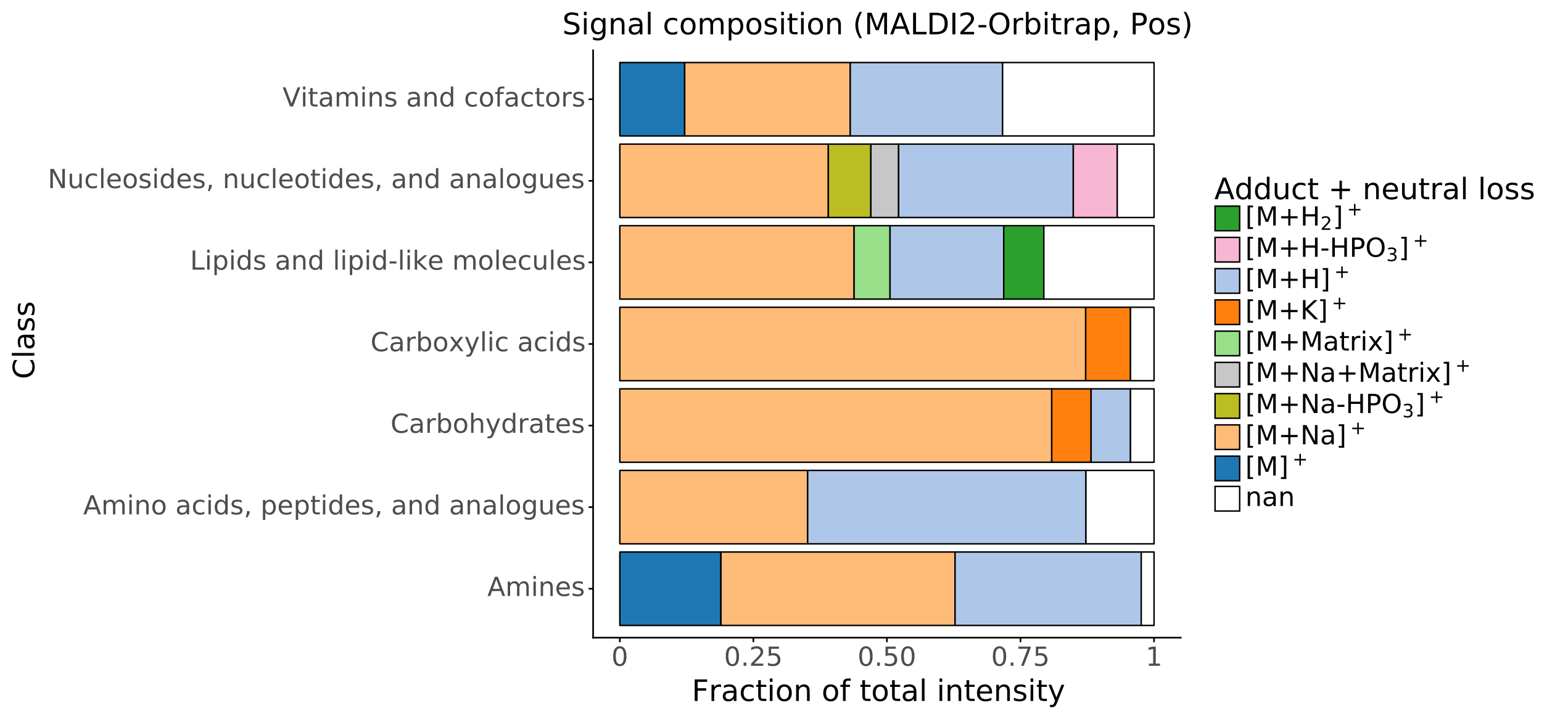
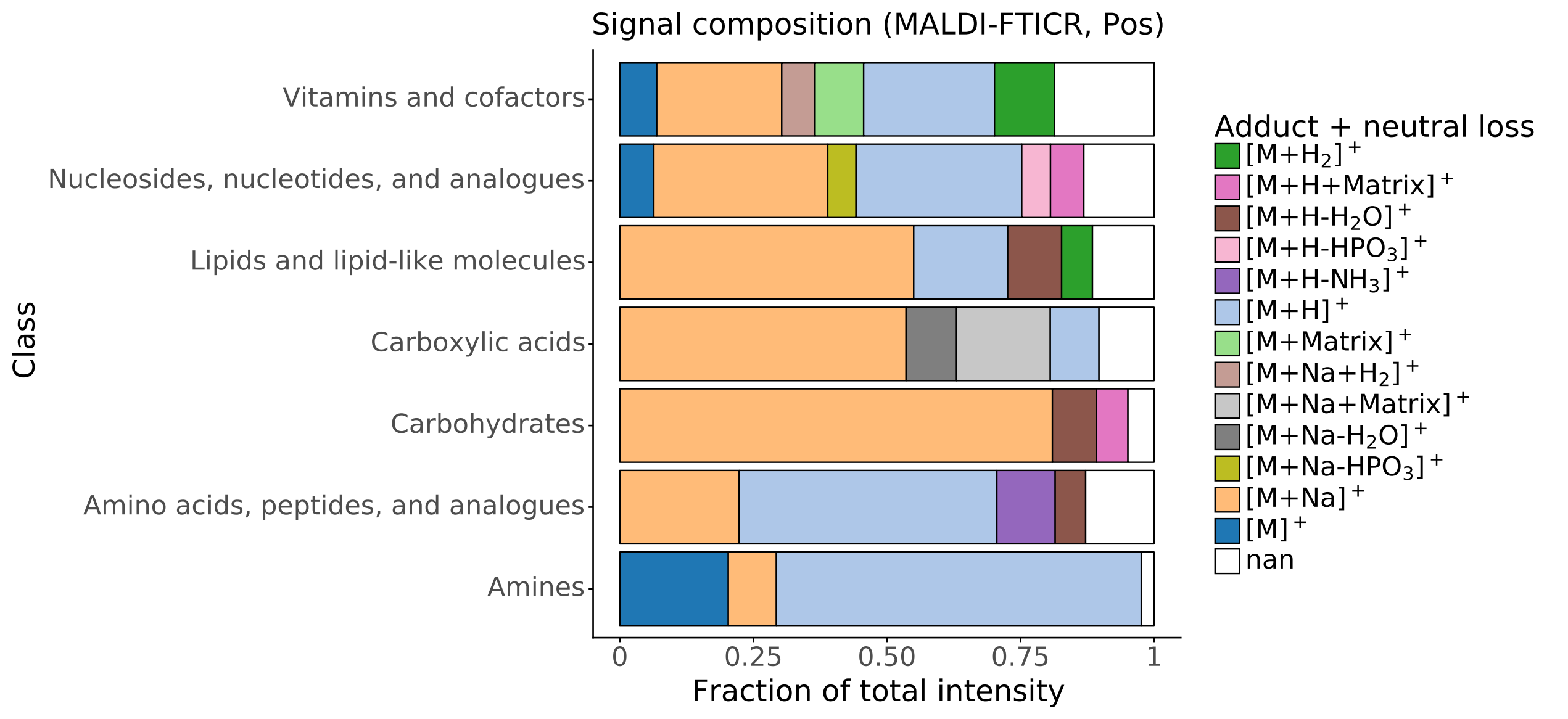
