

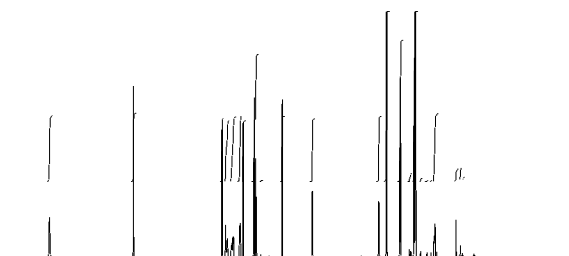
NSC-793323-Q1

Sample Name **NSC-793323-Q1**
Date collected **2016-09-06**

Pulse sequence **PROTON**
Solvent **dms**

Temperature **25**
Spectrometer **USF-Chem-NMR.usfca.edu-vnmr500**

Study owner **EmeryPharma**
Institution **EmeryPharma**



SAMPLE

date **Sep 6 2016**
solvent **dms**
file **/home/chemusf/vnmr
sys/data/EmeryPharma/NSC
-793323-Q1/NSC-793323-Q1
_20160906_01/NSC-793323-
Q1_PROTON01.fid**

ACQUISITION

sw **8012.8**
at **2.045**
np **32768**
fb **4000**
bs **32**
d1 **1.000**
nt **32**
ct **32**

TRANSMITTER

tn **H1**
sfrq **499.729**
tof **499.7**
tpwr **60**
pw **3.550**

DECOUPLER

dn **C13**
dof **0**
dm **nnn**
decwave **W40_HCN5mm**
dpwr **41**
dmf **32258**

PRESATURATION

satmode **n**
wet **n**

SPECIAL

temp **25.0**
gain **46**
spin **0**
hst **0.008**
pw90 **7.100**
alfa **10.000**

