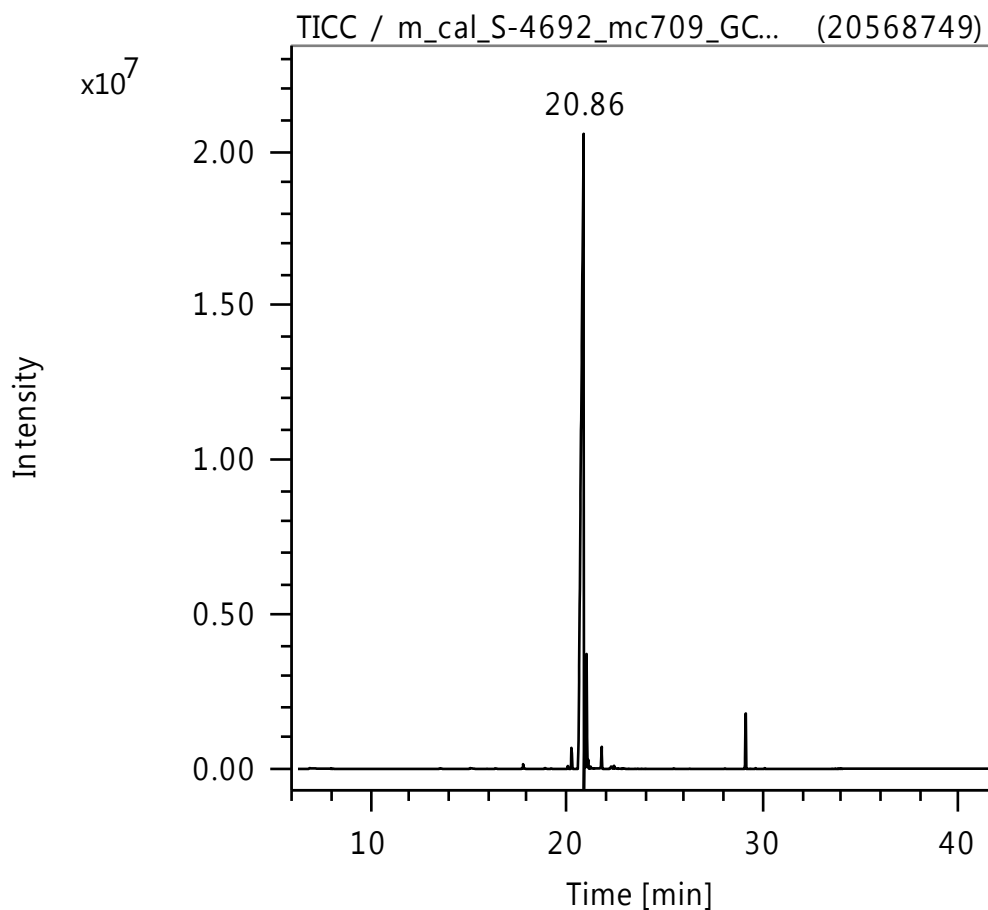


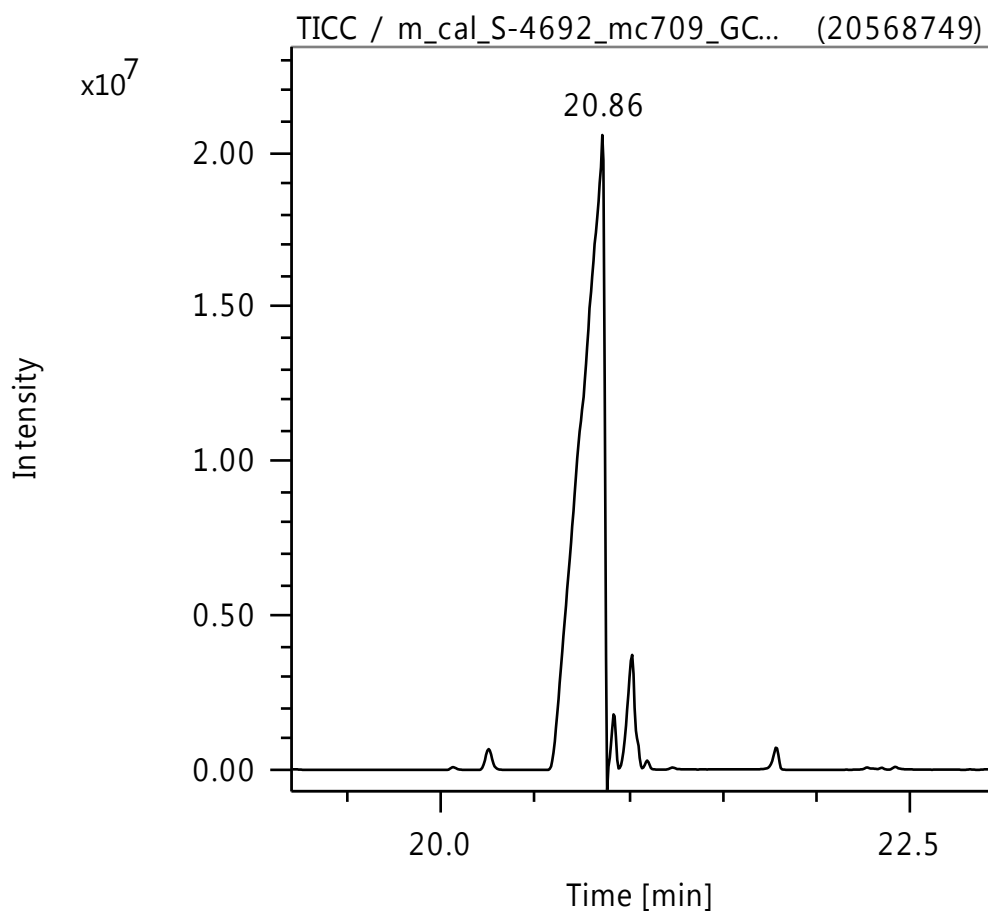
GC-EIMS analysis of MC709

M Callingham

Ion Current traces



Total Ion Current (TIC)

