

Chemical Information:

Name: 2-Aminoanthracene

Date of Analysis: 5 Apr 2007

CAS No.: 613-13-8

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201567

Lot No.: 03403ED

NTP_CID No.: 218

MW: 193.24 g/mol

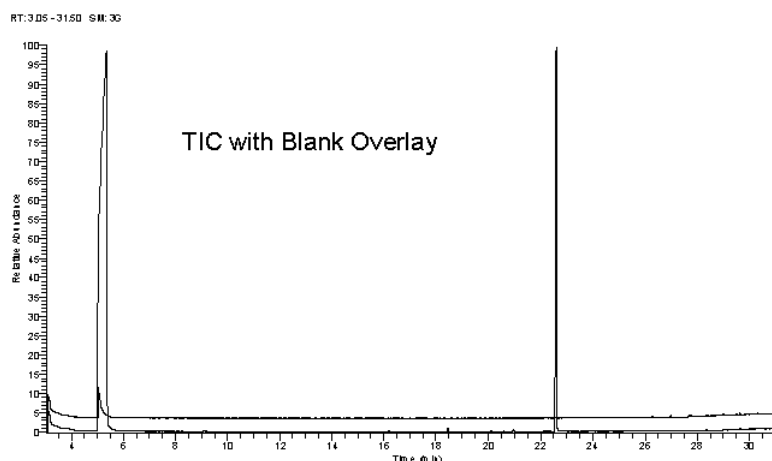
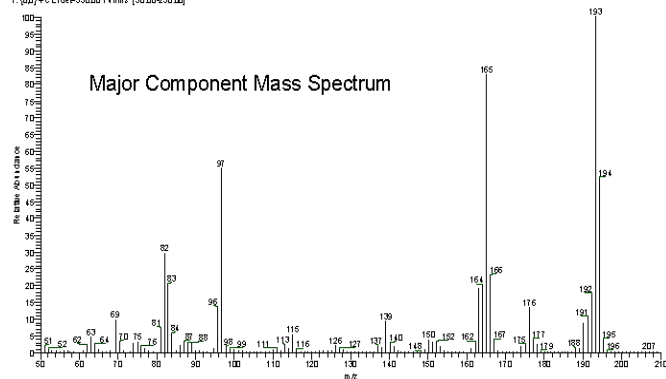
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.35	Not applicable
unknown	18.44	0.94
unknown	20.96	0.60
2-Aminoanthracene	22.58	98.12

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999


01/05/05 #236 RT: 22.58 AM: 1 NL: 3.03E5
T: (0.0) +0.010e+350.000 File: 50.00-250.D


NIST Reference Mass Spectrum

