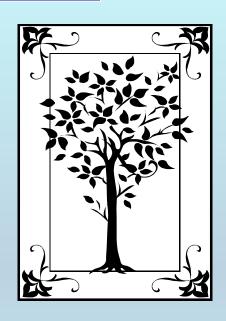# COMPOUND ENTRY tutorial #1:
## Common Compounds

## Guided Data Capture (GDC)

This tutorial demonstrates how to add most **COMPOUNDS** to your file within the Guided Data Capture (GDC) software.
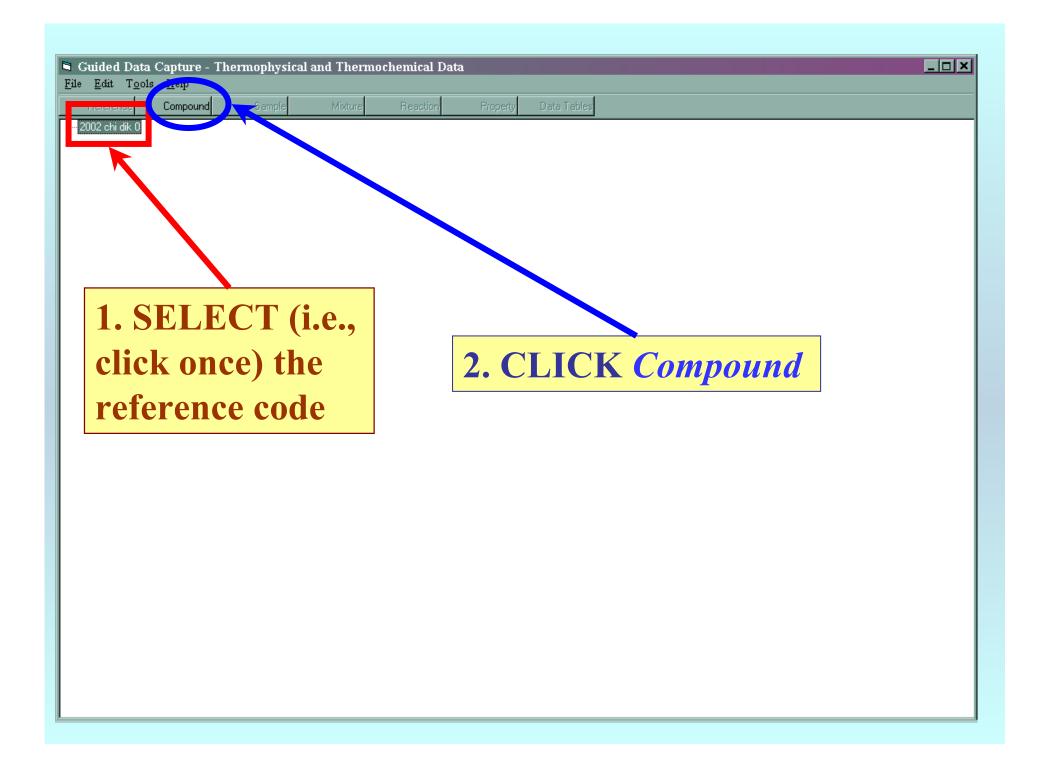
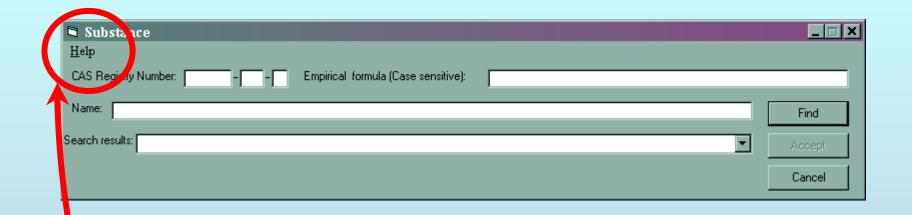❑ **The *GDC* software includes a searchable database of more than 100,000 compound names.**
**This tutorial describes selection of compounds from the GDC database for entry in your data-capture file.**

❑ **Compounds NOT included in the *GDC* database CAN BE added, also. For detailed instructions on how to do this, see the tutorial:**
**COMPOUND ADDITION**
**(for compounds not listed in the *GDC* database)**

