

**Conditions**

**Column:** ACE 5 C18  
**Dimensions:** 250 x 7.75 mm (semi-preparative separation) and 250 x 4.6 mm (analytical)  
**Part Number:** ACE-121-2508 and ACE-121-2546  
**Mobile Phase:** A: 0.1% TFA in H<sub>2</sub>O  
 B: 0.1% TFA in H<sub>2</sub>O/MeCN (10:90 v/v)

Gradient:	Semi-Preparative		Analytical	
	Time (mins)	%B	Time (mins)	%B
	0	10	0	13
	35	70	15	15

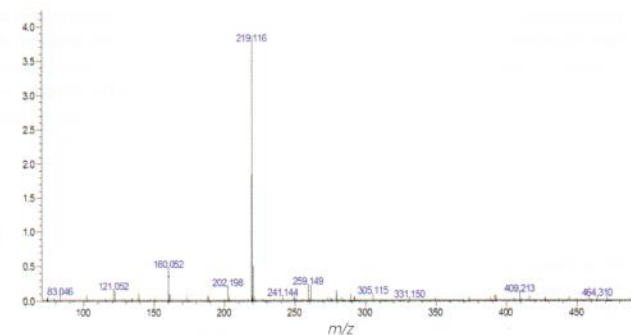
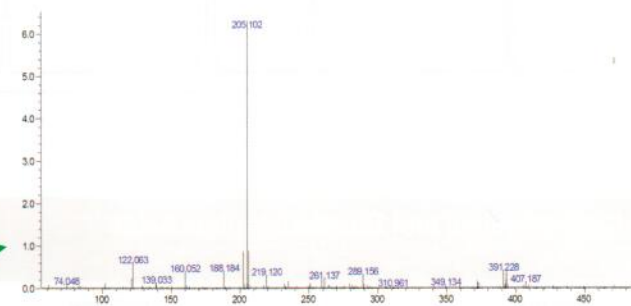
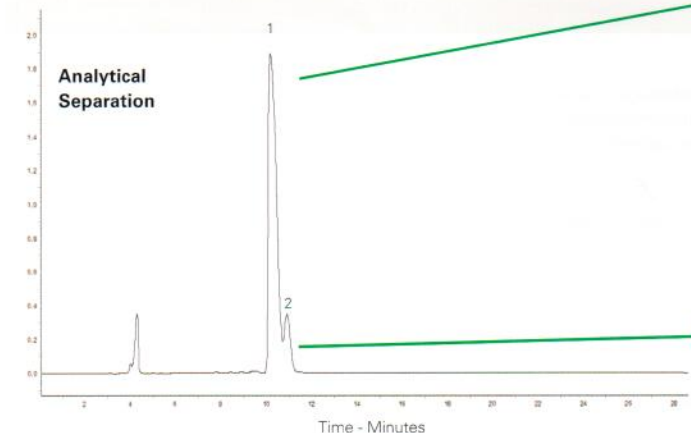
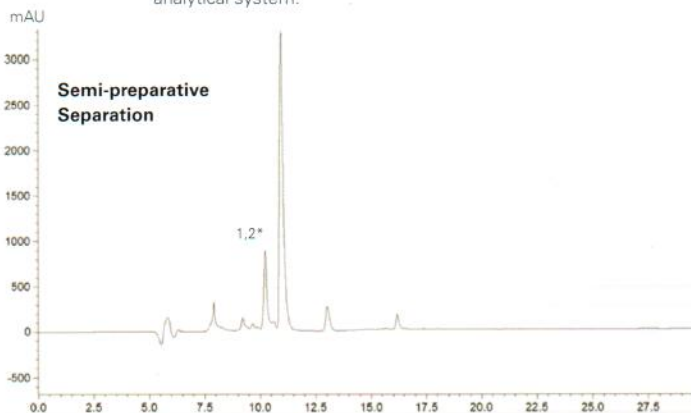
**Flow Rate:** 1.7 mL/min (semi-preparative) and 1.1 mL/min (analytical)  
**Temperature:** 4 °C

**Detection:** UV, 214 nm  
 MS positive ESI mode for peak identification

**Sample:** Aqueous extract from liquid-liquid partition of toad skin secretion  
 Fraction\* from semi-preparative separation injected into analytical system.

**Analytes**

1. Bufotenine  
 ([M+H]<sup>+</sup> m/z 205)
2. Bufotenidine (5-HTQ)  
 ([M+H]<sup>+</sup> m/z 219)



Vigerelli H, Sciani JM, Jared C, Antoniazzi MM, Caporale GMM, Rodrigues da Silva A, Pimenta DC. Bufotenine is able to block rabies virus infection in BHK-21 cells. *Journal of Venomous Animals and Toxins including Tropical Diseases* 2014, 20:45. doi:10.1186/1678-9199-20-45

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