

Napier Grass

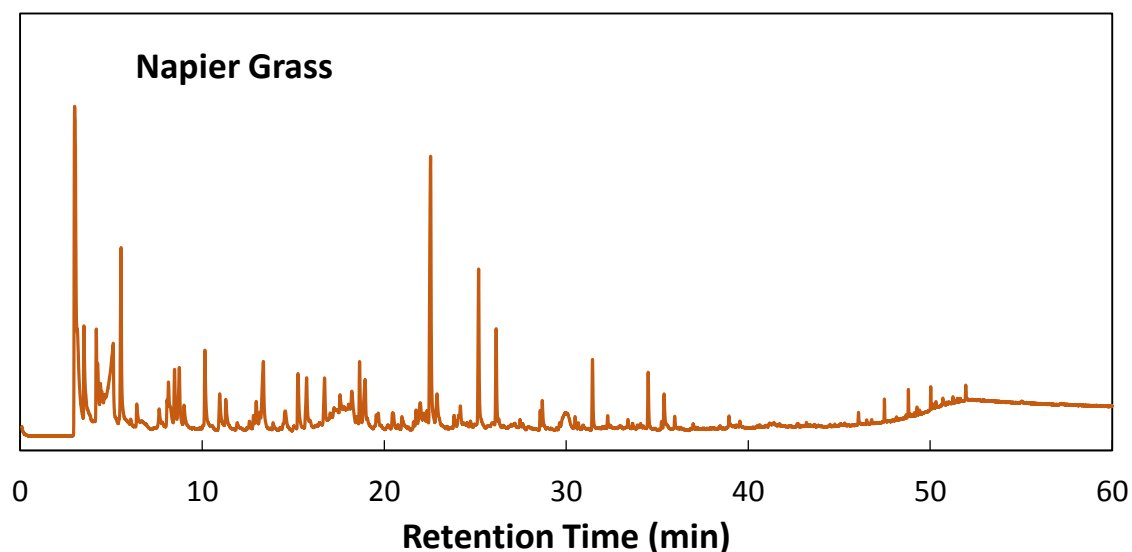
Sample Preparation:

Drying Temperature, °C:	25
Particle size, µm:	75-150

Condition of analysis:

Part	Condition
Pyroprobe	- Pyrolyzed at 500°C for 0.20 min of hold time
Column	- (UA5-30M-0.25F, 30m, 0.25mm i.d., 0.25 m film thickness)
Inlet	- split ratio at 1:25 - 280°C of injector temperature
Oven	- initial temperature: 40°C (3 min) to 200°C (heating rate at 5°C/min) final Temperature: 350°C (heating rate at 10°C/min) and 10 min of hold time
MS	- operate in IE mode - mass spectra scan from 20 to 800 m/z

Pyrogram :



Product selectivity:

Sample	Functional Group of Composition												
	HC		Oxygenated										
	Aromatics	Aliphatics	Acids	Fatty acids	Alcohols	Aldehydes	Esters	Ethers	Ketones	Phenols	N-Com.	Sugars	Steroids
Napier Grass	19.91	6.27	8.47	0.18	0.25	3.67	5.37	0.00	12.35	17.33	1.84	2.60	0.00