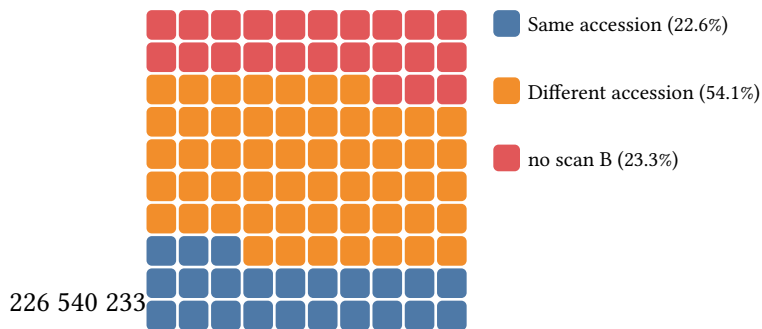


```
(
  spoms: (
    alignment: (
      locations_score_threshold: 0.8,
      min_scenario_score: 10,
      nb_locations_saved: 200,
      nb_min_aa_found: 20,
      nb_peaks_min: 30,
    ),
    output: (max_interpretations_per_spectrum: 4),
    post_treatment: (
      nb_interpretations_saved: 4,
      shut_down_non_aligned_mass: false,
      shut_down_peaks_cleaning: false,
    ),
    spectrum: (
      deisotope: false,
      fragment_tolerance: 0.02,
      fragment_tolerance_unit: "dalton",
      minimum_mz: 0,
      n_most_intense: 60,
    ),
  ),
)
```

waffle-chart



```
(
  mz: (
    84.04496765136719,
    84.08136749267578,
    86.06063842773438,
    86.09698486328125,
    101.0714111328125,
    101.10779571533205,
    102.05532836914063,
    103.05860137939452,
    110.07160949707033,
    112.08724975585938,
    114.05518341064452,
    115.08673858642578,
    129.10232543945313,
    130.04994201660156,
    130.08645629882813,
    136.07582092285156,
    141.10232543945313,
```

```
147.11268615722656,  
169.096923828125,  
175.1189422607422,  
183.1495819091797,  
212.10256958007813,  
213.0866851806641,  
226.15464782714844,  
231.0974273681641,  
232.1400909423828,  
241.0813751220703,  
243.09735107421875,  
244.16537475585935,  
245.16897583007813,  
253.0928497314453,  
259.0921936035156,  
284.1358337402344,  
301.1617736816406,  
372.1418762207031,  
430.2049255371094,  
454.3027648925781,  
483.3037109375,  
497.7684326171875,  
511.2983093261719,  
.. (20 items omitted),  
)  
intensity: (  
74068.1640625,  
130443.8125,  
69023.4375,  
81629.1171875,  
16212.5380859375,  
22849.966796875,  
333717.6875,  
16101.927734375,  
56306.5,  
22871.23046875,  
207283.65625,  
24557.021484375,  
147387.6875,  
17854.013671875,  
35723.4765625,  
27279.486328125,  
14525.3837890625,  
98562.625,  
20330.017578125,  
44813.41015625,  
22102.3671875,  
22065.212890625,  
16092.5888671875,  
77672.765625,  
27074.00390625,  
27387.865234375,  
42277.55078125,  
88781.953125,  
255124.890625,  
34143.6015625,
```

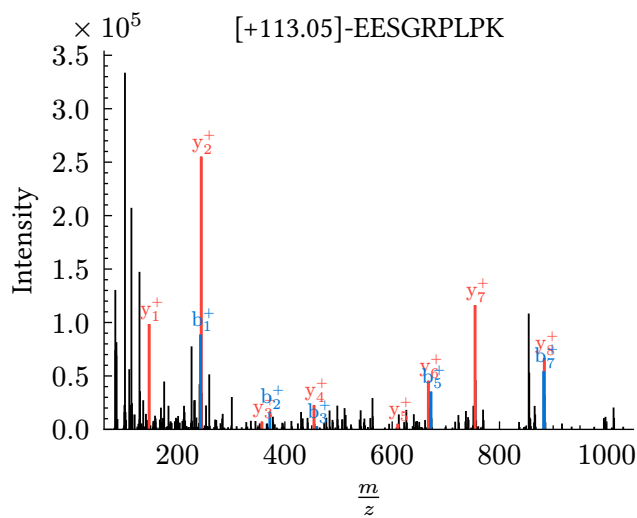
```

22438.140625,
51490.75390625,
14566.546875,
30286.70703125,
16502.775390625,
16268.0947265625,
22605.25,
17704.537109375,
22231.6875,
19894.615234375,
.. (20 items omitted),
),
)