**Guided Data Capture - Thermophysical and Thermochemical Data**

File  Edit  Tools  Help

Reference | Compound | Sample | Mixture | Reaction | Property | Data Tables

2002 chi dik 0

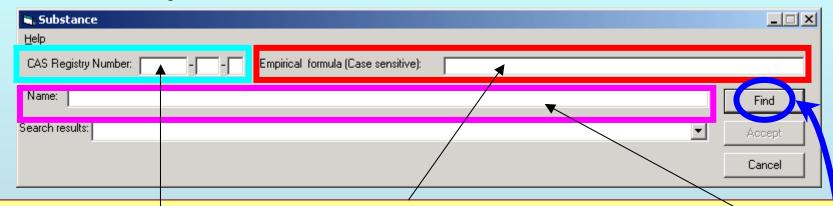**1. SELECT (i.e., click once) the reference code**

**2. CLICK *Compound***

**Note that HELP is available within the program.**

**Although not as detailed as this tutorial, HELP should describe most procedures adequately.**

# Search by Name, CASRN, or elemental formula

**Substance**

Help

CAS Registry Number: [ ] - [ ] - [ ]     Empirical formula (Case sensitive): [ ]

Name: [ ]     Find

Search results: [ ]     Accept

Cancel

**1. TYPE the CASRN, and/or Elemental Formula, and/or Name:**

**(A) Elemental Formula**

Enter the entire elemental formula or use wildcards (*)
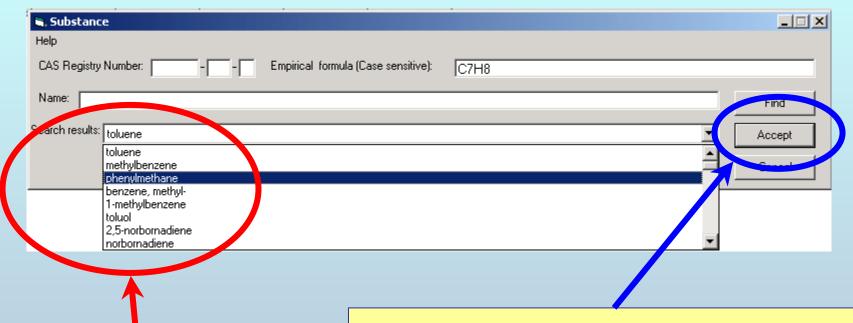(e.g., C5H5N, (NH2)2CO, C*H10, C5H5*, *Cl3)

**(B) Name**

Enter the entire name or use wildcards (*)
(e.g., 2-methylpyridine, 2-methylp*, 2-*-pyridine)

**(C) CASRN**

Enter the CASRN; the final digit is filled automatically.

