Creator: NewmanLab

Last modified: 26-Nov-14 by NewmanLab

MS Run Time (min): 90.00

Sequence override of method parameters not enabled.

Divert Valve: not used during run

Contact Closure: not used during run

Syringe Pump: not used during run

MS Detector Settings:

Real-time modifications to method disabled

Stepped collision energy not enabled

Additional Microscans:

MS2 0 0

MS3 0 0

MS4 0 0

MS5 0 0

MS6 0 0

MS7 0 0

MS8 0 0

MS9 0 0

MS10 0 0

Experiment Type: Nth Order Double Play With ETD

Tune Method: Michrom\_TD

Scan Event Details:

1: FTMS + p norm o(150.0-2000.0)

CV = 0.0V

2: FTMS + p norm Dep MS/MS Most intense ion from (1)

Activation Type: HCD

Min. Signal Required: 500.0

Isolation Width: 10.00

Normalized Coll. Energy: 35.0

Default Charge State: 10

Activation Time: 0.100

FT first mass mode: fixed at m/z

FT first mass value: 100.00

CV = 0.0V

3: FTMS + p norm Dep MS/MS Most intense ion from (1)

Activation Type: ETD

Supplemental Activation: Disabled

Min. Signal Required: 500.0

Isolation Width: 10.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 35.000

FT first mass mode: fixed at m/z

FT first mass value: 100.00

CV = 0.0V

Scan Event 2 and 3 repeated for top 3 peaks.

Lock Masses:

Pos List Name: N/A

Source: API Source

Mass List: (none)

Neg List Name: N/A

Source: API Source

Mass List: (none)

Data Dependent Settings:

Use separate polarity settings disabled

Parent Mass List: (none)

Reject Mass List: (none)

Neutral Loss Mass List: (none)

Product Mass List: (none)

Neutral loss in top: 3

Product in top: 3

Most intense if no parent masses found enabled

Add/subtract mass not enabled

FT master scan preview mode enabled

Charge state screening enabled

Charge state dependent ETD time not enabled

Monoisotopic precursor selection not enabled

Charge state rejection enabled

Unassigned charge states : rejected

Charge state 1 : rejected

Charge state 2 : rejected

Charge state 3 : rejected

Charge states 4+ : not rejected

Chromatography mode is disabled

Global Data Dependent Settings:

Predict ion injection time enabled

Use global parent and reject mass lists not enabled

Exclude parent mass from data dependent selection not enabled

Exclusion mass width by mass

Exclusion mass width low: 1.5000

Exclusion mass width high: 1.5000

Parent mass width by mass

Parent mass width low: 0.5000

Parent mass width high: 0.5000

Reject mass width relative to mass

Reject mass width relative to low (ppm): 10.00

Reject mass width relative to high (ppm): 10.00

Zoom/UltraZoom scan mass width by mass

Zoom/UltraZoom scan mass width low: 5.00

Zoom/UltraZoom scan mass width high: 5.00

FT SIM scan mass width low: 5.00

FT SIM scan mass width high: 5.00

Neutral Loss candidates processed by decreasing intensity

Neutral Loss mass width by mass

Neutral Loss mass width low: 0.5000

Neutral Loss mass width high: 0.5000

Product candidates processed by decreasing intensity

Product mass width by mass

Product mass width low: 0.5000

Product mass width high: 0.5000

MS mass range: 0.00-1000000.00

MSn mass range by mass

MSn mass range: 0.00-1000000.00

Use m/z values as masses not enabled

Analog UV data dep. not enabled

Dynamic exclusion enabled

Repeat Count: 1

Repeat Duration: 30.00

Exclusion List Size: 50

Exclusion Duration: 70.00

Exclusion mass width by mass

Exclusion mass width low: 1.5000

Exclusion mass width high: 1.5000

Expiration: disabled

Isotopic data dependence not enabled

Custom Data Dependent Settings:

Not enabled

Program for Dionex Chromatography MS Link

Sampler.TempCtrl = On

ColumnOven.TempCtrl = On

ColumnOven.Temperature.Nominal =35.0 [°C]

ColumnOven.Temperature.LowerLimit =30.0 [°C]

ColumnOven.Temperature.UpperLimit =40.0 [°C]

EquilibrationTime = 0.1 [min]

ColumnOven.ReadyTempDelta = 5.0 [°C]

Sampler.Temperature.Nominal = 5.0 [°C]

