PetroOrg[©] Software

A chemically intelligent, state of the art software developed specifically for petroleum data analysis acquired by mass spectrometry.

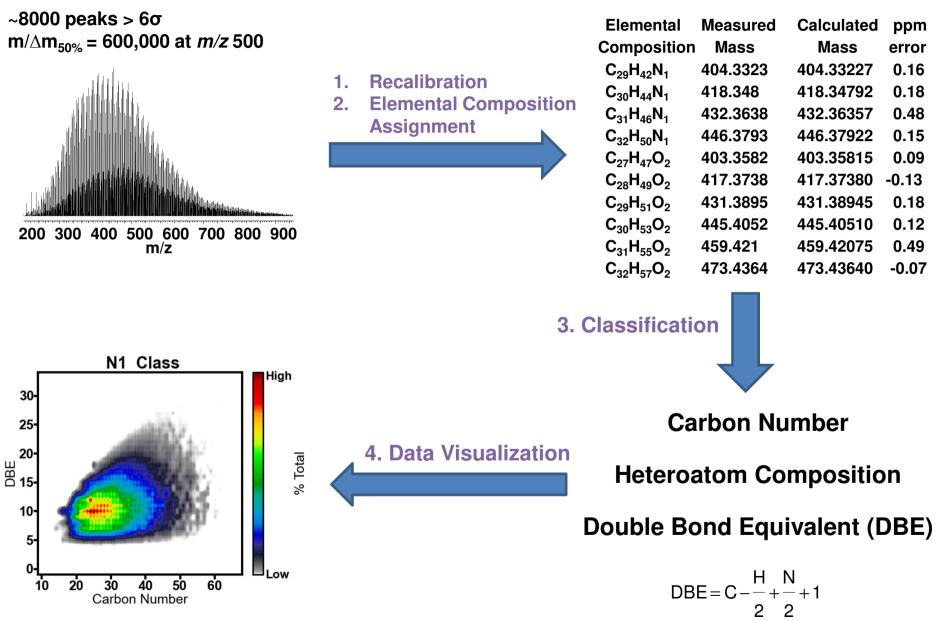


http://www.petroorg.com

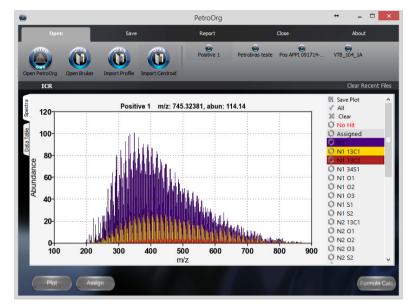
Corilo, Y. E. PetroOrg Software; Omics LLC; All rights reserved.

The PetroOrg Petroleomic Workflow

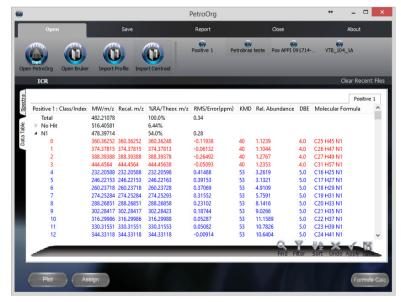
FT-ICR MS



Dynamic and Flexible Class Visualization



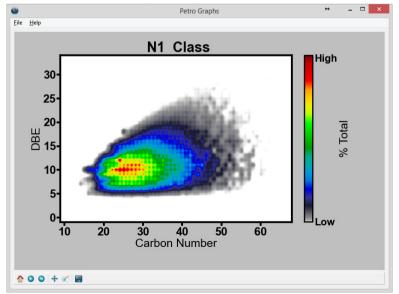
Complete Molecular Characterization and Detail for Each Class



Data Organization by Heteroatomic Class

Open	Save		Report		Close		About
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			Positive 1 Pet	robras te	este Pos APPI 091	714 VTB_	_104_1A
en PetroOrg Open Bruke	r Import Profile	Import Centroid					
ICR							Clear Recent File
Positive 1 : Class/Index							Positive 1
Positive 1 : Class/Index	MW/m/z Reca	I. m/z %RA/Theor. m/z	RMS/Error(ppm)	KMD	Rel. Abundance	DBE Molecul	ar Formula 🔷
Total	482.21078	100.0%	0.34				
No Hit	516.40581	6.44%					
▷ N1	478.39714	54.0%	0.28				
N1 S1	481.7296	17.41%	0.26				
▶ N1 01	464.18489	4.61%	0.29				
▶ 01 S1	342.26623	1.5%	0.27				
N1 02	420.33894	0.95%	0.21				
N1 S2	498.83721	0.63%	0.25				
N1 01 S1	504.85651	0.49%	0.34				
N2 O2	570.81516	0.15%	0.64				
N1 O3 S2	573.5836	0.11%	0.86				
N1 O2 S1	612.79271	0.06%	0.29				
N1 O3	412.92253	0.06%	0.23				
N2 S2	788.62127	0.02%	0.45				
N2 O3	516.92911	0.01%	0.64				
N N1 01 07	556 17610	0.019/	0.26				~
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Comprehensive, Customizable, and Batch Data Visualization



Integration with the Bruker solariX

solariX[®] XR data

m/z





- 1. Recalibration
- 2. Elemental Composition Assignments
- 3. Classification

m/z Carbon Number Heteroatom Class DBE



4. DATA VISUALIZATION 5. REPORT GENERATION