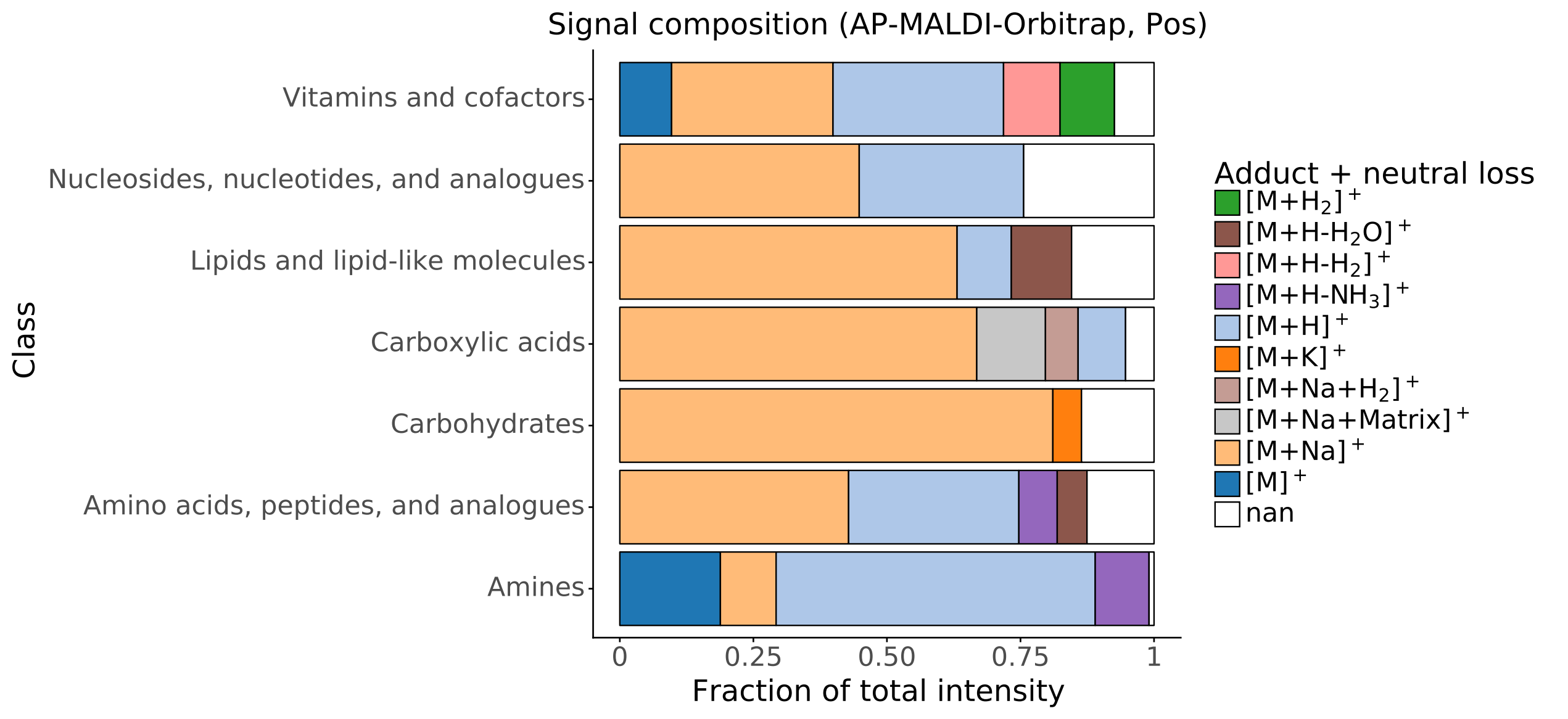