Sampler.Temperature.LowerLimit =4.0 [°C]

Sampler.Temperature.UpperLimit =45.0 [°C]

Sampler.ReadyTempDelta = None

LoadingPump.Pressure.LowerLimit =0 [bar]

LoadingPump.Pressure.UpperLimit =500 [bar]

LoadingPump.MaximumFlowRampDown =10 [µl/min²]

LoadingPump.MaximumFlowRampUp =10 [µl/min²]

LoadingPump.%A.Equate = "%A"

LoadingPump.%B.Equate = "%B"

%C.Equate = "%C"

LoadingPump\_Pressure.Step = 4.80 [s]

LoadingPump\_Pressure.Average =On

NC\_Pump.Pressure.LowerLimit = 0 [bar]

NC\_Pump.Pressure.UpperLimit = 800 [bar]

NC\_Pump.MaximumFlowRampDown = 900.000 [µl/min²]

NC\_Pump.MaximumFlowRampUp = 900.000 [µl/min²]

NC\_Pump.%A.Equate = "%A"

NC\_Pump.%B.Equate = "%B"

DrawSpeed = 200 [nl/s]

DrawDelay = 5000 [ms]

DispSpeed = 2000 [nl/s]

DispenseDelay = 2000 [ms]

WasteSpeed = 4000 [nl/s]

WashSpeed = 4000 [nl/s]

LoopWashFactor = 2.000

SampleHeight = 4.000 [mm]

PunctureDepth = 8.000 [mm]

WashVolume = 10.000 [µl]

LowDispersionMode = Off

InjectMode = FullLoop

NC\_Pump\_Pressure.Step = Auto

NC\_Pump\_Pressure.Average = Off

RinseBetweenReinjections = Yes

FlushVolume = 5.000 [µl]

ValveRight = 1\_2

FlushVolume2 = 3.000 [µl]

LoopOverfill = 2.000

0.000 Wait LoadingPump.Ready and NC\_Pump.Ready and ColumnOven.Ready and Sampler.Ready and PumpModule.Ready

;Chromeleon sets this property to signal to Xcalibur that it is ready to start a run.

ReadyToRun = 1

;Xcalibur sets this property to start the run or injection.

Wait StartRun

LoadingPump.Flow = 2.000 [µl/min]

LoadingPump.%B = 0.0 [%]

%C = 0.0 [%]

NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 3.0 [%]

Wait LoadingPump.Ready and NC\_Pump.Ready and ColumnOven.Ready and Sampler.Ready and PumpModule.Ready

Inject

NC\_Pump\_Pressure.AcqOn

LoadingPump\_Pressure.AcqOn

;Chromeleon sets this property to signal the injection to Xcalibur.

InjectResponse = 1

;Depending on your system configuration it might be necessary to manually insert

;a "Relay" command below in order to send the start signal to the MS.

;Typical syntaxes:

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;Pump\_Relay\_1.Closed Duration =2.00

;UM3PUMP\_Relay1.On Duration = 2.00

;UM3PUMP\_Relay1.On Duration = 2.00

NC\_Pump.Flow = 1.000 [µl/min]

LoadingPump.Flow = 2.000 [µl/min]

LoadingPump.%B = 0.0 [%]

%C = 0.0 [%]

NC\_Pump.%B = 3.0 [%]

