The group G is isomorphic to the group labelled by [60, 5] in the Small Groups library.
Ordinary character table of $G \cong$ A5:

	$1a$	$2a$	$3a$	$5a$	$5b$
χ_1	1	1	1	1	1
χ_2	3	-1	0	$-E(5)-E(5)^4$	$-E(5)^2-E(5)^3$
χ_3	3	-1	0	$-E(5)^2-E(5)^3$	$-E(5)-E(5)^4$
χ_4	4	0	1	-1	-1
χ_5	5	1	-1	0	0

Trivial source character table of $G \cong$ A5 at $p = 5$:

Normalisers N_i	N_1			N_2	
p-subgroups of G up to conjugacy in G	P_1			P_2	
Representatives $n_j \in N_i$	$1a$	$2a$	$3a$	$1a$	$2a$
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5$	5	1	2	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5$	10	-2	1	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5$	5	1	-1	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	1	1	1	1	1
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5$	6	-2	0	1	-1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,3,2,4,5)]) \cong$ C5

$N_1 = AlternatingGroup([1..5]) \cong$ A5
$N_2 = Group([(1,3,2,4,5),(2,4)(3,5)]) \cong$ D10