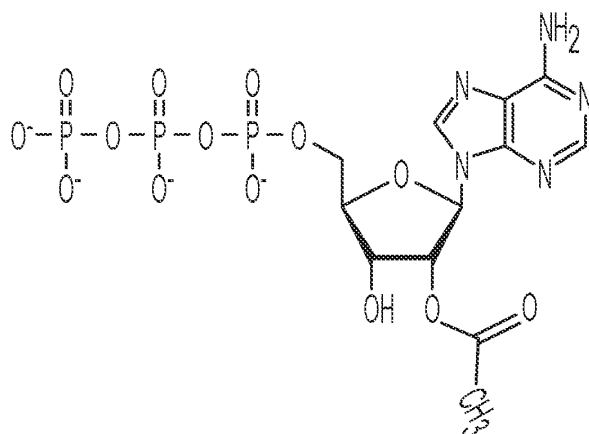
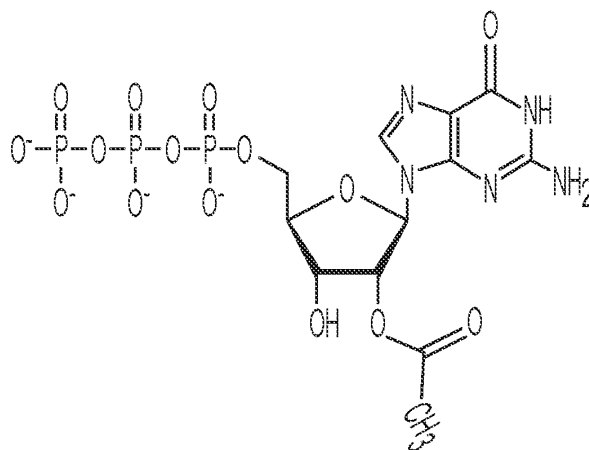