**2. CLICK *Find* to do the search**

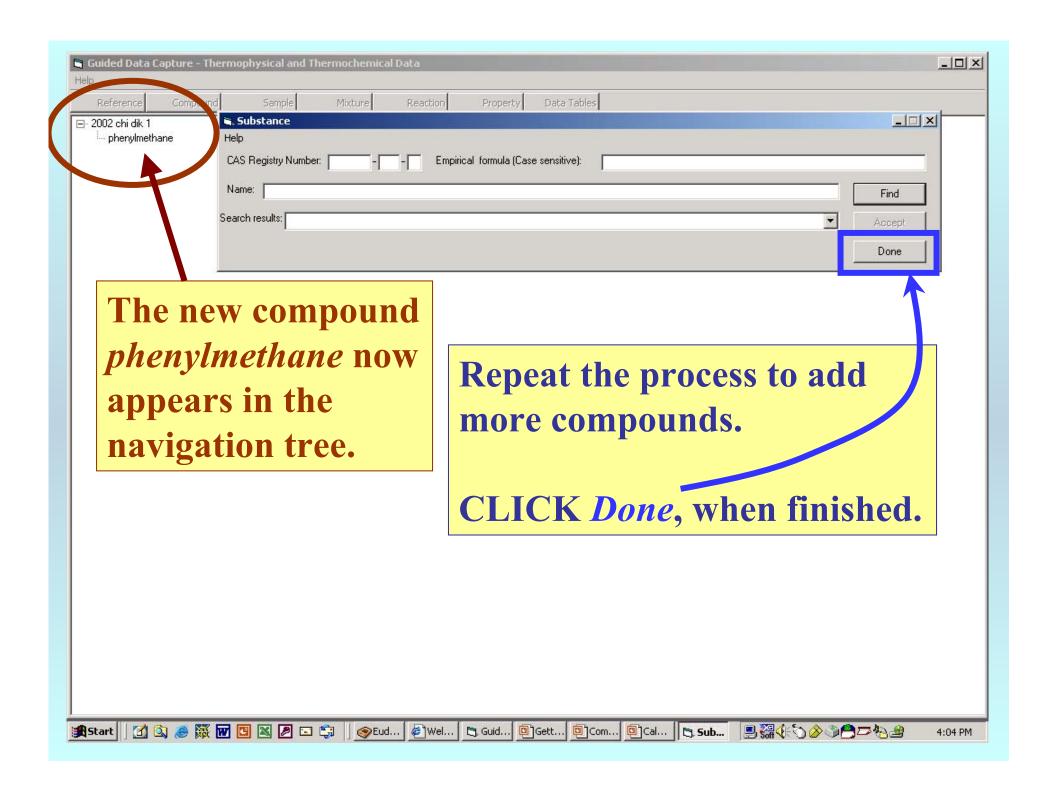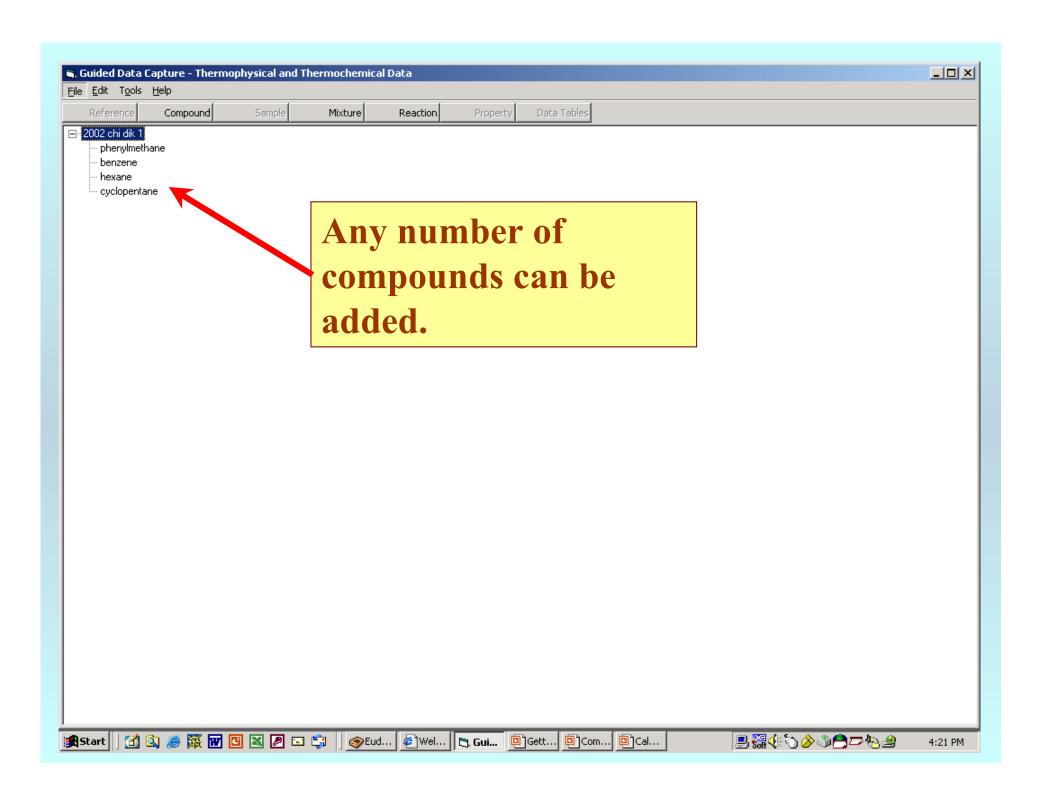# If a compound or compounds are found in the search:



**1. SELECT your compound from the pulldown list of names and synonyms.**

**2a. CLICK *Accept* to add the compound to your file**

**2b. CLICK *Cancel* if yours is not listed.***

---

\* See the tutorial **COMPOUND ADDITION** (for compounds not listed in the *GDC* database) to add an unlisted compound.

**Guided Data Capture - Thermophysical and Thermochemical Data**

Help

Reference | Compound | Sample | Mixture | Reaction | Property | Data Tables

⊟ 2002 chi dik 1
   phenylmethane

**Substance**

Help

CAS Registry Number: [ ] - [ ] - [ ]   Empirical formula (Case sensitive): [                    ]

Name: [                                              ]   Find

Search results: [                                        ▼]   Accept

Done

**The new compound *phenylmethane* now appears in the navigation tree.**

**Repeat the process to add more compounds.**

**CLICK *Done*, when finished.**

Start | ... | Eud... | Wel... | Guid... | Gett... | Com... | Cal... | Sub... | Soft | 4:04 PM

Guided Data Capture - Thermophysical and Thermochemical Data

File    Edit    Tools    Help

| Reference | Compound | Sample | Mixture | Reaction | Property | Data Tables |

2002 chi dik 1
— phenylmethane
— benzene
— hexane
— cyclopentane

**Any number of compounds can be added.**

# END

See the **SAMPLE Entry** tutorial to continue.