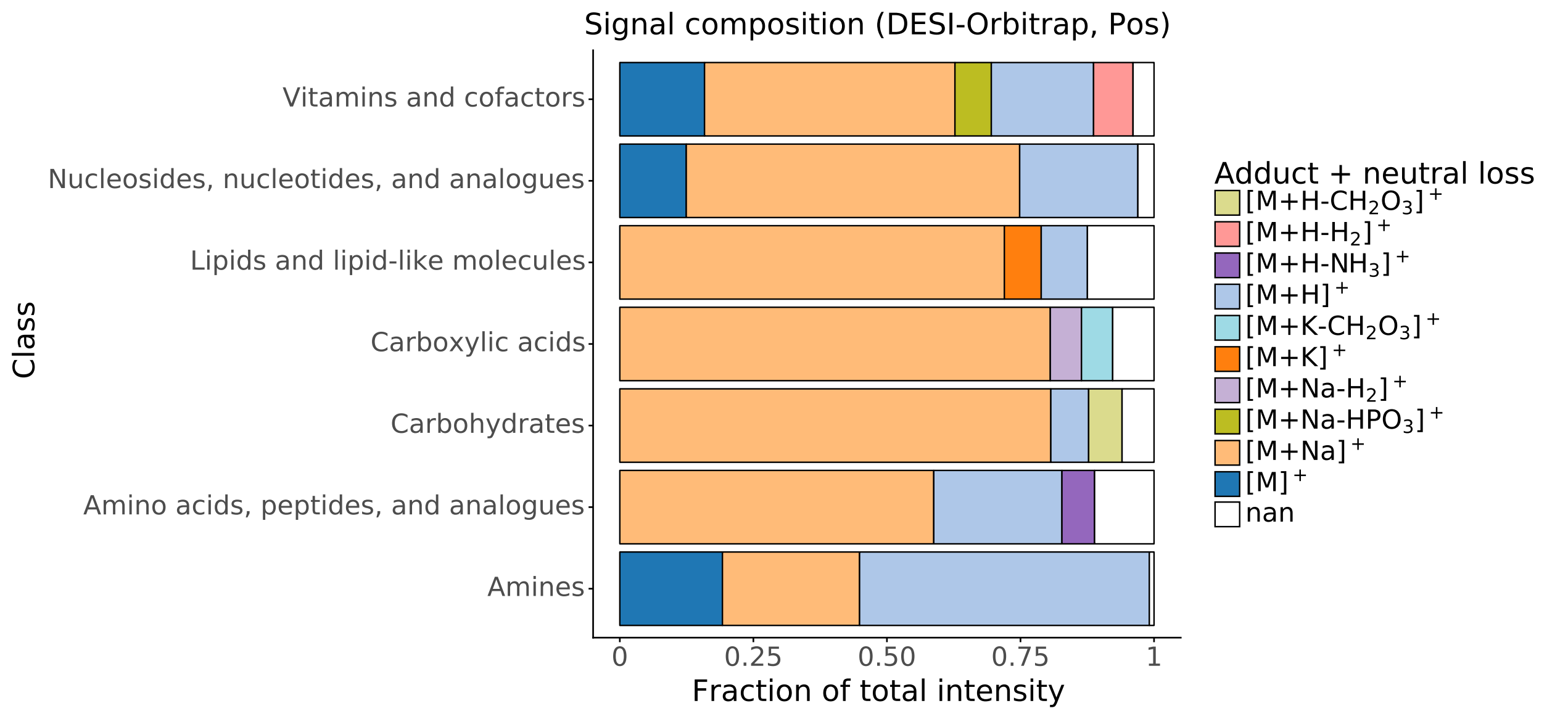
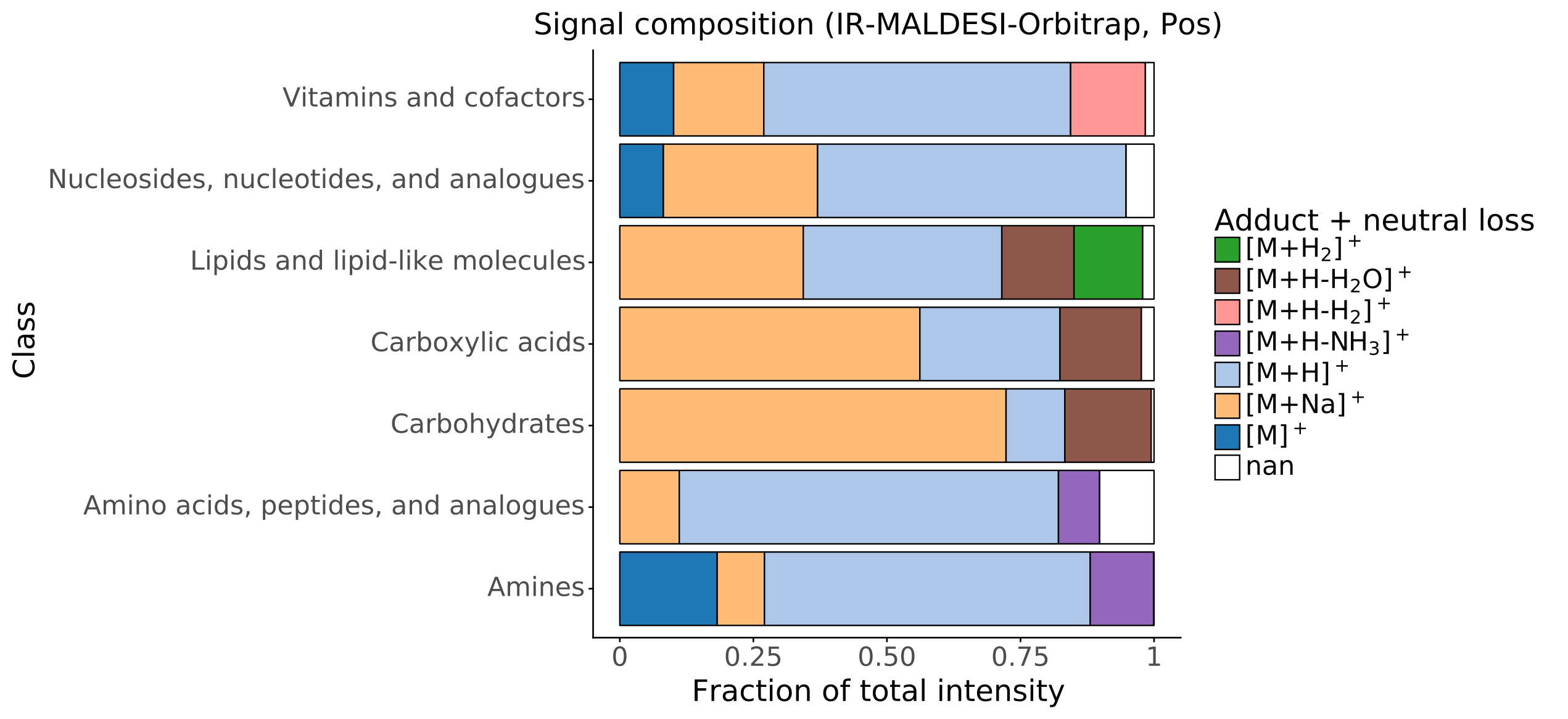