```

Scan index=4042 mh=1124.5827 mz=563.2986 charge=2 rt=1049.64s

sage : Scan index=4042 mh=1124.5828 mz=563.2987 charge=2 rt=1049.64s)

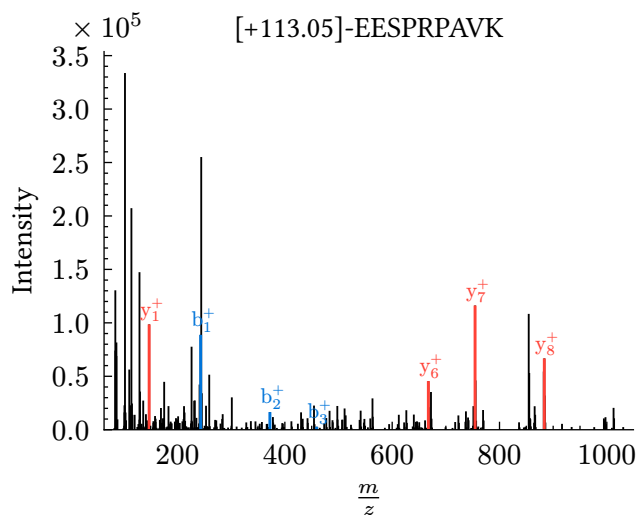


Spoms

bracket [113.05]EES[G][R][P][L]PK

nam -0.002634395022141689

score 47

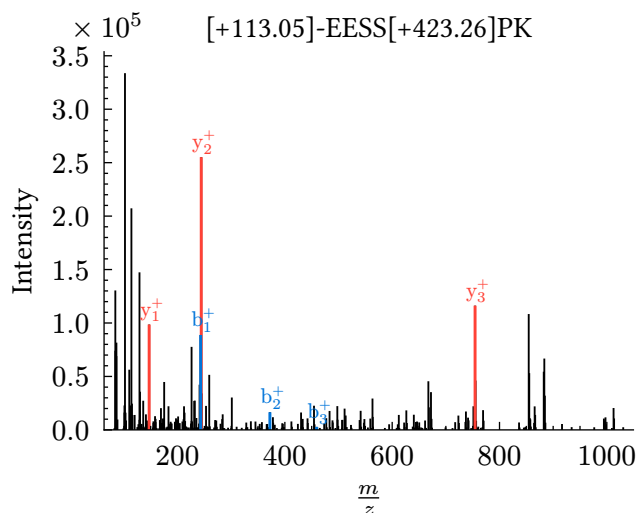


Spoms

bracket [113.05]EES[P][R][P][A][V]K

nam -0.002634395022141689

score 37



Spoms

bracket [113.05]EES[423.26]PK

nam -87.03403382118222

score 31

Sage KAGGASGPEVPR

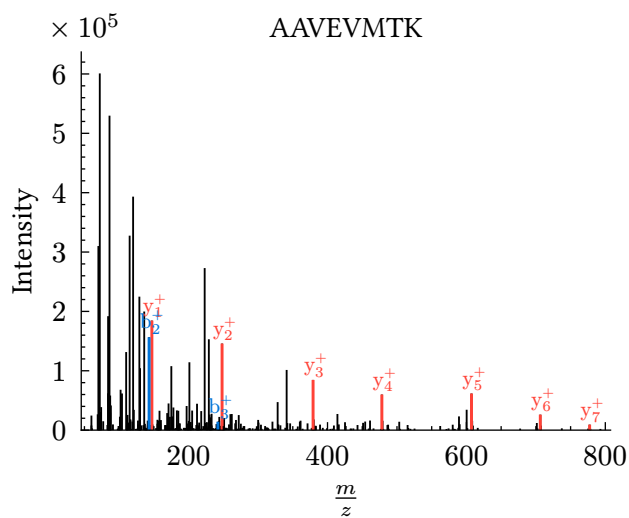
bracket (

aligned_rt: 0.34987858,
 calcmass: 1124.5939,
 delta_best: 0,
 delta_mobility: 0,
 delta_next: 1.0984679167877296,
 delta_rt_model: 0.10358709,
 fragment_ppm: 1.5952345,
 hyperscore: 29.000664517475517,
 ion_mobility: 0,
 isotope_error: 0,
 label: -1,
 longest_b: 1,
 longest_y: 2,
 longest_y_pct: 0.16666667,
 matched_intensity_pct: 10.32634,
 matched_peaks: 6,
 missed_cleavages: 0,
 ms2_intensity: 423994.12,
 peptide_len: 12,
 peptide_q: 0.12432868,
 poisson: -3.074438438683329,
 posterior_error: -0.27003285,
 precursor_ppm: -9.877746,
 predicted_mobility: 0,
 predicted_rt: 0.24629149,
 protein_q: 0.21793838,
 rank: 1,
 sage_discriminant_score: 0.73452294,
 scored_candidates: 1096,
 semi_enzymatic: 0,
 spectrum_q: 0.10874835,

)

Scan index=4043 mh=847.4463 mz=424.7304 charge=2 rt=1049.76s

sage : Scan index=4043 mh=847.4463 mz=424.7304 charge=2 rt=1049.76s)

