A

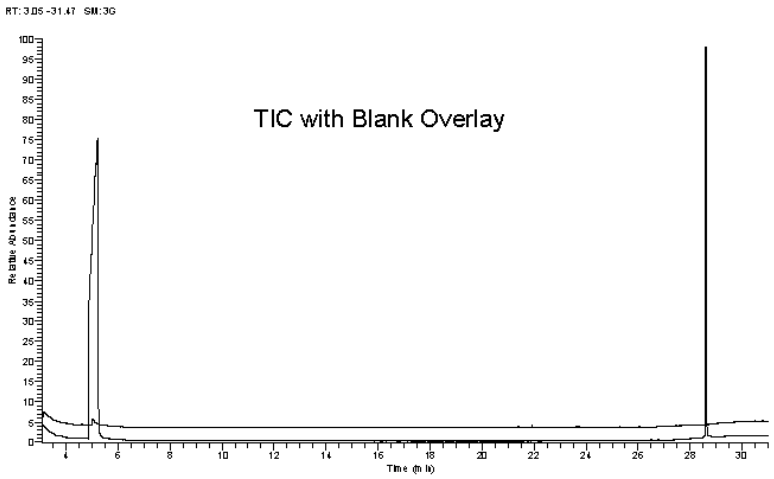
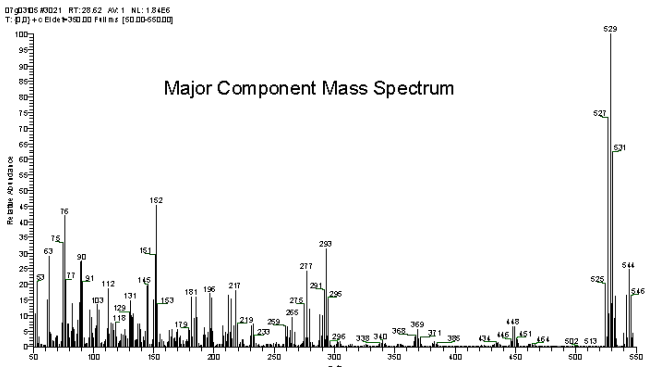
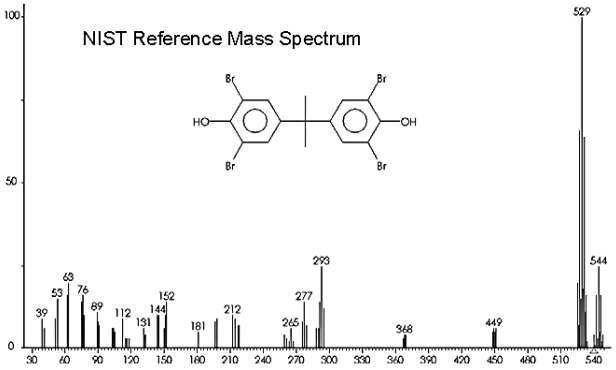
Chemical Information:

Name:	Tetrabromobisphenol A			Date of Analysis: 03 July 2007
CAS No.:	79-94-7	Supplier:	Sigma-Aldrich	
Tox21_ID No.:	Tox21_201981	Lot No.:	06914DD	
NTP_CID No.:	290	MW:	543-87 g/mol	

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)[a]
DMSO	5.22	Not applicable
Tetrabromobisphenol A	28.62	99.77

[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 – 550 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