition Method: autosampler_30min_wELSD

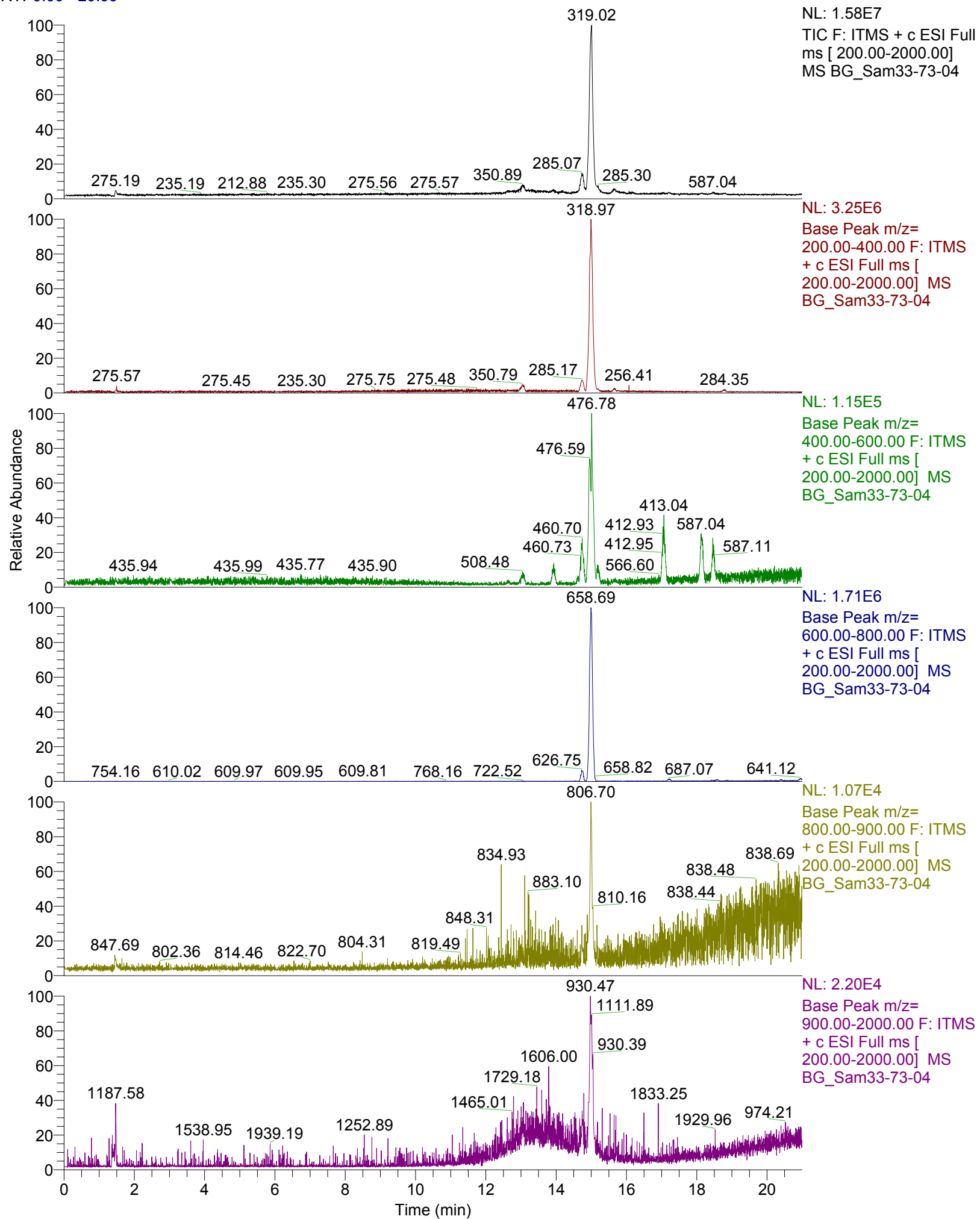
Column Type: Vydac C18

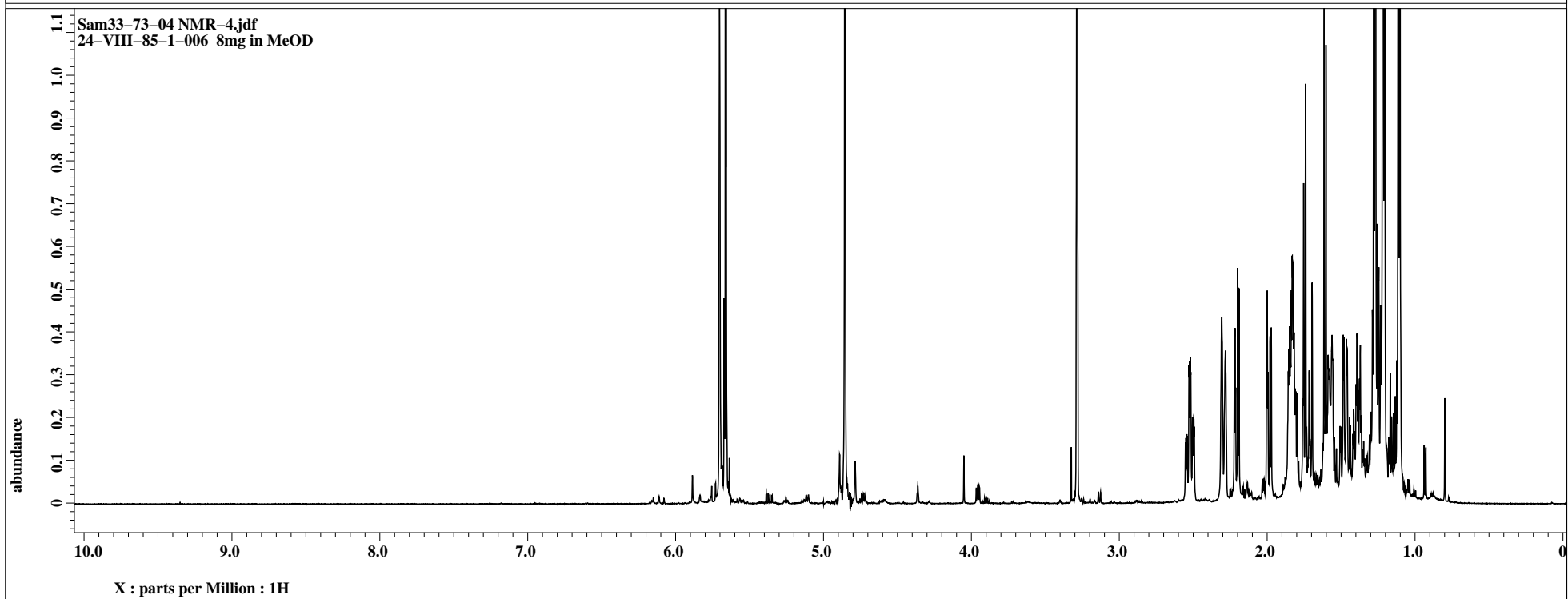
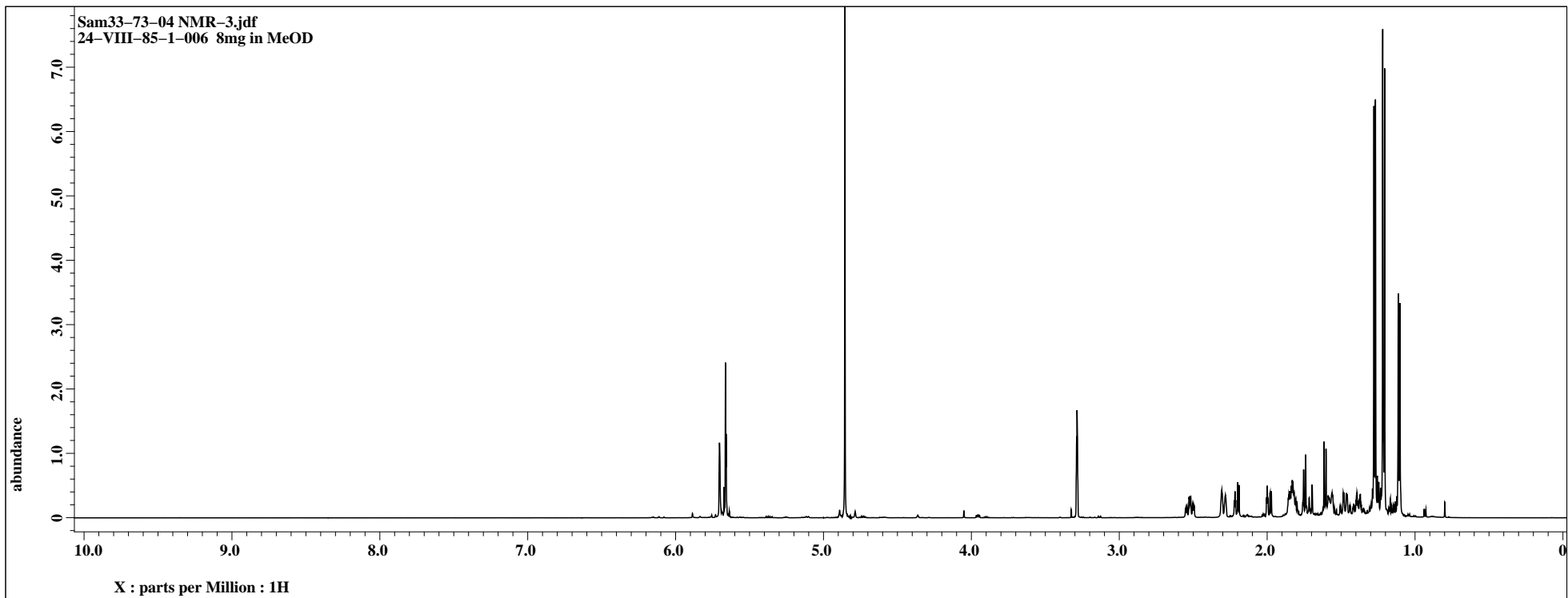
Pump A Solvent A: H2O/5% ACN

Pump A Solvent B: ACN

Method Description:

RT: 0.00 - 20.99





Sam33-73-04 Carbon-2.jdf
24-VIII-85-1-006 8mg in MeOD

(thousands)

4.0

3.0

2.0

1.0

0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 -10.0 -20.0

X : parts per Million : ¹³C

