Component Identification issue

(1) When a component is selected e.g. AC2O and file is completed, the next user handling the same file, may not easily know what AC2O means unless he searches for AC2O in **component selection** search string (Fig. 1)

(2) If the user has already modified the name of component as shown in Fig. 2 (e.g. ACANHYD as new name for AC2O), then the identity of ACANHYD in figure 2 cannot be established quickly. In that case, one has to resort to **component properties** to access CAS number for the renamed component to identify what the real component is.

(3) Suggesting if we can have **non-negotiable full name of component** also represented in front of **component name/ Alias** so that the user can **quickly identify** previously added component by another user or from an old file.

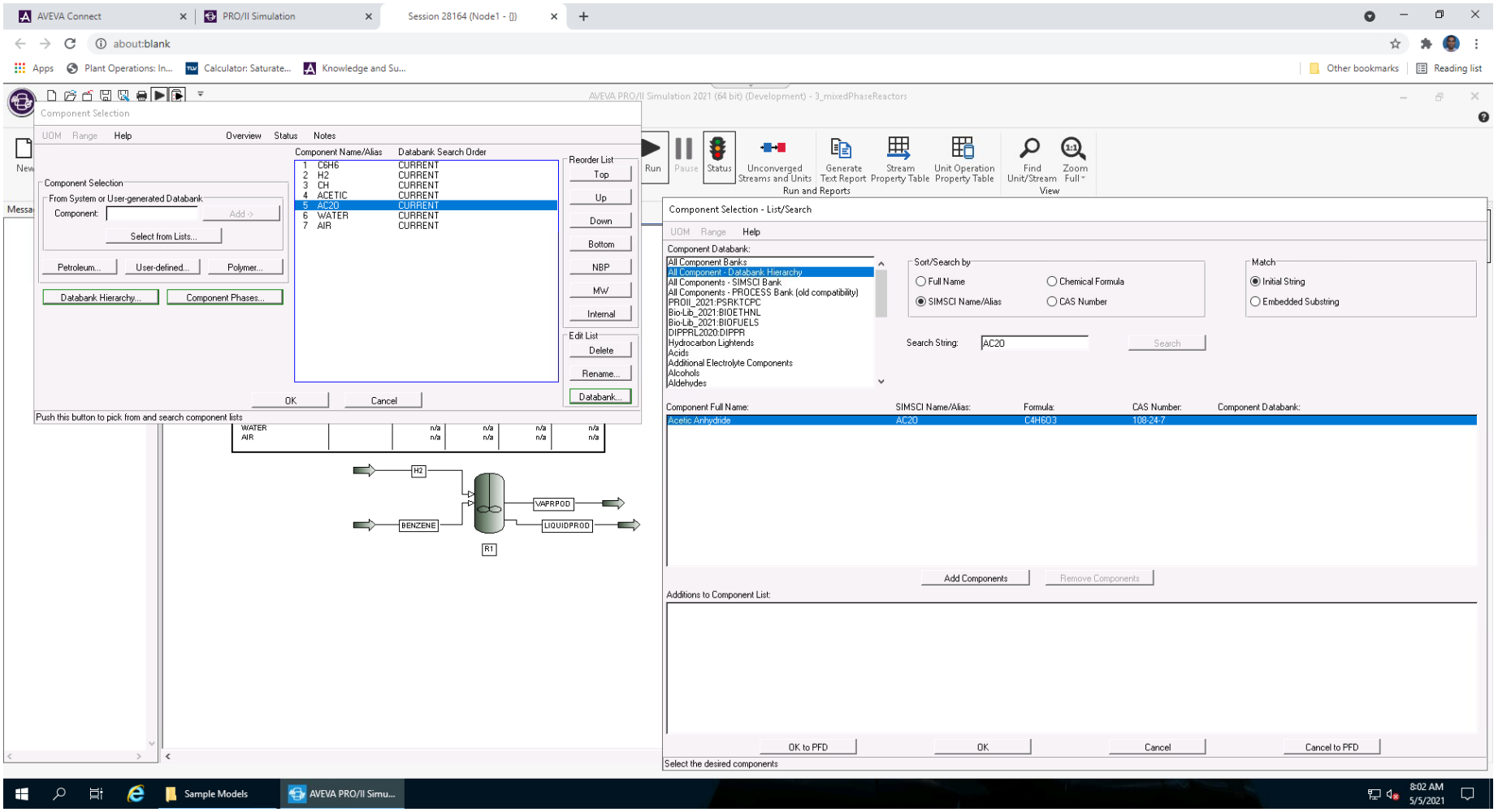

AVEVA Connect
PRO/II Simulation
Session 28164 (Node1 - {})
about:blank
Component Selection
Component Name/Alias
Databank Search Order
1 C6H6 CURRENT
2 H2 CURRENT
3 CH CURRENT
4 ACETIC CURRENT
5 AC2O CURRENT
6 WATER CURRENT
7 AIR CURRENT
Component Selection - List/Search
Component Databank:
Search String: AC2O
Component Full Name: Acetic Anhydride
SIMSCI Name/Alias: AC2O
Formula: C4H6O3
CAS Number: 108-24-7
Add Components
Remove Components
Additions to Component List:
OK to PFD
OK
Cancel
Cancel to PFD
H2
BENZENE
VAPRPOD
LIQUIDPROD
R1
Sample Models
AVEVA PRO/II Simu...
8:02 AM
5/5/2021

Figure 1.