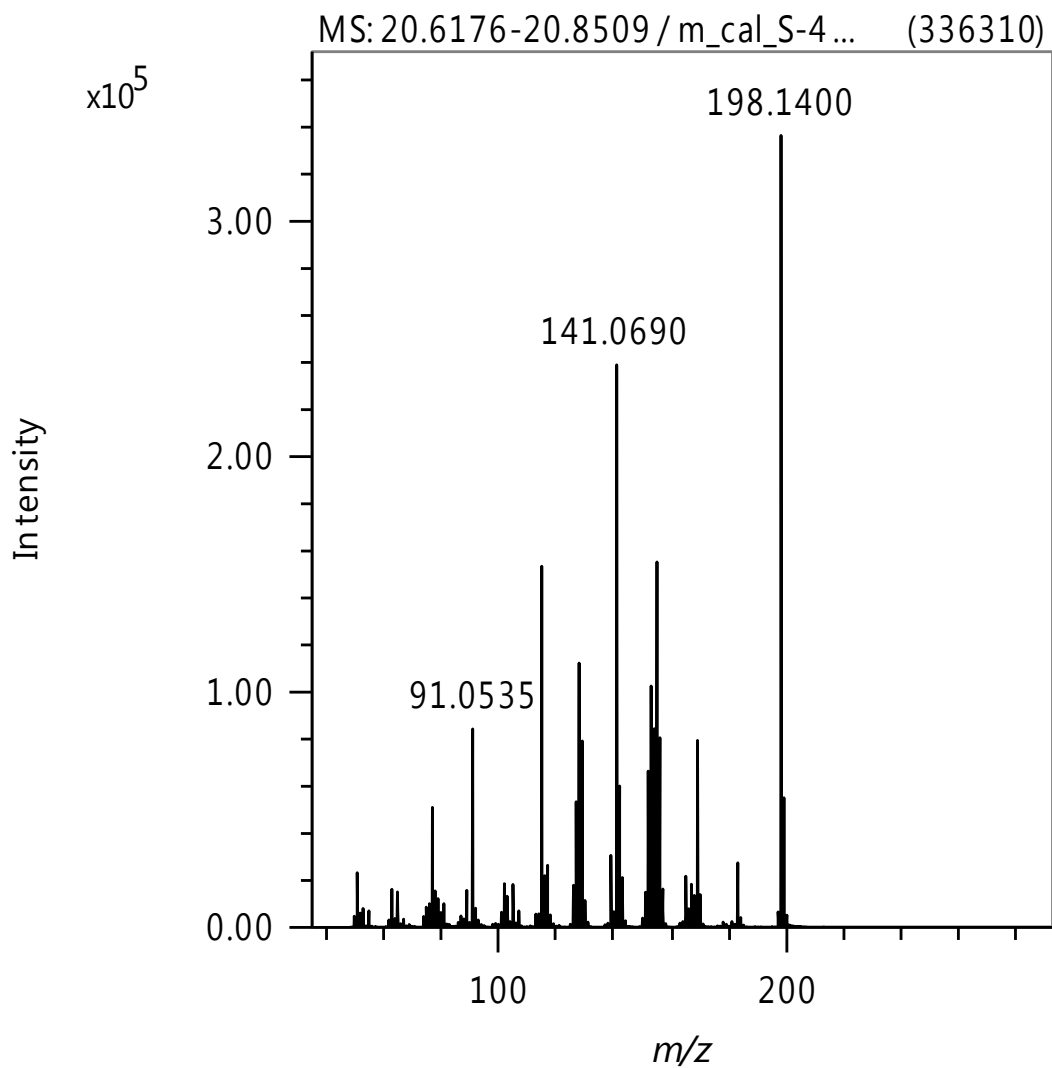


Expanded vertical scale 19 to 23 min

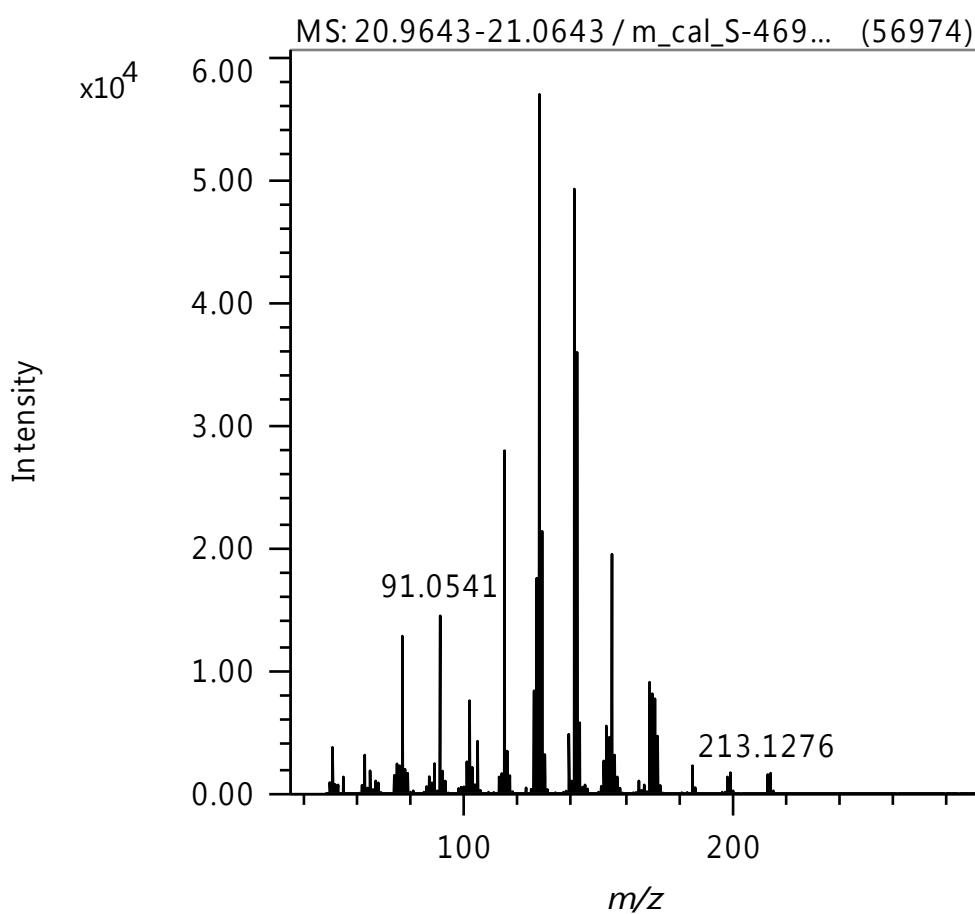
Chromatographic information

No.	Time [min]	Type	Area	Area [%]	Area [% of Total]	Height	Start [min]	End [min]
1	20.25	BB	1586348.36	0.87	0.78	660714.23	20.2	20.3
2	20.86	BB	181846398.63	100	89.7	21192789.28	20.58	20.88
3	20.92	BB	4047297.27	2.23	2	2085960.23	20.88	20.94
4	21.02	BB	10361262.7	5.7	5.11	3667222.56	20.95	21.07
5	21.78	BB	1403618.52	0.77	0.69	687044.09	21.74	21.82
6	29.13	BB	3482731.9	1.92	1.72	1792427.68	29.08	29.16