FLAGS

il **n**
in **n**
dp **y**
hs **nn**

PROCESSING

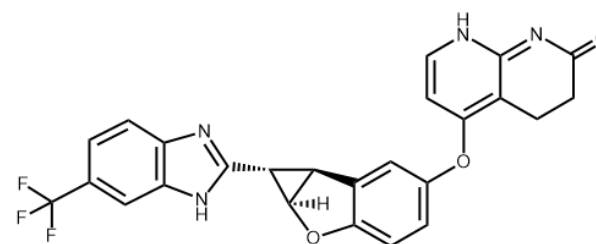
fn **not used**

DISPLAY

sp **-1007.6**
wp **8012.3**
rfi **1008.0**
rfp **0**
rp **109.4**
lp **0**

PLOT

wc **234**
sc **8**
vs **354**
th **1**
ai cdc ph

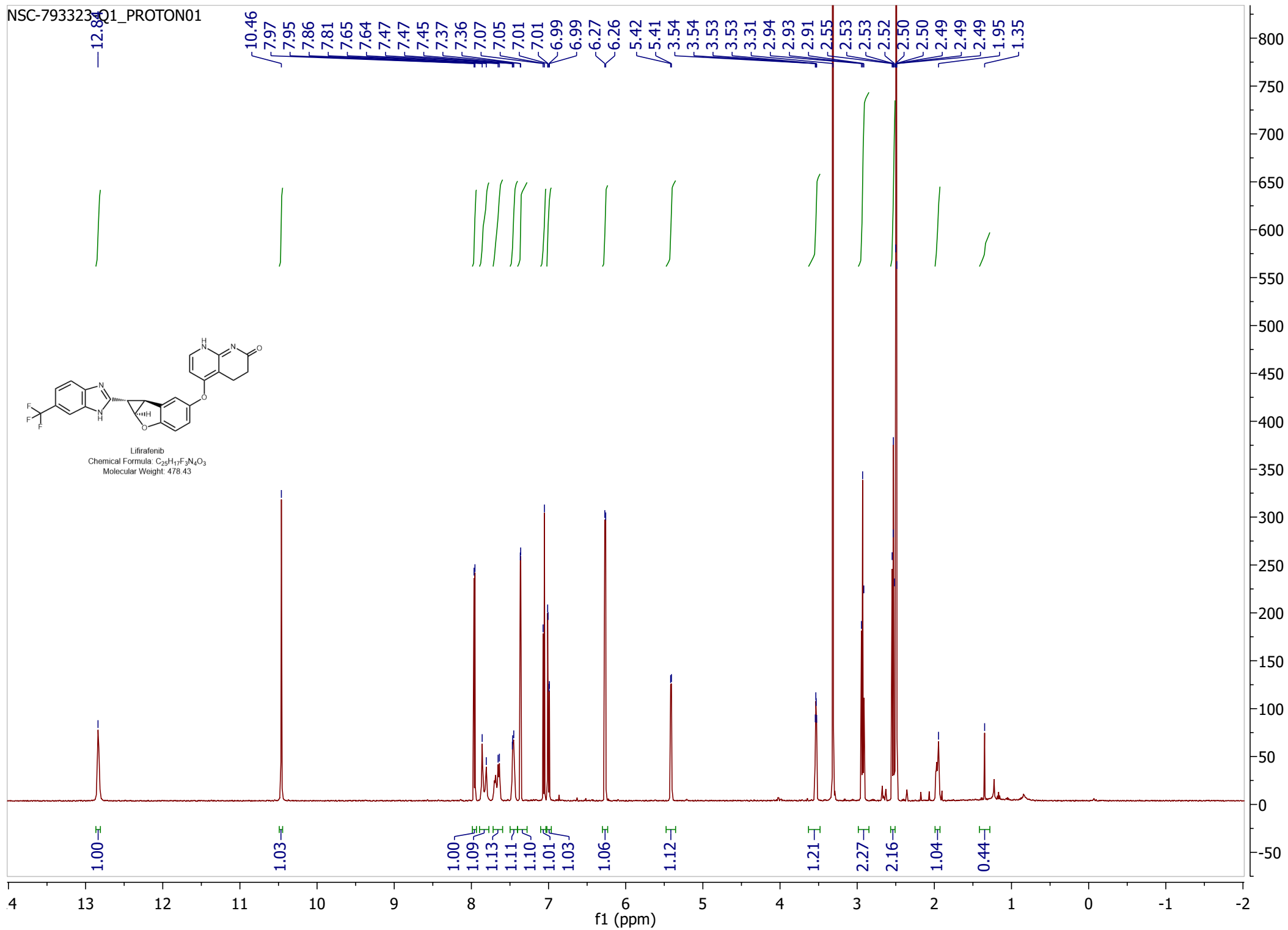


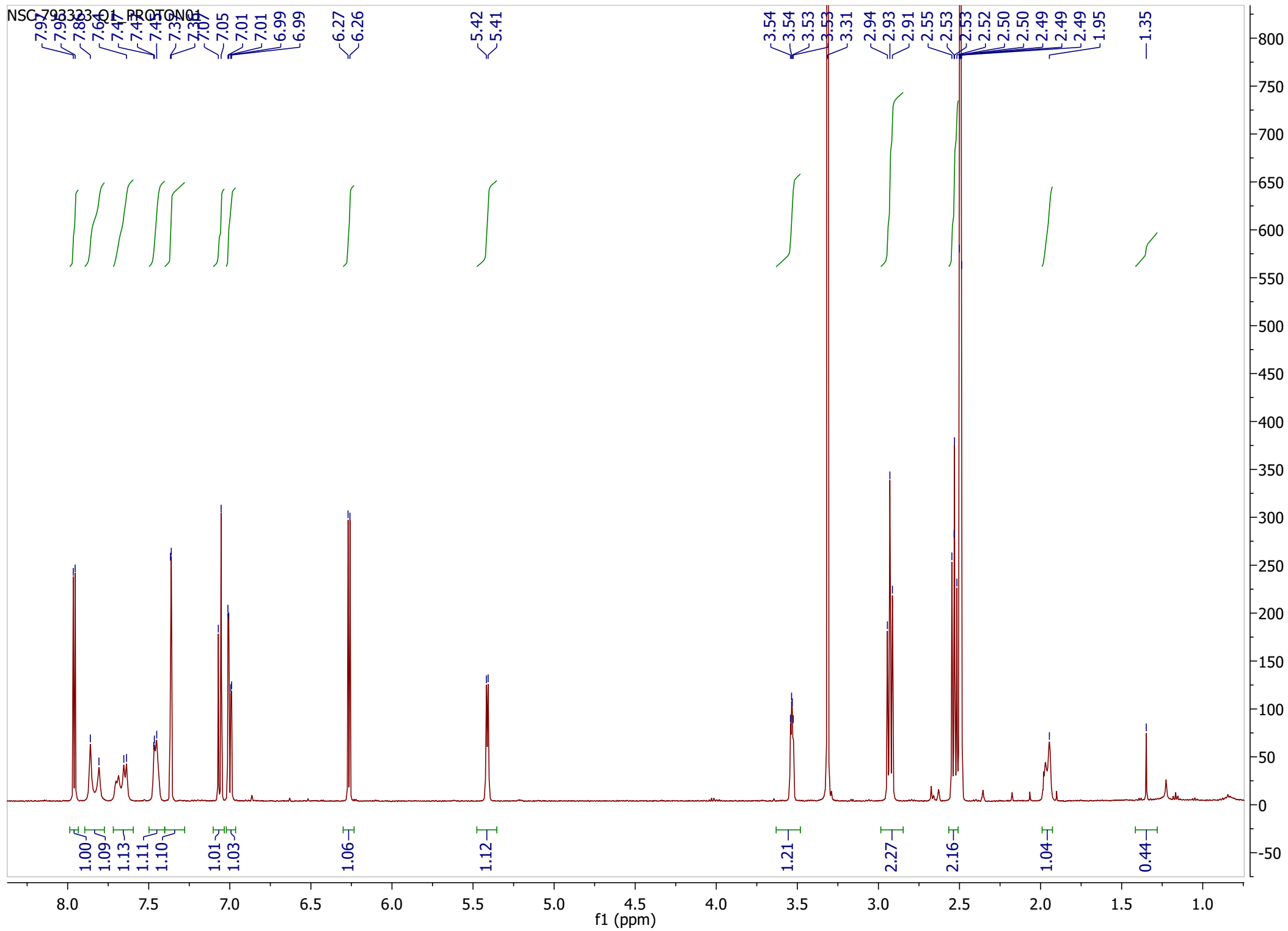
Lifirafenib
Chemical Formula: $C_{25}H_{17}F_3N_4O_3$
Molecular Weight: 478.43