1/63



2-O-Acetyl ATP

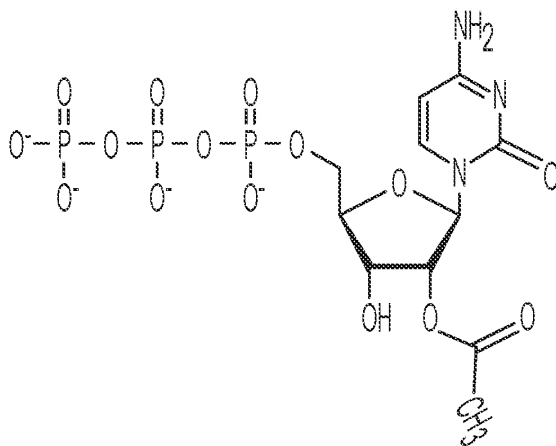
FIG. 1A



2-O-Acetyl GTP

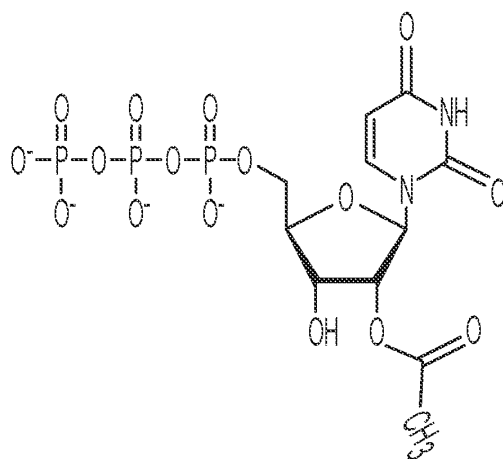
FIG. 1B

2/63



2-O-Acetyl CTP

FIG. 1C



2-O-Acetyl UTP

FIG. 1D

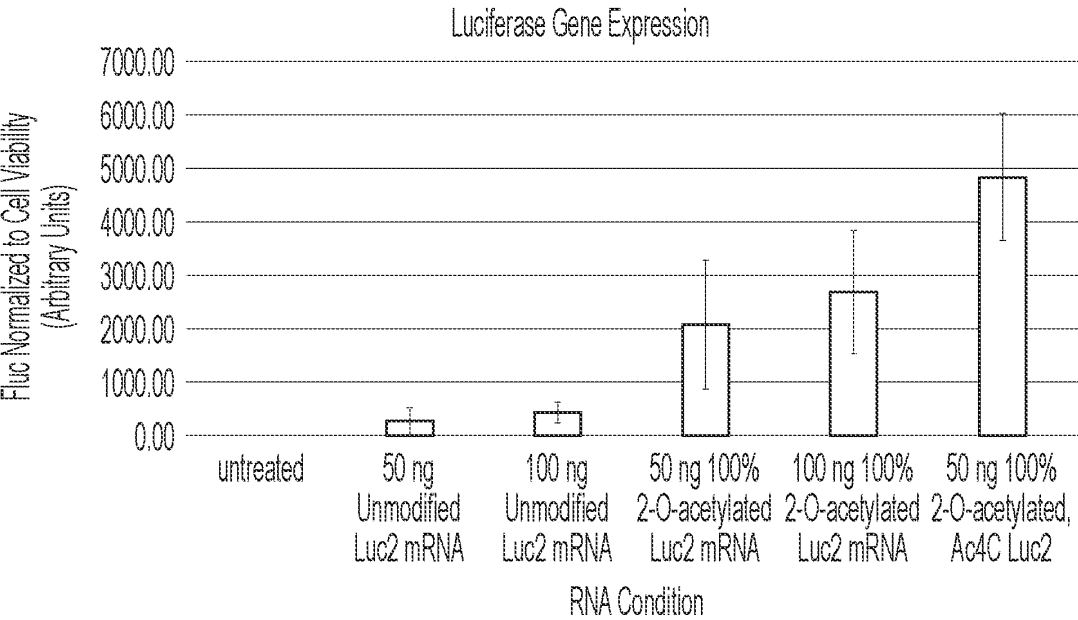


FIG. 2

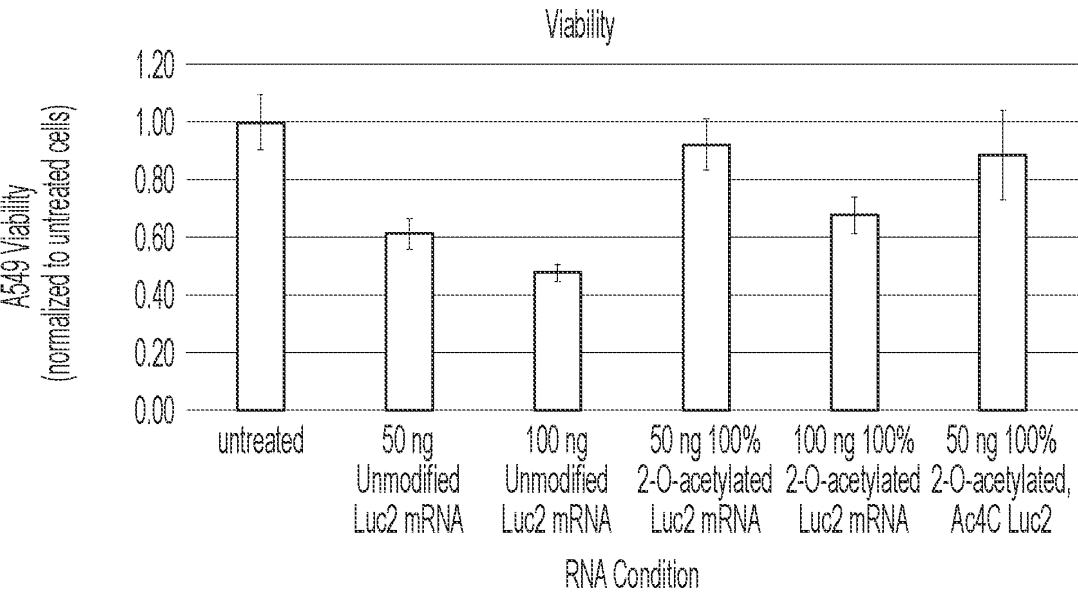


FIG. 3

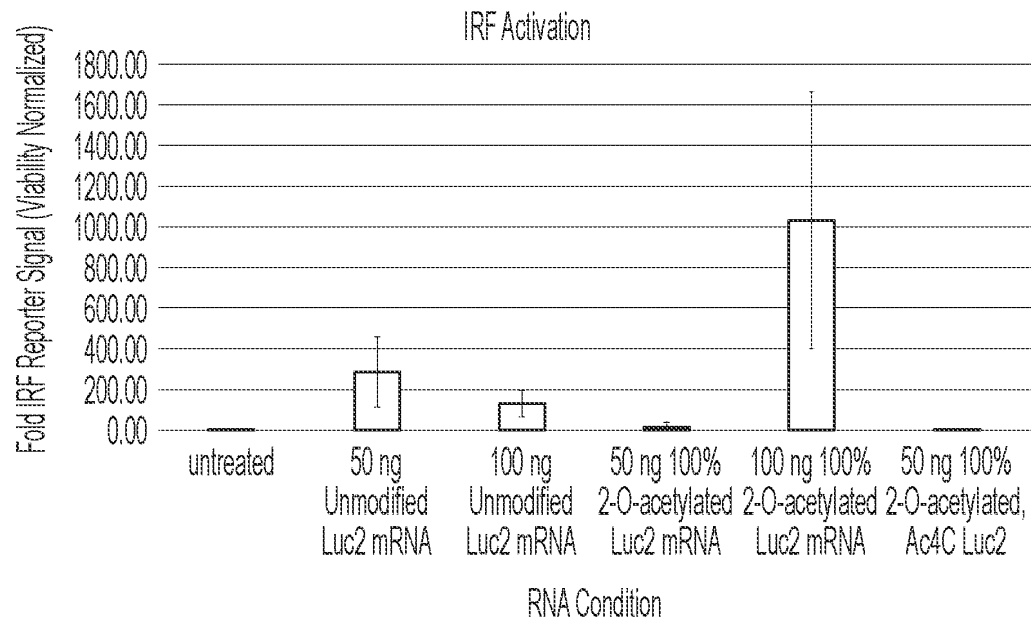


FIG. 4

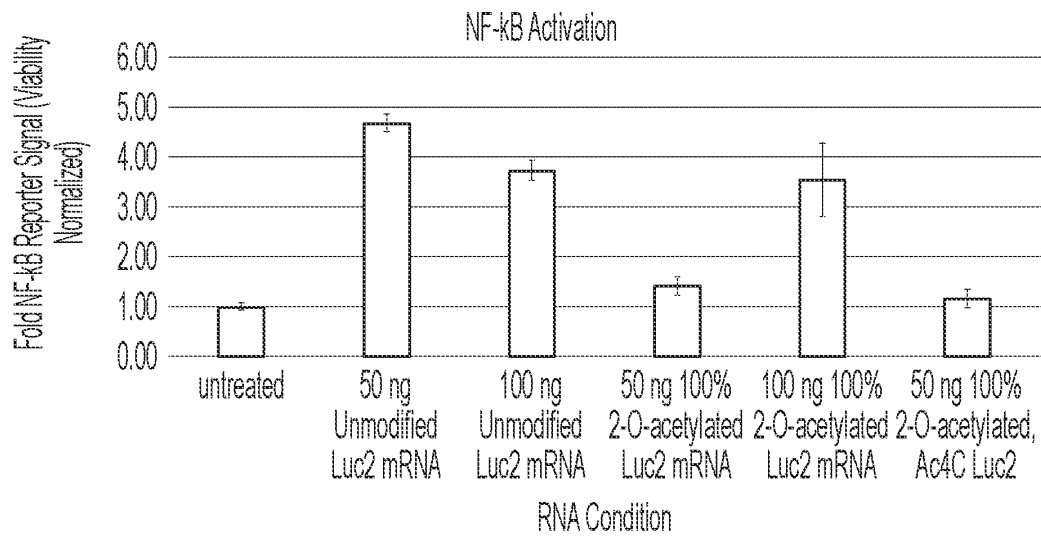


FIG. 5

5/63

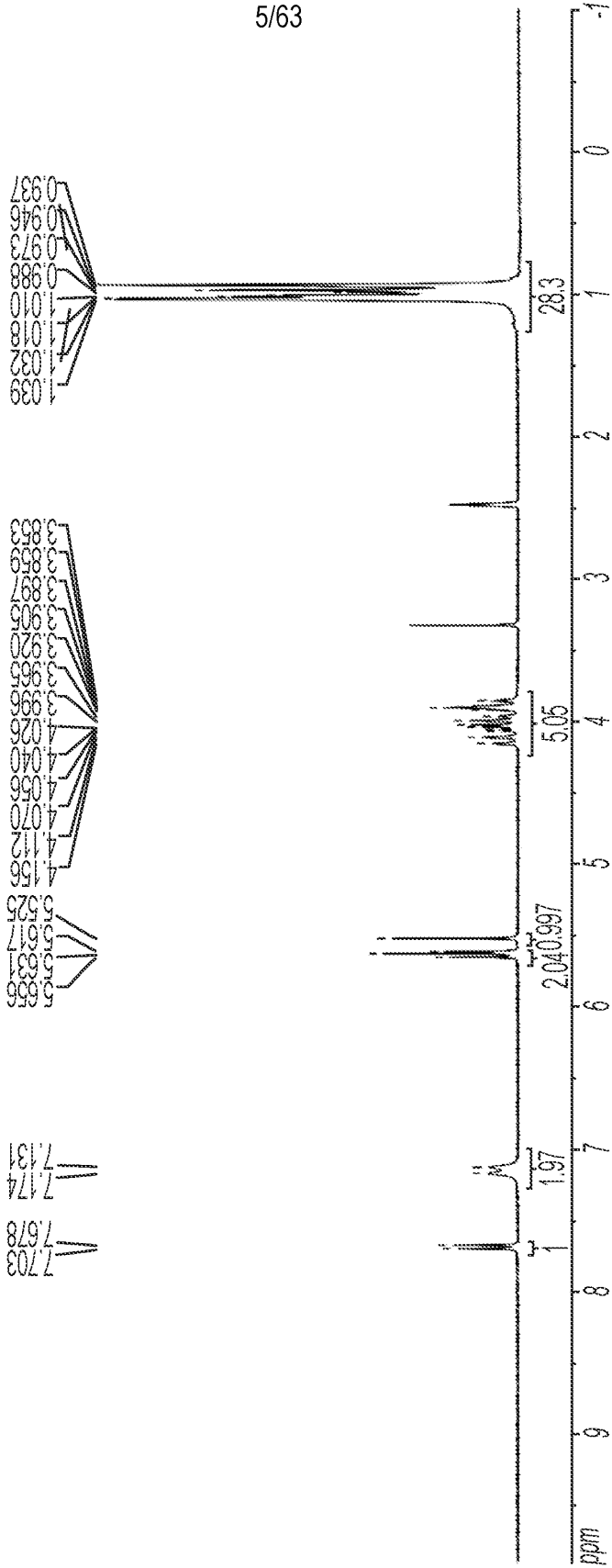


FIG. 6

6/63

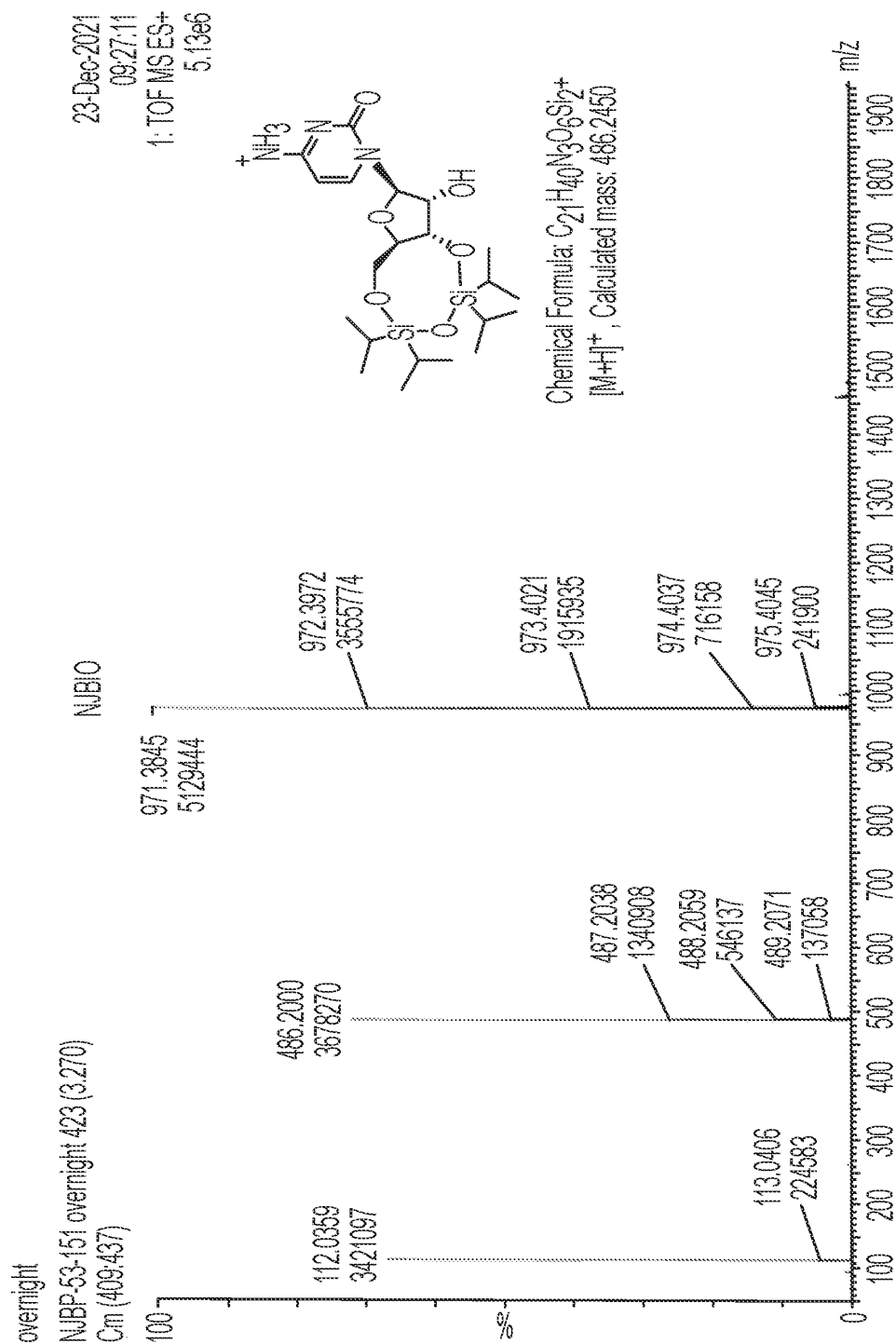


FIG. 7

7/63

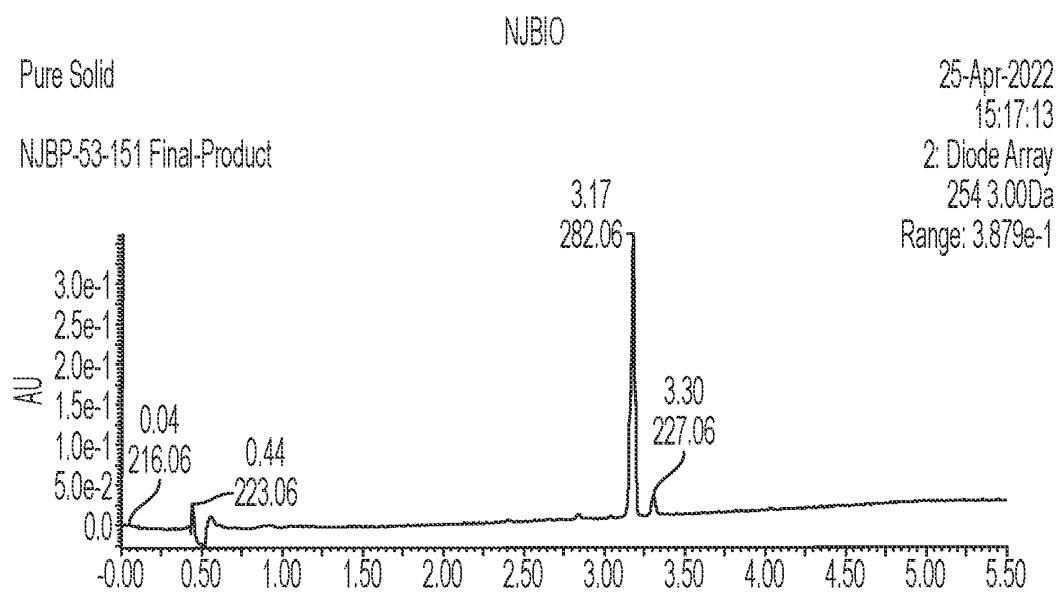


FIG. 8

8/63

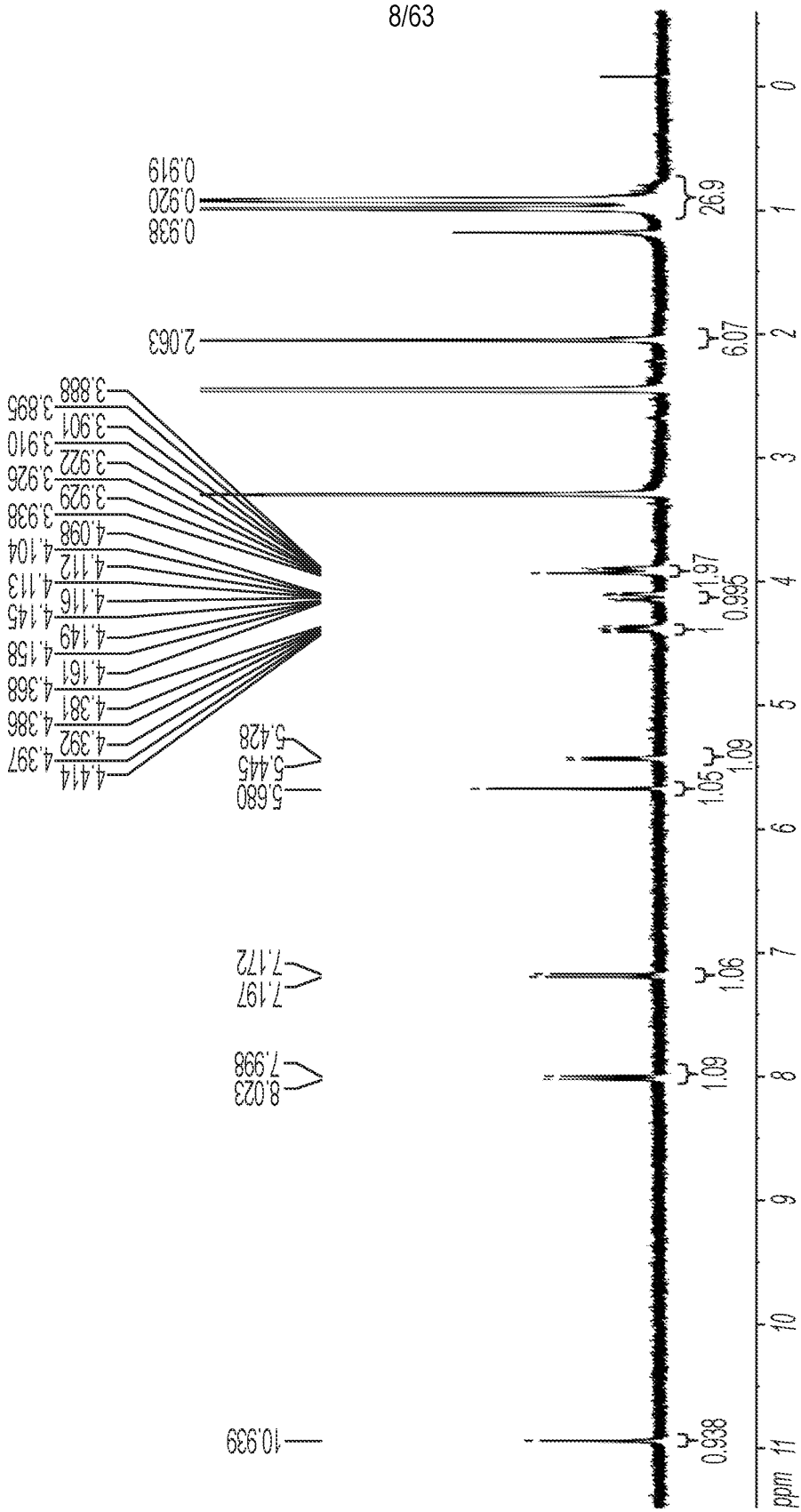
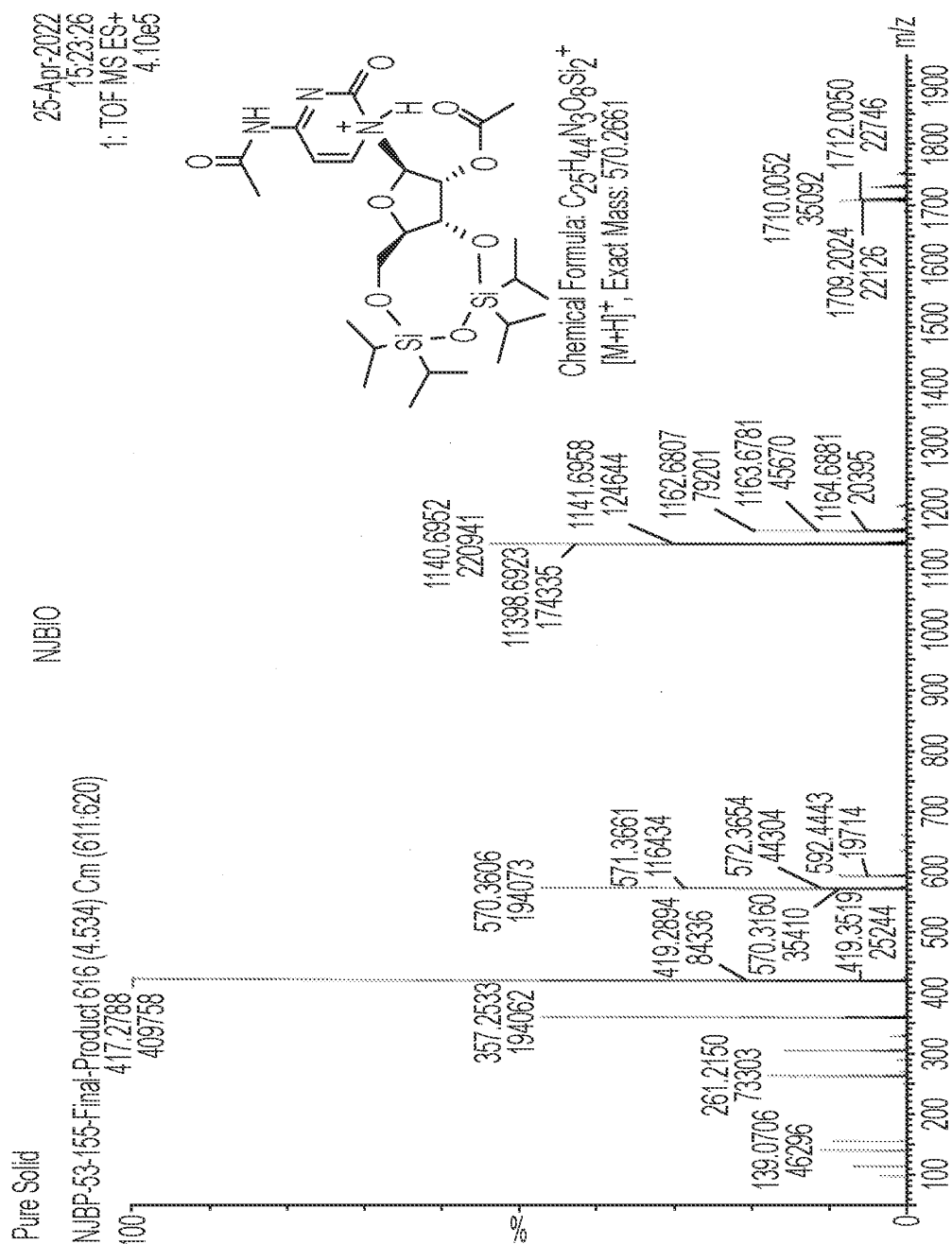


FIG. 9



1967

NJBIO

25-Apr-2022
15:23:26
2: Diode Array
254 3.00Da
Range: 3.009

10/63

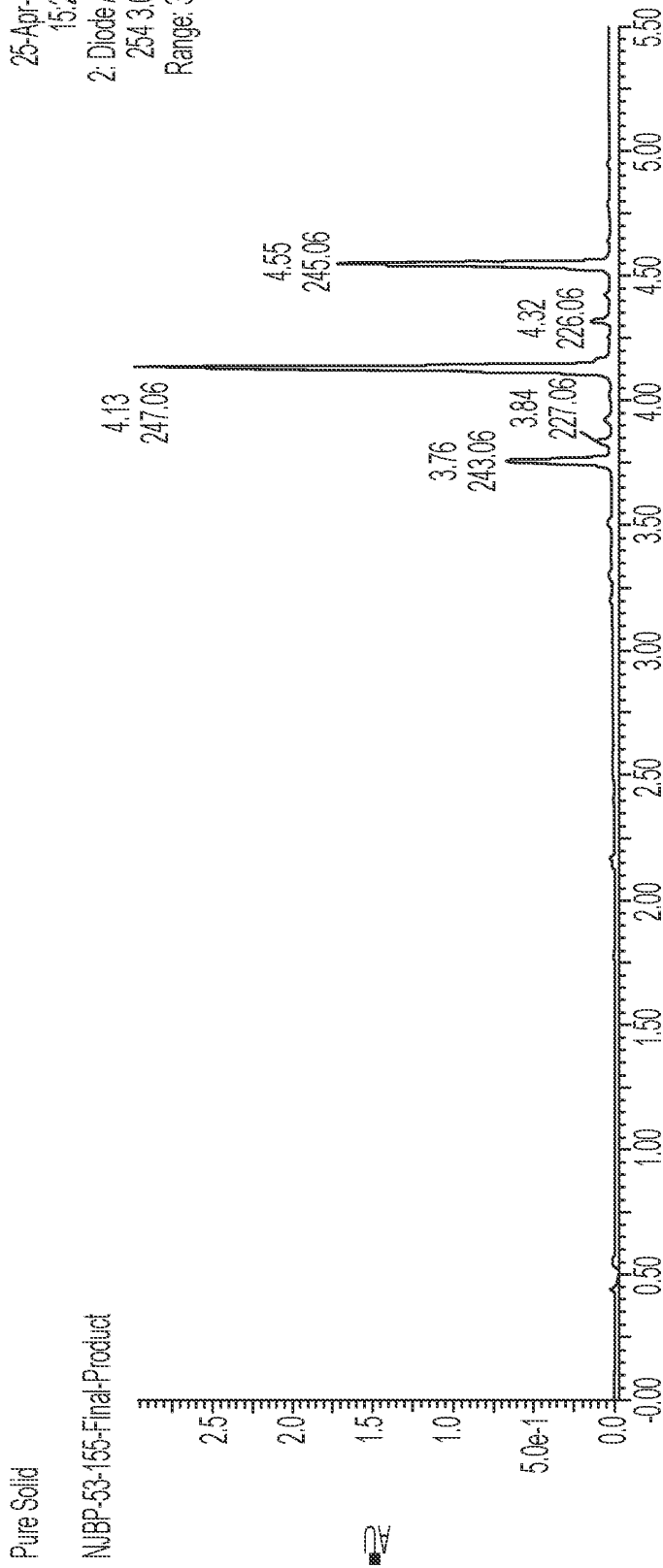


FIG. 11

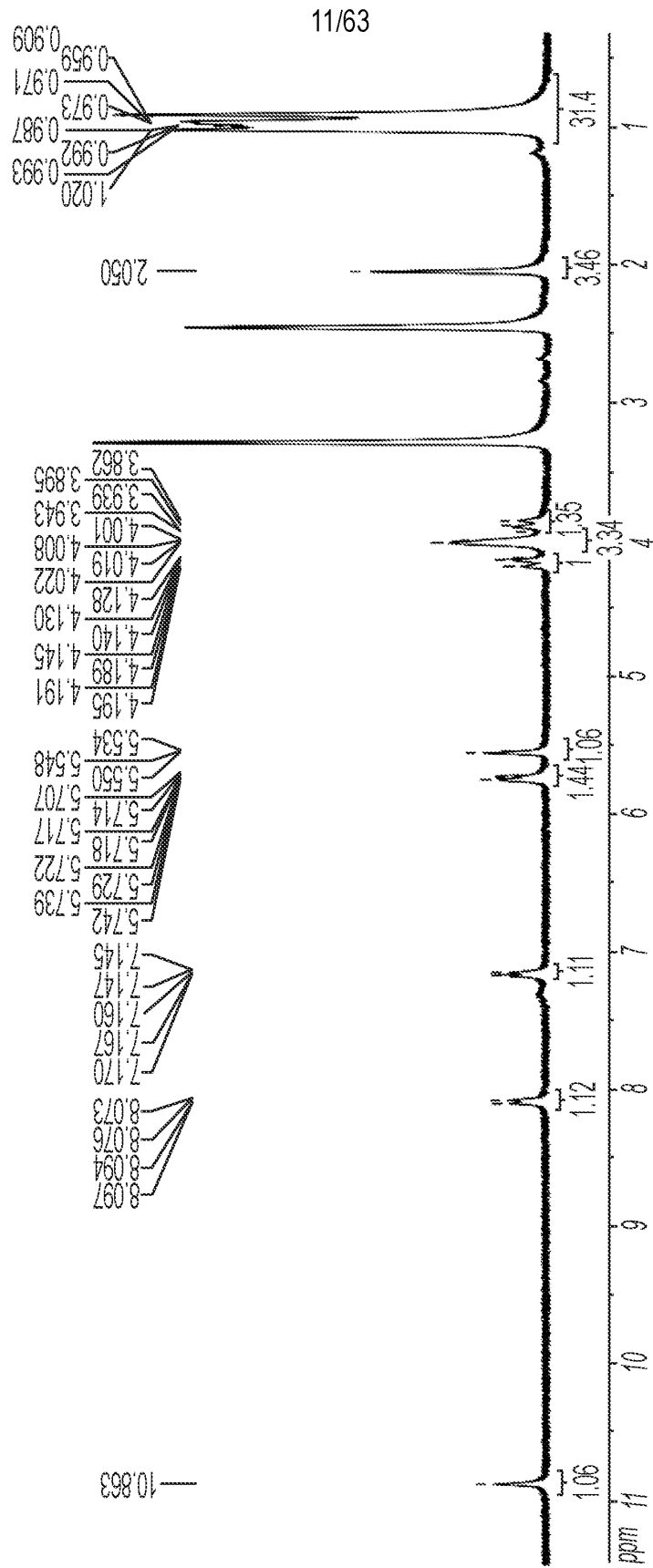


FIG. 12

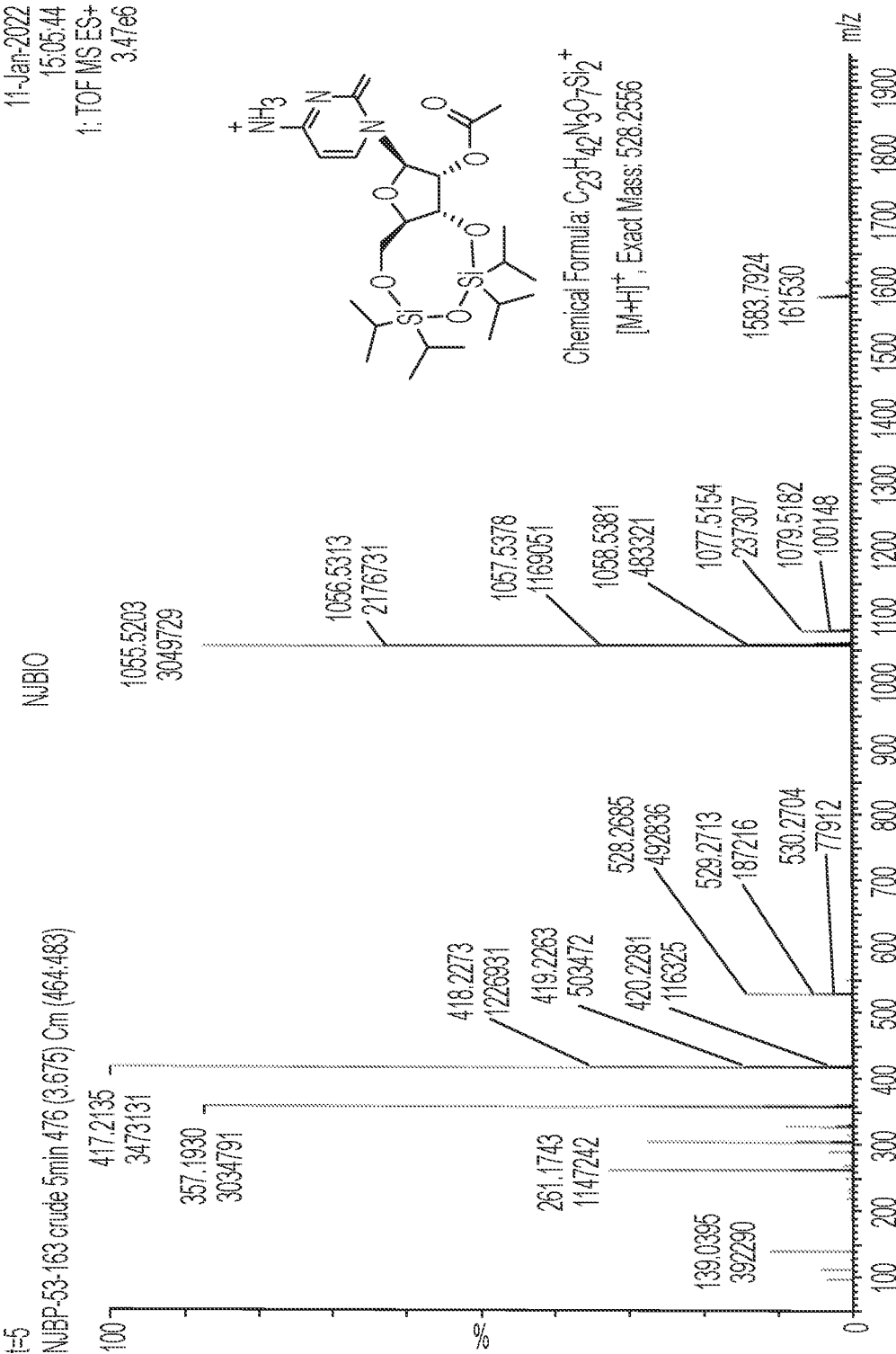


FIG. 13

05-Jan-2022
14:50:59
3: Diode Array
Range: 2.254e+2

NUBIO

reaction mixture

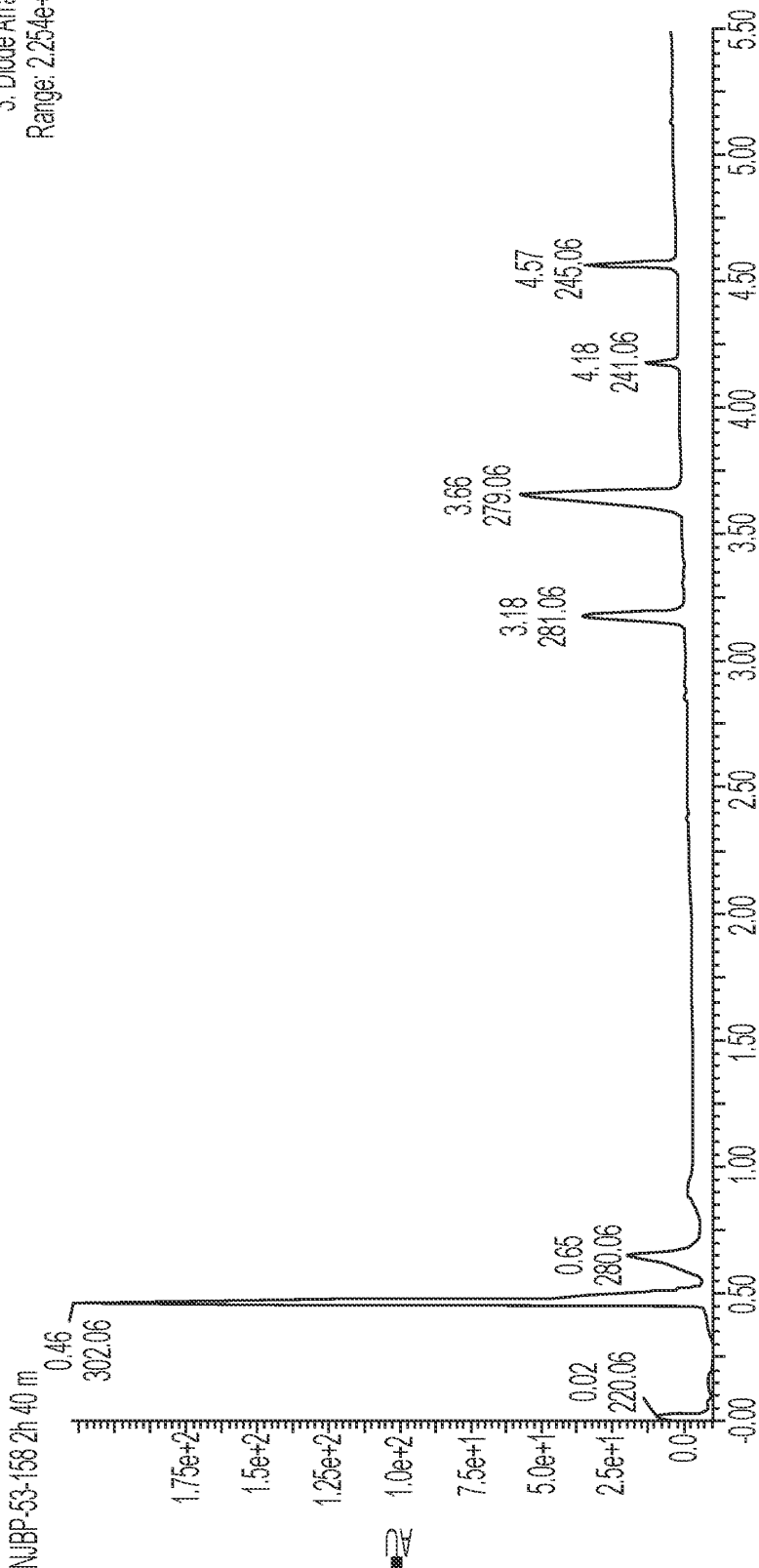
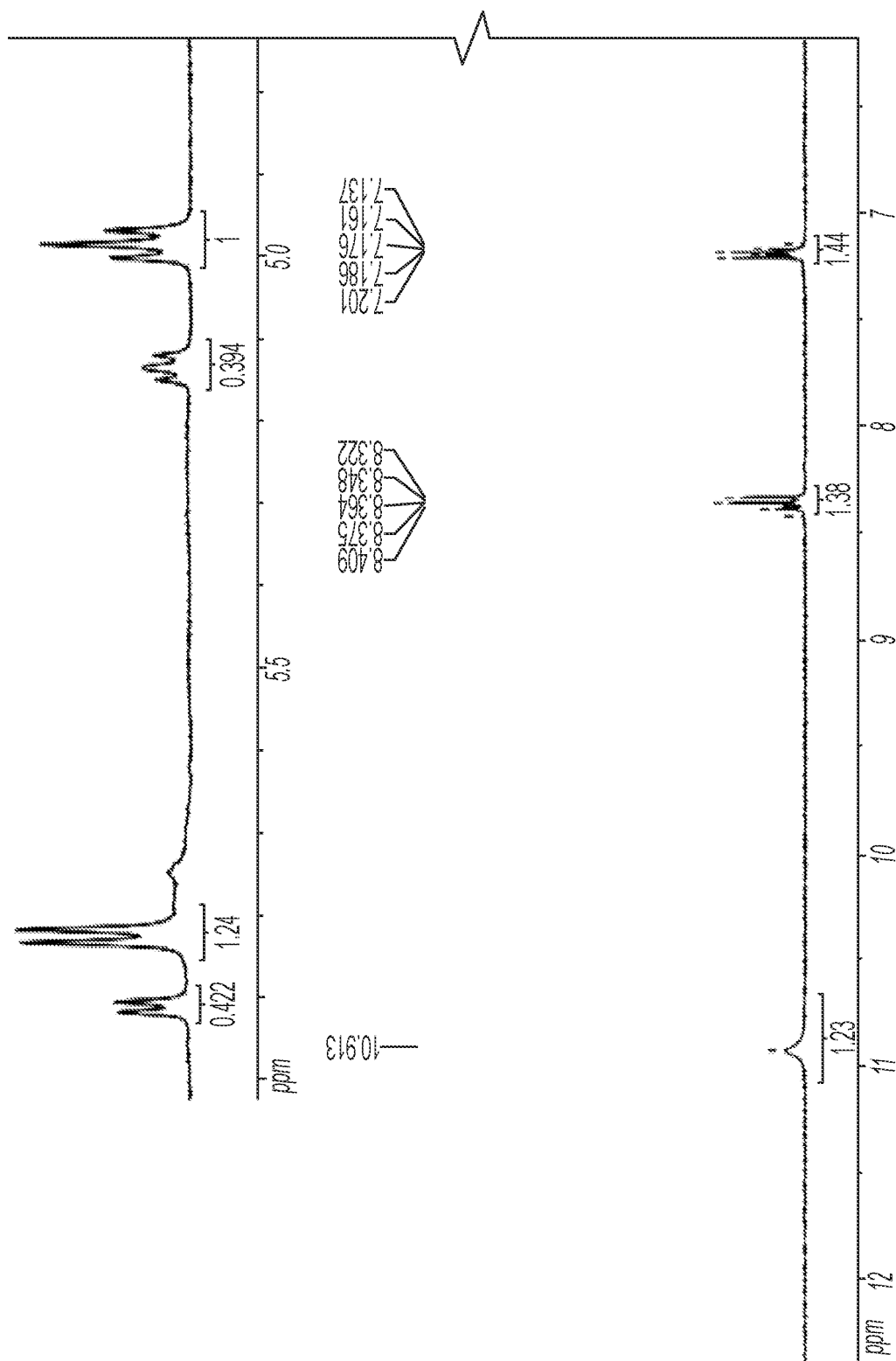