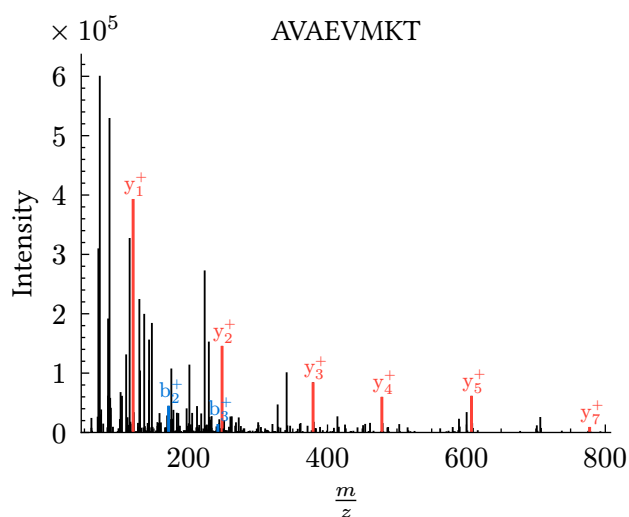


Spoms

bracket [A][A]VEVMTK

nam -0.0010772517550776683

score 45



Spoms

bracket [A][V]AEVMKT

nam -0.0010772517550776683

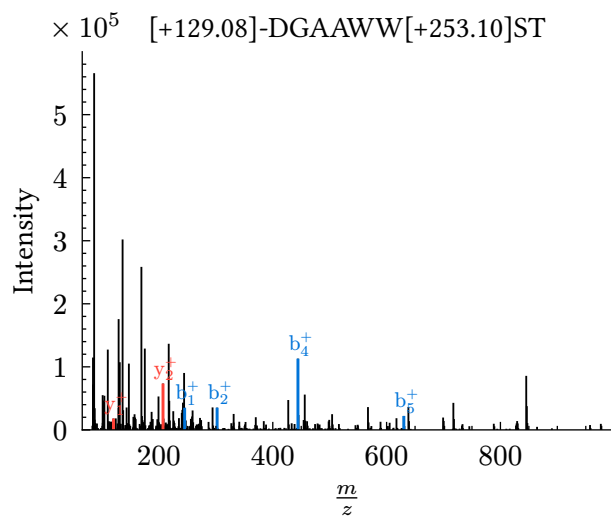
score 42

Sage AAVEVMTK

```
bracket (  
  aligned_rt: 0.34991992,  
  calcmass: 847.4473,  
  delta_best: 0,  
  delta_mobility: 0,  
  delta_next: 4.708258015549244,  
  delta_rt_model: 0.053729653,  
  fragment_ppm: 0.4461213,  
  hyperscore: 36.00450585357247,  
  ion_mobility: 0,  
  isotope_error: 0,  
  label: 1,  
  longest_b: 2,  
  longest_y: 6,  
  longest_y_pct: 0.75,  
  matched_intensity_pct: 11.928982,  
  matched_peaks: 9,  
  missed_cleavages: 0,  
  ms2_intensity: 854587,  
  peptide_len: 8,  
  peptide_q: 0.00032568572,  
  poisson: -5.8515728009959,  
  posterior_error: -2.8033128,  
  precursor_ppm: -1.2243809,  
  predicted_mobility: 0,  
  predicted_rt: 0.40364957,  
  protein_q: 0.0004211588,  
  rank: 1,  
  sage_discriminant_score: 1.2616142,  
  scored_candidates: 1166,  
  semi_enzymatic: 0,  
  spectrum_q: 0.0003131851,  
)
```