1.000 NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 3.0 [%]

5.000 NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 27.0 [%]

60.000 NC\_Pump\_Pressure.AcqOff

Tune File Values

Source Type: NSI

Capillary Temp (C): 250.00

APCI Vaporizer Temp (C): 0.00

Sheath Gas Flow (): 0.00

Aux Gas Flow (): 0.00

Sweep Gas Flow (): 0.00

Injection Waveforms: On

Ion Trap Zoom AGC Target: 3000.00

Ion Trap Full AGC Target: 10000.00

Ion Trap SIM AGC Target: 10000.00

Ion Trap MSn AGC Target: 10000.00

FTMS Injection Waveforms: On

FTMS Full AGC Target: 100000.00

FTMS SIM AGC Target: 50000.00

FTMS MSn AGC Target: 1000000.00

POSITIVE POLARITY

Source Voltage (kV): 1.50

Source Current (uA): 100.00

S-Lens RF Level (%): 62.81

Skimmer Offset (V): 0.00

Multipole RF Amplifier (Vp-p): 800.00

Multipole 00 Offset (V): -1.48

Lens 0 Voltage (V): -1.98

Multipole 0 Offset (V): -14.82

Lens 1 Voltage (V): -14.82

Gate Lens Offset (V): -90.00

Multipole 1 Offset (V): -14.90

Front Lens (V): -14.15

Ion Trap Zoom Micro Scans: 1

Ion Trap Zoom Max Ion Time (ms): 50.00

Ion Trap Full Micro Scans: 1

Ion Trap Full Max Ion Time (ms): 250.00

Ion Trap SIM Micro Scans: 1

Ion Trap SIM Max Ion Time (ms): 50.00

Ion Trap MSn Micro Scans: 10

Ion Trap MSn Max Ion Time (ms): 100.00

FTMS Full Micro Scans: 3

FTMS Full Max Ion Time (ms): 500.00

FTMS SIM Micro Scans: 1

FTMS SIM Max Ion Time (ms): 200.00

FTMS MSn Micro Scans: 3

FTMS MSn Max Ion Time (ms): 200.00

Additional FT Tune File Values

FT Tune Item 1: 0.000000

FT Tune Item 2: 0.000000

FT Tune Item 3: 0.000000

FT Tune Item 4: 0.000000

FT Tune Item 5: 0.000000

FT Tune Item 6: 0.000000

FT Tune Item 7: 0.000000

FT Tune Item 8: 0.000000

FT Tune Item 9: 0.000000

FT Tune Item 10: 0.000000

NEGATIVE POLARITY

Source Voltage (kV): 1.50

Source Current (uA): 100.00

S-Lens RF Level (%): 60.00

Skimmer Offset (V): 0.00

Multipole RF Amplifier (Vp-p): 800.00

Multipole 00 Offset (V): 3.00

Lens 0 Voltage (V): 4.00

Multipole 0 Offset (V): 8.50

Lens 1 Voltage (V): 15.00

Gate Lens Offset (V): 90.00

Multipole 1 Offset (V): 10.00

Front Lens (V): 7.00

Ion Trap Zoom Micro Scans: 1

Ion Trap Zoom Max Ion Time (ms): 50.00

Ion Trap Full Micro Scans: 3

Ion Trap Full Max Ion Time (ms): 500.00

Ion Trap SIM Micro Scans: 1

Ion Trap SIM Max Ion Time (ms): 50.00

Ion Trap MSn Micro Scans: 1

Ion Trap MSn Max Ion Time (ms): 100.00

FTMS Full Micro Scans: 1

FTMS Full Max Ion Time (ms): 10.00

FTMS SIM Micro Scans: 1

FTMS SIM Max Ion Time (ms): 50.00

FTMS MSn Micro Scans: 1

FTMS MSn Max Ion Time (ms): 100.00

Additional FT Tune File Values

FT Tune Item 1: 0.000000

FT Tune Item 2: 0.000000

FT Tune Item 3: 0.000000

FT Tune Item 4: 0.000000

FT Tune Item 5: 0.000000

FT Tune Item 6: 0.000000

FT Tune Item 7: 0.000000

FT Tune Item 8: 0.000000

FT Tune Item 9: 0.000000

FT Tune Item 10: 0.000000

Reagent Ion Source Tune File Values

Reagent Ion Source Polarity: Negative

Reagent Ion Source Temp (C): 160.00

Reagent Ion Source Emission Current (uA): 50.00

Reagent Ion Source Electron Energy (V): -70.00

Reagent Ion Source CI Pressure (psi): 10.85