FIG. 14

14/63



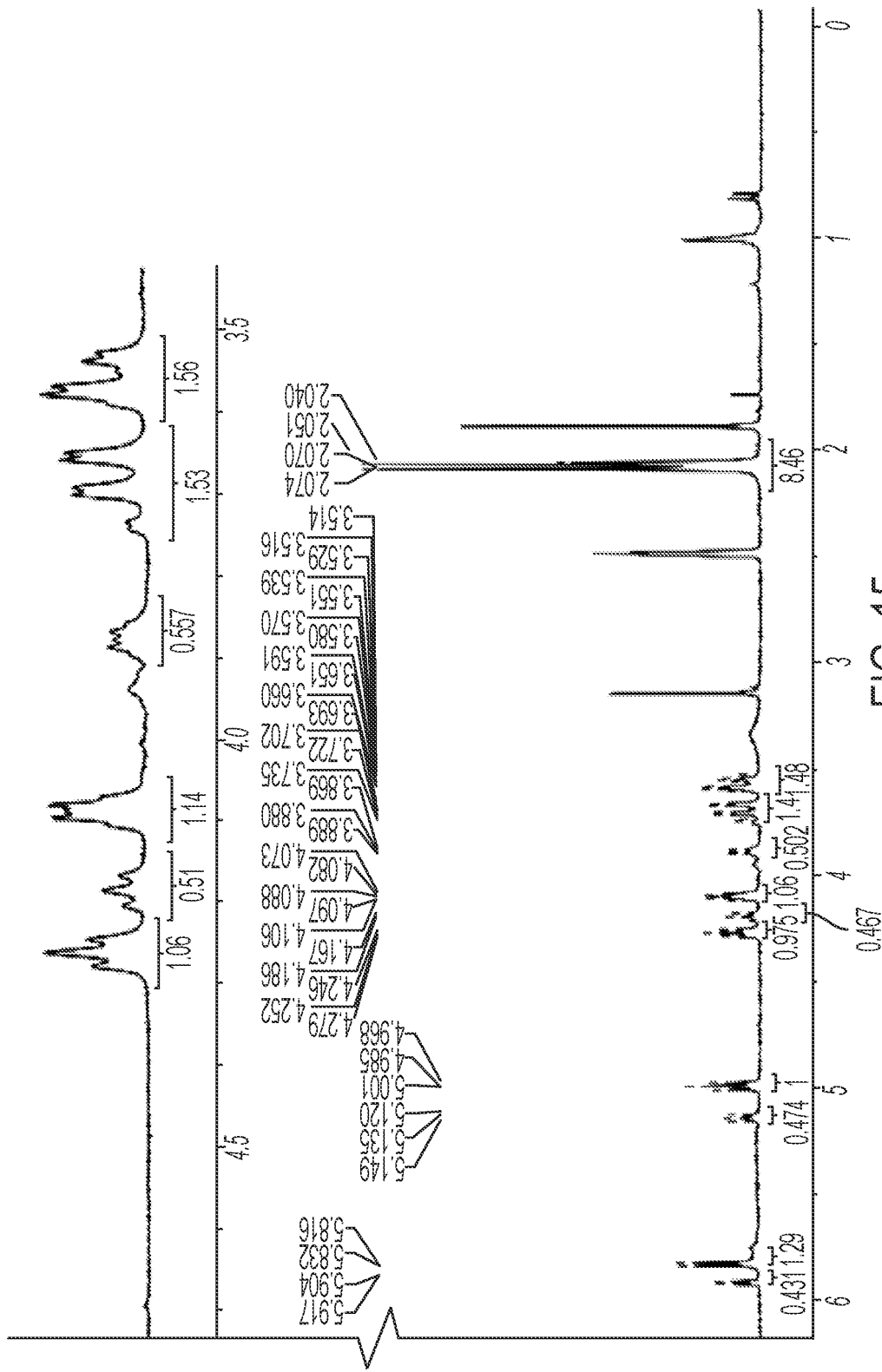


FIG. 15
CONTINUED

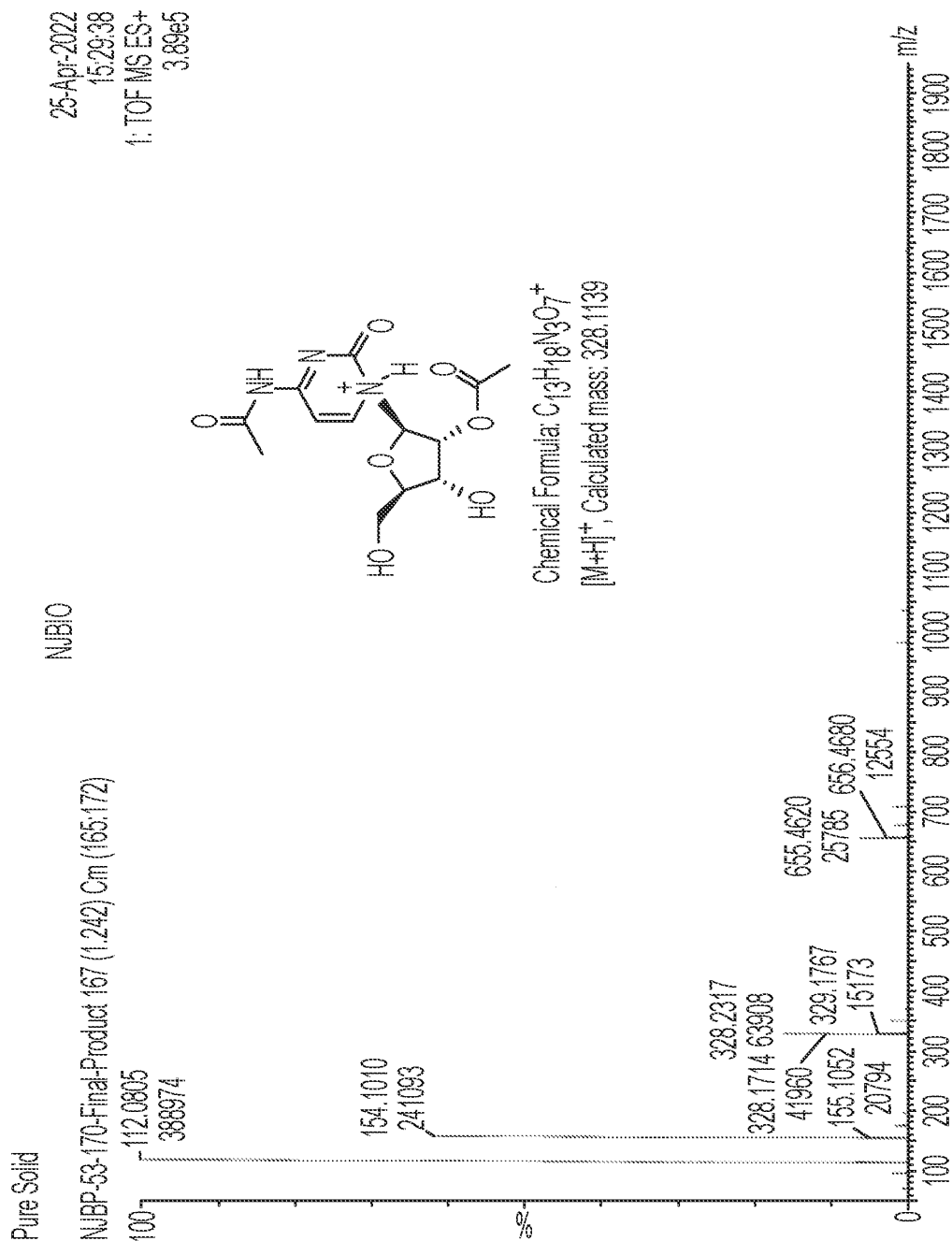


FIG. 16

25-Apr-2022
15:29:38
2. Diode Array
254.300Da
Range: 6.203

NUBIO

Pure Solid
NUBP-53-170-Final-Product

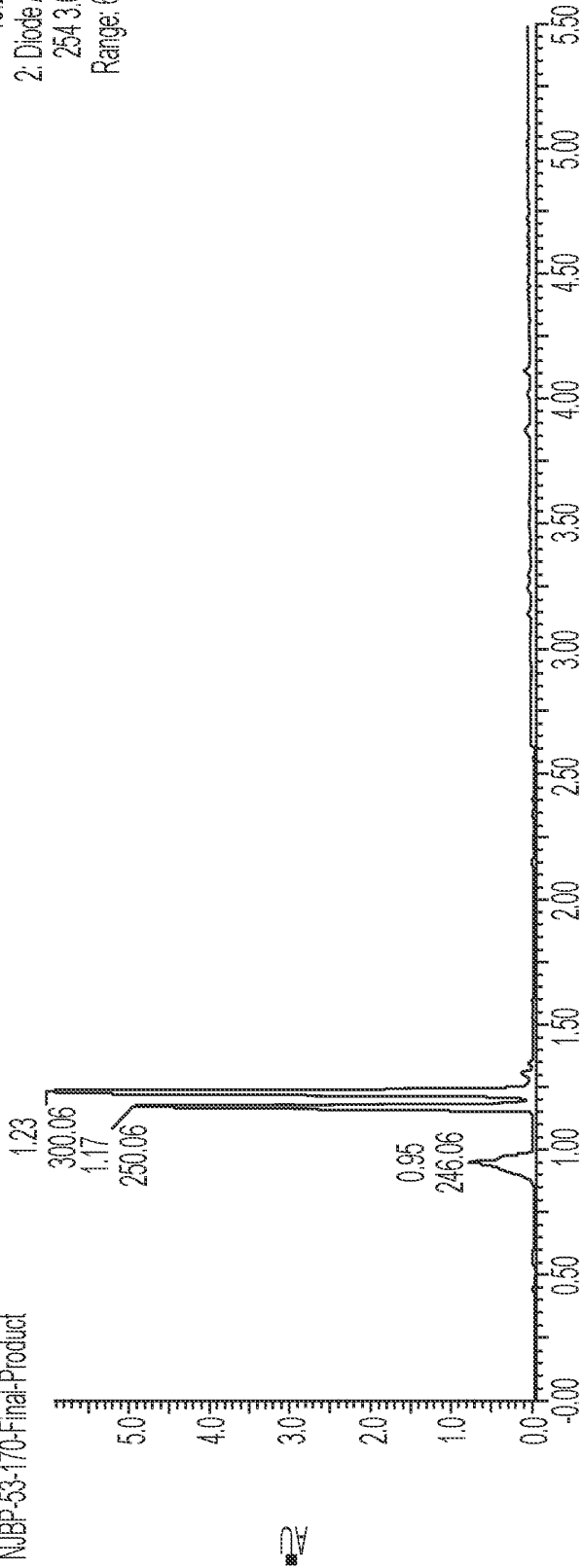


FIG. 17

18/63

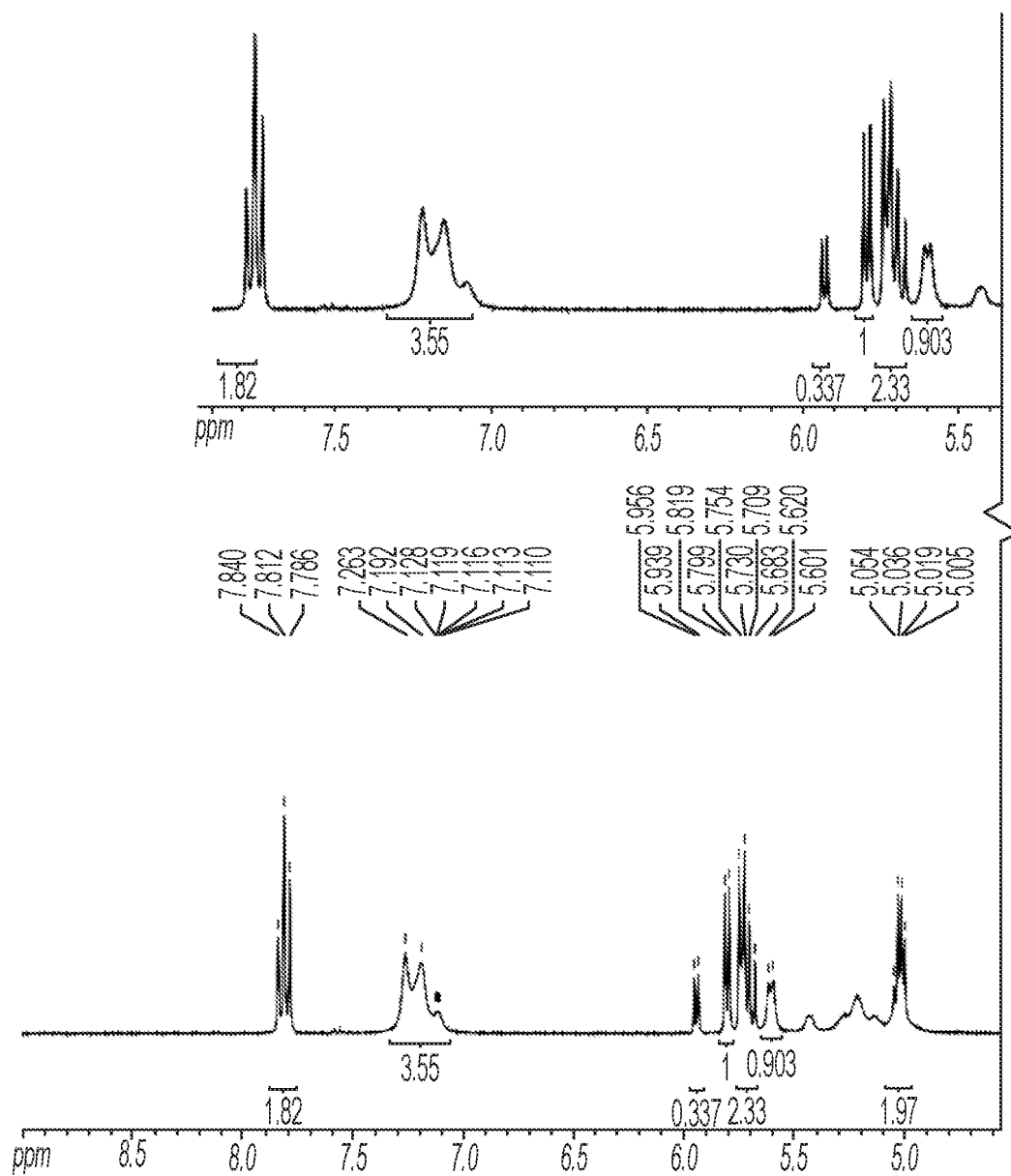


FIG. 18

SUBSTITUTE SHEET (RULE 26)