Scan index=4045 mh=1088.4919 mz=545.2532 charge=2 rt=1050.06s

sage : Scan index=4045 mh=1088.492 mz=545.2533 charge=2 rt=1050.06s)

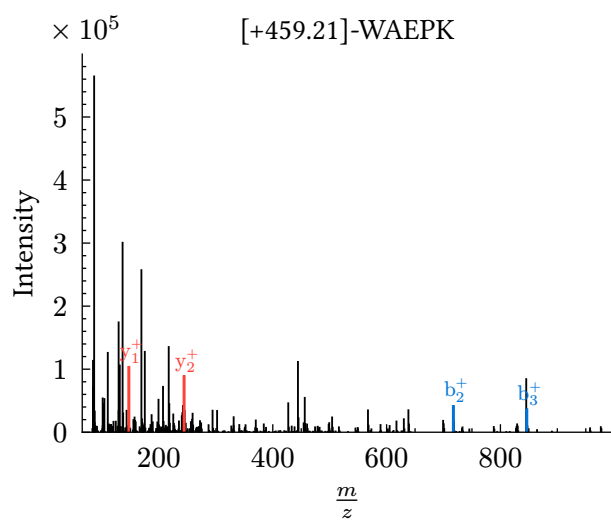


Spoms

bracket [129.08]DGAAW[253.10]ST

nam -186.05384404900383

score 37



Spoms

bracket [459.21]WAEPK

nam -0.03979780425947865

score 35

Sage LMGASGEPGDR

bracket (

```
aligned_rt: 0.3500214,  
calcmass: 1088.4921,  
delta_best: 0,  
delta_mobility: 0,  
delta_next: 3.049105062488124,  
delta_rt_model: 0.04030156,  
fragment_ppm: 0.8263183,  
hyperscore: 34.8090412413772,  
ion_mobility: 0,  
isotope_error: 0,  
label: 1,  
longest_b: 2,  
longest_y: 4,  
longest_y_pct: 0.36363637,  
matched_intensity_pct: 11.289049,  
matched_peaks: 9,  
missed_cleavages: 0,  
ms2_intensity: 575859.5,  
peptide_len: 11,  
peptide_q: 0.0015902492,  
poisson: -5.732847628843392,  
posterior_error: -1.7854804,  
precursor_ppm: -0.11214627,  
predicted_mobility: 0,  
predicted_rt: 0.39032295,  
protein_q: 0.0030248554,  
rank: 1,  
sage_discriminant_score: 1.1202134,  
scored_candidates: 531,  
semi_enzymatic: 0,  
spectrum_q: 0.0013229263,
```

)