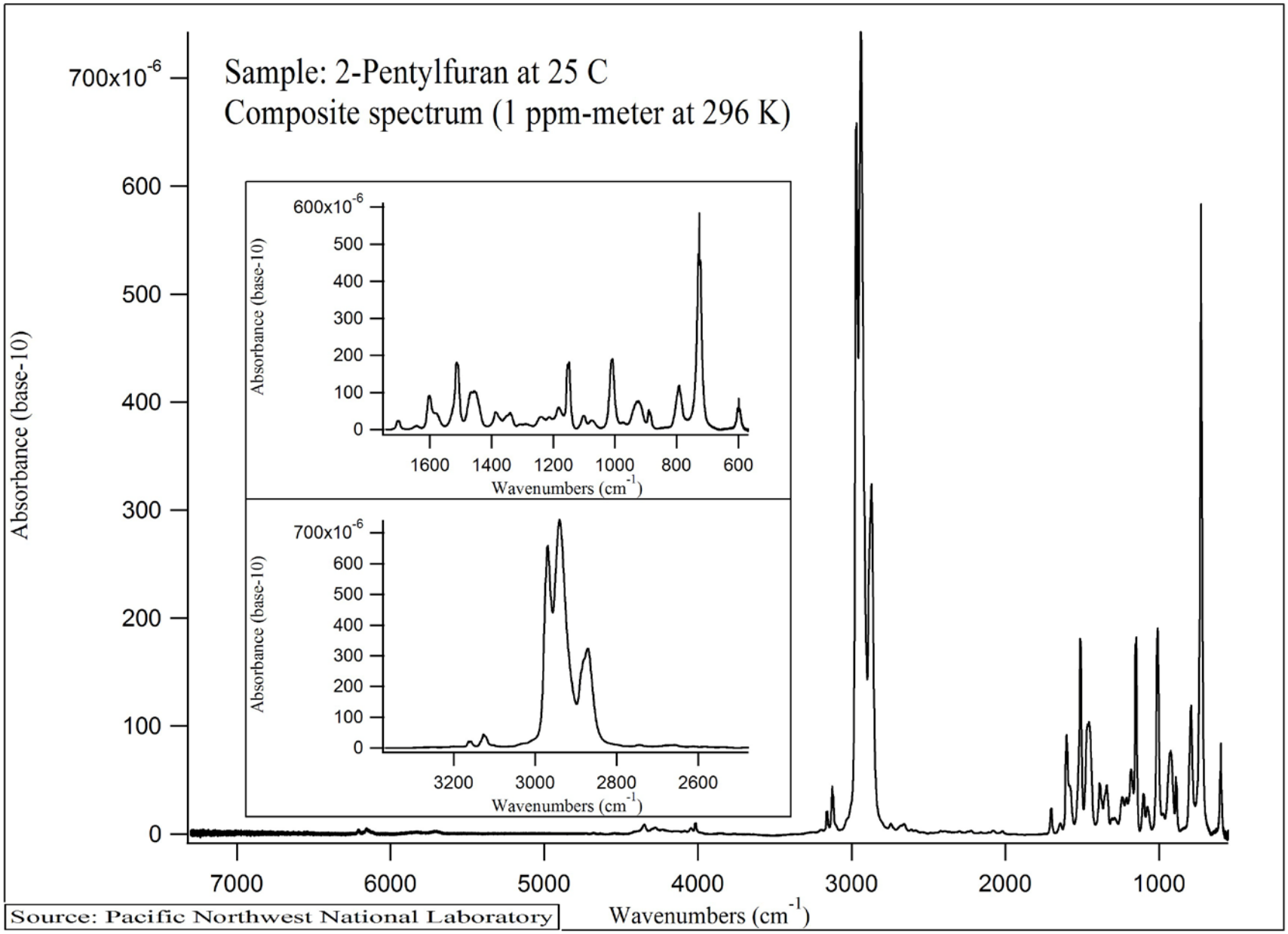
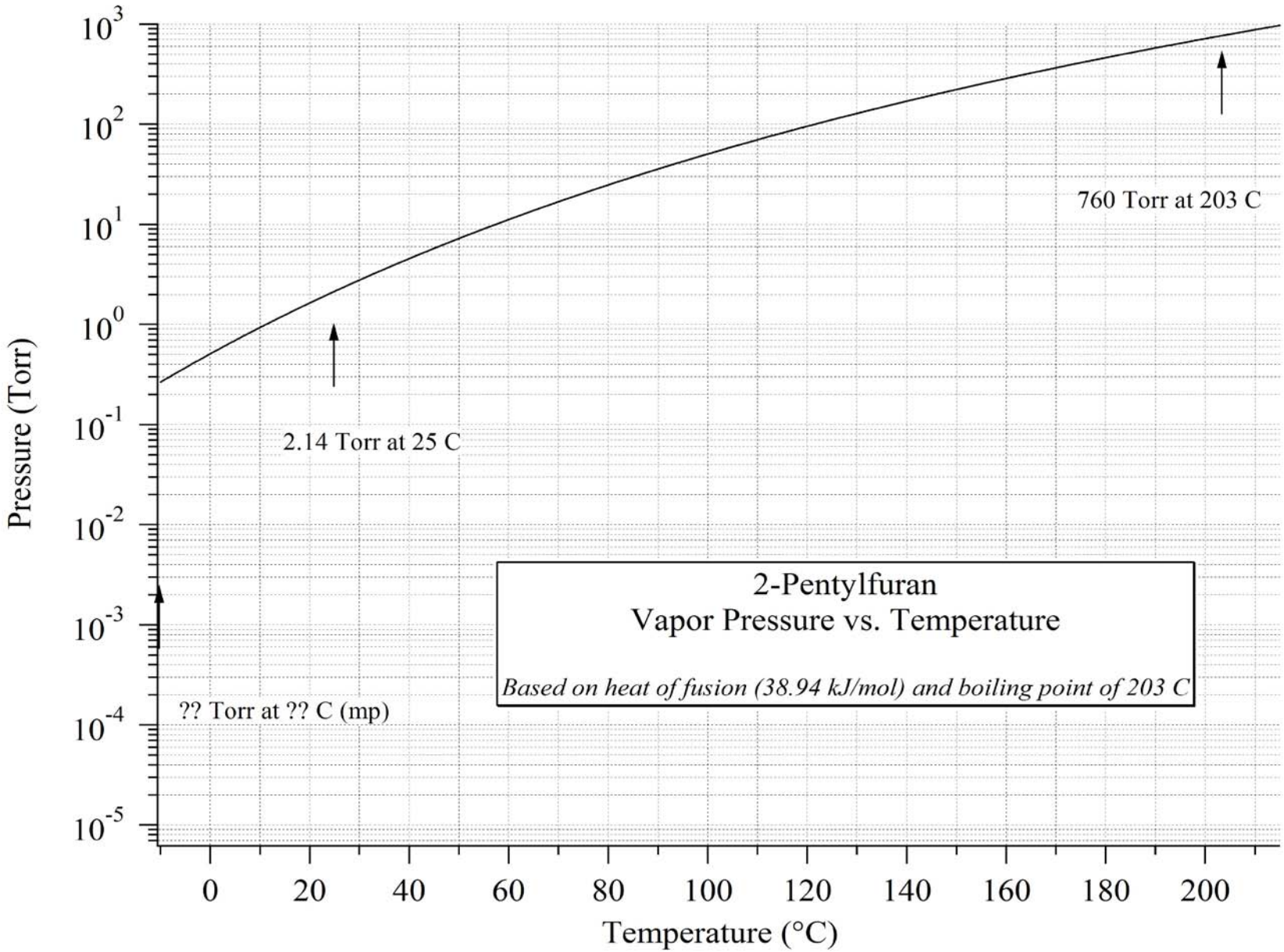

Sample: 2-Pentylfuran at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
700x10-6
600
500
400
300
200
100
0
7000
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
600x10-6
1600
1400
1200
1000
800
600
3200
3000
2800
2600
Source: Pacific Northwest National Laboratory


2-Pentylfuran
Vapor Pressure vs. Temperature
Based on heat of fusion (38.94 kJ/mol) and boiling point of 203 C
760 Torr at 203 C
2.14 Torr at 25 C
?? Torr at ?? C (mp)
Pressure (Torr)
Temperature (°C)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
0
20
40
60
80
100
120
140
160
180
200