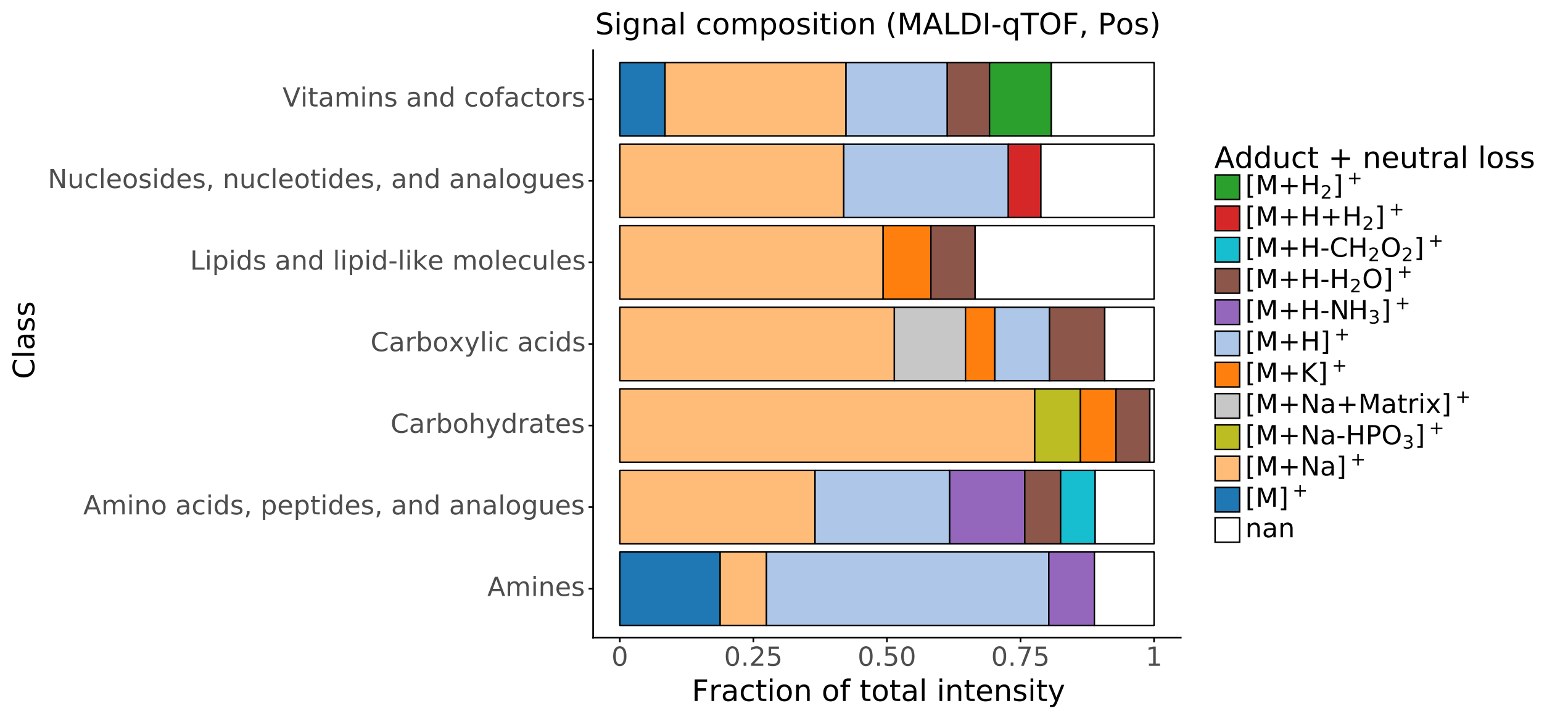

