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MS Data

Property	Value	
Format	RAW	
Instrument	HCD-FTMS	
Data File List	D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_01.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_02.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_03.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_04.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_05.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_06.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_07.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_08.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_09.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_10.raw D:\soil\Angelo_10022013_P1_3040cm_MB_FASP_Elite_Run1_11.raw	
Mixture Spectra	True	
Decimal Places of M/Z	5	
Decimal Places of Intensity	1	
Model	Normal	
Threshold	-0.5	

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Search

Property	Value	
Database	soil_con	
Enzyme	Trypsin_P KR P C	
Enzyme Specificity	Full-Specific	
Number of Missed Cleavages	3	
Precursor Tolerance	±0.09 Da	
Fragment Tolerance	±0.01 Da	
Open Search	False	
Fixed Modifications		
Variable Modifications	Oxidation[M]	

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Filter

Property	Value	
FDR	Less than 1% at Peptides Level	
Peptide Mass	[400 , 4600]	
Peptide Length	[7 , 60]	
Number of Peptides Per Protein	At least 1	
Protein FDR	1%	

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MS1 Quantitation

Property	Value	
Quantitation	Label Free	
NUMBER_SCANS_HALF_CMTG	200	
PPM_FOR_CALIBRATION	0	
PPM_HALF_WIN_ACCURACY_PEAK	15	
NUMBER_HOLE_IN_CMTG	2	
TYPE_SAME_START_END_BETWEEN_EVIDENCE	Independent	