REPORT ZYNY\_BDC\_TRANSACTION\_METHOD.  
  
TYPES : BEGIN OF ty\_mara,  
          matnr TYPE matnr,  
          mbrsh TYPE mbrsh,  " Industry sector  
          mtart TYPE mtart,  " Material type  
          maktx TYPE maktx,  " MAT DESCR  
          meins TYPE meins,  " Base Unit of Measure  
          matkl TYPE matkl,  " MAT GRP  
          kosch TYPE kosch,  
        END OF ty\_mara.  
  
DATA : it\_mara TYPE TABLE OF ty\_mara,  
       wa\_mara TYPE ty\_mara.  
  
DATA : it\_bdcdata TYPE  bdcdata occurs 0  WITH HEADER LINE .  
  
PARAMETERS : p\_file TYPE rlgrap-filename.  
  
AT SELECTION-SCREEN ON VALUE-REQUEST FOR p\_file.  
  
  CALL FUNCTION 'F4\_FILENAME'  
    EXPORTING  
      program\_name  = syst-cprog  
      dynpro\_number = syst-dynnr  
\*     FIELD\_NAME    = 'P\_FILE'  
    IMPORTING  
      file\_name     = p\_file.  
  
  
START-OF-SELECTION.  
  DATA : p\_file\_str TYPE string.  
  
  p\_file\_str = p\_file.  
  
  CALL FUNCTION 'GUI\_UPLOAD'  
    EXPORTING  
      filename            = p\_file\_str  
      filetype            = 'ASC'  
      has\_field\_separator = 'X'  
    TABLES  
      data\_tab            = it\_mara.  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
  
  "Remove the open group, insert and close group FMs from the  session  method  
  
  
  LOOP AT it\_mara INTO wa\_mara.  
    PERFORM bdc\_dynpro      USING 'SAPLMGMM' '0060'.  
    PERFORM bdc\_field       USING 'BDC\_CURSOR'  
                                  'RMMG1-MTART'.  
    PERFORM bdc\_field       USING 'BDC\_OKCODE'  
                                  '=ENTR'.  
    PERFORM bdc\_field       USING 'RMMG1-MATNR'  
\*                              zrtc\_m5'.  
    wa\_mara-matnr.  
    PERFORM bdc\_field       USING 'RMMG1-MBRSH'  
\*                              '1'.  
    wa\_mara-mbrsh.  
    PERFORM bdc\_field       USING 'RMMG1-MTART'  
\*                              'FERT'.  
    wa\_mara-mtart.  
    PERFORM bdc\_dynpro      USING 'SAPLMGMM' '0070'.  
    PERFORM bdc\_field       USING 'BDC\_CURSOR'  
                                  'MSICHTAUSW-DYTXT(01)'.  
    PERFORM bdc\_field       USING 'BDC\_OKCODE'  
                                  '=ENTR'.  
    PERFORM bdc\_field       USING 'MSICHTAUSW-KZSEL(01)'  
                                  'X'.  
    PERFORM bdc\_dynpro      USING 'SAPLMGMM' '4004'.  
    PERFORM bdc\_field       USING 'BDC\_OKCODE'  
                                  '=BU'.  
    PERFORM bdc\_field       USING 'MAKT-MAKTX'  
\*                              'decrip'.  
    wa\_mara-maktx.  
    PERFORM bdc\_field       USING 'BDC\_CURSOR'  
                                  'MARA-KOSCH'.  
    PERFORM bdc\_field       USING 'MARA-MEINS'  
\*                              'kg'.  
    wa\_mara-meins.  
    PERFORM bdc\_field       USING 'MARA-MATKL'  
\*                              '01'.  
    wa\_mara-matkl.  
    PERFORM bdc\_field       USING 'MARA-KOSCH'  
\*                              'PA'.  
    wa\_mara-kosch.  
  "The call transaction tcode is directly called without using the FM insert\_bdc  
  CALL  TRANSACTION 'MM01' USING it\_bdcdata MODE 'A' UPDATE 'S'.  
  REFRESH it\_bdcdata.  
  
  ENDLOOP.  
  
\*&---------------------------------------------------------------------\*  
\*&      Form  BDC\_DYNPRO  
\*&---------------------------------------------------------------------\*  
  
FORM bdc\_dynpro  USING   p\_program p\_screen.  
  CLEAR it\_bdcdata.  
  it\_bdcdata-program = p\_program.  
  
  it\_bdcdata-dynpro = p\_screen.  
  
  it\_bdcdata-dynbegin = 'X'."continue button  
  APPEND  it\_bdcdata.  
ENDFORM.  
\*&---------------------------------------------------------------------\*  
\*&      Form  BDC\_FIELD  
\*&---------------------------------------------------------------------\*  
\*       text  
\*----------------------------------------------------------------------\*  
\*      -->P\_0093   text  
\*      -->P\_0094   text  
\*----------------------------------------------------------------------\*  
FORM bdc\_field  USING   p\_fname  
                         p\_fvalue.  
  CLEAR it\_bdcdata.  
  it\_bdcdata-fnam = p\_fname.  
  it\_bdcdata-fval = p\_fvalue.  
  APPEND it\_bdcdata.  
  
ENDFORM.