Signal composition (MALDI2-Orbitrap, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H2]+
[M+H-HPO3]+
[M+H]+
[M+K]+
[M+Matrix]+
[M+Na+Matrix]+
[M+Na-HPO3]+
[M+Na]+
[M]+
nan

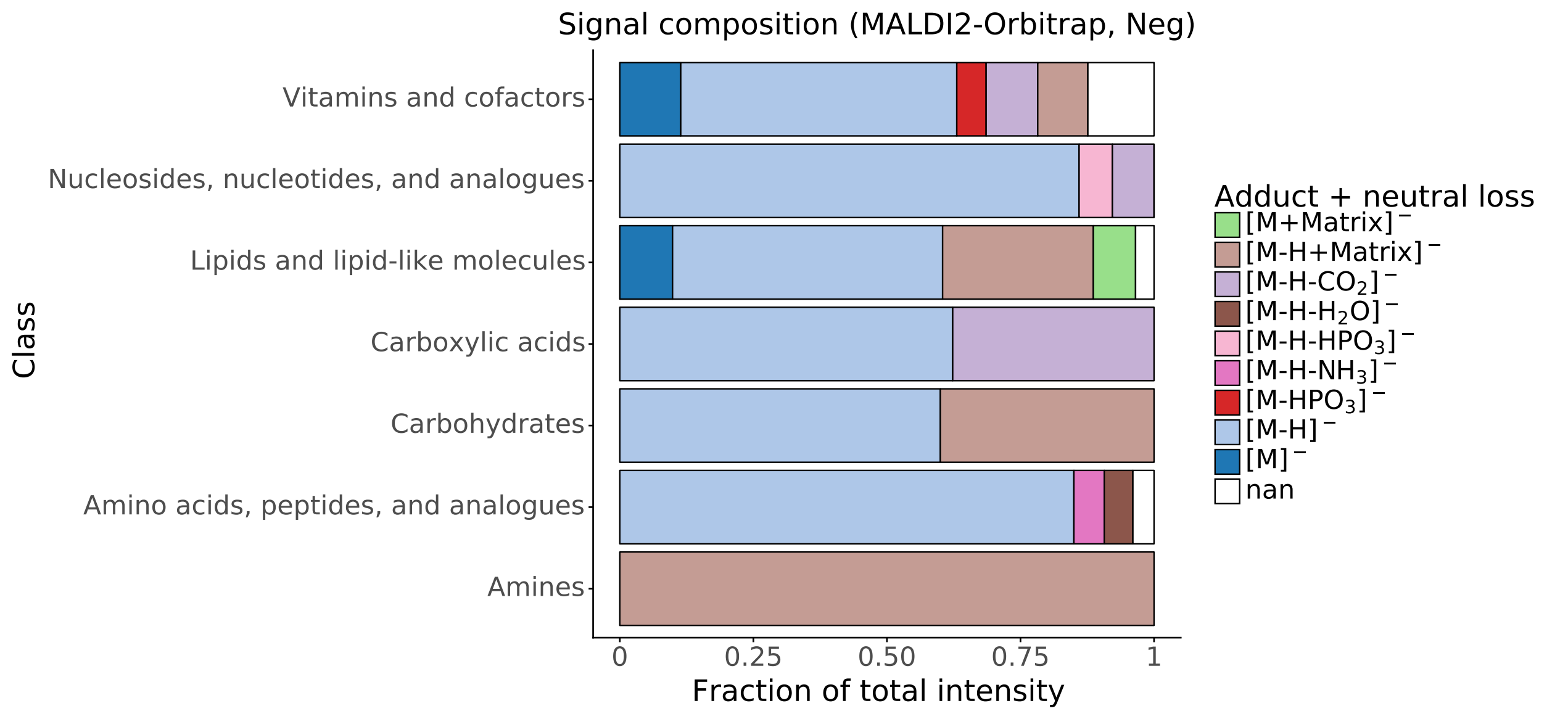

Signal composition (MALDI-FTICR, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H2]+
[M+H+Matrix]+
[M+H-H2O]+
[M+H-HPO3]+
[M+H-NH3]+
[M+H]+
[M+Matrix]+
[M+Na+H2]+
[M+Na+Matrix]+
[M+Na-H2O]+
[M+Na-HPO3]+
[M+Na]+
[M]+
nan

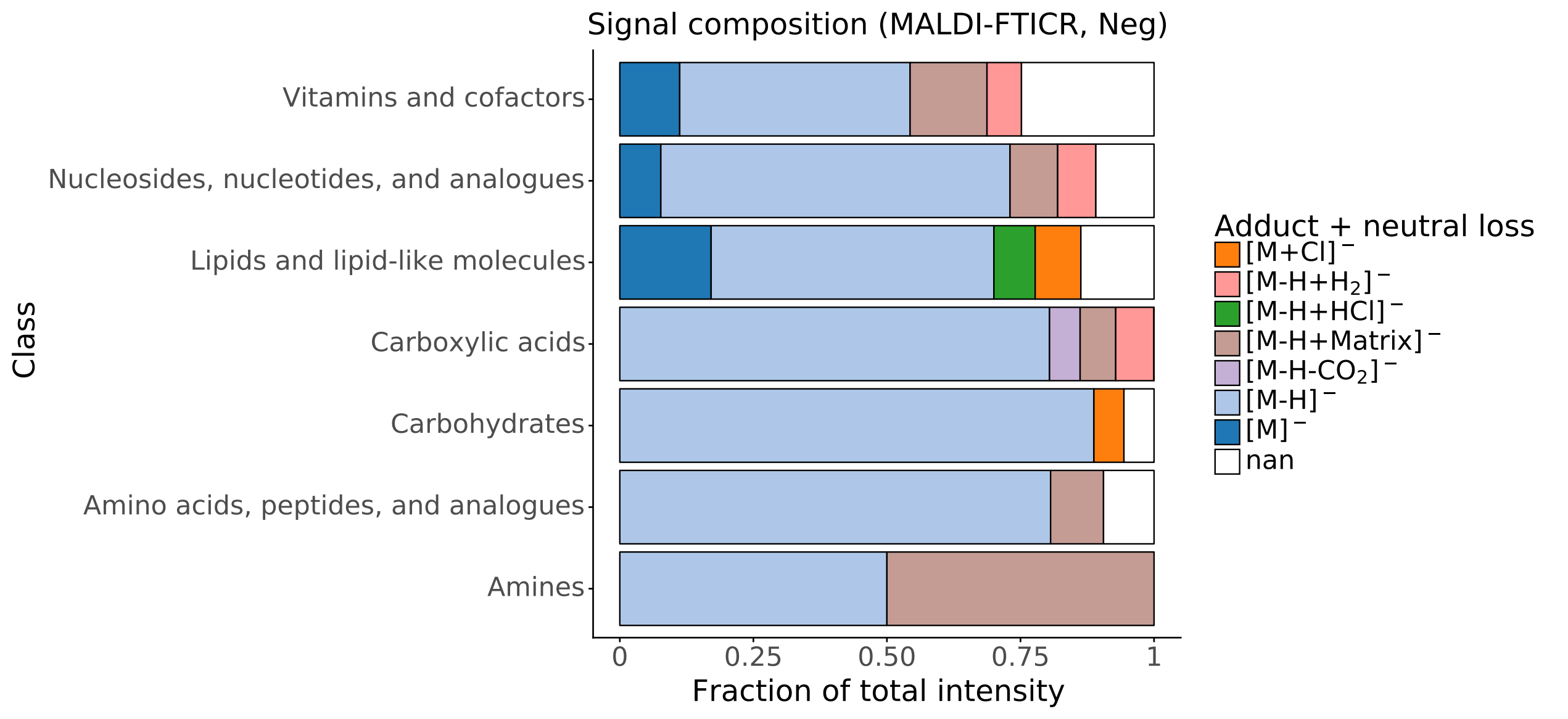

Signal composition (AP-MALDI-Orbitrap, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H2]+
[M+H-H2O]+
[M+H-H2]+
[M+H-NH3]+
[M+H]+
[M+K]+
[M+Na+H2]+
[M+Na+Matrix]+
[M+Na]+
[M]+
nan