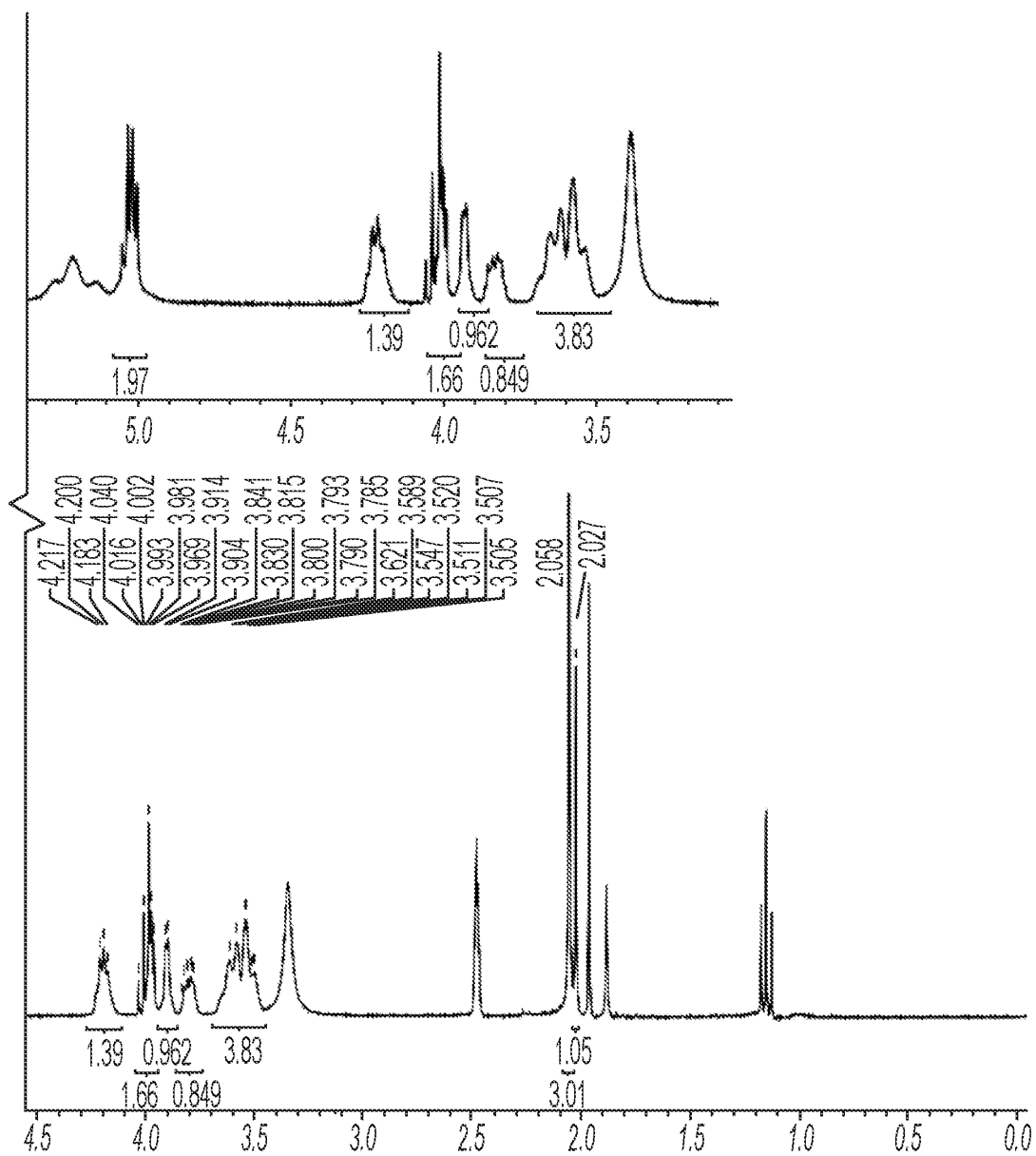
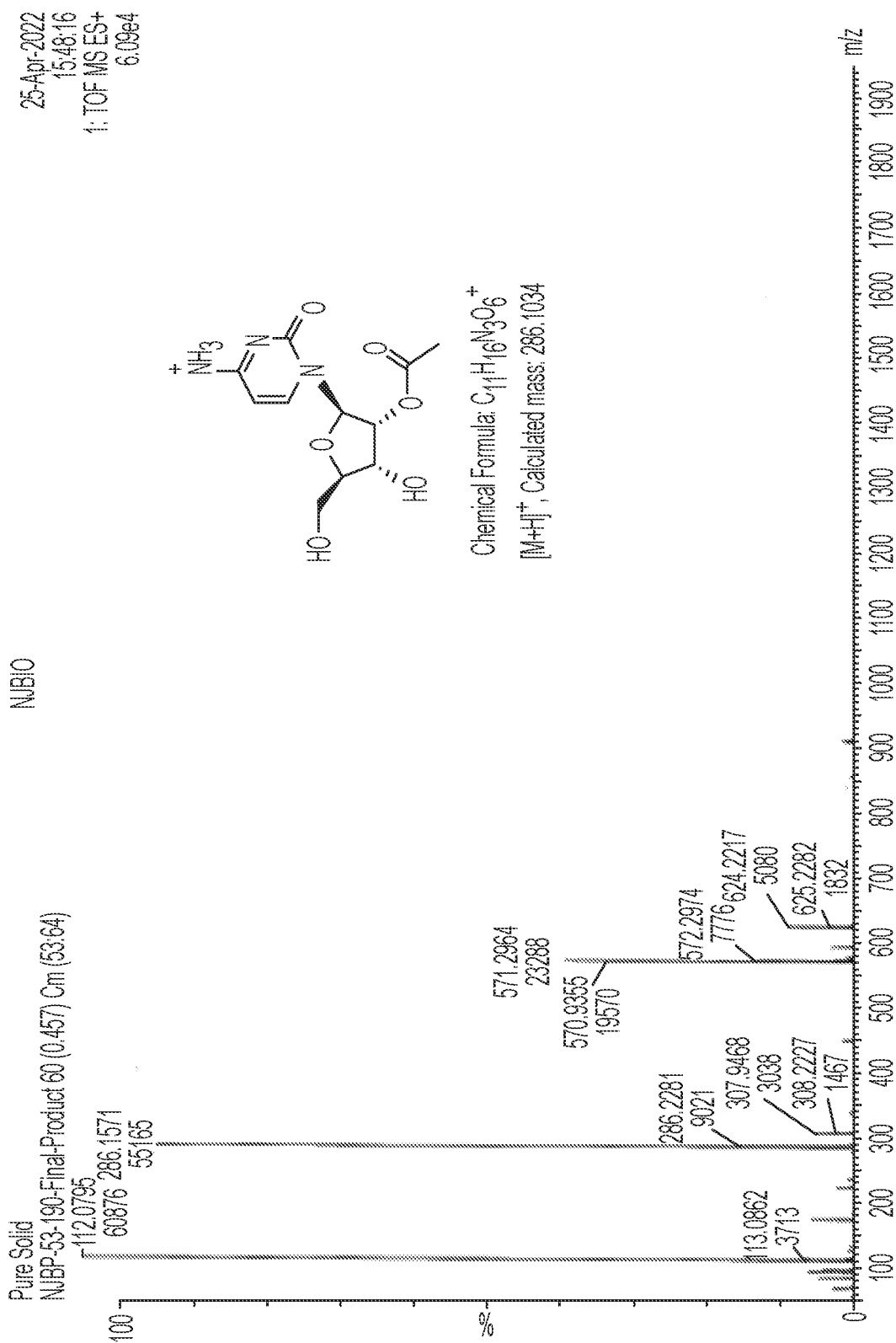


