

Chemical Information:

Name: 1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone
 CAS No.: 89-32-7 Supplier: Sigma-Aldrich
 Tox21_ID No.: Tox21_201714 Lot No.: 10811HH
 NTP_CID No.: 2569 MW: 218.12 g/mol

Date of Analysis: 7 October 2009

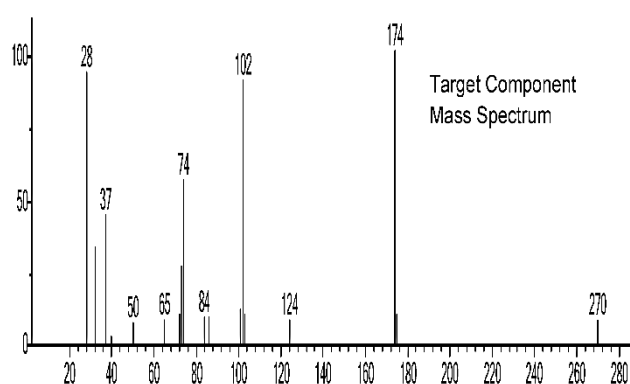
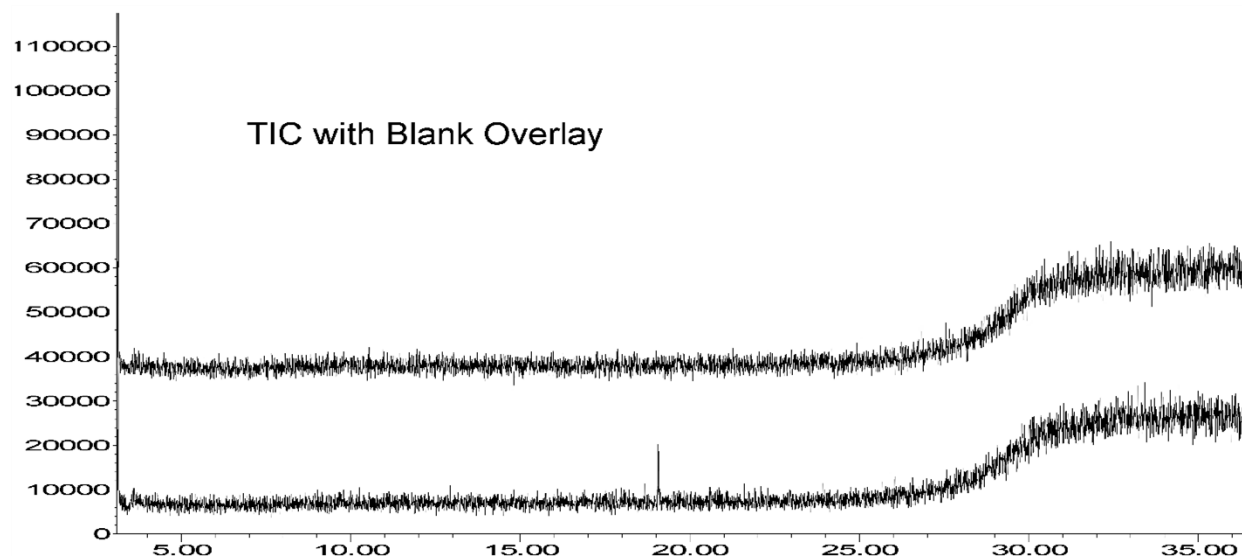
Purity and Identity Results:

Peak Identity ^a	Retention Time (min)
1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone	19.07

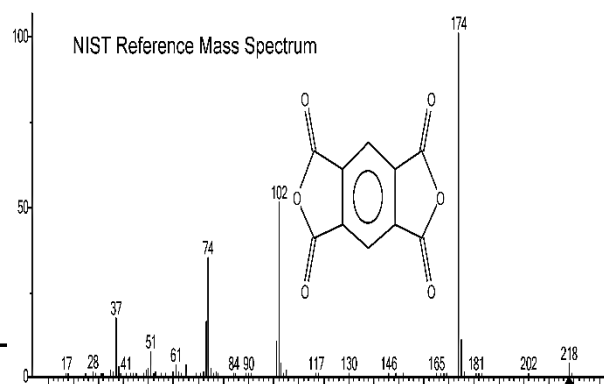
^a Identity was confirmed for the test article; however, response was not adequate for purity determination.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
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 7 min
Source Temperature	230°C
Auxiliary Temperature	150°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	MSD Chemstation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008



(Text File) Scan 2929 (19.065 min): 09.0702007.D\data.ms (-2900)



(m/z) 1,2,4,5-benzenetetracarboxylic anhydride