Reagent Vial 1 Ion Time: 100.00

Reagent Vial 1 AGC Target: 500000.00

Reagent Vial 2 Ion Time: 50.00

Reagent Vial 2 AGC Target: 100000.00

Supplemental Activation Energy: 25.00

POSITIVE POLARITY

Reagent Ion Lens 1 (V): -129.00

Reagent Ion Gate Lens (V): -37.00

Reagent Ion Lens 2 (V): -14.00

Reagent Ion Lens 3 (V): -25.00

Reagent Ion Back Lens Offset (V): -12.30

Reagent Ion Back Multipole Offset (V): -15.00

Back Section LPT Reagent Injection (V): -40.00

Center Lens Reagent Injection (V): -8.40

Front Lens Reagent Injection (V): -37.00

Center Lens 2 (V): -6.50

NEGATIVE POLARITY

Reagent Ion Lens 1 (V): 137.00

Reagent Ion Gate Lens (V): 25.00

Reagent Ion Lens 2 (V): 5.00

Reagent Ion Lens 3 (V): 6.00

Reagent Ion Back Lens Offset (V): 18.40

Reagent Ion Back Multipole Offset (V): 6.65

Back Section LPT Reagent Injection (V): 48.00

Center Lens Reagent Injection (V): 6.50

Front Lens Reagent Injection (V): 32.00

Center Lens 2 (V): 5.75

Calibration File Values

Multiple RF Frequency: 2674.800000

Main RF Frequency: 1151.198749

QMSlope0: 34.734541

QMSlope1: 34.713803

QMSlope2: 34.469017

QMSlope3: 0.000000

QMSlope4: 0.000000

QMInt0: -18.051862

QMInt1: -59.591048

QMInt2: -12.157440

QMInt3: 0.000000

QMInt4: 0.000000

End Section Slope: 0.000000

End Section Int: 12.000000

PQD CE Factor: 9.917073

IsoW Slope: 0.000169

IsoW Int: 0.450276

Reagent MP Slope: 6.930693

Reagent MP Int: 7.110229

Tickle Amp. Slope0: 0.000040

Tickle Amp. Int0: 0.010262

Tickle Amp. Slope1: 0.002000

Tickle Amp. Int1: 0.400000

Tickle Amp. Slope2: 0.002000

Tickle Amp. Int2: 0.400000

Tickle Amp. Slope3: 0.002000

Tickle Amp. Int3: 0.400000

Multiplier 1 Normal Gain (pos): -1979.062500

Multiplier 1 High Gain (pos): -2218.437500

Multiplier 2 Normal Gain (pos): -2034.062500

Multiplier 2 High Gain (pos): -2308.437500

Multiplier 1 Normal Gain (neg): -2062.187500

Multiplier 1 High Gain (neg): -2317.812500

Multiplier 2 Normal Gain (neg): -2156.562500

Multiplier 2 High Gain (neg): -2449.062500

Res. Eject Slope[0][0]: 0.019634

Res. Eject Intercept[0][0]: 0.888501

Res. Eject Slope[0][1]: 0.015046

Res. Eject Intercept[0][1]: 1.484921

Res. Eject Slope[0][2]: 0.013373

Res. Eject Intercept[0][2]: 1.836264

Res. Eject Slope[0][3]: 0.012477

Res. Eject Intercept[0][3]: 2.096077

Res. Eject Slope[0][4]: 0.011912

Res. Eject Intercept[0][4]: 2.305336

Res. Eject Slope[0][5]: 0.011520

Res. Eject Intercept[0][5]: 2.481900

Res. Eject Slope[0][6]: 0.011230

Res. Eject Intercept[0][6]: 2.635357

Res. Eject Slope[0][7]: 0.011007

Res. Eject Intercept[0][7]: 2.771514

Res. Eject Slope[0][8]: 0.010829

Res. Eject Intercept[0][8]: 2.894181

Res. Eject Slope[0][9]: 0.010684

Res. Eject Intercept[0][9]: 3.006002

Res. Eject Slope[0][10]: 0.010563

Res. Eject Intercept[0][10]: 3.108895

Res. Eject Slope[0][11]: 0.010460

Res. Eject Intercept[0][11]: 3.204296

Res. Eject Slope[0][12]: 0.010372

Res. Eject Intercept[0][12]: 3.293313

Res. Eject Slope[0][13]: 0.010262

Res. Eject Intercept[0][13]: 3.413478

Res. Eject Slope[0][14]: 0.010086

Res. Eject Intercept[0][14]: 3.633517

Res. Eject Slope[0][15]: 0.009908

