Brief summary:

150-160 ppm: polar aromatic C
100-150 ppm: aromatic C
75-85 ppm: polar secondary C
35-45 ppm: tertiary C
25-35 ppm: secondary C
14 ppm: primary (methyl) C
$^{13}$C nmr spectrum of estradiol, HF/6-31G(d)//PM6

Brief summary:
150-160 ppm: polar aromatic C
100-150 ppm: aromatic C
74 ppm: polar secondary C
35-45 ppm: tertiary C
20-35 ppm: secondary C
14 ppm: primary (methyl) C
Brief summary:

210 ppm: ketone C
150-160 ppm: polar aromatic C
100-150 ppm: aromatic C
35-45 ppm: tertiary C
20-35 ppm: secondary C
14 ppm: primary (methyl) C
One polar sec. C: estradiol. Patient A is likely fertile and **not pregnant**.

No polar sec. C: estrone. Patient B is likely post-menopausal and **not pregnant**.