

The group G is isomorphic to the group labelled by [5, 1] in the Small Groups library.
 Ordinary character table of $G \cong C5$:

	$1a$	$5a$	$5b$	$5c$	$5d$
χ_1	1	1	1	1	1
χ_2	1	$E(5)$	$E(5)^2$	$E(5)^3$	$E(5)^4$
χ_3	1	$E(5)^2$	$E(5)^4$	$E(5)$	$E(5)^3$
χ_4	1	$E(5)^3$	$E(5)$	$E(5)^4$	$E(5)^2$
χ_5	1	$E(5)^4$	$E(5)^3$	$E(5)^2$	$E(5)$

Trivial source character table of $G \cong C5$ at $p = 5$:

Normalisers N_i	N_1	N_2
p -subgroups of G up to conjugacy in G	P_1	P_2
Representatives $n_j \in N_i$	$1a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5$	5	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	1	1

$$P_1 = \text{Group}([(())]) \cong 1$$

$$P_2 = \text{Group}([(1, 2, 3, 4, 5)]) \cong C5$$

$$N_1 = \text{Group}([(1, 2, 3, 4, 5)]) \cong C5$$

$$N_2 = \text{Group}([(1, 2, 3, 4, 5)]) \cong C5$$