FIG. 18
CONTINUED



25-Apr-2022
15:48:16
2: Diode Array
254 3.00Da
Range: 1.678

NUBIO

Pure Solid
NUBP-53-190-Final-Product

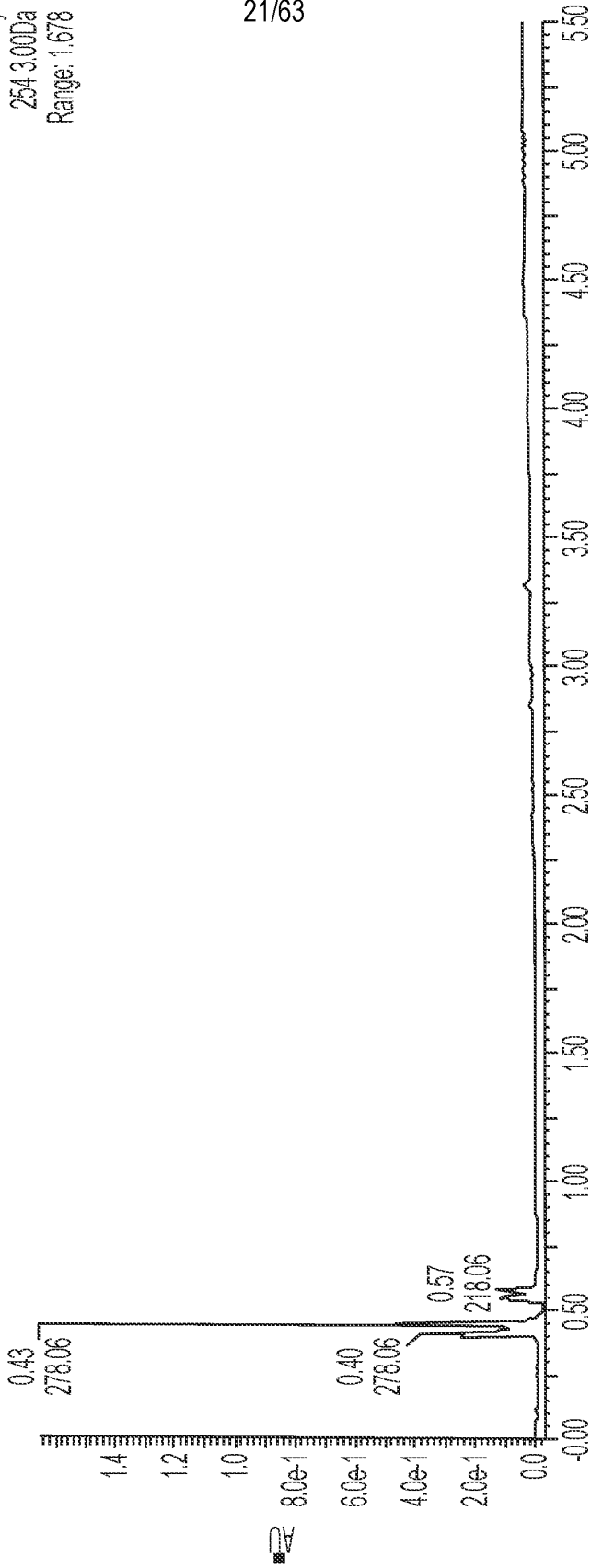


FIG. 20

22/63

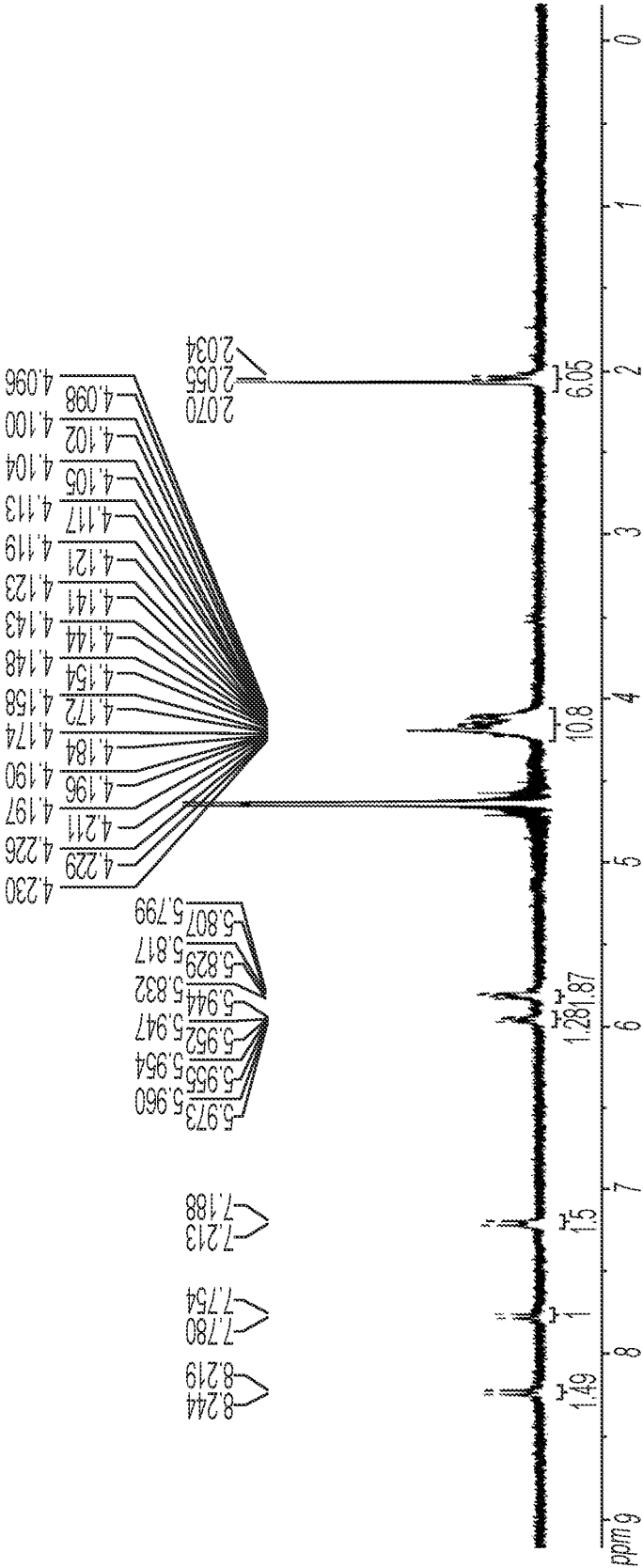


FIG. 21

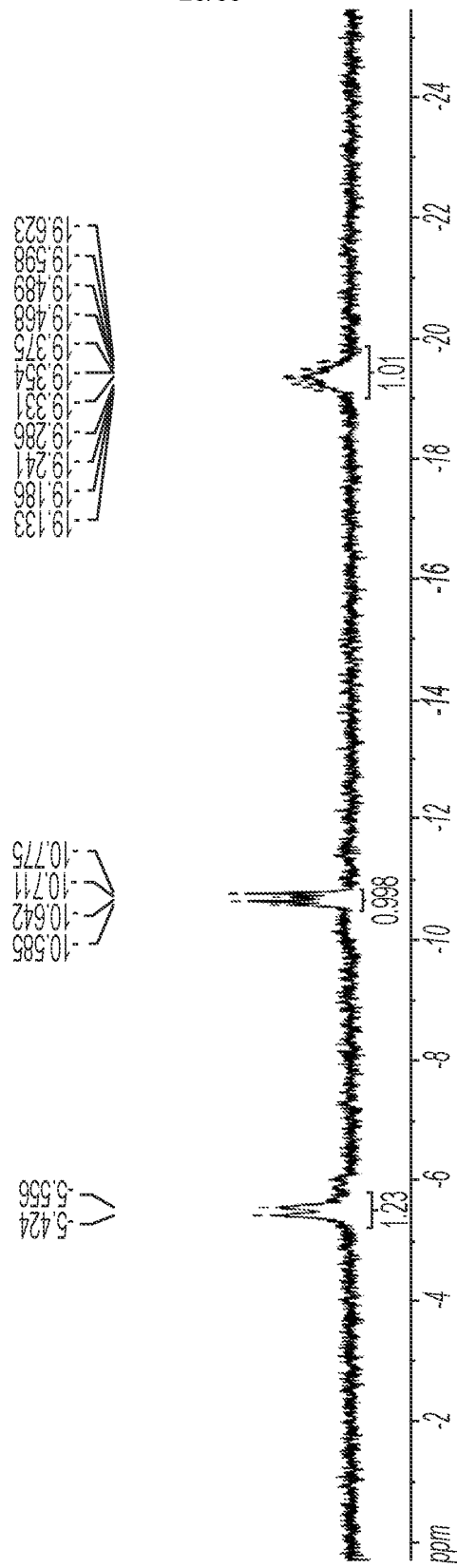


FIG. 22

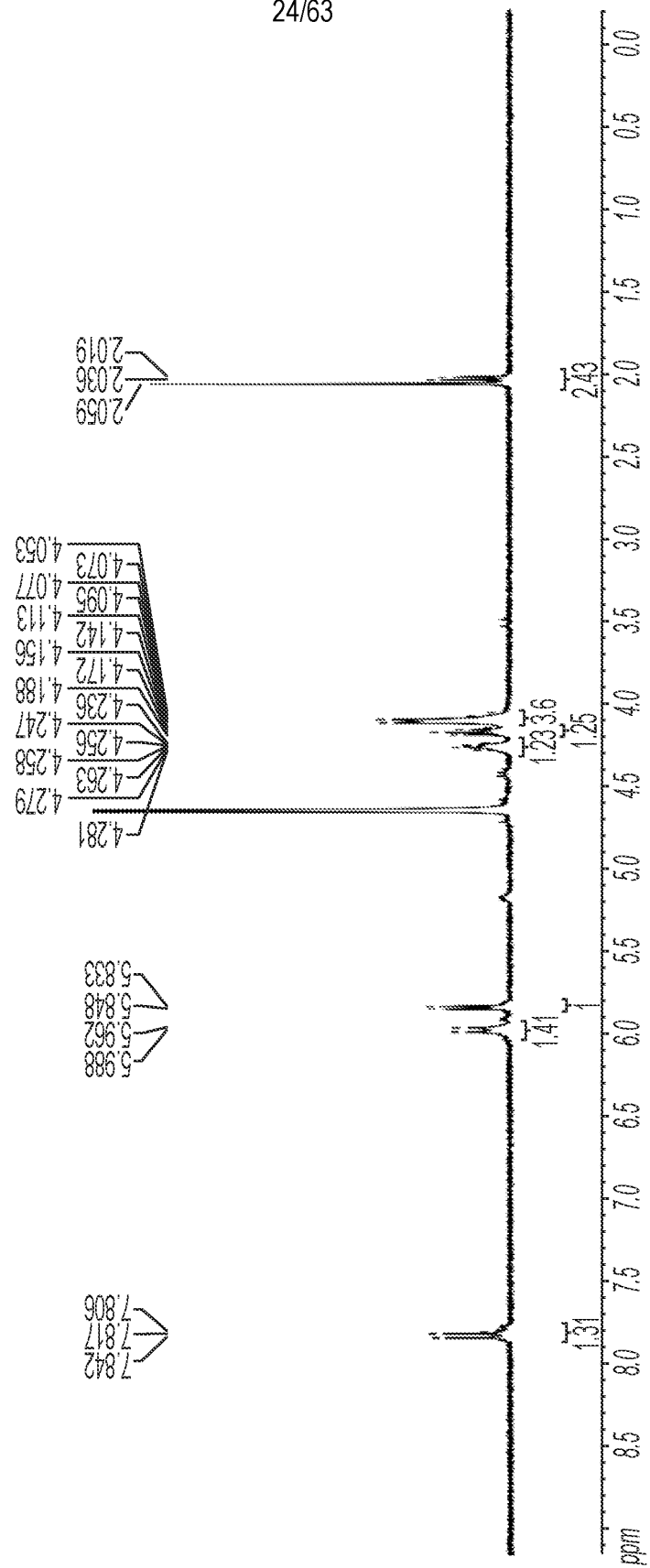


FIG. 23

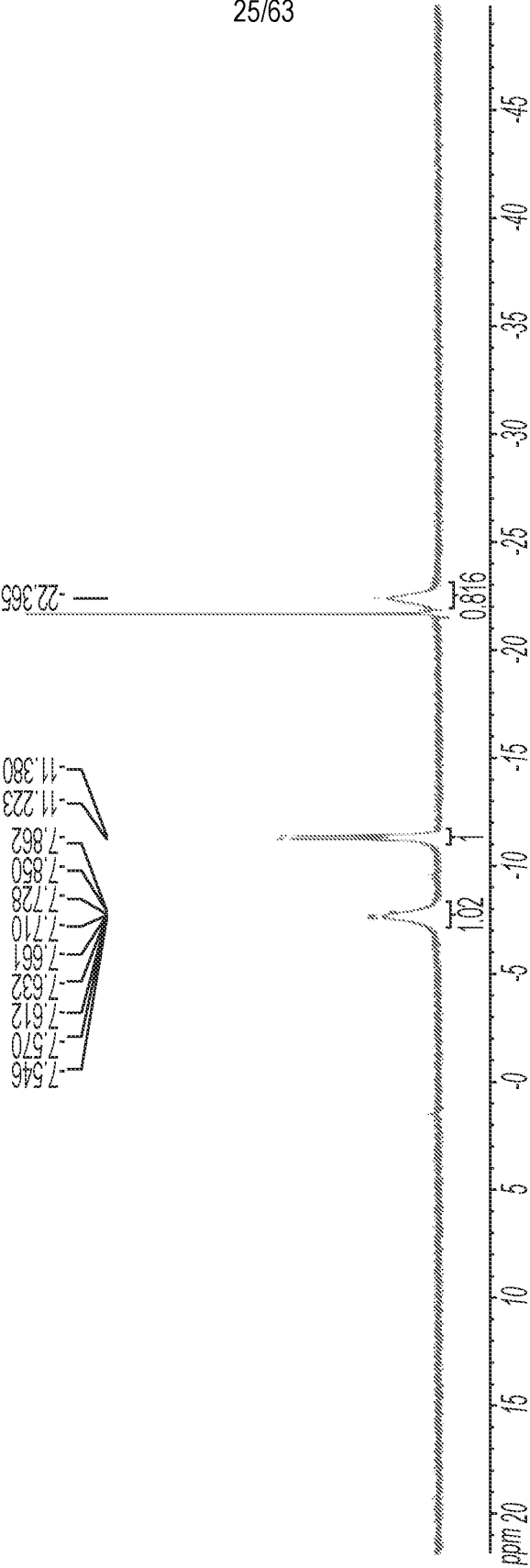


FIG. 24

26/63

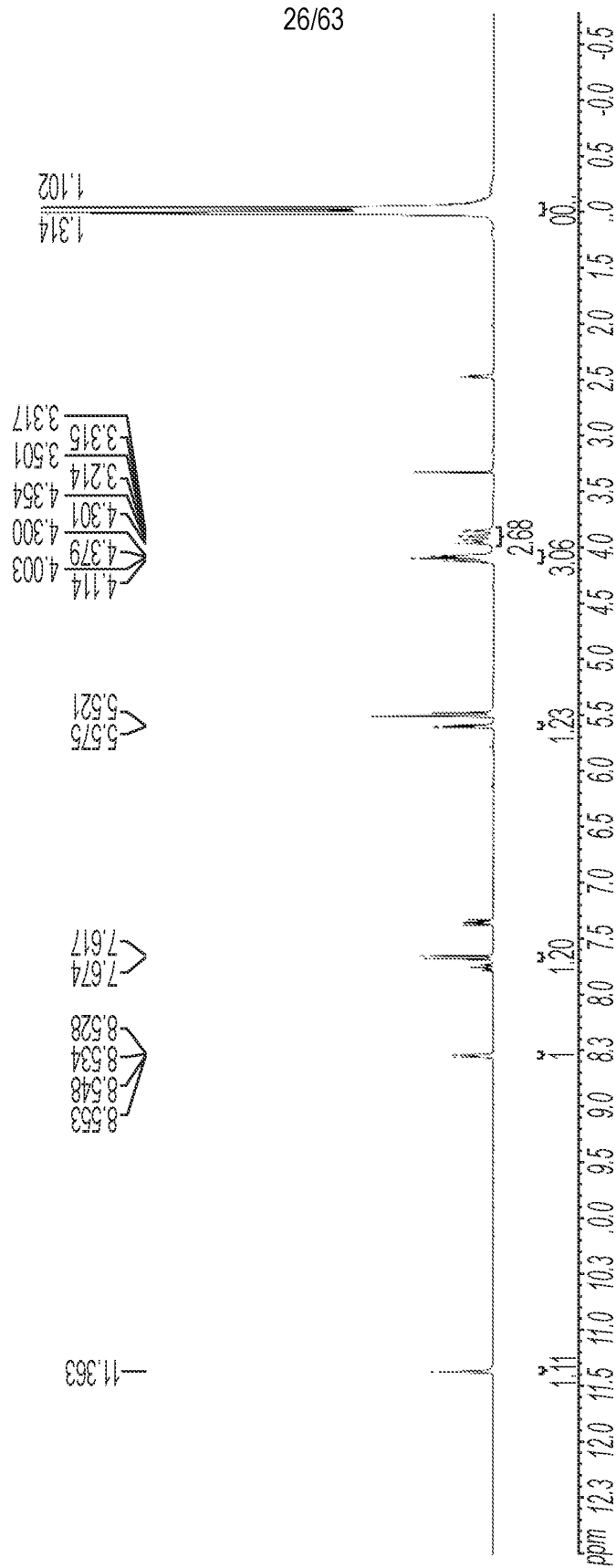


FIG. 25

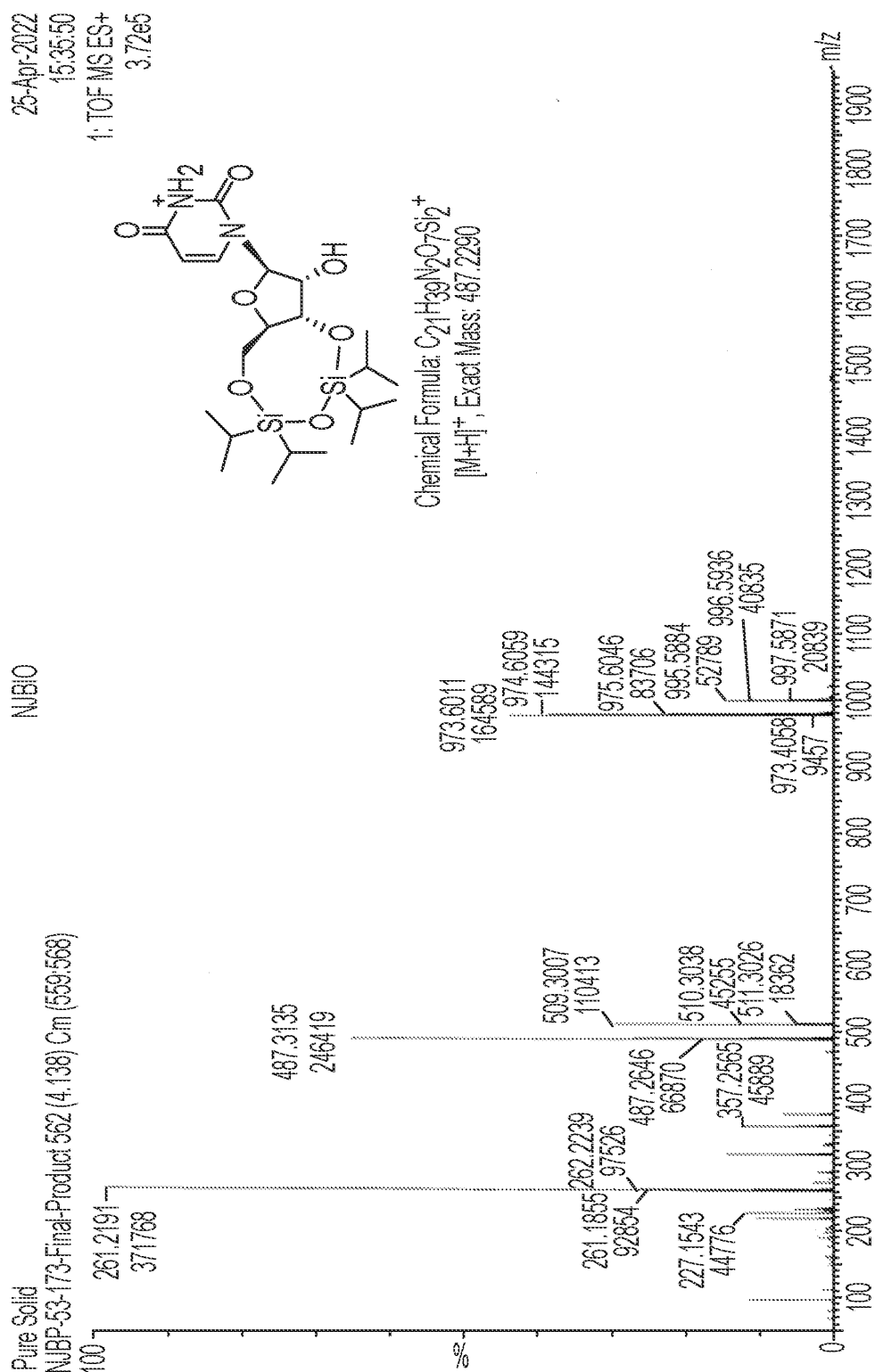


FIG. 26