Res. Eject Intercept[0][15]: 3.918460

Res. Eject Slope[0][16]: 0.000000

Res. Eject Intercept[0][16]: 0.000000

Res. Eject Slope[0][17]: 0.000000

Res. Eject Intercept[0][17]: 0.000000

Res. Eject Slope[0][18]: 0.000000

Res. Eject Intercept[0][18]: 0.000000

Res. Eject Slope[0][19]: 0.000000

Res. Eject Intercept[0][19]: 0.000000

Res. Eject Slope[1][0]: 0.006111

Res. Eject Intercept[1][0]: 0.521873

Res. Eject Slope[1][1]: 0.006096

Res. Eject Intercept[1][1]: 0.523949

Res. Eject Slope[1][2]: 0.006226

Res. Eject Intercept[1][2]: 0.498683

Res. Eject Slope[1][3]: 0.004650

Res. Eject Intercept[1][3]: 1.324907

Res. Eject Slope[1][4]: 0.005736

Res. Eject Intercept[1][4]: 0.214453

Res. Eject Slope[1][5]: 0.006705

Res. Eject Intercept[1][5]: -1.162330

Res. Eject Slope[1][6]: 0.004717

Res. Eject Intercept[1][6]: 0.000000

Res. Eject Slope[1][7]: 0.004577

Res. Eject Intercept[1][7]: 0.000000

Res. Eject Slope[1][8]: 0.004475

Res. Eject Intercept[1][8]: 0.000000

Res. Eject Slope[1][9]: 0.004396

Res. Eject Intercept[1][9]: 0.000000

Res. Eject Slope[1][10]: 0.000000

Res. Eject Intercept[1][10]: 0.000000

Res. Eject Slope[1][11]: 0.000000

Res. Eject Intercept[1][11]: 0.000000

Res. Eject Slope[1][12]: 0.000000

Res. Eject Intercept[1][12]: 0.000000

Res. Eject Slope[1][13]: 0.000000

Res. Eject Intercept[1][13]: 0.000000

Res. Eject Slope[1][14]: 0.000000

Res. Eject Intercept[1][14]: 0.000000

Res. Eject Slope[1][15]: 0.000000

Res. Eject Intercept[1][15]: 0.000000

Res. Eject Slope[1][16]: 0.000000

Res. Eject Intercept[1][16]: 0.000000

Res. Eject Slope[1][17]: 0.000000

Res. Eject Intercept[1][17]: 0.000000

Res. Eject Slope[1][18]: 0.000000

Res. Eject Intercept[1][18]: 0.000000

Res. Eject Slope[1][19]: 0.000000

Res. Eject Intercept[1][19]: 0.000000

Res. Eject Slope[2][0]: 0.005000

Res. Eject Intercept[2][0]: 1.500000

Res. Eject Slope[2][1]: 0.005000

Res. Eject Intercept[2][1]: 1.500000

Res. Eject Slope[2][2]: 0.005000

Res. Eject Intercept[2][2]: 1.500000

Res. Eject Slope[2][3]: 0.005000

Res. Eject Intercept[2][3]: 1.500000

Res. Eject Slope[2][4]: 0.005000

Res. Eject Intercept[2][4]: 1.500000

Res. Eject Slope[2][5]: 0.005000

Res. Eject Intercept[2][5]: 1.500000

Res. Eject Slope[2][6]: 0.005000

Res. Eject Intercept[2][6]: 0.000000

Res. Eject Slope[2][7]: 0.000000

Res. Eject Intercept[2][7]: 0.000000

Res. Eject Slope[2][8]: 0.000000

Res. Eject Intercept[2][8]: 0.000000

Res. Eject Slope[2][9]: 0.000000

Res. Eject Intercept[2][9]: 0.000000

Res. Eject Slope[2][10]: 0.000000

Res. Eject Intercept[2][10]: 0.000000

Res. Eject Slope[2][11]: 0.000000

Res. Eject Intercept[2][11]: 0.000000

Res. Eject Slope[2][12]: 0.000000

Res. Eject Intercept[2][12]: 0.000000

Res. Eject Slope[2][13]: 0.000000

Res. Eject Intercept[2][13]: 0.000000

Res. Eject Slope[2][14]: 0.000000

Res. Eject Intercept[2][14]: 0.000000

Res. Eject Slope[2][15]: 0.000000

Res. Eject Intercept[2][15]: 0.000000

Res. Eject Slope[2][16]: 0.000000

Res. Eject Intercept[2][16]: 0.000000

Res. Eject Slope[2][17]: 0.000000

Res. Eject Intercept[2][17]: 0.000000

Res. Eject Slope[2][18]: 0.000000

