

Chemical Information:

Name: Absciscic acid
CAS No.: 14375-45-2
Tox21_ID No.: Tox21_201137
NTP_CID No.: 432

Supplier: Sigma Aldrich
Lot No.: 02208PH
MW: 264.32 g/mol

Date of Analysis: 03 August 2015

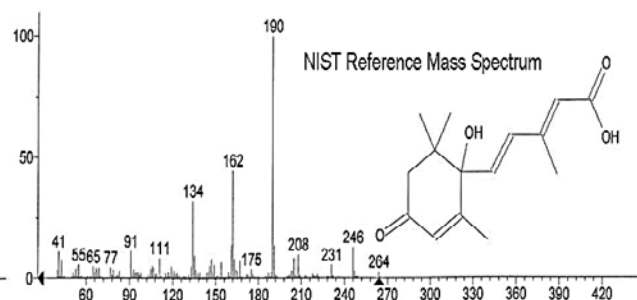
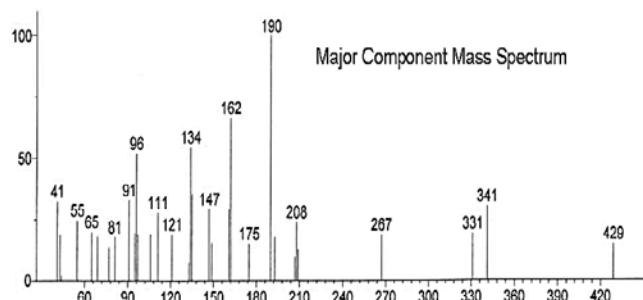
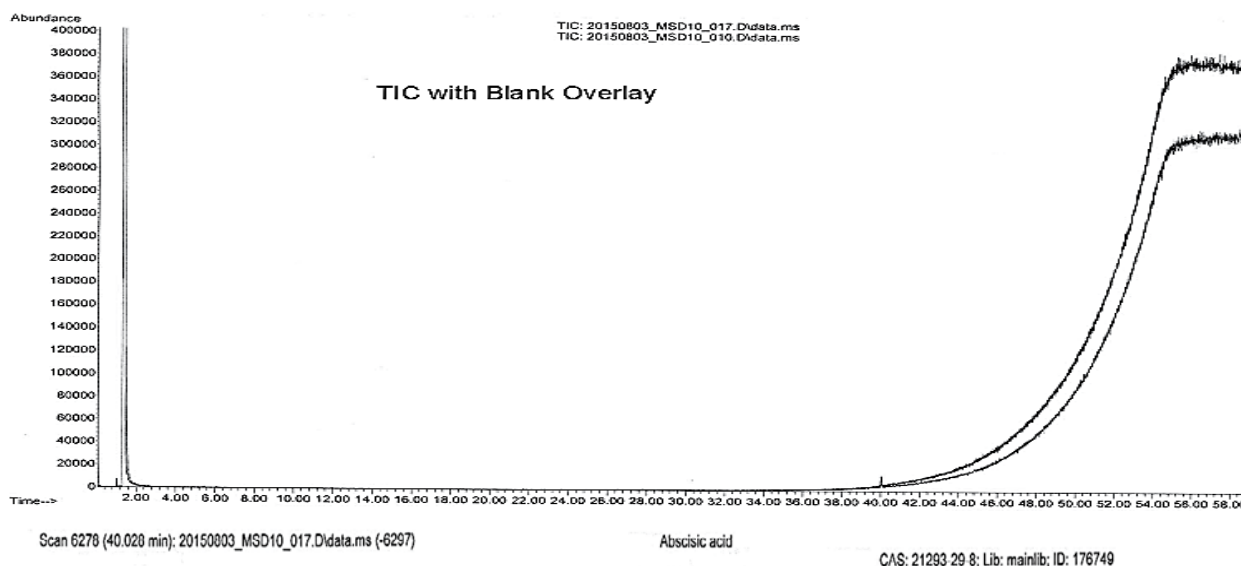
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
Abciscic acid	40.03	Not determined ^a

^a Component observed and identified; however, response was insufficient to determine impurities.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 400 µg/mL)
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 2 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 600 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Split (10:1)
Run Time	59 minutes
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014



Note: CAS# 14375-45-2 did not appear in the NIST library. Per PubChem, both CAS# 14375-45-2 and CAS# 21293-29-8 refer to absciscic acid.