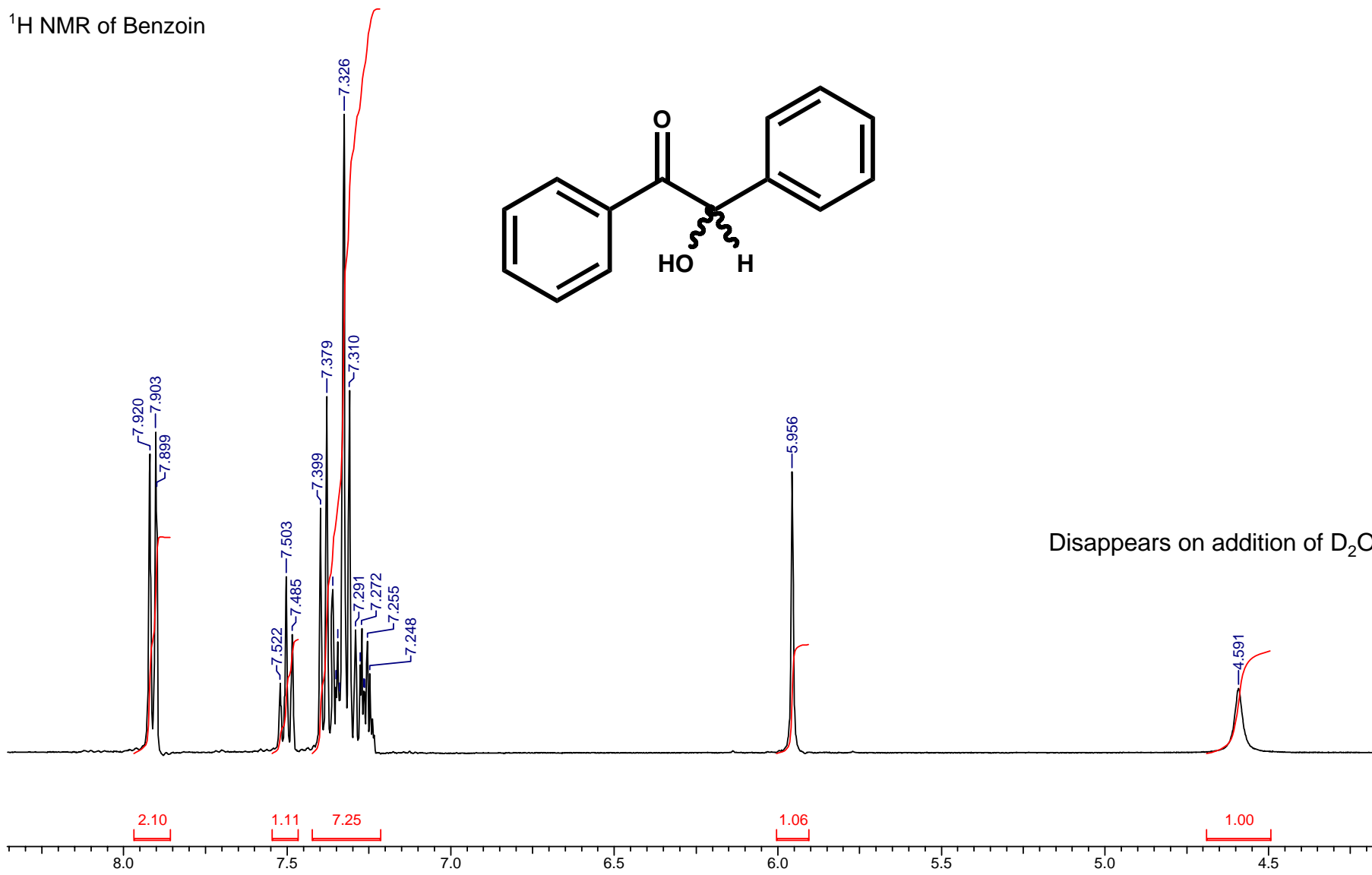
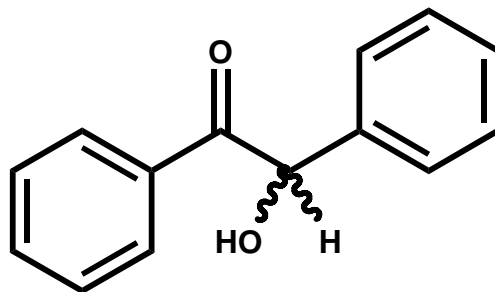
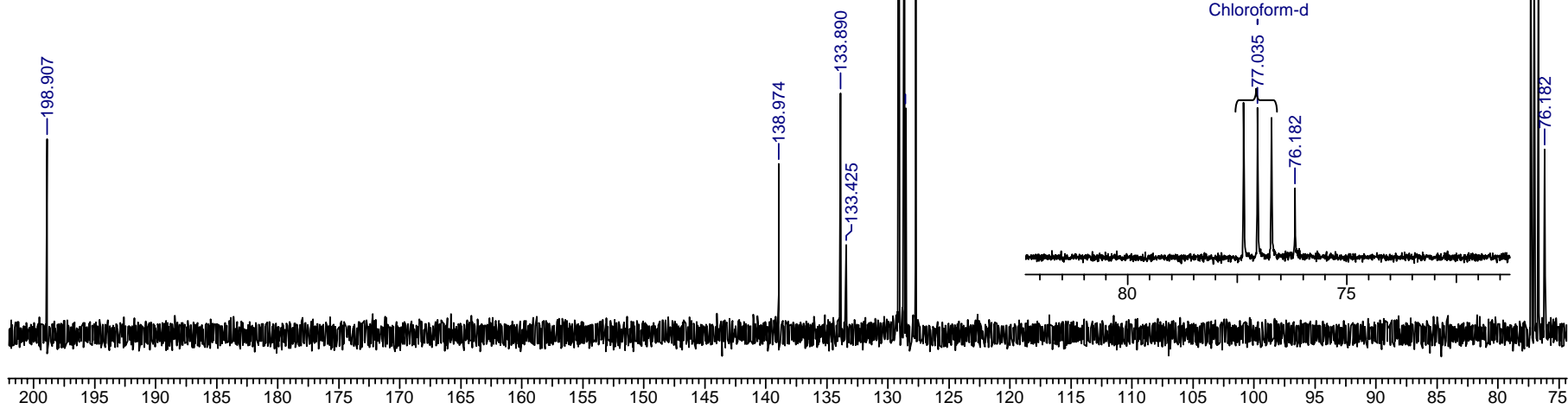