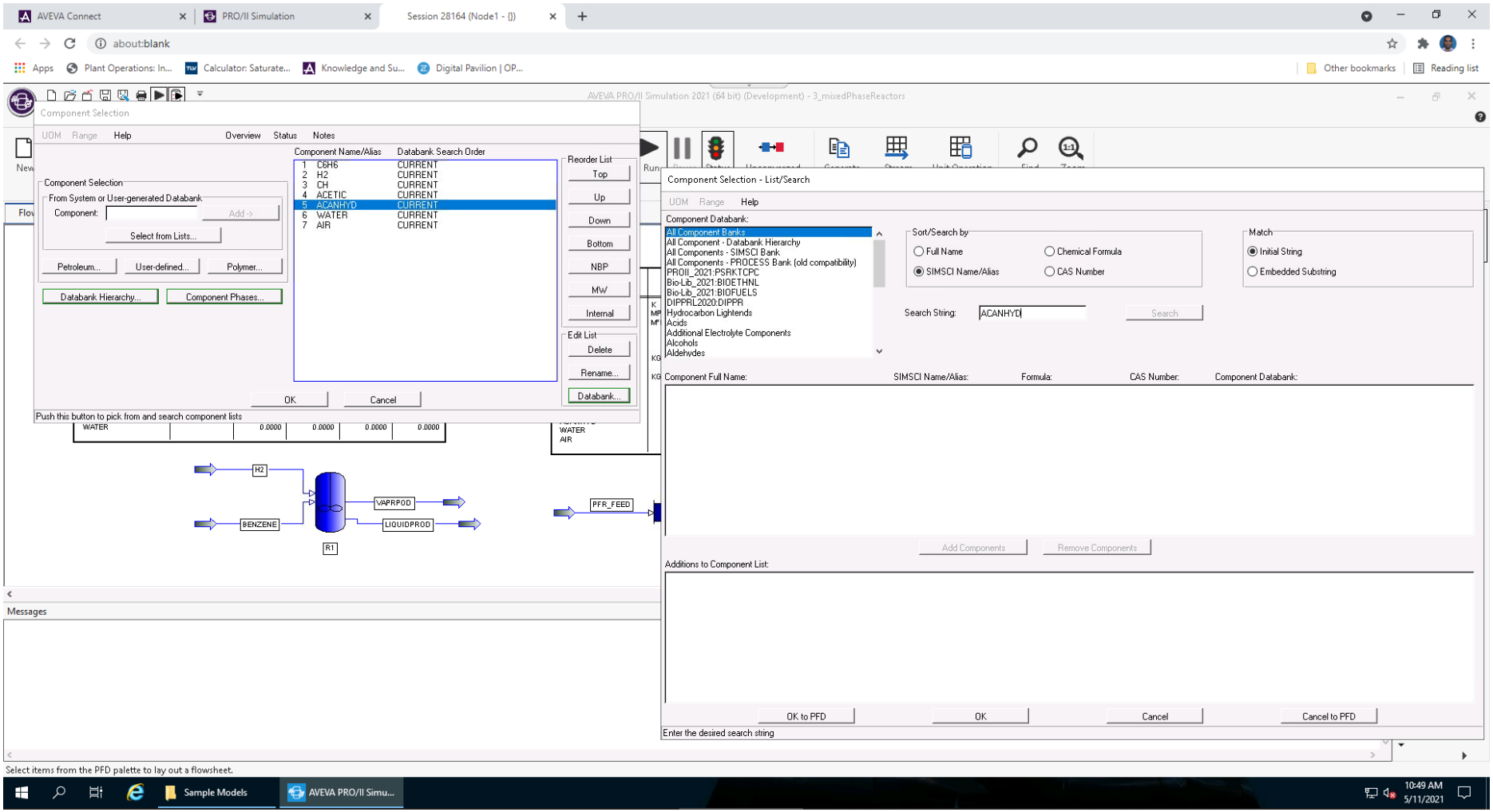

AVEVA Connect
PRO/II Simulation
Session 28164 (Node1 - {})
about:blank
AVEVA PRO/II Simulation 2021 (64 bit) (Development) - 3_mixedPhaseReactors
Component Selection
Component Selection - List/Search
Component Databank:
Sort/Search by
Match
Search String:
ACANHYD
Search
Add Components
Remove Components
Additions to Component List:
OK to PFD
OK
Cancel
Cancel to PFD
Enter the desired search string
Messages
Select items from the PFD palette to lay out a flowsheet.
H2
BENZENE
VAPRPOD
LIQUIDPROD
R1
PFR_FEED
Sample Models
AVEVA PRO/II Simu...
10:49 AM
5/11/2021

Figure 2.