Res. Eject Intercept[2][18]: 0.000000

Res. Eject Slope[2][19]: 0.000000

Res. Eject Intercept[2][19]: 0.000000

Res. Eject Slope[3][0]: 0.033590

Res. Eject Intercept[3][0]: 1.686236

Res. Eject Slope[3][1]: 0.022923

Res. Eject Intercept[3][1]: 3.072925

Res. Eject Slope[3][2]: 0.019033

Res. Eject Intercept[3][2]: 3.889808

Res. Eject Slope[3][3]: 0.016950

Res. Eject Intercept[3][3]: 4.493877

Res. Eject Slope[3][4]: 0.015635

Res. Eject Intercept[3][4]: 4.980410

Res. Eject Slope[3][5]: 0.014723

Res. Eject Intercept[3][5]: 5.390925

Res. Eject Slope[3][6]: 0.014050

Res. Eject Intercept[3][6]: 5.747717

Res. Eject Slope[3][7]: 0.013531

Res. Eject Intercept[3][7]: 6.064287

Res. Eject Slope[3][8]: 0.013117

Res. Eject Intercept[3][8]: 6.349490

Res. Eject Slope[3][9]: 0.012780

Res. Eject Intercept[3][9]: 6.609477

Res. Eject Slope[3][10]: 0.012498

Res. Eject Intercept[3][10]: 6.848704

Res. Eject Slope[3][11]: 0.012260

Res. Eject Intercept[3][11]: 7.070514

Res. Eject Slope[3][12]: 0.012055

Res. Eject Intercept[3][12]: 7.277482

Res. Eject Slope[3][13]: 0.011799

Res. Eject Intercept[3][13]: 7.556866

Res. Eject Slope[3][14]: 0.011389

Res. Eject Intercept[3][14]: 8.068464

Res. Eject Slope[3][15]: 0.010975

Res. Eject Intercept[3][15]: 8.730962

Res. Eject Slope[3][16]: 0.000000

Res. Eject Intercept[3][16]: 0.000000

Res. Eject Slope[3][17]: 0.000000

Res. Eject Intercept[3][17]: 0.000000

Res. Eject Slope[3][18]: 0.000000

Res. Eject Intercept[3][18]: 0.000000

Res. Eject Slope[3][19]: 0.000000

Res. Eject Intercept[3][19]: 0.000000

Res. Eject Slope[4][0]: 0.013600

Res. Eject Intercept[4][0]: 14.750000

Res. Eject Slope[4][1]: 0.000000

Res. Eject Intercept[4][1]: 0.000000

Res. Eject Slope[4][2]: 0.000000

Res. Eject Intercept[4][2]: 0.000000

Res. Eject Slope[4][3]: 0.000000

Res. Eject Intercept[4][3]: 0.000000

Res. Eject Slope[4][4]: 0.000000

Res. Eject Intercept[4][4]: 0.000000

Res. Eject Slope[4][5]: 0.000000

Res. Eject Intercept[4][5]: 0.000000

Res. Eject Slope[4][6]: 0.000000

Res. Eject Intercept[4][6]: 0.000000

Res. Eject Slope[4][7]: 0.000000

Res. Eject Intercept[4][7]: 0.000000

Res. Eject Slope[4][8]: 0.000000

Res. Eject Intercept[4][8]: 0.000000

Res. Eject Slope[4][9]: 0.000000

Res. Eject Intercept[4][9]: 0.000000

Res. Eject Slope[4][10]: 0.000000

Res. Eject Intercept[4][10]: 0.000000

Res. Eject Slope[4][11]: 0.000000

Res. Eject Intercept[4][11]: 0.000000

Res. Eject Slope[4][12]: 0.000000

Res. Eject Intercept[4][12]: 0.000000

Res. Eject Slope[4][13]: 0.000000

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Res. Eject Slope[4][14]: 0.000000

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Mass Slope[6][2]: 13.515001

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Mass Slope[12][2]: 27.224140

Mass Intercept[12][2]: 137.830090

Mass Slope[12][3]: 27.206692

Mass Intercept[12][3]: 142.890086

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Mass Slope[12][6]: 27.172704

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Mass Slope[12][7]: 27.165589

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Vernier Fine Mass Slope: 430.713362