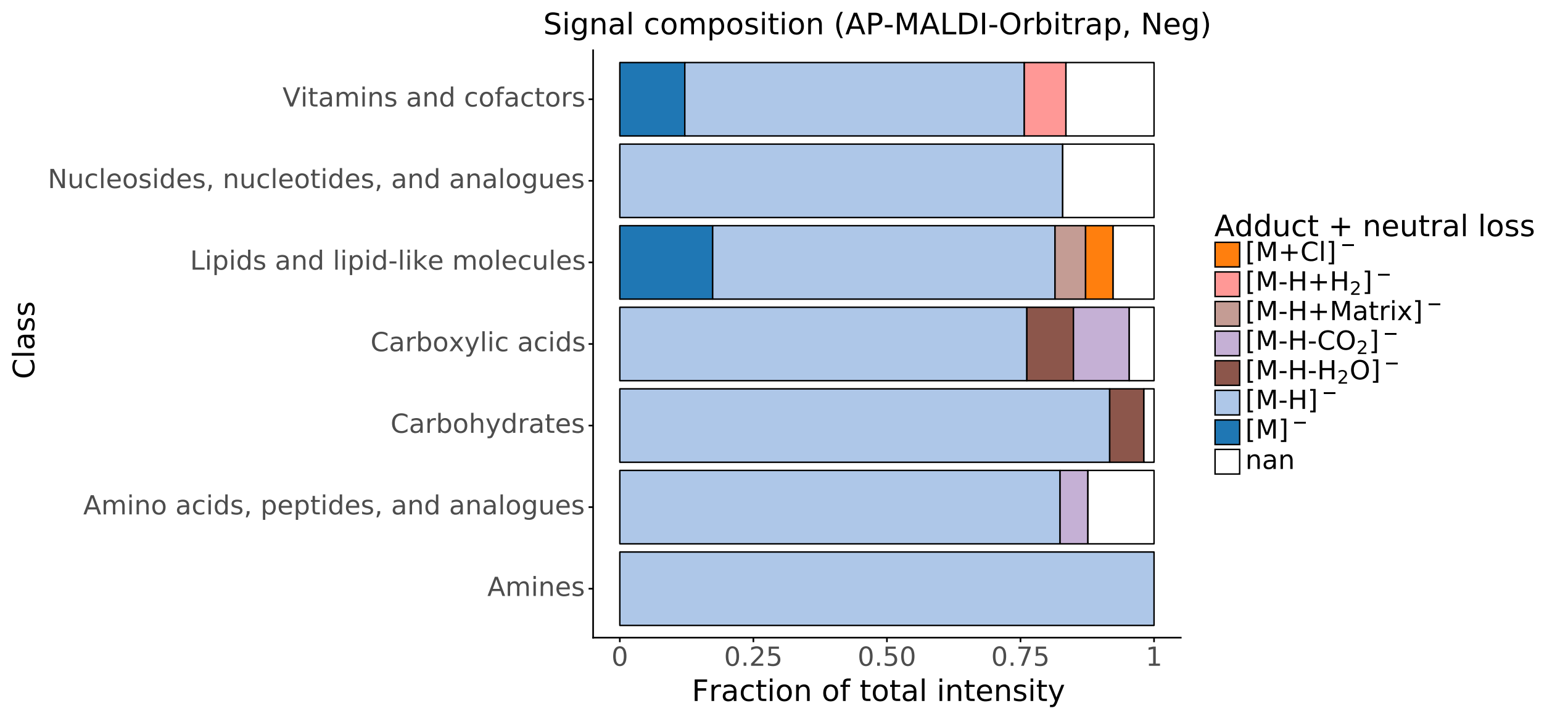

Signal composition (DESI-Orbitrap, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H-CH2O3]+
[M+H-H2]+
[M+H-NH3]+
[M+H]+
[M+K-CH2O3]+
[M+K]+
[M+Na-H2]+
[M+Na-HPO3]+
[M+Na]+
[M]+
nan

