B

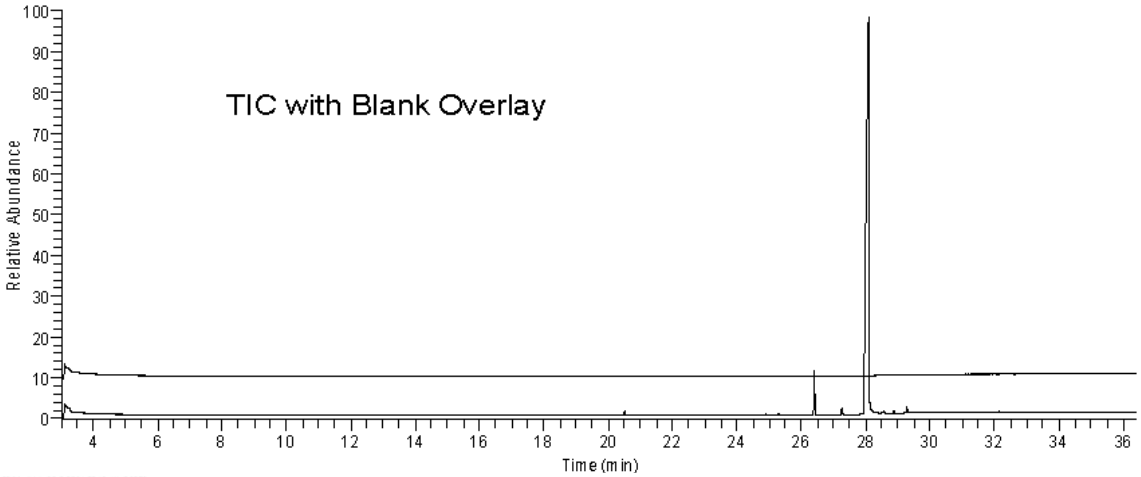
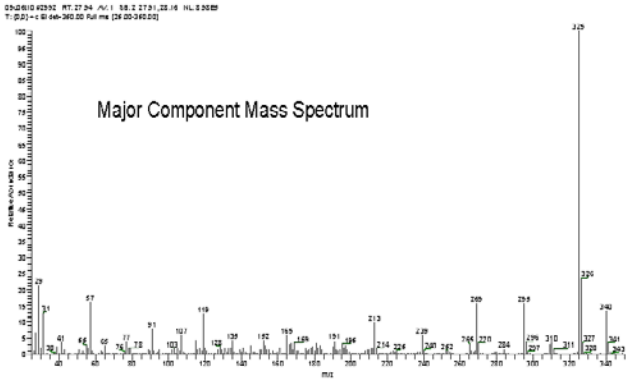
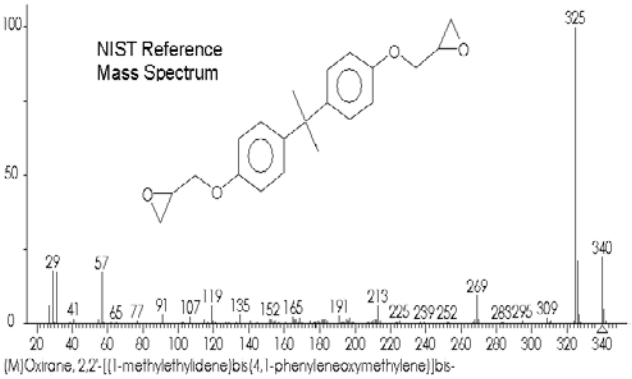
Chemical Information:

Name:	Bisphenol A diglycidyl ether		Date of Analysis: 06 March 2009
CAS No.:	1675-54-3	Supplier:	Sigma-Aldrich
Tox21_ID No.:	Tox21_202141	Lot No.:	1131426
NTP_CID No.:	558	MW:	340.41 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)[a]
unknown	26.41	3.11
Bisphenol A diglycidyl ether	27.26	0.57
unknown	28.09	94.37
unknown	29.27	0.66

[a] Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Splitless
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999