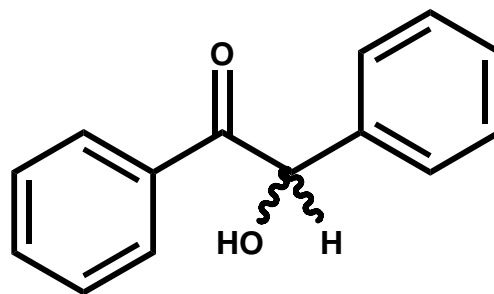
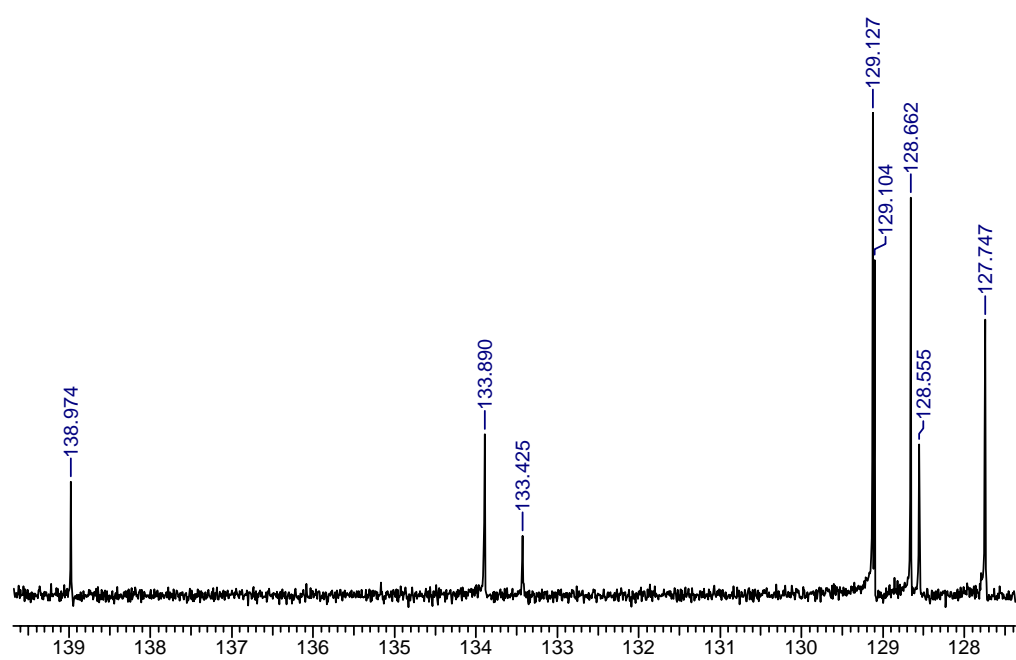


