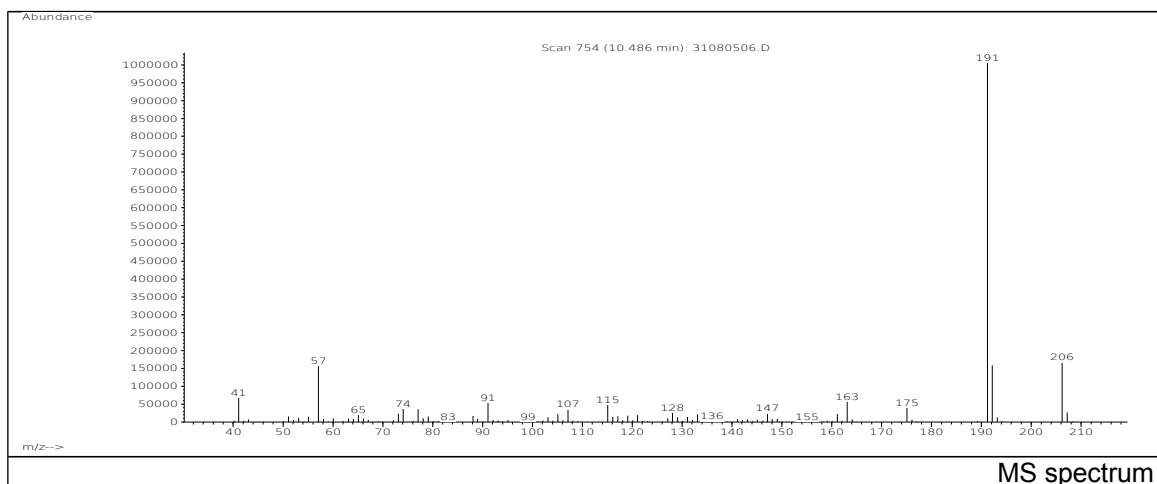
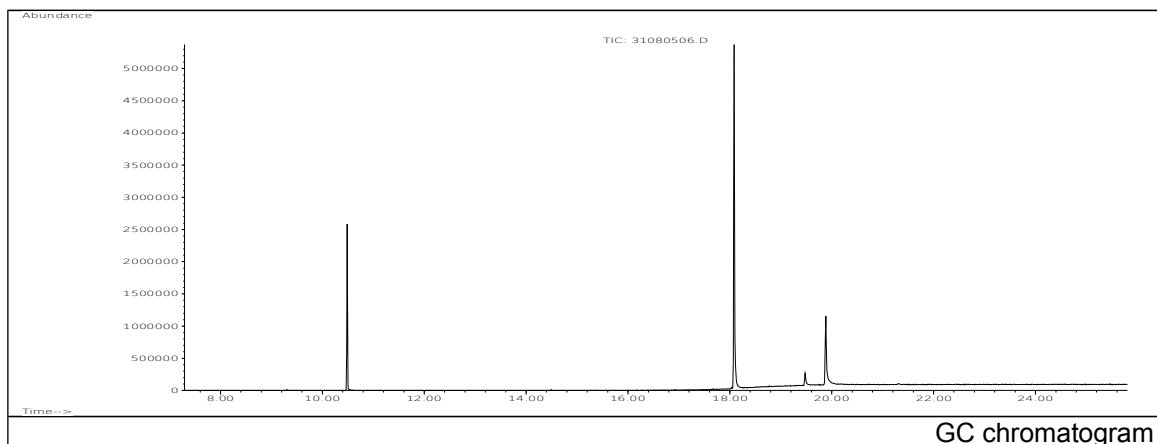


JRC CRL - FCM Database / GC-MS

Sample Name: Tetrakis(2,4-di-tert-butylphenyl)-4,4'-biphenylene diphosphonite
Solvent: Hexane
Concentration: 100 µg/mL

Date: 30/08/2005
CAS: 038613-77-3
PM ref: 92560 [U.R.N. A046]