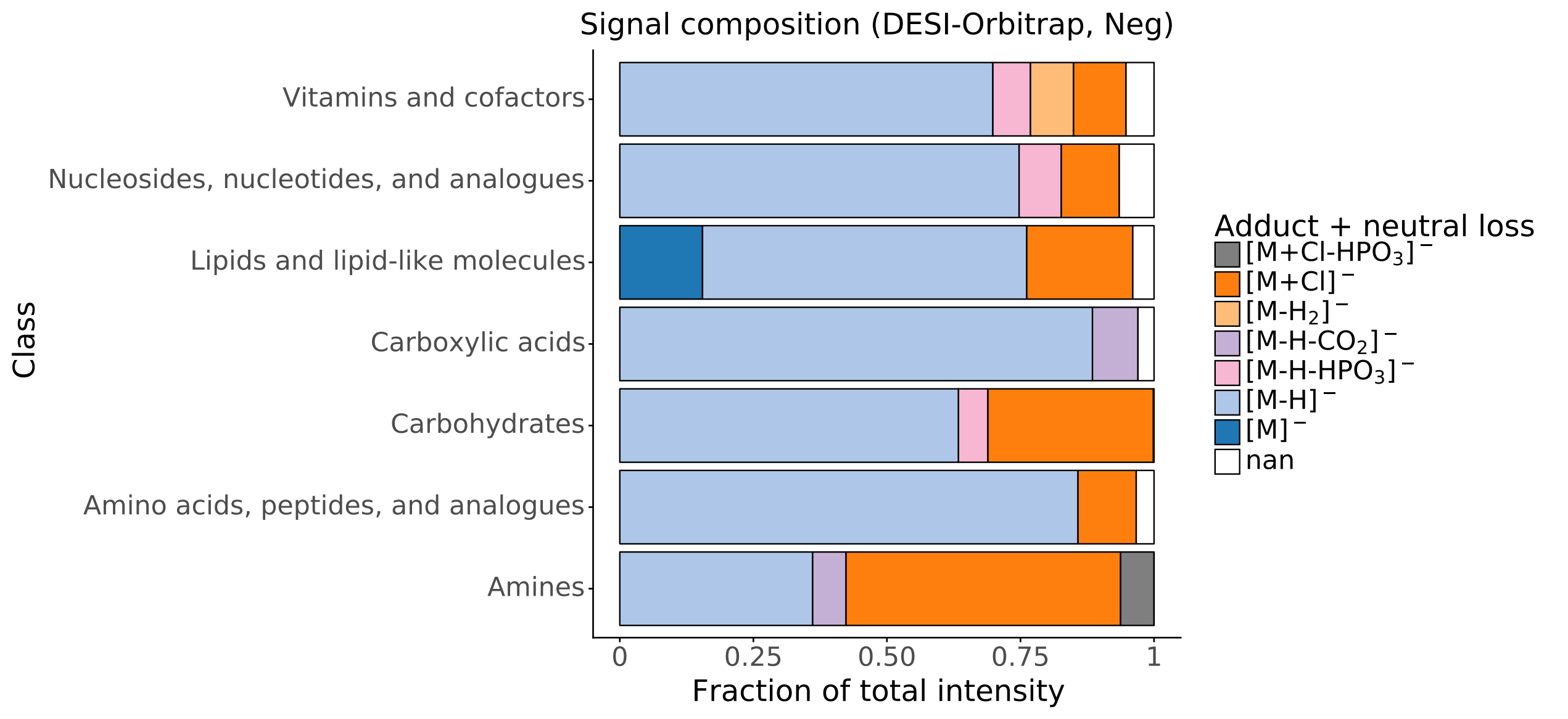

Signal composition (IR-MALDESI-Orbitrap, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H2]+
[M+H-H2O]+
[M+H-H2]+
[M+H-NH3]+
[M+H]+
[M+Na]+
[M]+
nan

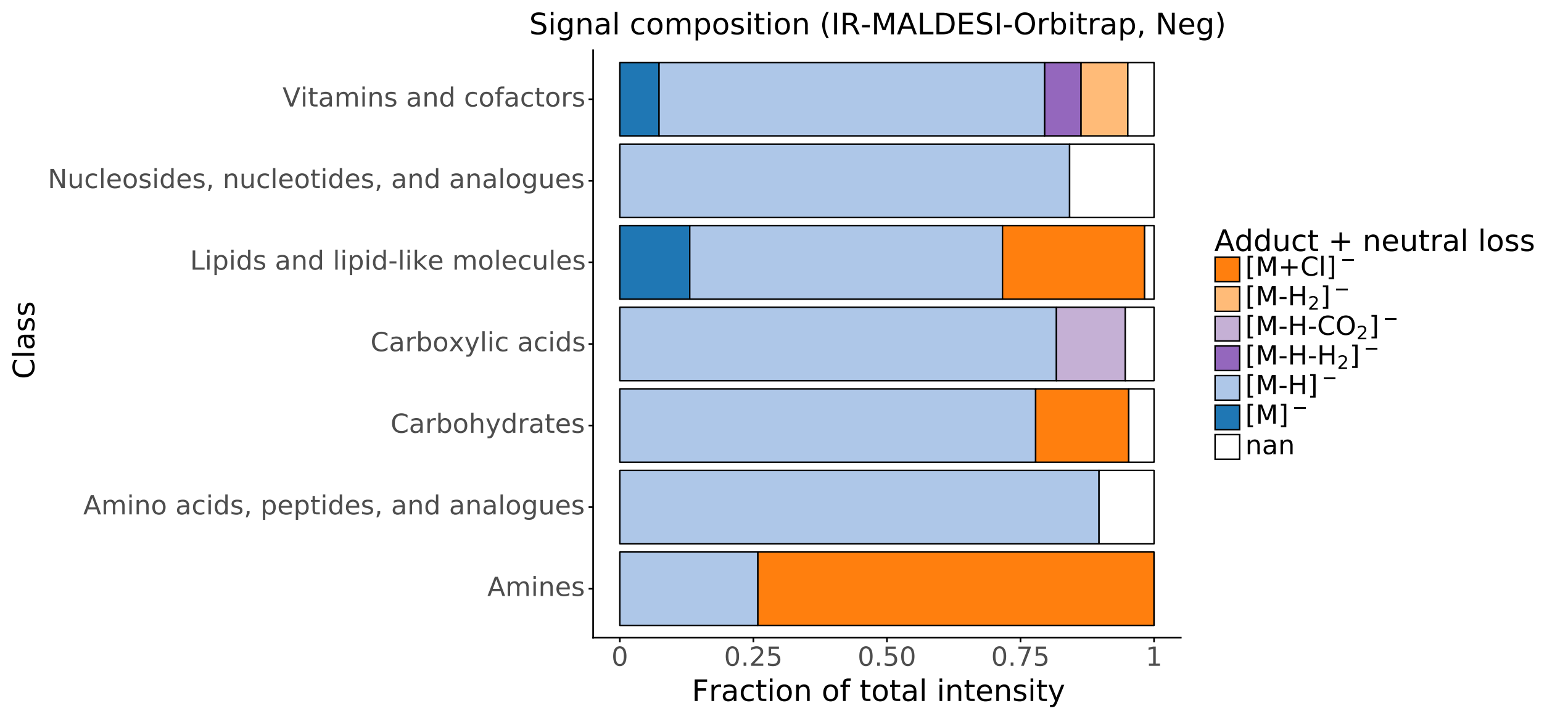

Signal composition (MALDI-qTOF, Pos)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+H2]+
[M+H+H2]+
[M+H-CH2O2]+
[M+H-H2O]+
[M+H-NH3]+
[M+H]+
[M+K]+
[M+Na+Matrix]+
[M+Na-HPO3]+
[M+Na]+
[M]+
nan

