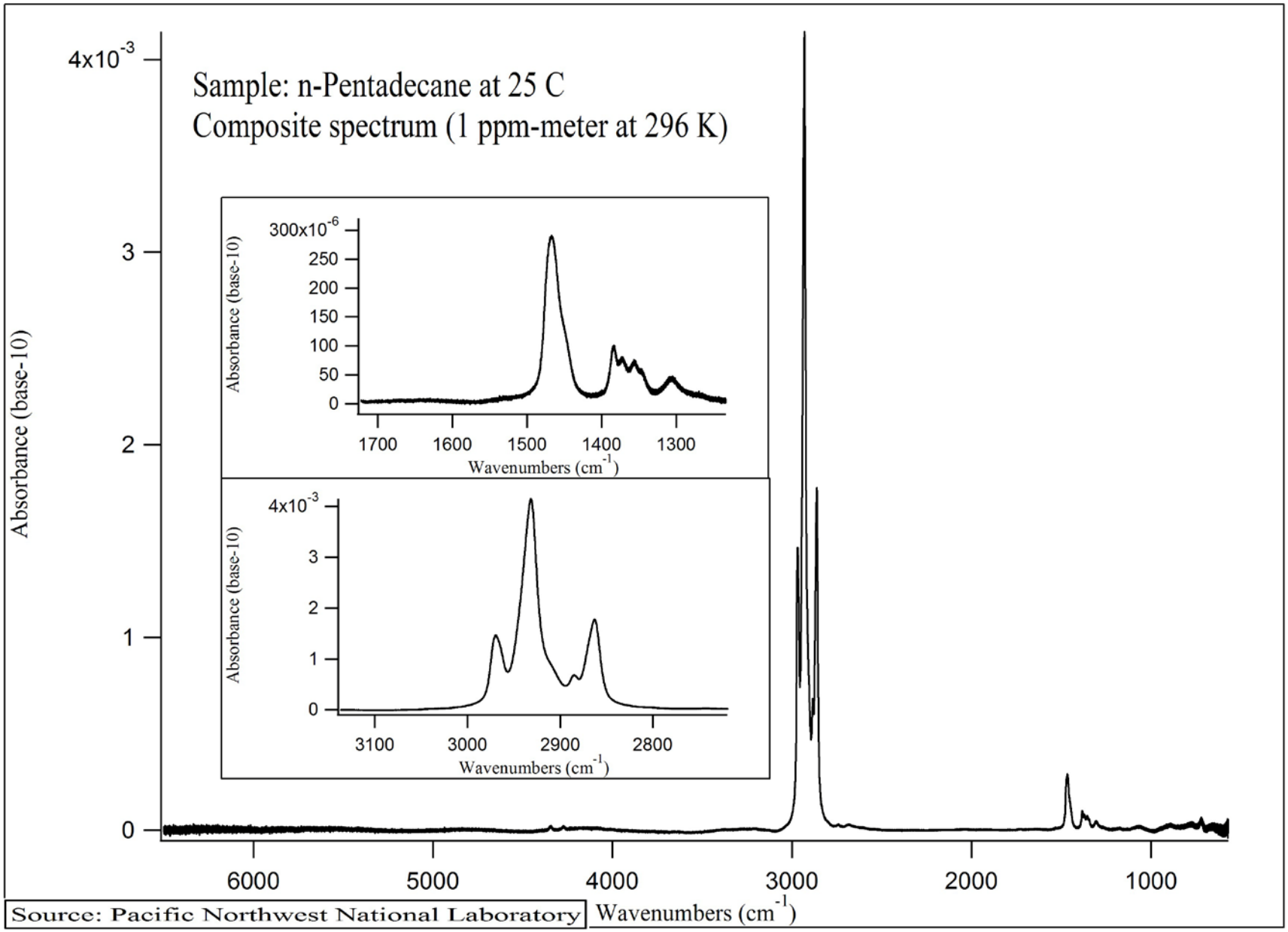
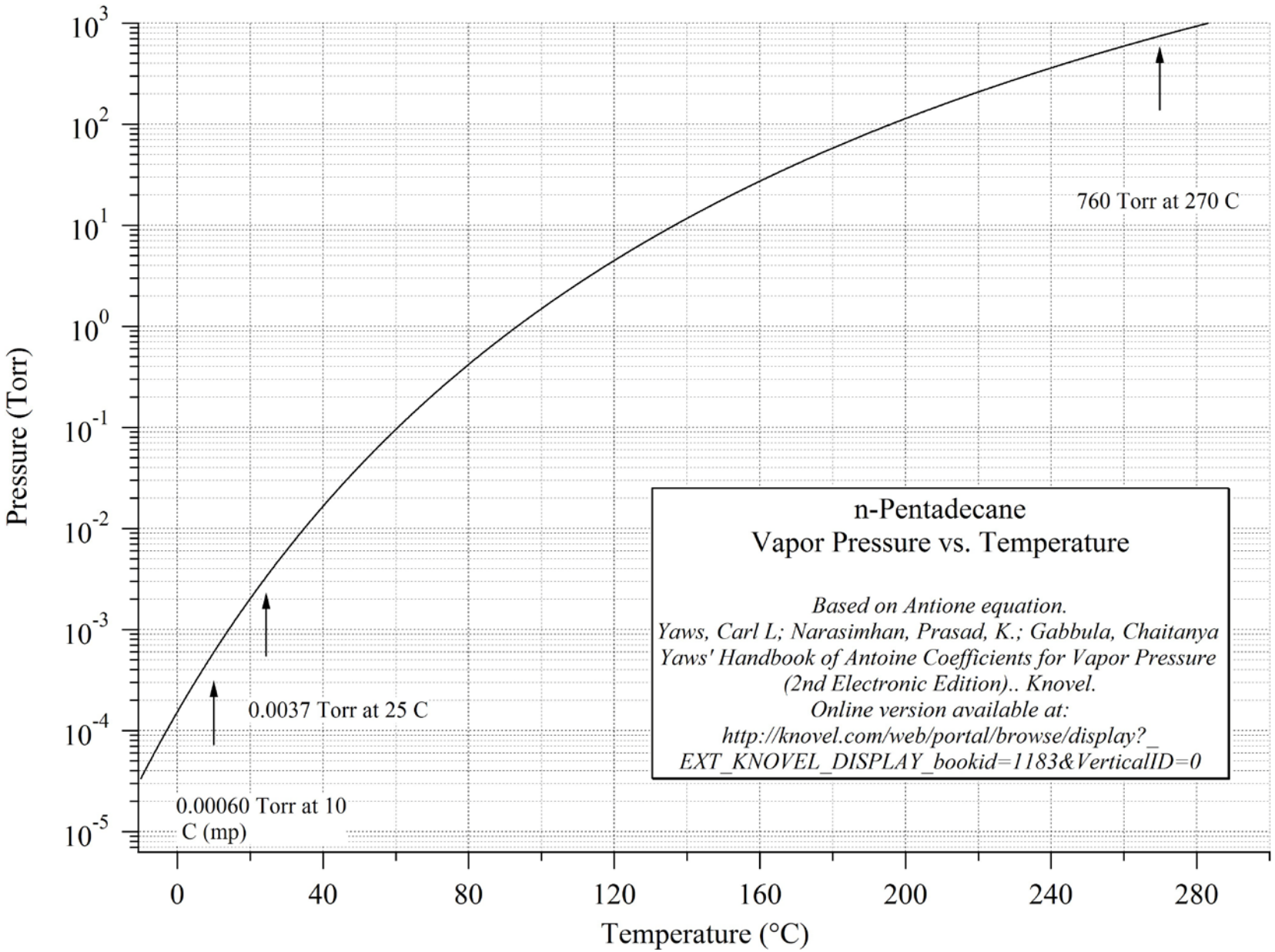

Sample: n-Pentadecane at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
4x10^-3
3
2
1
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm^-1)
300x10^-6
250
200
150
100
50
0
1700
1600
1500
1400
1300
Wavenumbers (cm^-1)
4x10^-3
3
2
1
0
3100
3000
2900
2800
Wavenumbers (cm^-1)
Source: Pacific Northwest National Laboratory


n-Pentadecane
Vapor Pressure vs. Temperature
Based on Antione equation.
Yaws, Carl L; Narasimhan, Prasad, K.; Gabbula, Chaitanya
Yaws' Handbook of Antoine Coefficients for Vapor Pressure
(2nd Electronic Edition).. Knovel.
Online version available at:
http://knovel.com/web/portal/browse/display?_
EXT_KNOVEL_DISPLAY_bookid=1183&VerticalID=0
760 Torr at 270 C
0.0037 Torr at 25 C
0.00060 Torr at 10
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
40
80
120
160
200
240
280