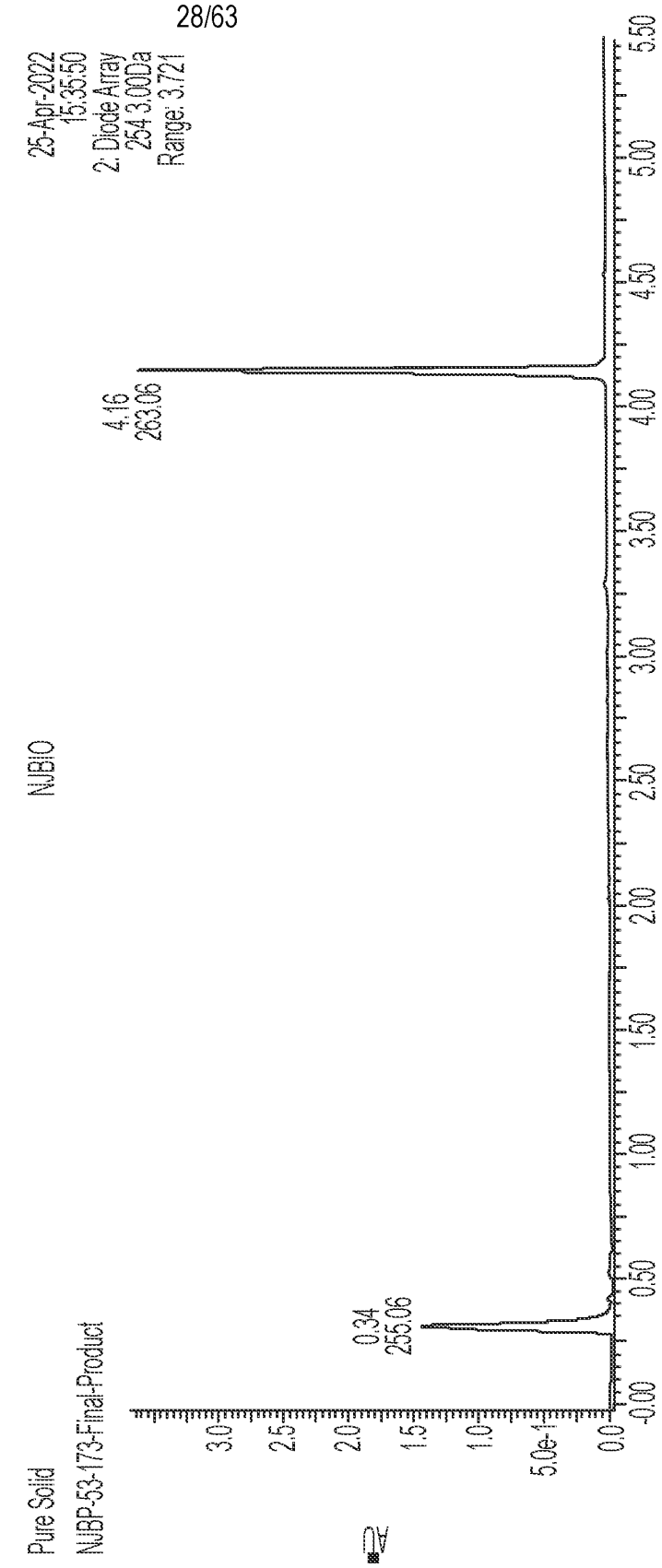


FIG. 27

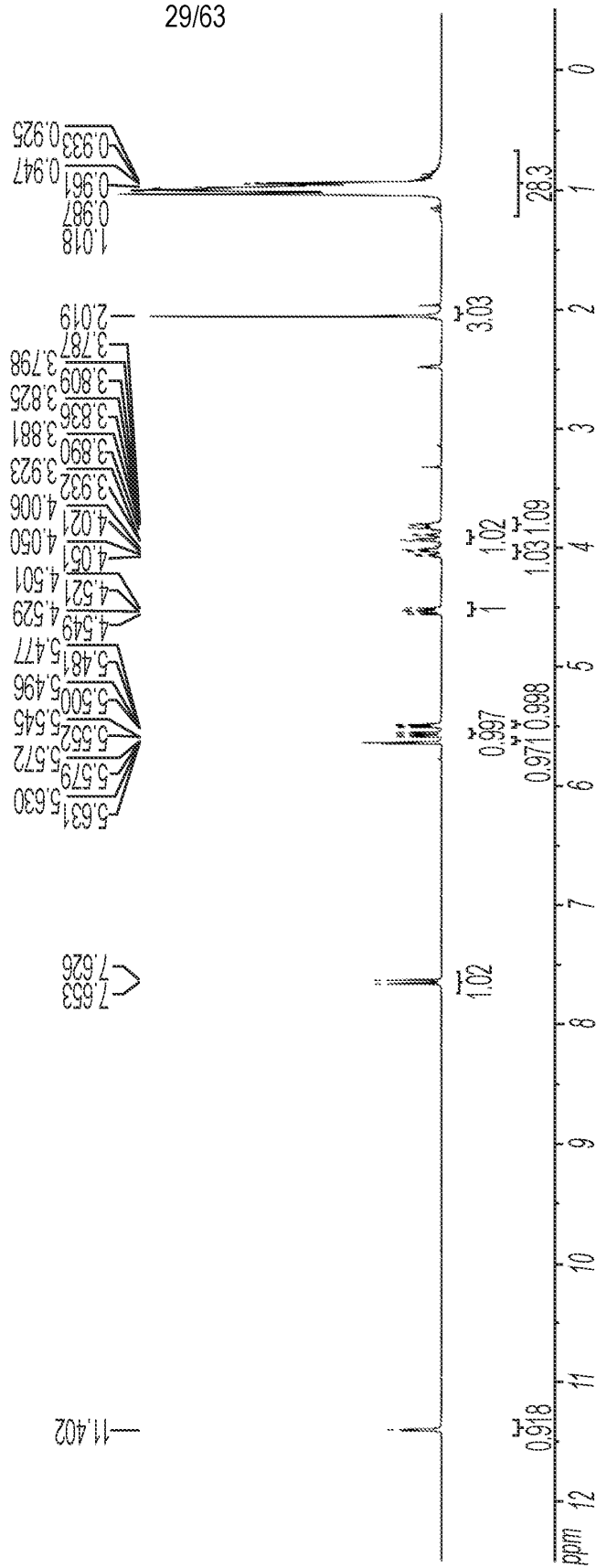


FIG. 28

30/63

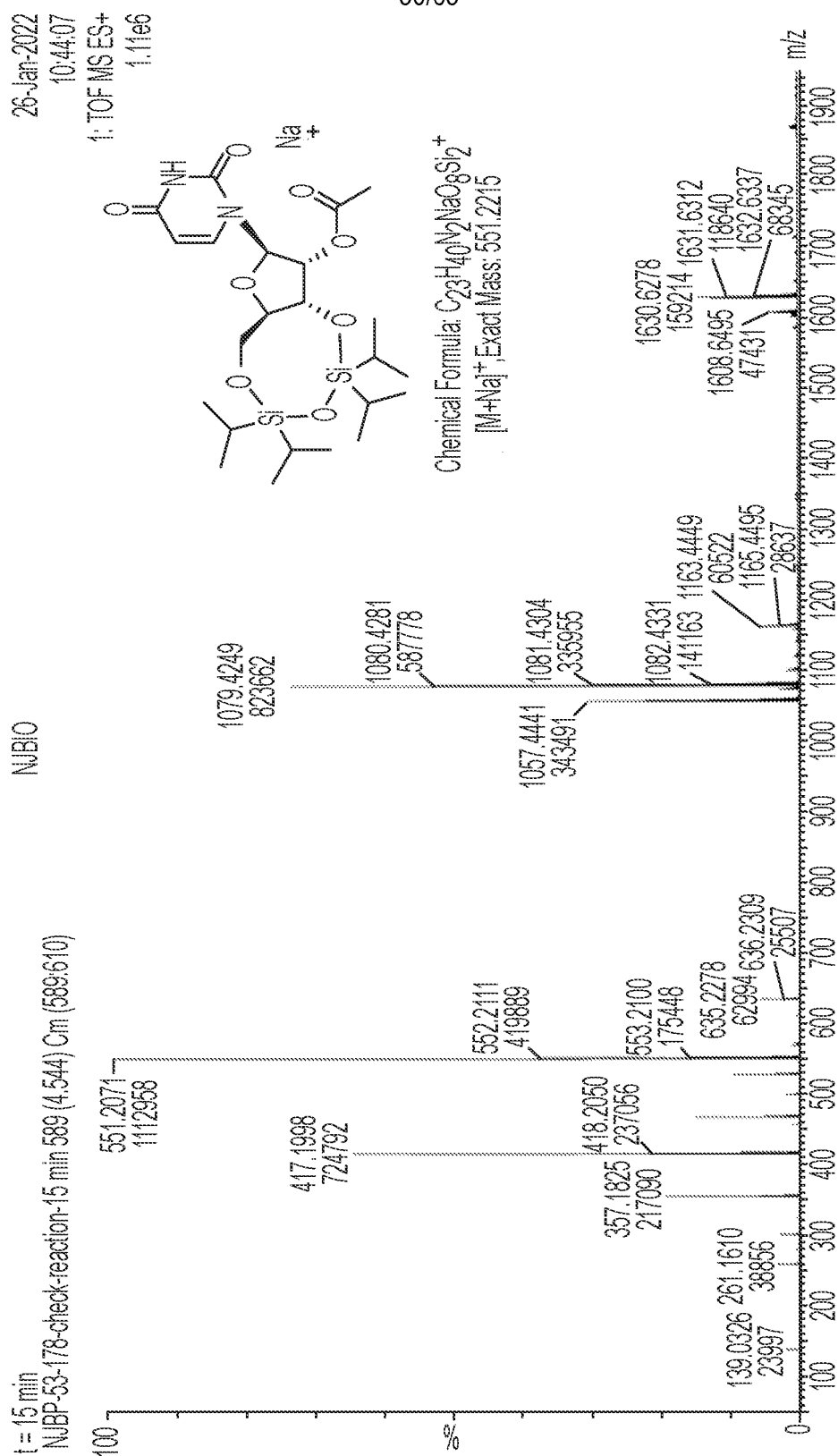


FIG. 29

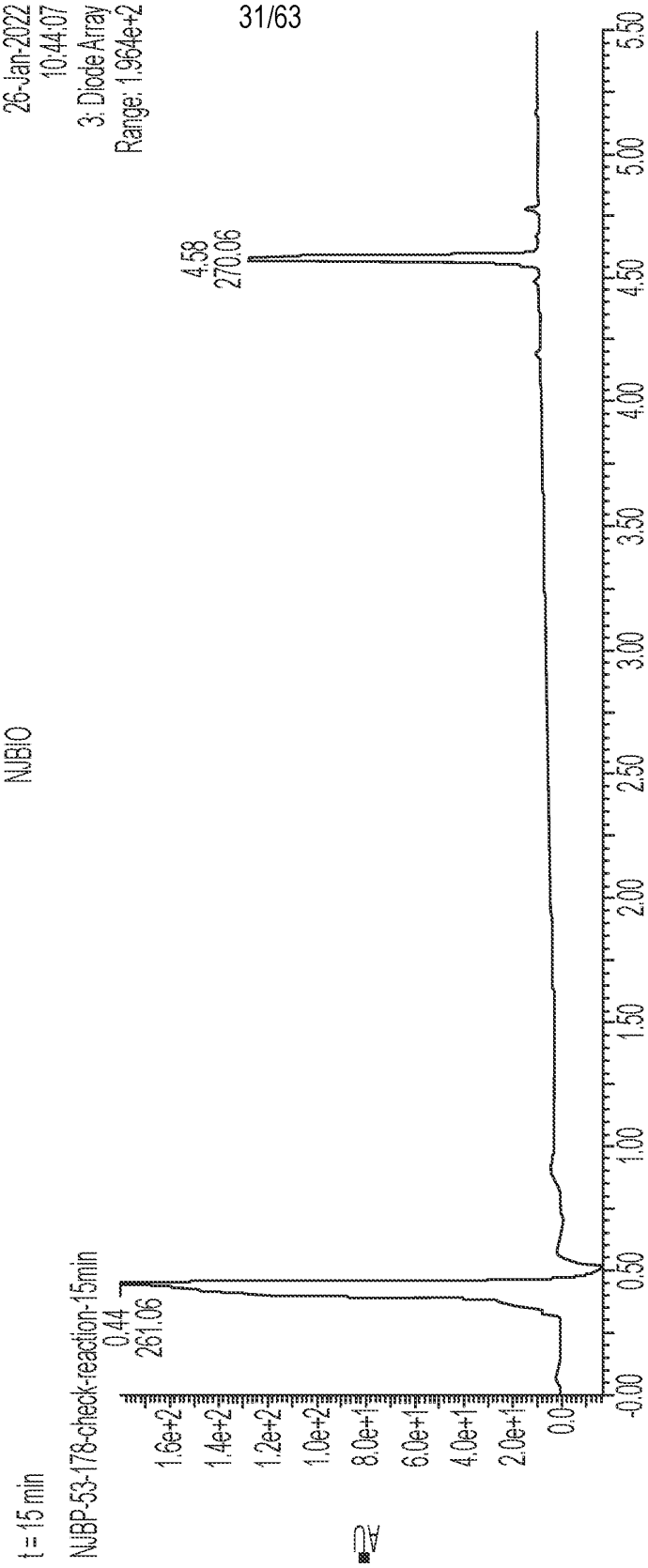


FIG. 30

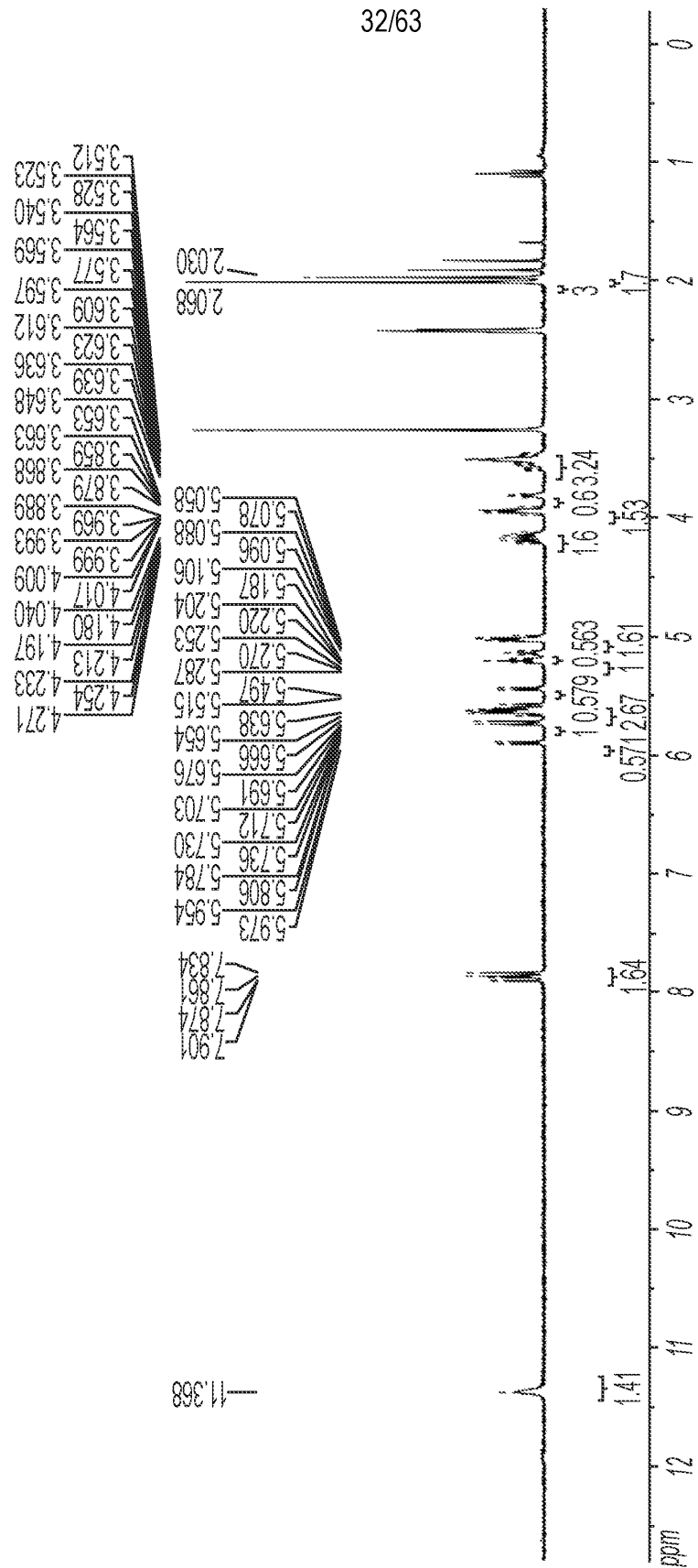


FIG. 31

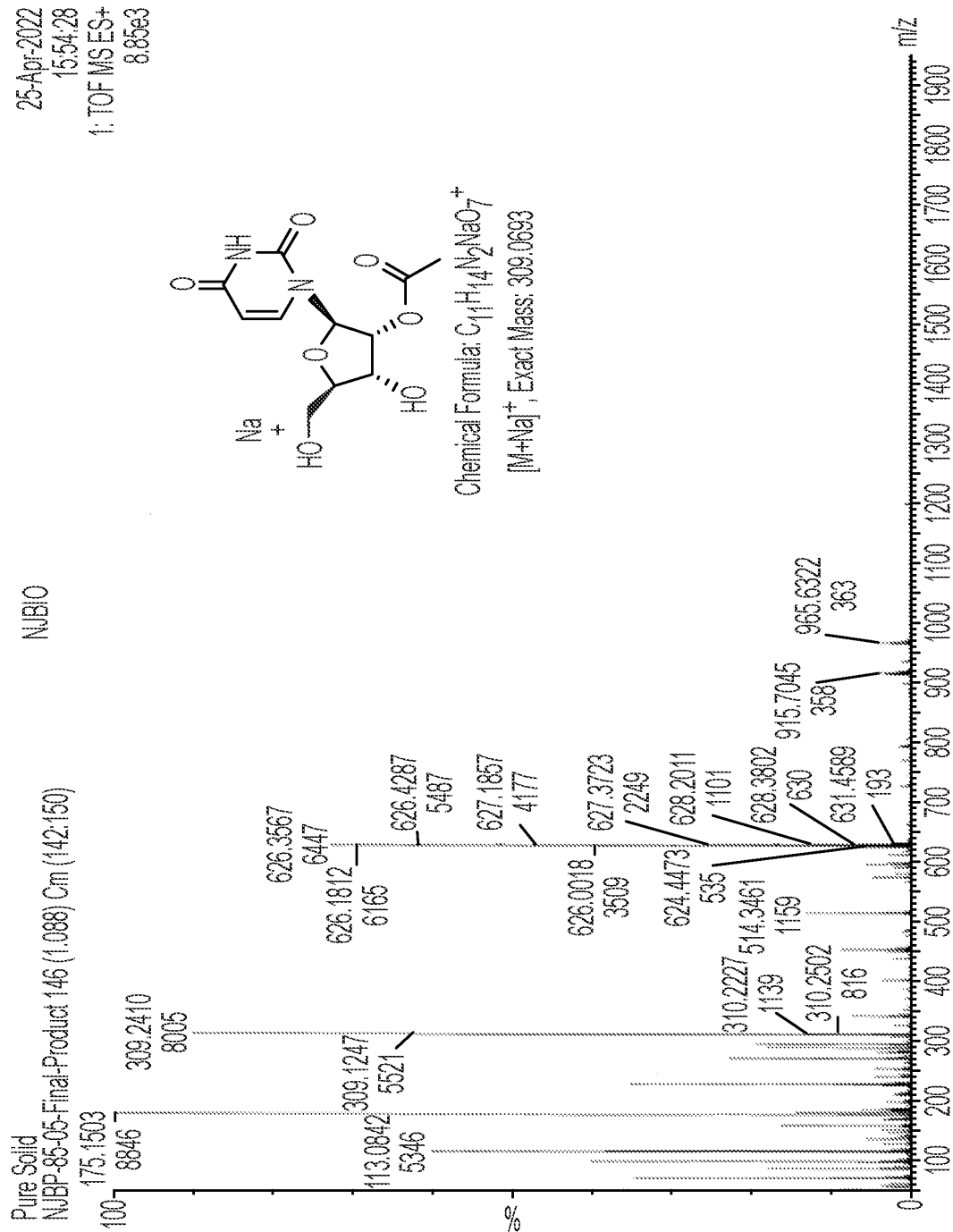


FIG. 32

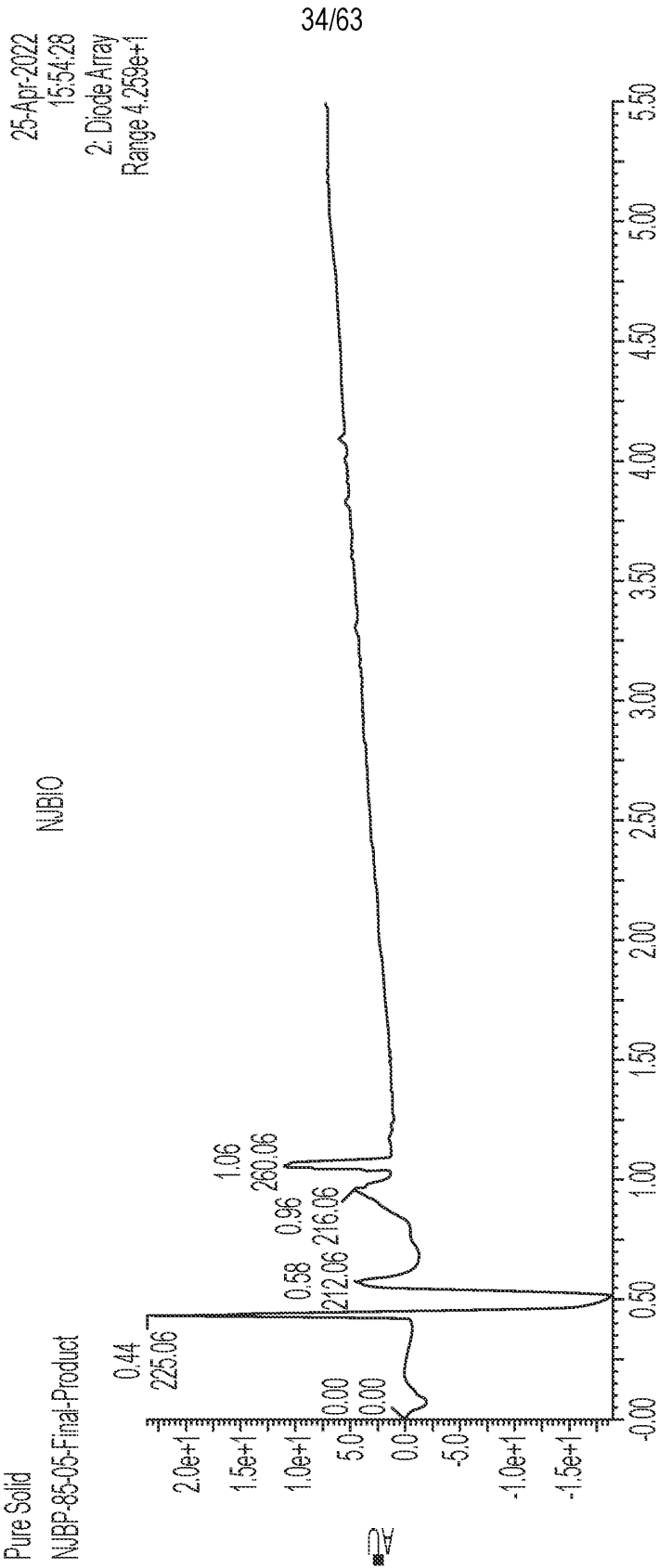
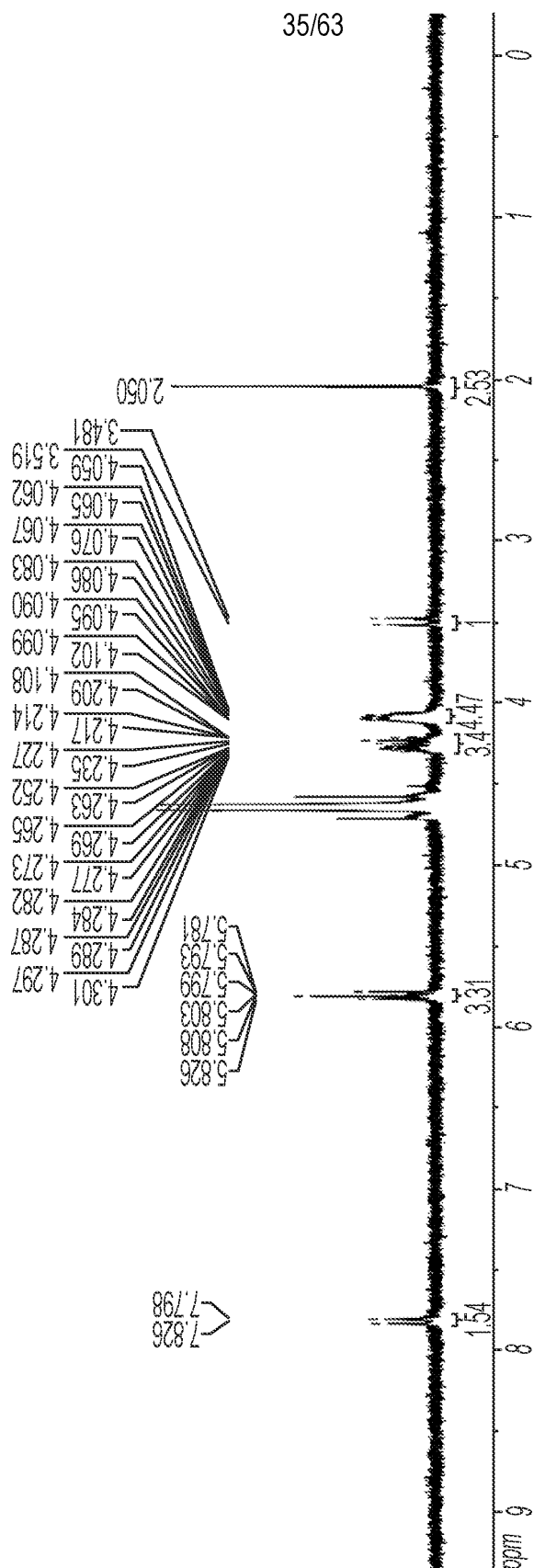


FIG. 33



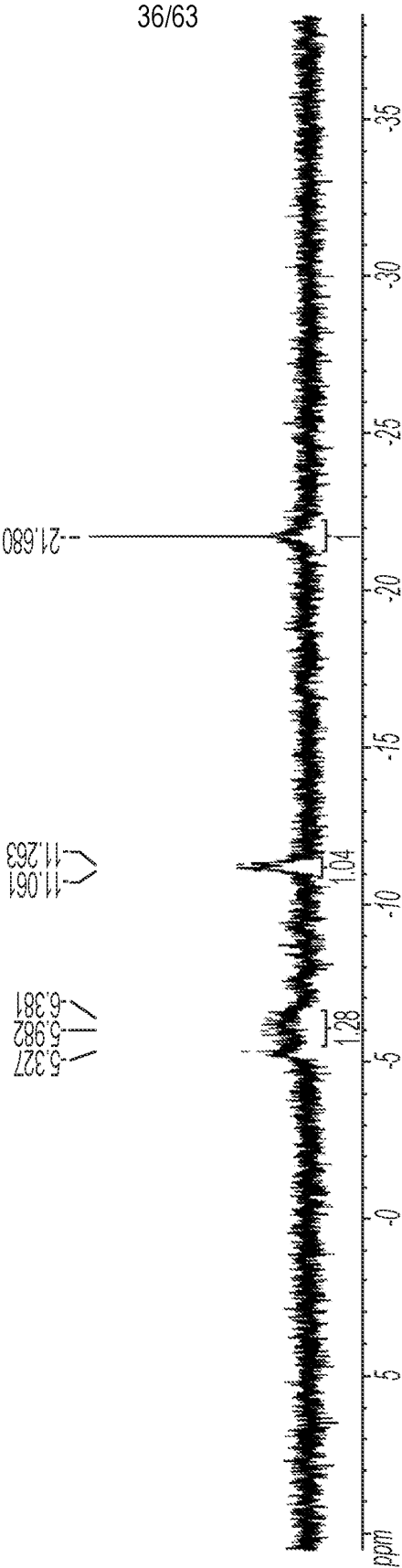
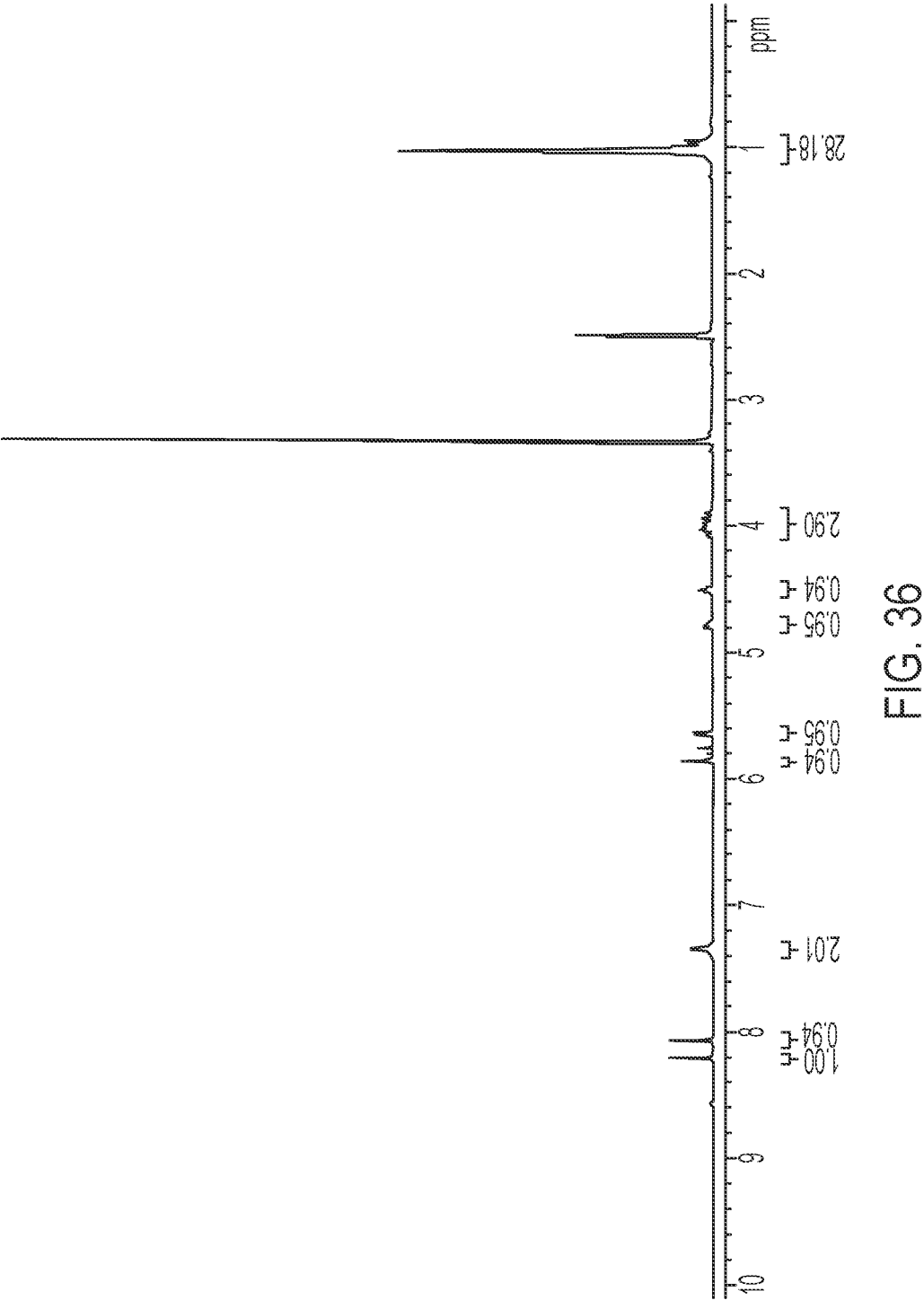
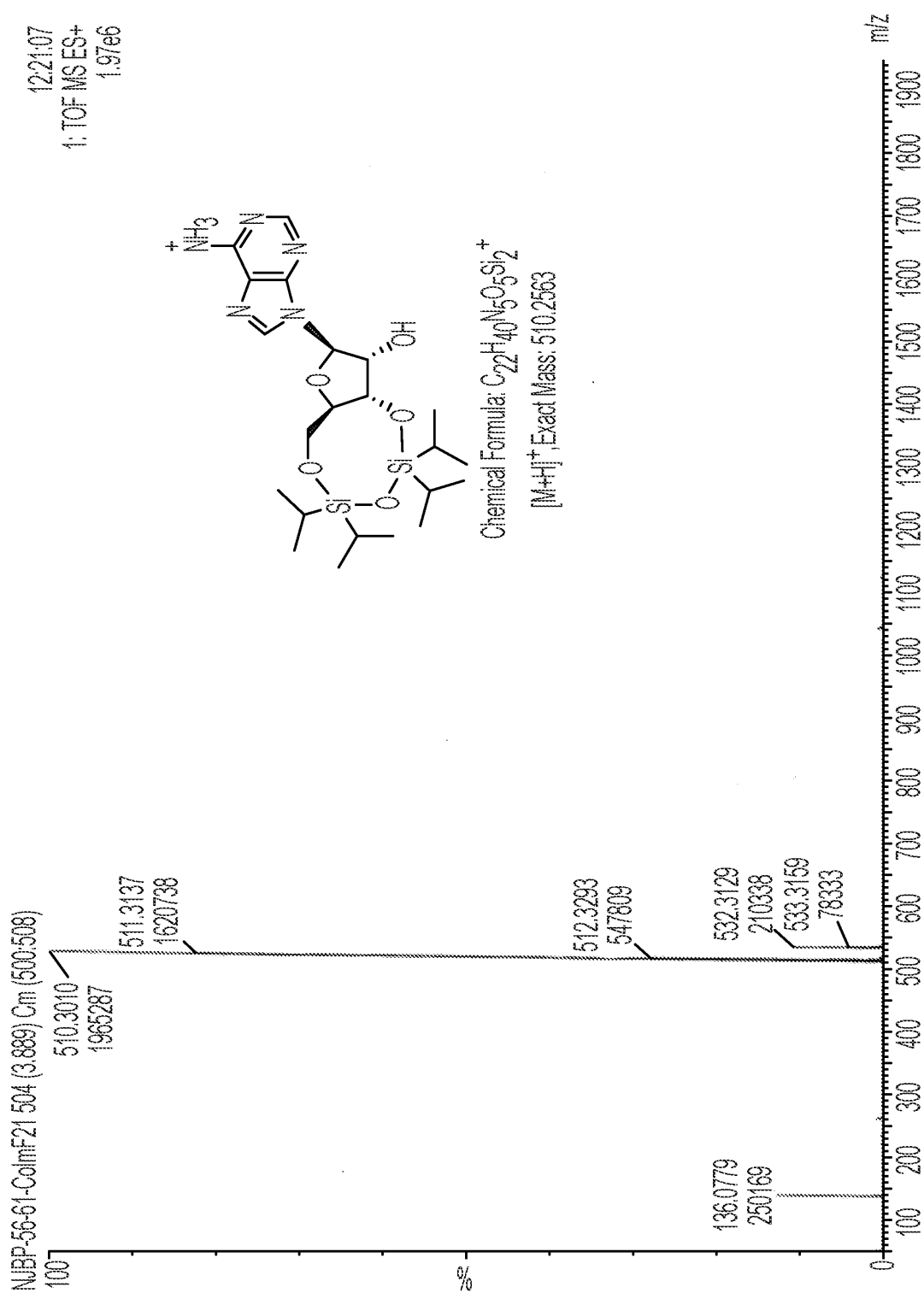


