```
mentions_guard_mentions_trace  THM

⊢  ∀g:Label, t:Term. term_mentions_guard(g;t) ⇒ mentions_trace(t)
| by ...
|
1. g : Label
2. Term
3. u : Term→Type
4. t:{v:Term| u(v) }→term_mentions_guard(g;t) ⇒ mentions_trace(t)
5. y1 : {v:Term| u(v) }
6. y2 : {v:Term| u(v) }
7. term_mentions_guard(g;y1) ∨₂ term_mentions_guard(g;y2)
⊢  mentions_trace(y1) ∨₂ mentions_trace(y2)
  by ...
END
```