Vernier Fine Mass Intercept: 0.000000

Vernier Coarse Mass Slope: 0.000000

Vernier Coarse Mass Intercept: 0.000000

Center Lens High-Low Transfer (pos) (V): 0.61

Back Section High-Low Transfer (pos) (V): -0.65

Center Lens High-Low Transfer (neg) (V): 0.61

Back Section High-Low Transfer (neg) (V): 0.77

Center Lens Low-High Transfer (pos) (V): -1.20

Front Section Low-High Transfer (pos) (V): -4.25

Center Lens Low-High Transfer (neg) (V): 2.39

Front Section Low-High Transfer (neg) (V): 4.07

Scan Phase 0: 15.000000

Scan Phase 1: 81.500000

Scan Phase 2: 0.000000

Scan Phase 3: 0.000000

Scan Phase 4: 0.000000

Scan Phase 5: 0.000000

Scan Phase 6: 39.500000

Scan Phase 7: 0.000000

Scan Phase 8: 10.000000

Scan Phase 9: 0.000000

Scan Phase 10: 0.000000

Scan Phase 11: 0.000000

Scan Phase 12: 0.000000

Multiplier 1 Res Ej Phase (pos): 11.142857

Multiplier 2 Res Ej Phase (pos): 78.000000

Multiplier 1 Res Ej Phase (neg): 14.857143

Multiplier 2 Res Ej Phase (neg): 83.571429

Cap. Device Min (V): 0.000000

Cap. Device Max (V): 0.000000

Tube Lens Device Min (V): 0.000000

Tube Lens Device Max (V): 0.000000

Skimmer Device Min (V): 0.000000

Skimmer Device Max (V): 0.000000

Multipole 00 Device Min (V): -139.923680

Multipole 00 Device Max (V): 139.758937

Lens 0 Device Min (V): -140.677047

Lens 0 Device Max (V): 140.323712

Gate Lens Device Min (V): -136.445967

Gate Lens Device Max (V): 136.107399

Split Gate Device Min (V): 0.109905

Split Gate Device Max (V): 0.032789

Multipole 0 Device Min (V): -139.995986

Multipole 0 Device Max (V): 139.337869

Lens 1 Device Min (V): -139.879921

Lens 1 Device Max (V): 139.497051

Multipole 1 Device Min (V): -140.108853

Multipole 1 Device Max (V): 139.617846

Front Lens Device Min (V): -140.011776

Front Lens Device Max (V): 140.064799

Front Section Device Min (V): -143.172751

Front Section Device Max (V): 142.901460

Center Section Device Min (V): -142.224512

Center Section Device Max (V): 141.833627

Back Section Device Min (V): -142.263840

Back Section Device Max (V): 142.154355

Back Lens Device Min (V): 0.000000

Back Lens Device Max (V): 0.000000

Reagent Lens 1 Device Min (V): -142.364285

Reagent Lens 1 Device Max (V): 142.262029

Reagent Gate Lens Min (V): -132.525611

Reagent Gate Lens Max (V): 132.721138

Reagent Lens 2 Device Min (V): -141.874020

Reagent Lens 2 Device Max (V): 141.858508

Reagent Lens 3 Device Min (V): -142.659104

Reagent Lens 3 Device Max (V): 142.470082

Reagent Electron Lens Device Min (V): 0.176116

Reagent Electron Lens Device Max (V): 150.966850

Center Lens LPT Device Min (V): -143.977314

Center Lens LPT Device Max (V): 143.699833

Front Section LPT Device Min (V): -142.804178

Front Section LPT Device Max (V): 142.391541

Center Section LPT Device Min (V): -142.192497

Center Section LPT Device Max (V): 142.252081

Back Section LPT Device Min (V): -142.530514

Back Section LPT Device Max (V): 142.041871

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FT Cal. Item 13: 4.000000

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FT Cal. Item 214: 1415849856.000000

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FT Cal. Item 218: 1413889280.000000

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FT Cal. Item 246: 35609616.000000

FT Cal. Item 247: 0.000000

FT Cal. Item 248: 1430.000000

FT Cal. Item 249: 192.000000

FT Cal. Item 250: 1415849856.000000

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FT Cal. Item 500: 0.000000

70.000 NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 50.0 [%]

75.000 NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 98.0 [%]

78.000 LoadingPump.Flow = 2.000 [µl/min]

LoadingPump.%B = 0.0 [%]

%C = 0.0 [%]

NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 98.0 [%]

78.500 NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 3.0 [%]

79.000 LoadingPump.Flow = 5.000 [µl/min]

LoadingPump.%B = 0.0 [%]

%C = 0.0 [%]

ValveRight = 10\_1

90.000

LoadingPump\_Pressure.AcqOff

LoadingPump.Flow = 5.000 [µl/min]

LoadingPump.%B = 0.0 [%]

%C = 0.0 [%]

NC\_Pump.Flow = 1.000 [µl/min]

NC\_Pump.%B = 3.0 [%]

InjectResponse = 0

End