FIG. 35





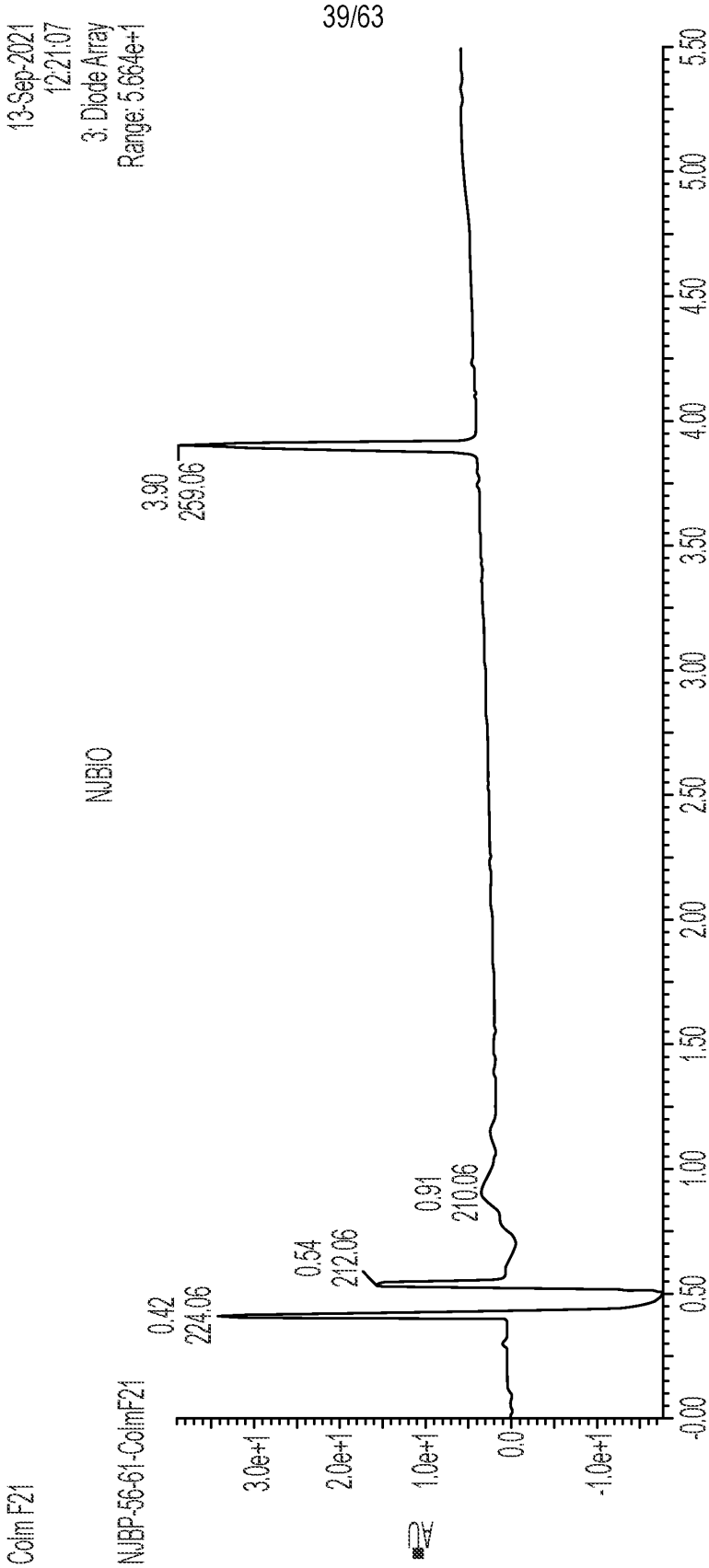


FIG. 38

40/63

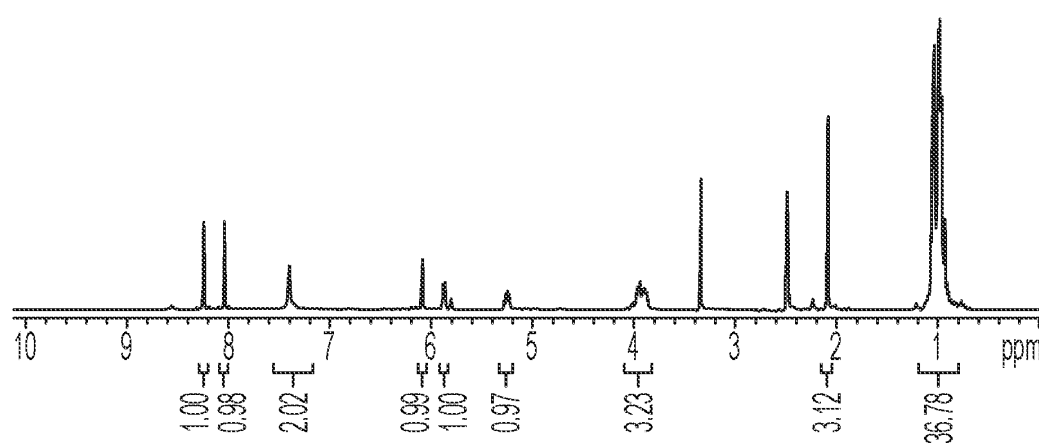
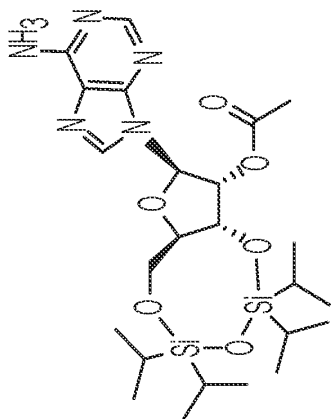
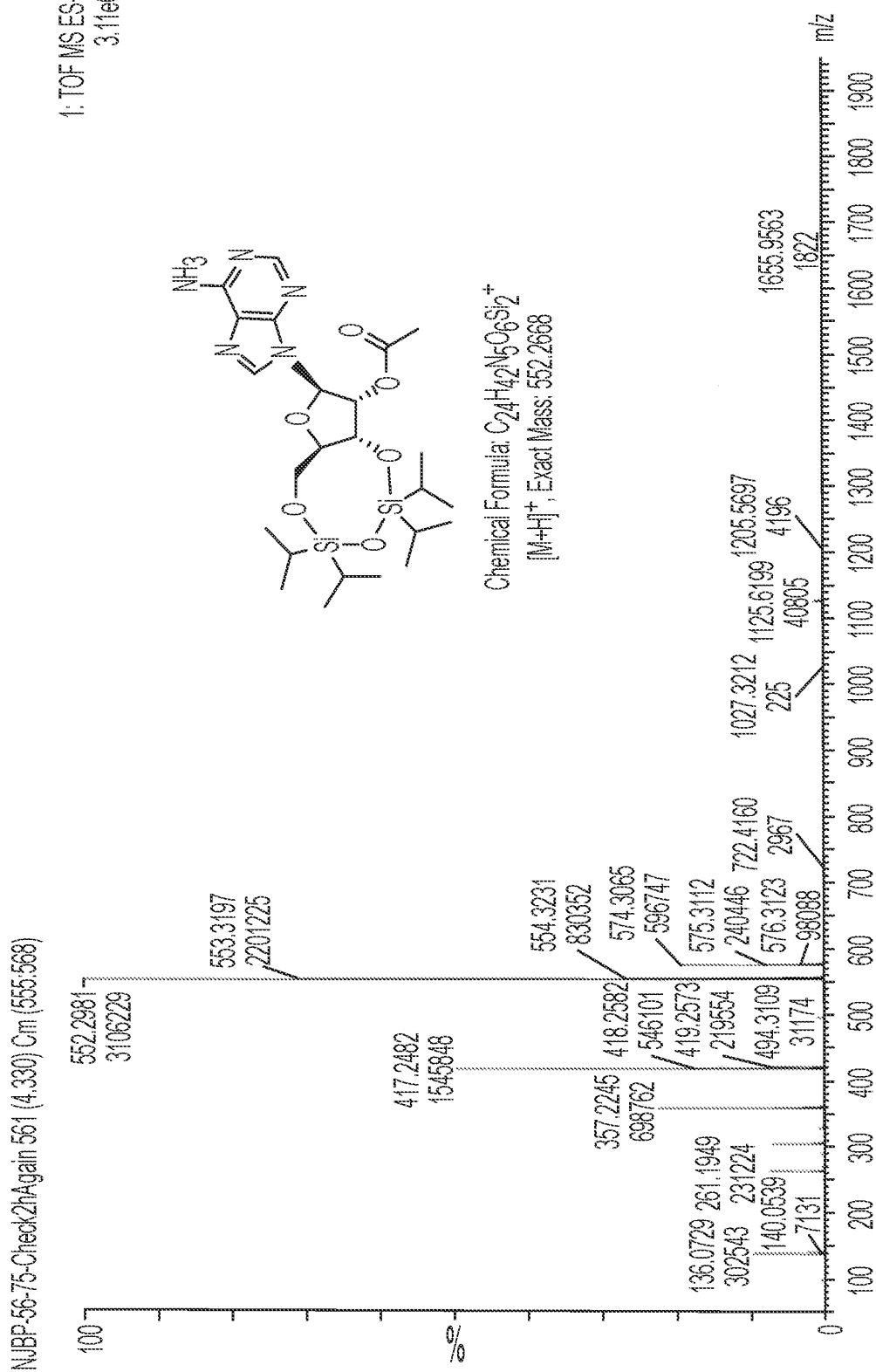


FIG. 39

1:TOFMS ES+
3.11e6

40
G
L

3 Diode Array
Range: 1.974e+2

42/63

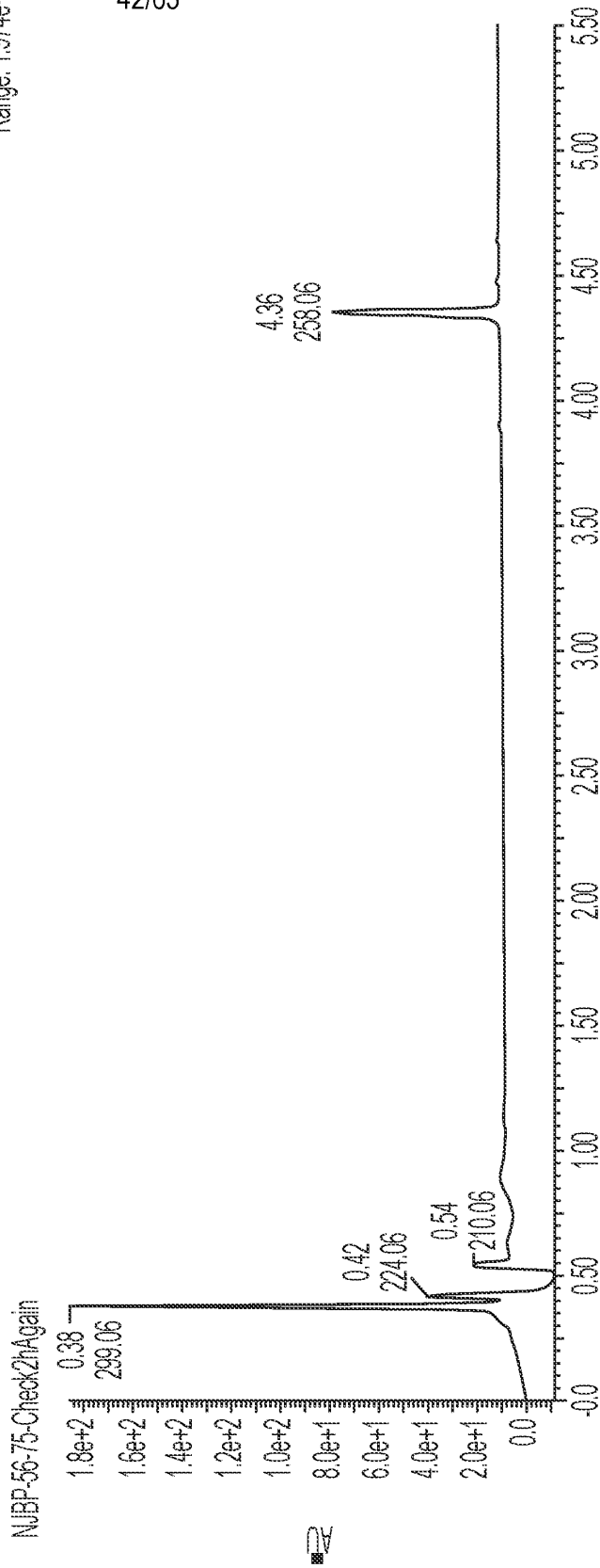
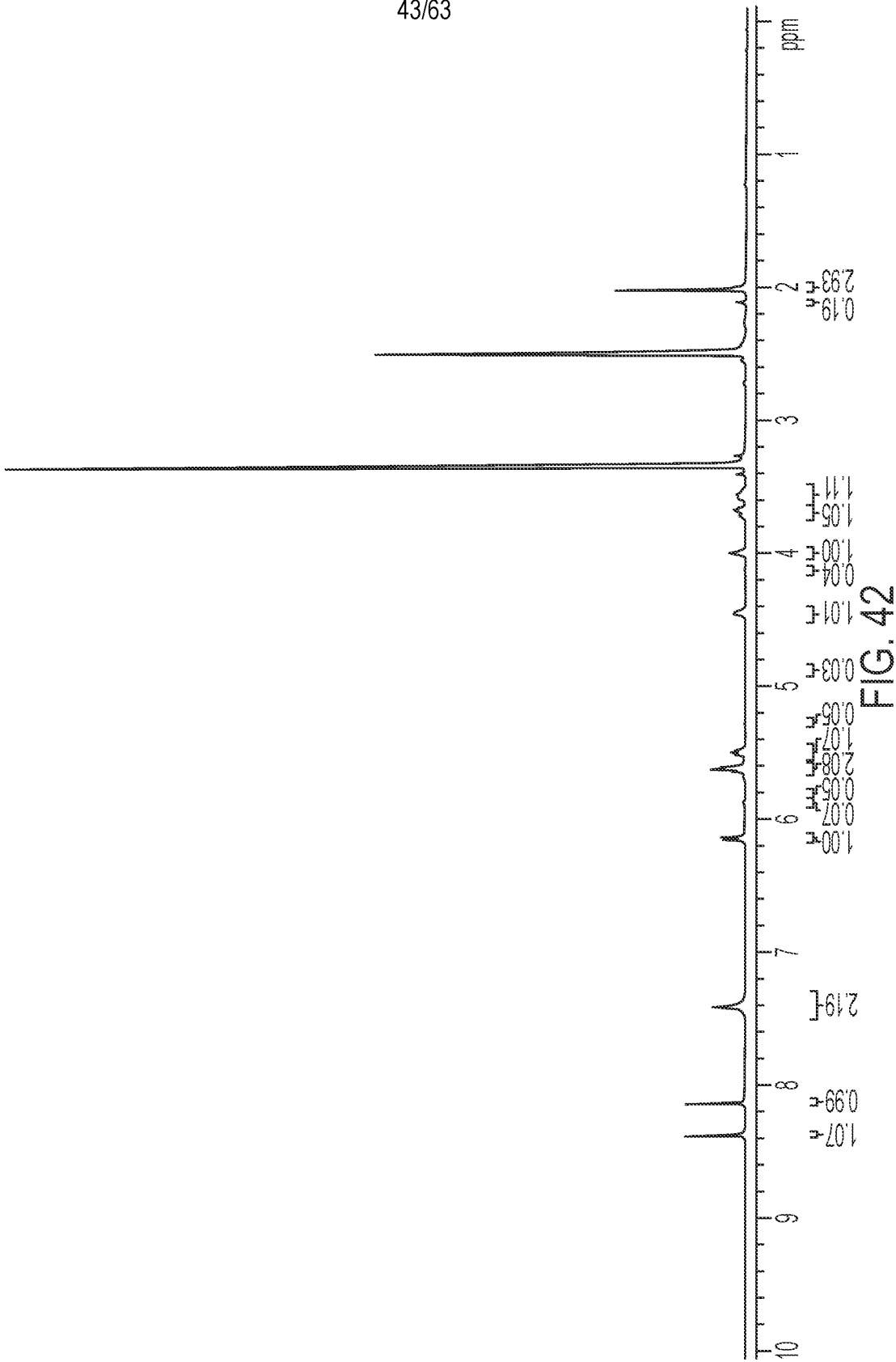
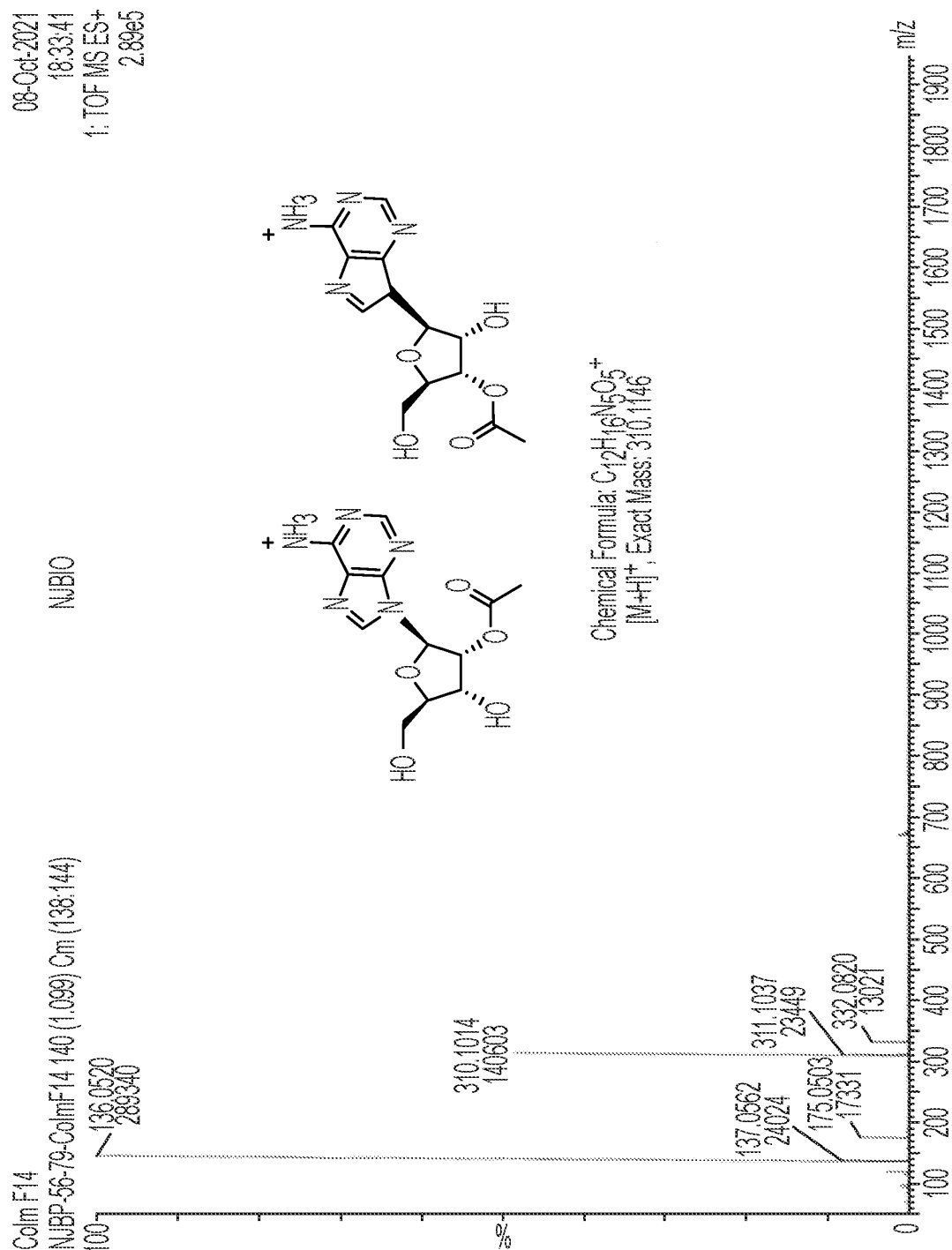