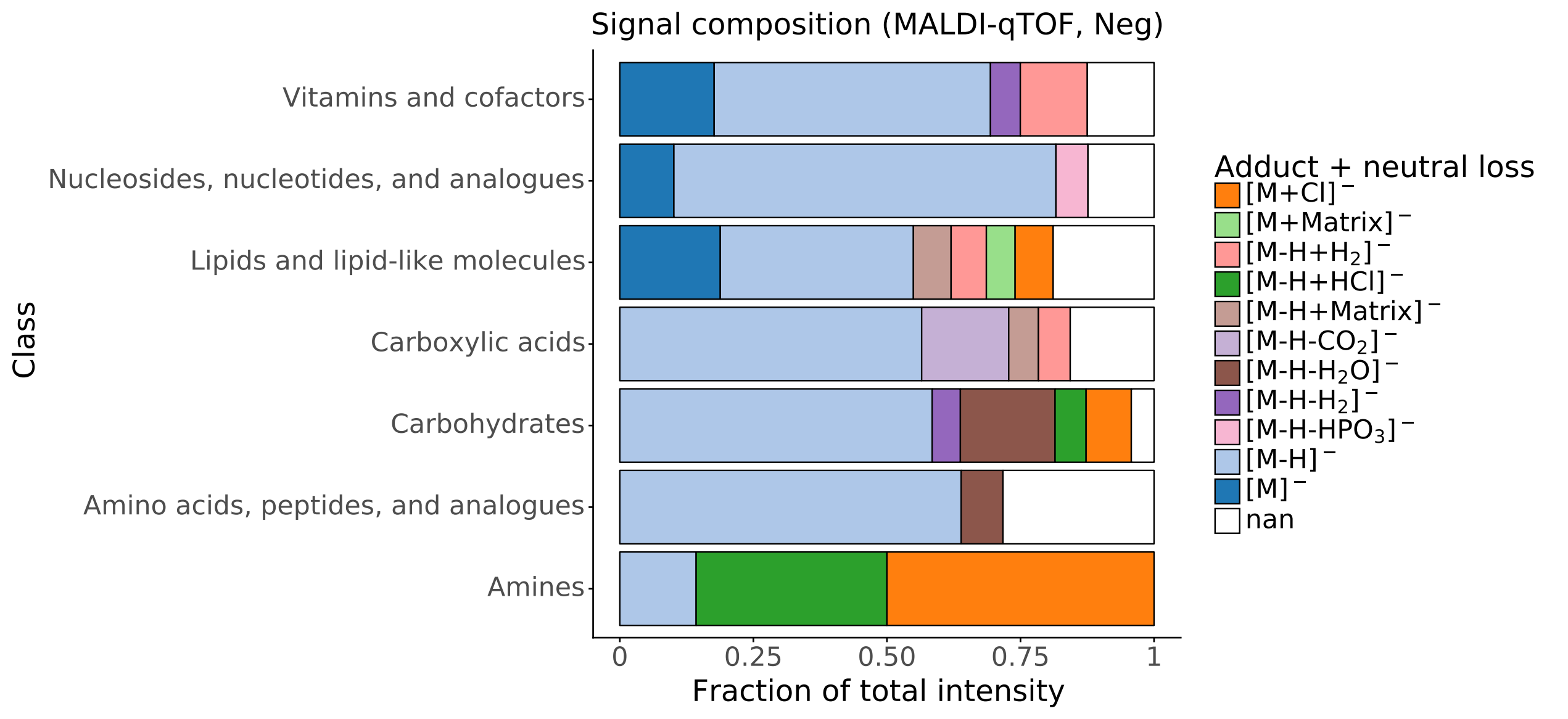

Signal composition (MALDI2-Orbitrap, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Matrix]⁻
[M-H+Matrix]⁻
[M-H-CO2]⁻
[M-H-H2O]⁻
[M-H-HPO3]⁻
[M-H-NH3]⁻
[M-HPO3]⁻
[M-H]⁻
[M]⁻
nan


Signal composition (MALDI-FTICR, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Cl]⁻
[M-H+H2]⁻
[M-H+HCl]⁻
[M-H+Matrix]⁻
[M-H-CO2]⁻
[M-H]⁻
[M]⁻
nan


Signal composition (AP-MALDI-Orbitrap, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Cl]⁻
[M-H+H2]⁻
[M-H+Matrix]⁻
[M-H-CO2]⁻
[M-H-H2O]⁻
[M-H]⁻
[M]⁻
nan


Signal composition (DESI-Orbitrap, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Cl-HPO3]−
[M+Cl]−
[M-H2]−
[M-H-CO2]−
[M-H-HPO3]−
[M-H]−
[M]−
nan


Signal composition (IR-MALDESI-Orbitrap, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Cl]⁻
[M-H2]⁻
[M-H-CO2]⁻
[M-H-H2]⁻
[M-H]⁻
[M]⁻
nan


Signal composition (MALDI-qTOF, Neg)
Class
Vitamins and cofactors
Nucleosides, nucleotides, and analogues
Lipids and lipid-like molecules
Carboxylic acids
Carbohydrates
Amino acids, peptides, and analogues
Amines
0
0.25
0.50
0.75
1
Fraction of total intensity
Adduct + neutral loss
[M+Cl]⁻
[M+Matrix]⁻
[M-H+H2]⁻
[M-H+HCl]⁻
[M-H+Matrix]⁻
[M-H-CO2]⁻
[M-H-H2O]⁻
[M-H-H2]⁻
[M-H-HPO3]⁻
[M-H]⁻
[M]⁻
nan