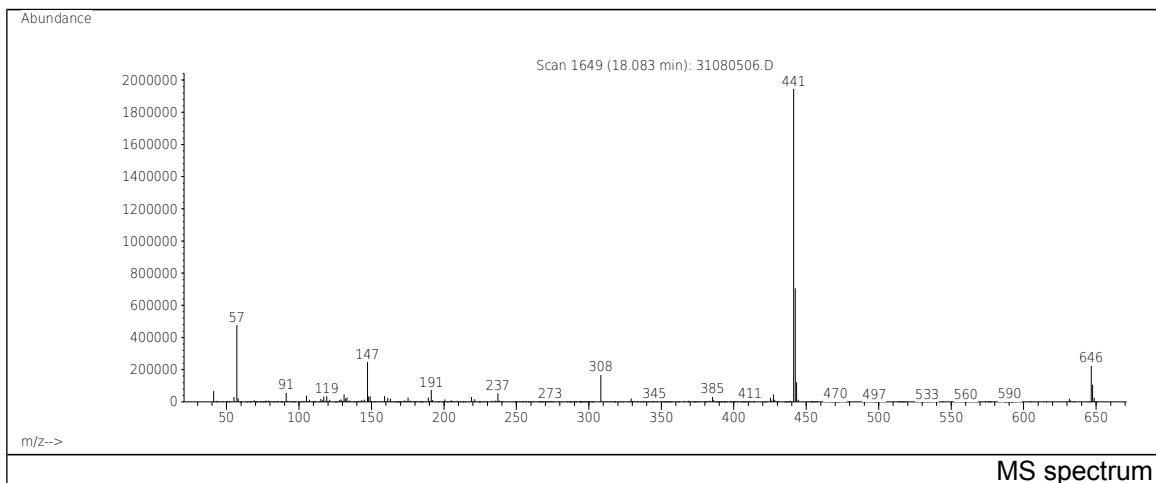


m/z	Abundance	Ion Intensity %	m/z	Abundance	Ion Intensity %
41.10	67112,0	6,49	147.10	24200,0	2,34
57.10	157696,0	15,25	163.10	56704,0	5,49
74.10	37696,0	3,65	175.10	40336,0	3,90
77.10	35424,0	3,43	191.20	1033792,0	100,00
91.10	53184,0	5,14	192.20	159168,0	15,40
107.10	35536,0	3,44	206.20	167040,0	16,16
115.10	48328,0	4,67	207.20	26752,0	2,59
128.10	25968,0	2,51			

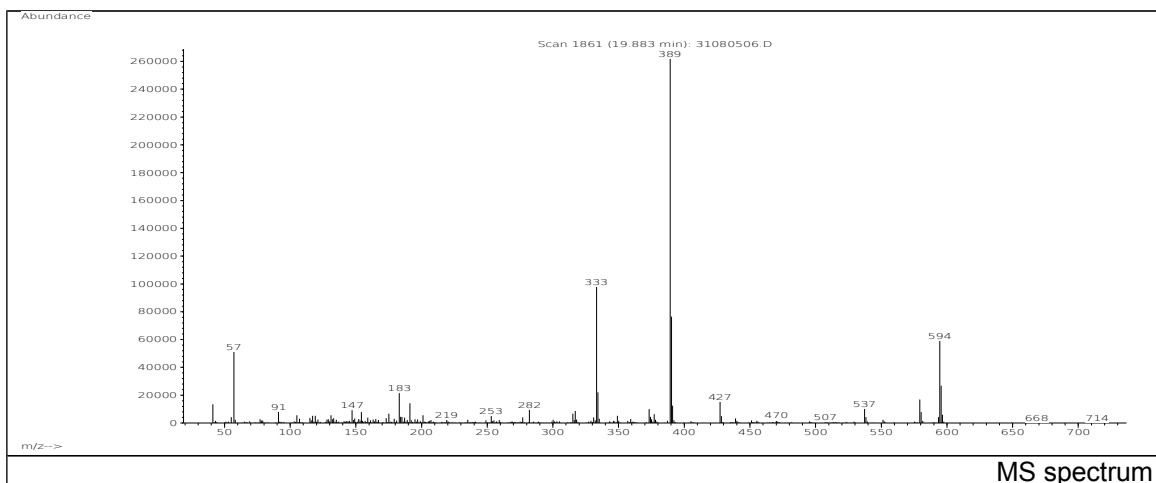
Spectrometer: HEWLETT PACKARD GC/MS 6890/5973
Inlet system: capillary GC/MS
Scan Range: 40-700 amu
Source temperature: 230 °C

Flow: 1.2 mL/min
Column: DB 17-HT (30 m x 0.25 mm x 0.15 µm)
Programme temperature: 40 °C (3 min); 20 °C/min
(350 °C); 350 °C (20 min)

JRC CRL - FCM Database / GC-MS



m/z	Abundance	Ion Intensity %	m/z	Abundance	Ion Intensity %
41.10	68232,0	3,34	308.30	170496,0	8,35
57.10	478080,0	23,42	427.30	46032,0	2,25
91.10	58032,0	2,84	441.40	2041344,0	100,00
105.10	37376,0	1,83	442.40	706624,0	34,62
131.10	46560,0	2,28	443.40	123136,0	6,03
147.20	246784,0	12,09	646.60	225280,0	11,04
191.20	74928,0	3,67	647.60	106464,0	5,22
237.20	53584,0	2,62			



m/z	Abundance	Ion Intensity %	m/z	Abundance	Ion Intensity %
41.10	13419,0	0,66	390.30	76576,0	3,75
57.10	51464,0	2,52	391.20	12566,0	0,62
183.10	21512,0	1,05	427.30	15438,0	0,76
191.20	14175,0	0,69	537.40	10248,0	0,50
333.20	98128,0	4,81	579.40	16944,0	0,83
334.20	22064,0	1,08	594.50	59104,0	2,90
373.20	10064,0	0,49	595.50	26968,0	1,32
389.20	268800,0	13,17			

Spectrometer: HEWLETT PACKARD GC/MS 6890/5973
 Inlet system: capillary GC/MS
 Scan Range: 40-700 amu
 Source temperature: 230 °C

Flow: 1.2 mL/min
 Column: DB 17-HT (30 m x 0.25 mm x 0.15 µm)
 Programme temperature: 40 °C (3 min); 20 °C/min
 (350 °C); 350 °C (20 min)