Plotname: **NSC-793323-Q1_PROTON01_plot01**

Data file **/home/chemusf/vnmr/sys/data/EmeryPharma/NSC-793323-Q1/NSC-793323-Q1_20160906_01/NSC-793323-Q1_PROTON01.fid**

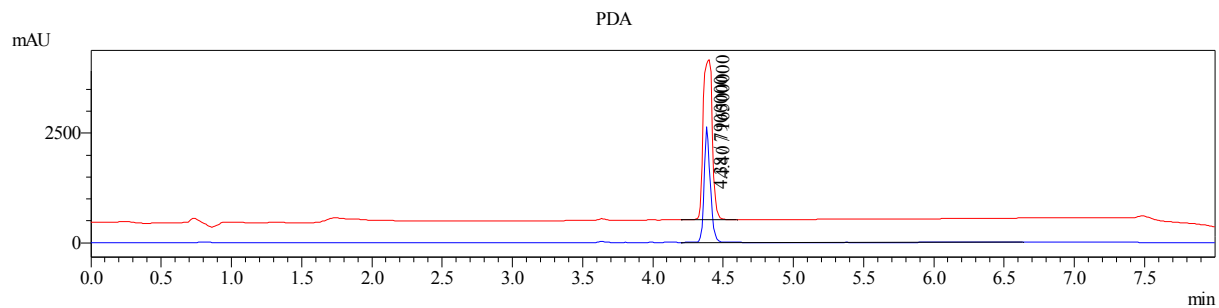
Plot date 2016-09-06



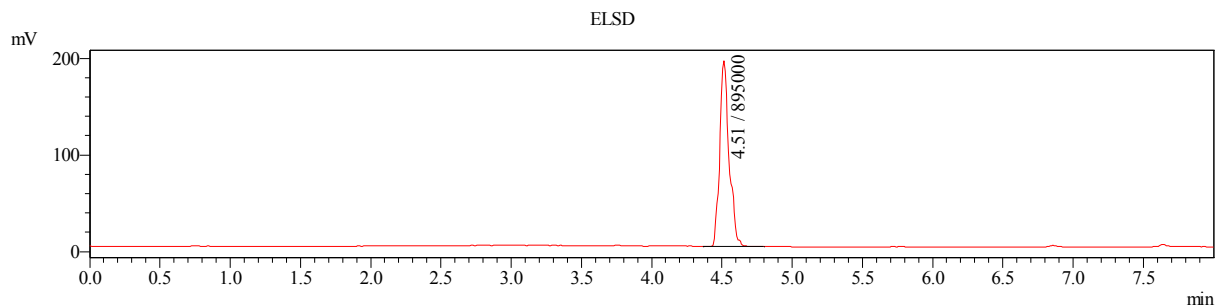


Sample Information

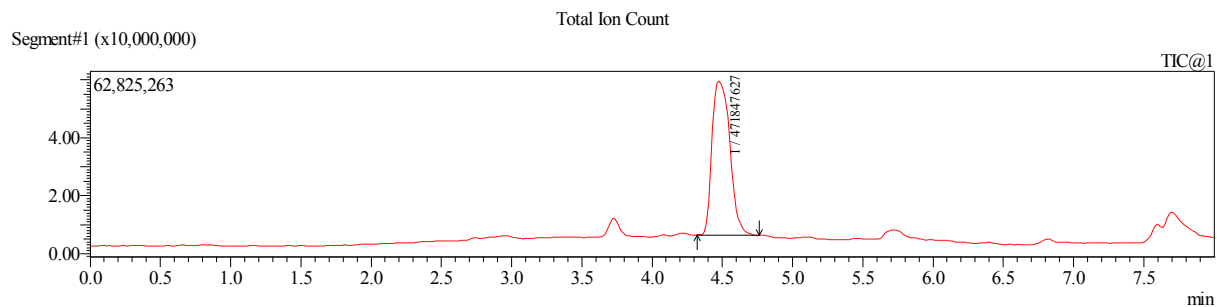
Date Acquired : 9/6/2016 9:36:28 AM
Sample Name : NSC-793323-Q1
Sample ID : NSC-793323-Q1
Vial# : 6
Injection Volume : 2
Data File : NSC-793323-Q1_962016_753 AM_11.lcd
Method File : LCMS-pos-8min-5to95-100to600amu.lcm
Original Method : C:\LabSolutions\Data\2015Q2\LCMS-pos-8min-5to95-100to600amu.lcm
Tuning File : C:\LabSolutions\Data\Autotune_8Sept15.lct
Modified Date : 9/6/2016 2:46:57 PM



- 1 PDA Multi 1 / 215nm 4nm
- 2 PDA Multi 2 / 254nm 4nm



- 1 AD 2 /

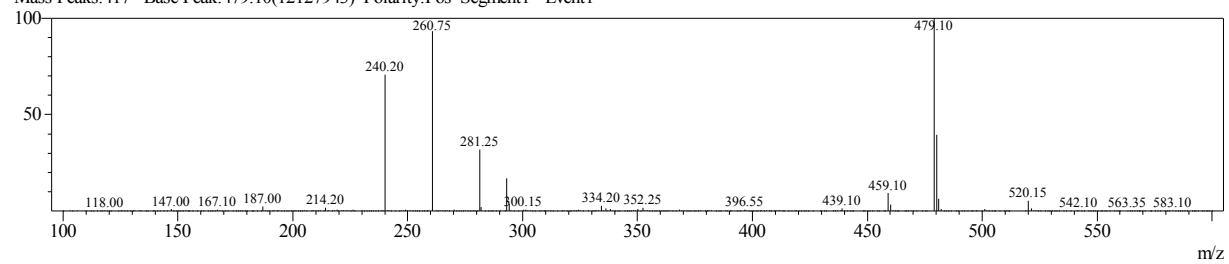


MS Spectrum Graph

#1 Ret.Time:Averaged 4.459-4.489(Scan#:295-297)

BG Mode:Calc 4.322<->4.762(286<->315)

Mass Peaks:417 Base Peak:479.10(12127943) Polarity:Pos Segment 1 - Event 1



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Tuning File : C:\LabSolutions\Data\Autotune_8Sept15.lct
Modified Date : 9/6/2016 2:46:57 PM

PDA Wavelength 1 PeakTable

PDA Ch1 215nm 4nm

Peak#	Ret. Time	Area	Area %
1	4.396	16548698	100.000
Total		16548698	100.000

PDA Wavelength 2 Peak Table

PDA Ch2 254nm 4nm

Peak#	Ret. Time	Area	Area %
1	4.381	7904352	100.000
Total		7904352	100.000

ELSD Peak Table

ELSD Ch1

Peak#	Ret. Time	Area	Area %
1	4.512	894852	100.000
Total		894852	100.000

MS Peak Table TIC

Peak#	Ret. Time	Peak Start	Peak End	Area	Area%	Height	Height%	A/H	Mark	Name	ID#
1	4.474	4.322	4.762	471847627	100.00	53235672	100.00	8.86	MI		
Total				471847627	100.00	53235672	100.00				