^1H , ^{13}C NMR, IR and MS Spectral data for Benzoin

¹H NMR of Benzoin

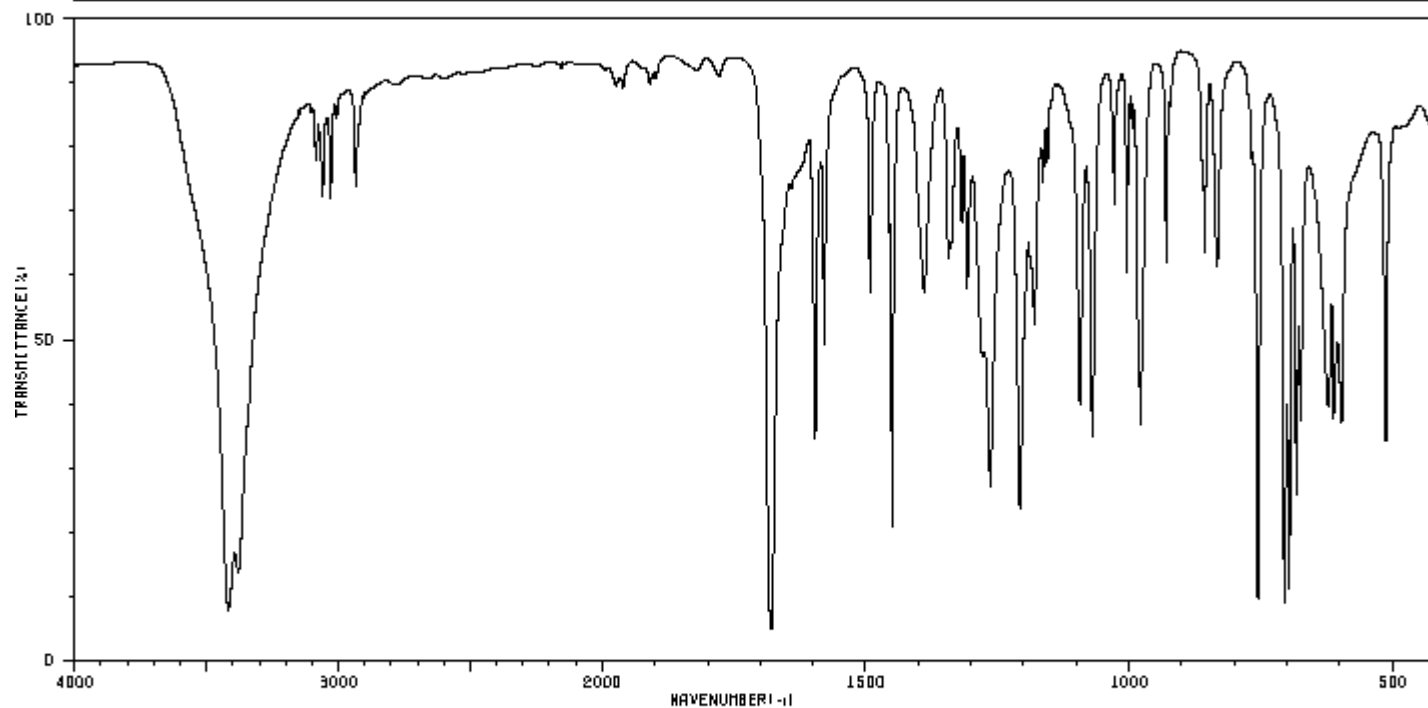


^{13}C NMR of Benzoin

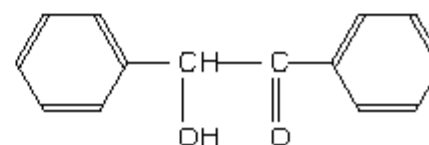


Nothing below 75 ppm

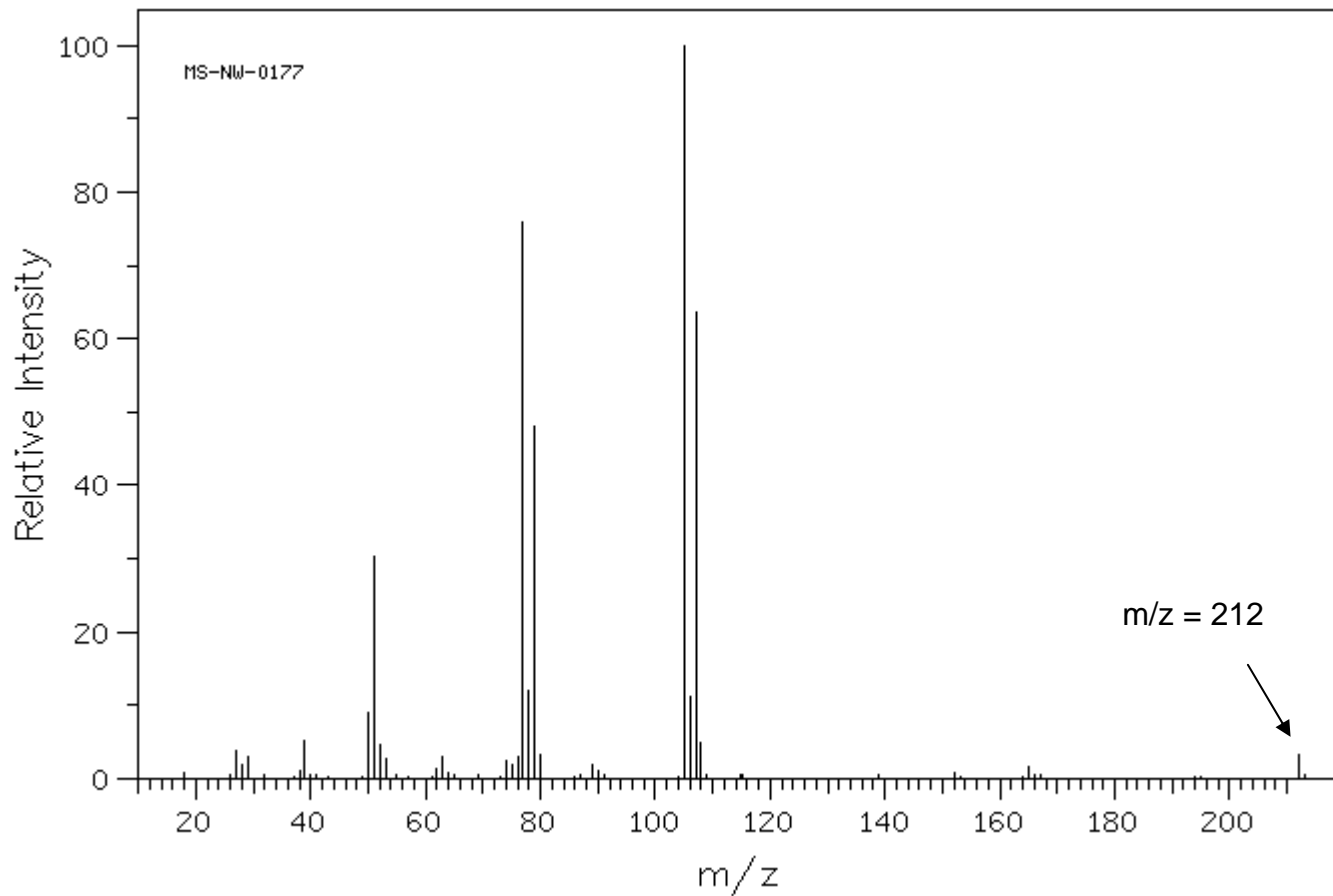
HIT-NO=1634	SCORE= ()	SDBS-NO=1700	IR-NIDA-62015 : KBR DISC
BENZOIN			
$C_{14}H_{12}O_2$			



3418	7	1456	64	1263	26	983	47	696	10
3380	13	1450	20	1208	23	978	35	683	25
3061	70	1390	55	1160	50	929	60	675	36
1679	4	1343	60	1093	38	866	62	622	38
1596	33	1318	66	1070	34	833	58	613	36
1579	47	1308	55	1026	88	756	9	597	35
1492	66	1278	46	1006	68	706	8	513	33