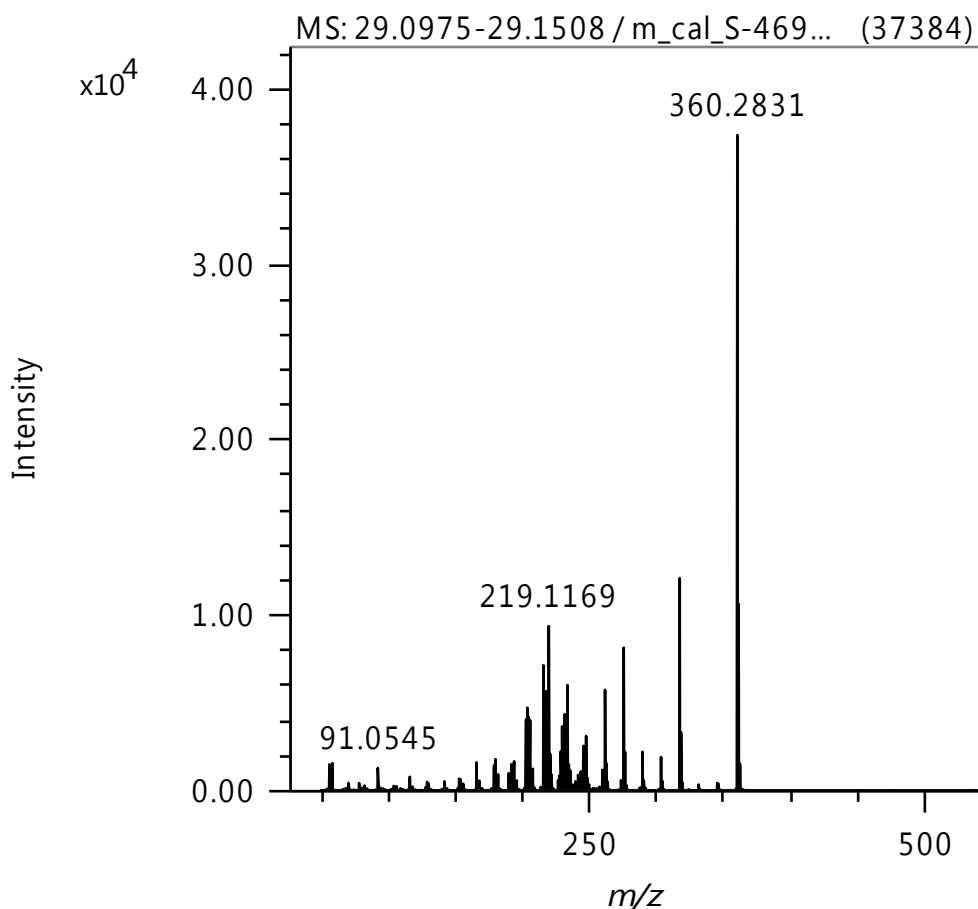
Mass spectral information



Mass	Formula	Calculated Mass	Mass Difference [ppm]	DBE
198.1400	C15 H18	198.1403	-1.31	7



Mass	Formula	Calculated Mass	Mass Difference [ppm]	DBE
214.1350	C ₁₅ H ₁₈ O	214.1352	-0.86	7



Mass	Formula	Calculated Mass	Mass Difference [ppm]	DBE
360.2831	C ₂₇ H ₃₆	360.2812	5.3	10

Instrument Parameters

Instrument

Mass Spectrometer: JEOL AccuTOF GCX (JEOL Ltd., Tokyo, Japan)

Gas Chromatograph: Agilent 7890B (Agilent Technologies Inc, Wilmington, USA)

Acquisition mass range: 50-600Da

Mass Calibration by PFTBA

MS Ion Source conditions:

Electron Ionisation

Ionisation energy: 70eV

Temperature: 150°C

Chromatography conditions:

GC column: J&W DB-5MS 30m x 0.25mm x 25um
Column temperature programme: 50°C (6min) to 350°C (18min)@ 10°C min⁻¹
Carrier gas: Helium
Inlet temperature: 200°C
Transfer line temperature: 180°C

Library Search results

Notes