A

Signal Intensity

Gaviota

1 2 3 4 5 6 8 9 10

El Capitan

Santa Monicas

Zuma

7

Santa Cruz

Santa Rosa

1. alpha-pinene
2. beta-pinene
3. cis-beta-ocimene
4. internal standard
5. unknown compound
6. methyl geranate
7. alpha-farnesene
8. elemol
9. isoaromadendrene epoxide
10. alpha-copaene

Retention Time (Minutes)

B

NMDS2

NMDS1

Population

- Gaviota
- El Capitan
- Santa Monicas
- Zuma
- Santa Cruz
- Santa Rosa

C

Population	Aliphatics	Aromatics	Mono-terpenes	Sesqui-terpenes	Unknown Compounds
Gaviota n = 7	**3.43** (±0.65)	**0.58** (±0.12)	**22.50** (±4.08)	**47.28** (±15.79)	**4.30** (±2.21)
El Capitan n = 6	**3.97** (±0.94)	**0.72** (±0.19)	**26.55** (±9.04)	**74.75** (±23.86)	**8.59** (±2.70)
Santa Monicas n = 4	**3.35** (±0.99)	**2.50** (±0.81)	**26.01** (±4.80)	**103.22** (±34.62)	**33.23** (±7.82)
Zuma n = 5	**3.93** (±0.54)	**1.26** (±0.53)	**28.79** (±5.24)	**76.72** (±22.31)	**17.70** (±4.28)
Santa Cruz n = 11	**4.55** (±0.85)	**0.09** (±0.03)	**0.82** (±0.26)	**1.45** (±0.44)	**0.02** (±0.02)
Santa Rosa n = 7	**1.38** (±0.44)	**0.09** (±0.07)	**0.03** (±0.03)	**0.24** (±0.20)	**0.00** (±0.00)