Mass spectrum of benzoin

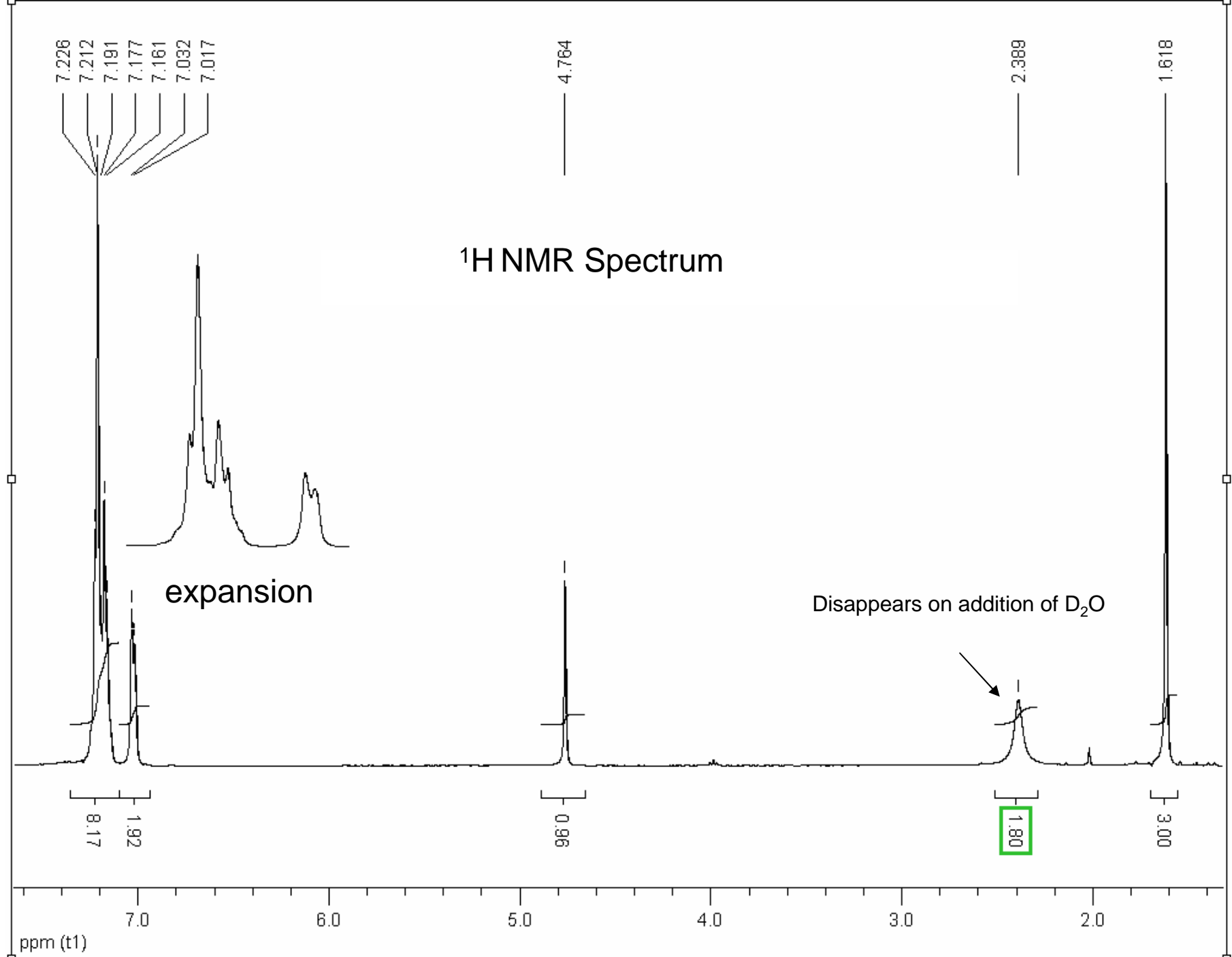


Peak data

mass	intensity
27.0	3.7
29.0	3.0
39.0	5.1
50.0	8.9
51.0	30.4
52.0	4.5
53.0	2.7
63.0	2.9
74.0	2.3
76.0	2.9
77.0	75.8
78.0	11.9
79.0	48.1
80.0	3.2
105.0	100.0
106.0	11.1
107.0	63.6
108.0	4.9
165.0	1.5
212.0 (m/z)	3.2

^1H and ^{13}C NMR Spectroscopic Data for the Grignard addition product of the reaction of benzoin with CH_3MgI

(you will obtain your own IR)



^{13}C NMR Spectrum

