Frag Check Panel Demonstration

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Why do we need a frag table?

Fundamentals on Frag Table: Allan 2004 Paper
Why do we need a frag table?

Example Frag Table:

<table>
<thead>
<tr>
<th>m/z</th>
<th>1</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
<th>18</th>
<th>28</th>
<th>30</th>
<th>32</th>
<th>40</th>
<th>44</th>
<th>46</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air</td>
<td>N+</td>
<td>O+</td>
<td>HO+</td>
<td>H2O+</td>
<td>N2+</td>
<td>O2+</td>
<td>Ar+</td>
<td>CO2+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NH4NO3</td>
<td>NH+</td>
<td>NH2+</td>
<td>NH3+</td>
<td>NO+</td>
<td>NO2+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H2SO4</td>
<td>O+</td>
<td>HO+</td>
<td>H2O+</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organics</td>
<td>C</td>
<td>CH+</td>
<td>CH2+</td>
<td>CH3+</td>
<td>O+</td>
<td>HO+</td>
<td>H2O+</td>
<td>CO+</td>
<td>CH2O+</td>
<td>CO2+</td>
<td>CH2O2+</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- For more fundamentals on Frag Table: Allan 2004
Calculate loadings for all species *except* those above
Frag plots panel

Old Fragmentation Diagnostic Graphs
Color by: Time
Diagnostics: NH4
Plot Data Diagnostics

Project Diagnostics, IE Calibrations
Project Diagnostics Graph
IE calibration table

ToDo Wave Selection
Todo: demo

ToDo Wave Creation
Run Interval: 43470-43737
Name: demo
New ToDo
Blacklist runs

Time Base Selection
As saved
Time stamp is: End
Set interval (m): 5
Custom wave:
Remember to do a filter so you can do air frag checks!