FIG. 41

43/63





08-Oct-2021
18:33:41
3: Diode Array
Range: 6.286e+1

45/63

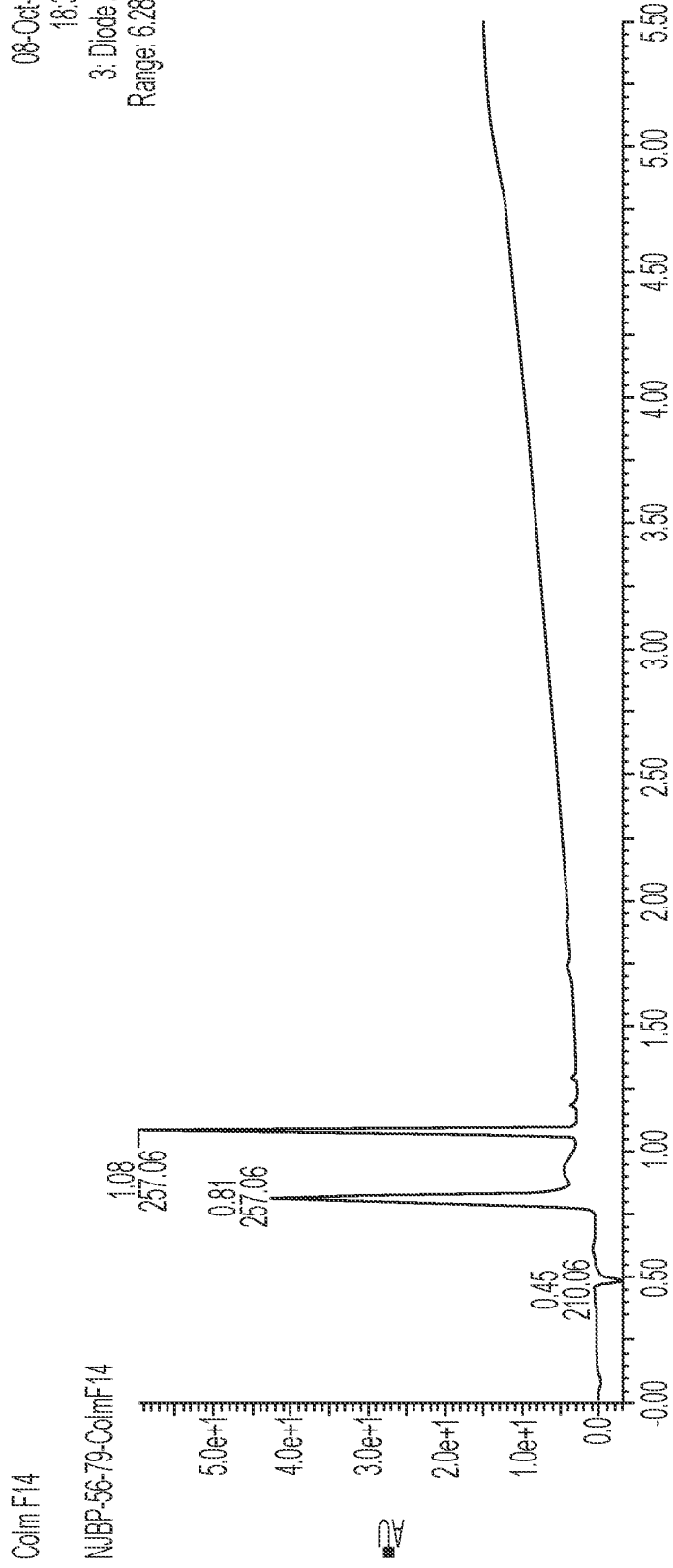


FIG. 44

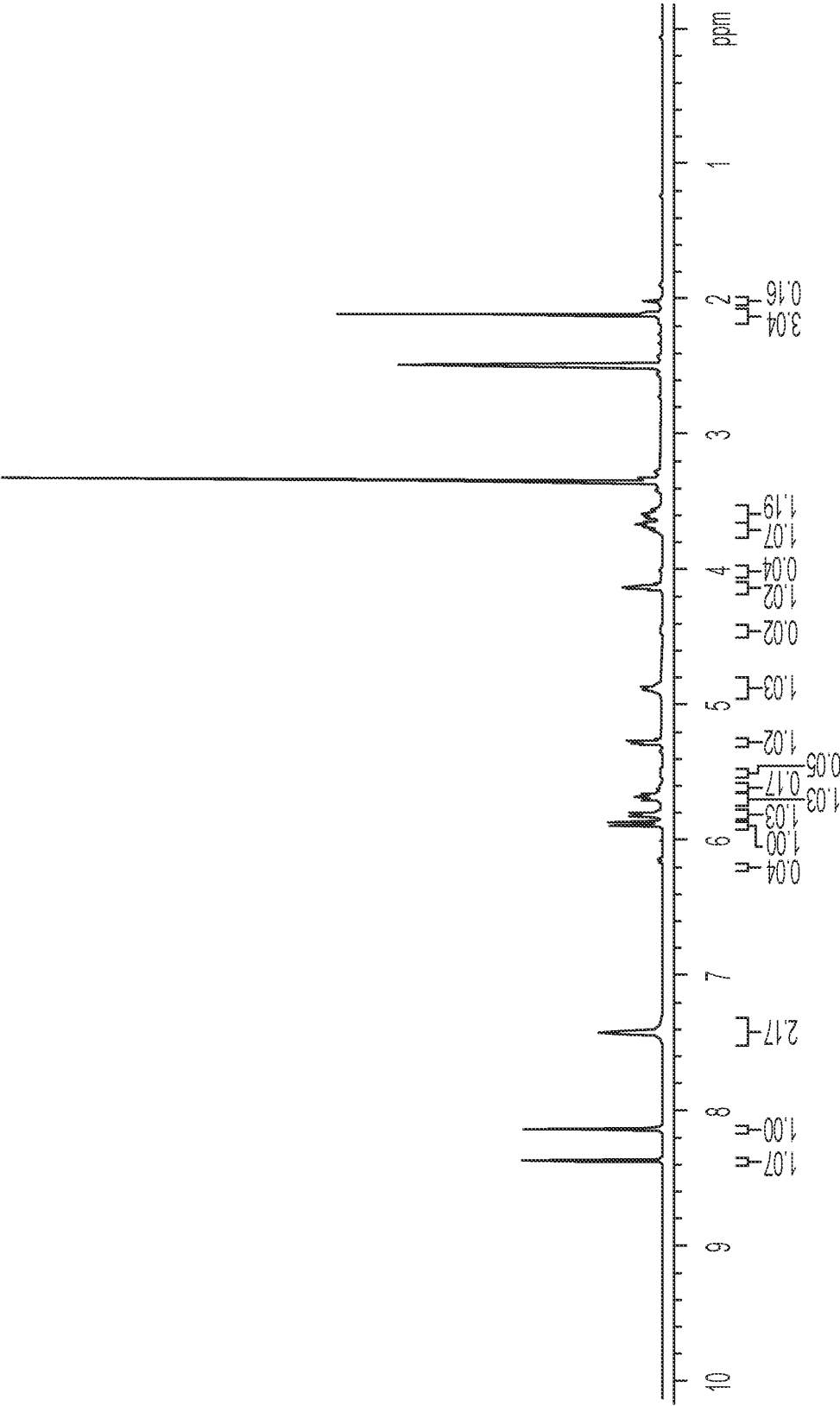


FIG. 45

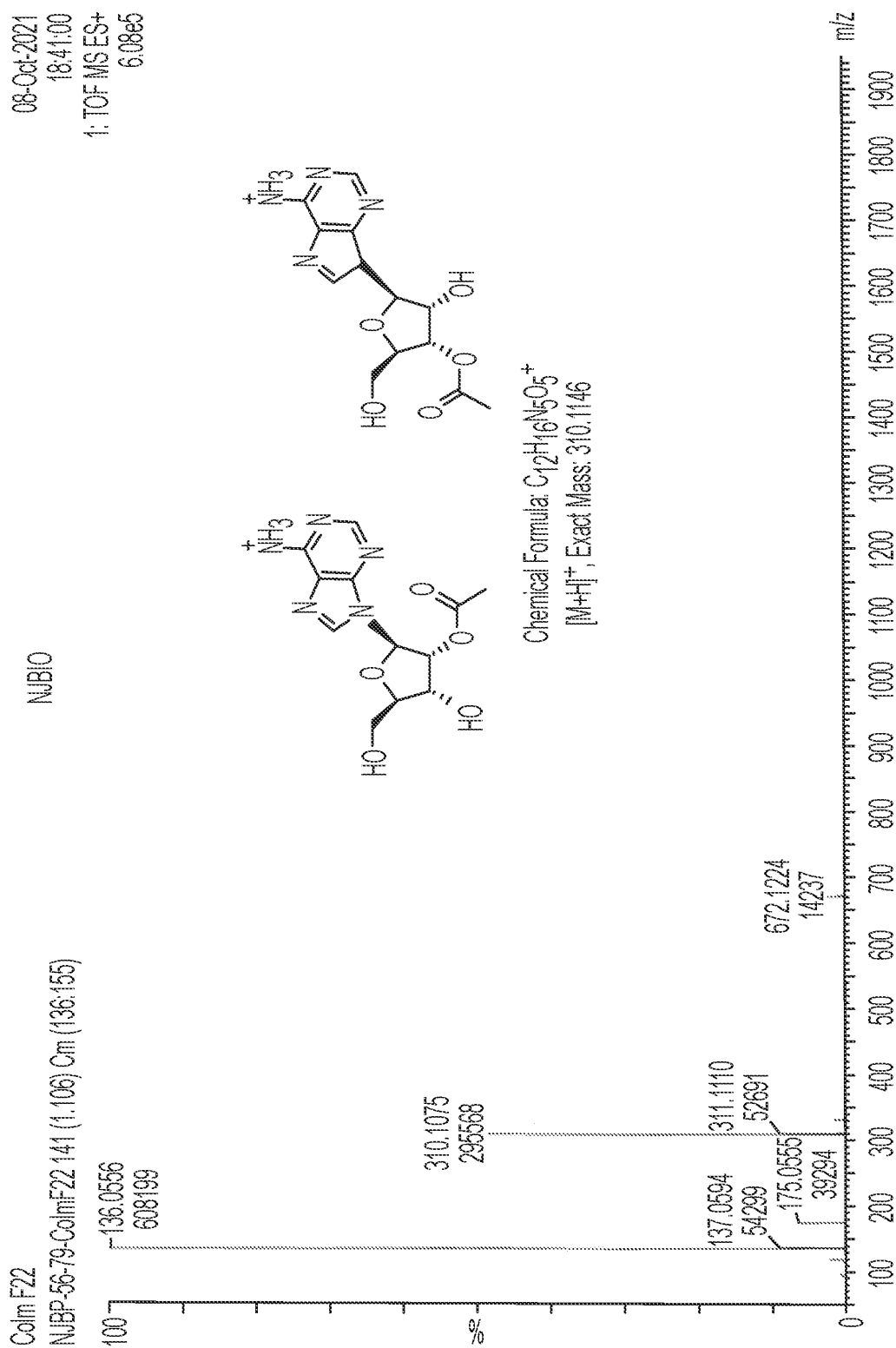


FIG. 46

08-Oct-2021
18:41:00
3: Diode Array
Range: 1.24e+2

NJBIO

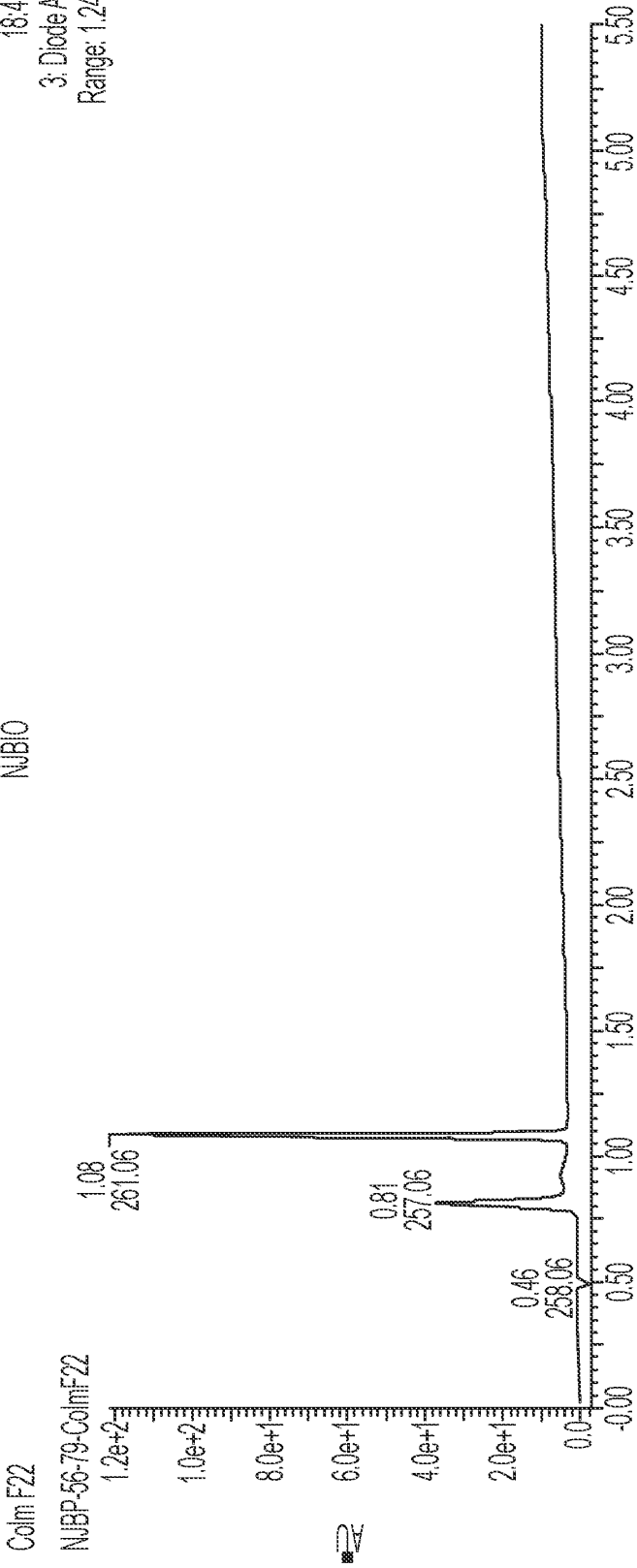
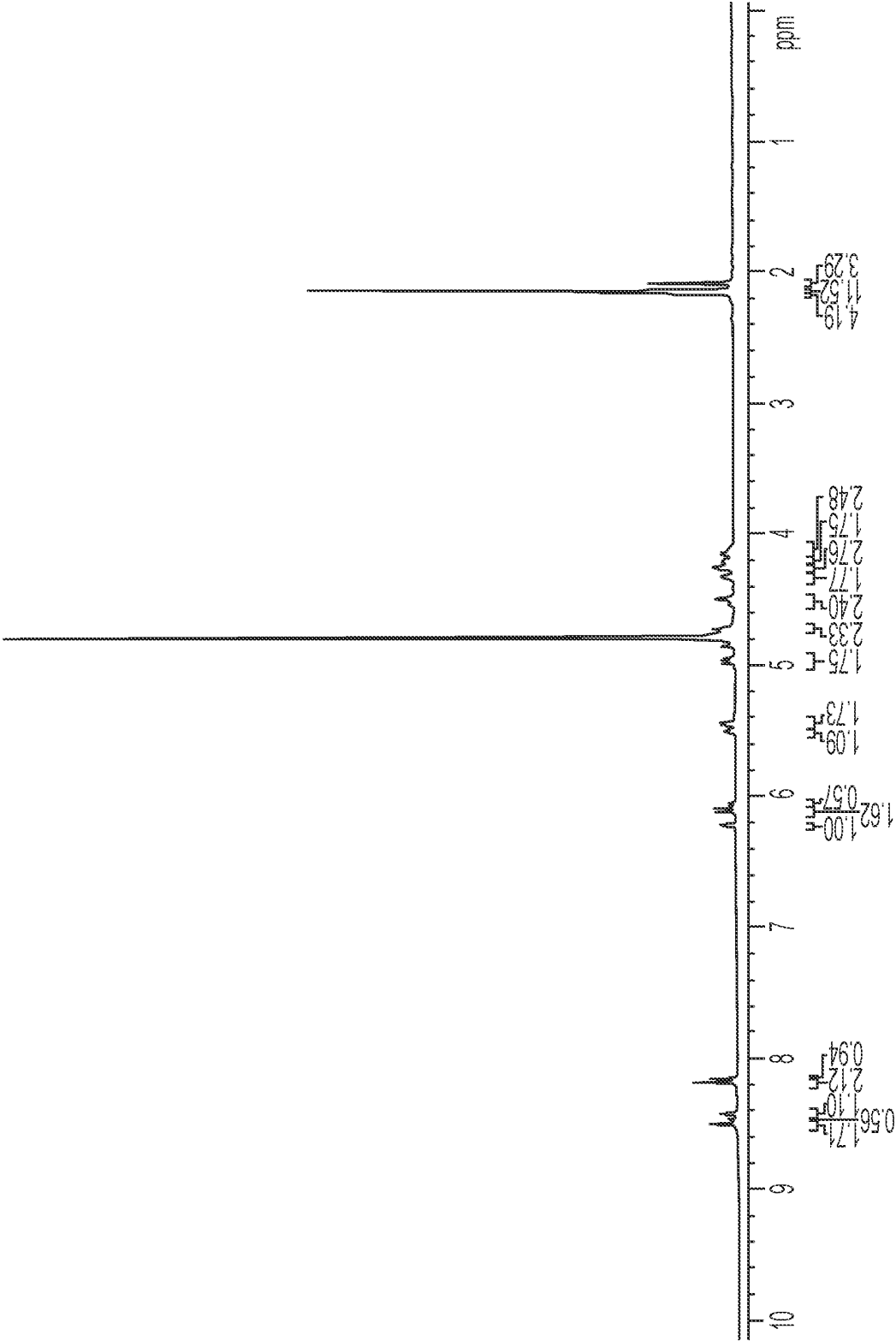


FIG. 47



50/63

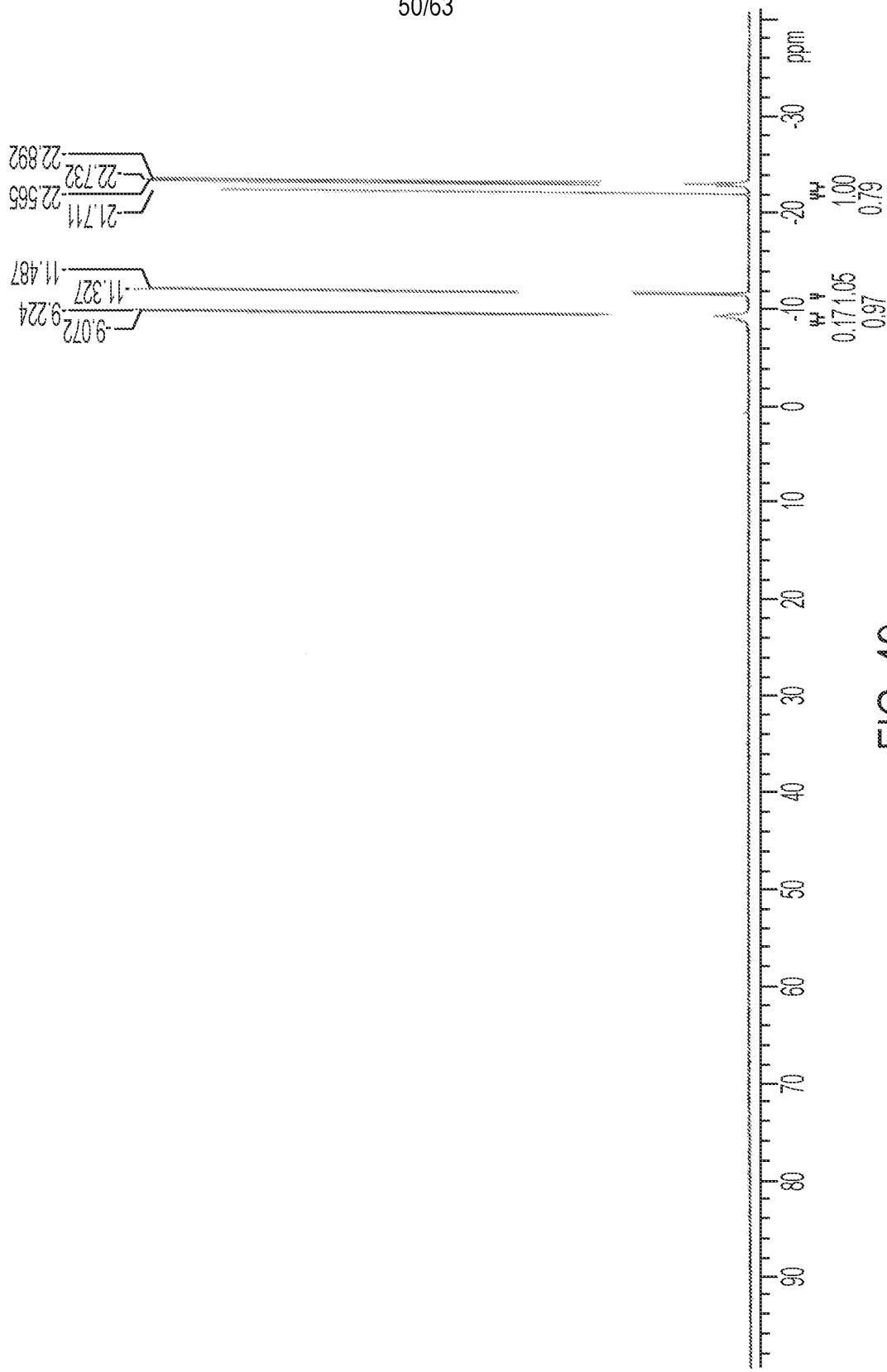


FIG. 49

15-Nov-2021
11:26:00
TOF MS ES-
242

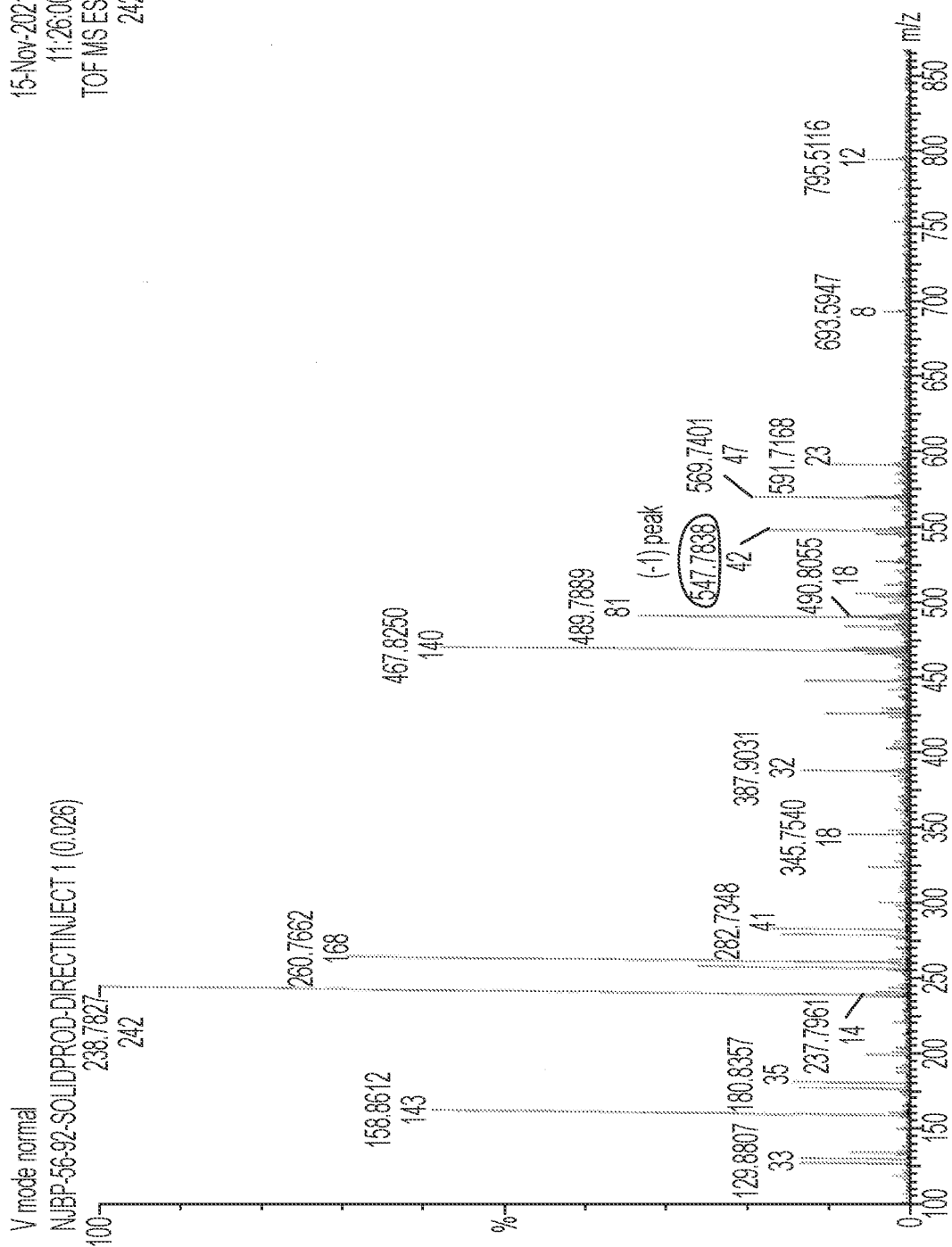


FIG. 50

52/63

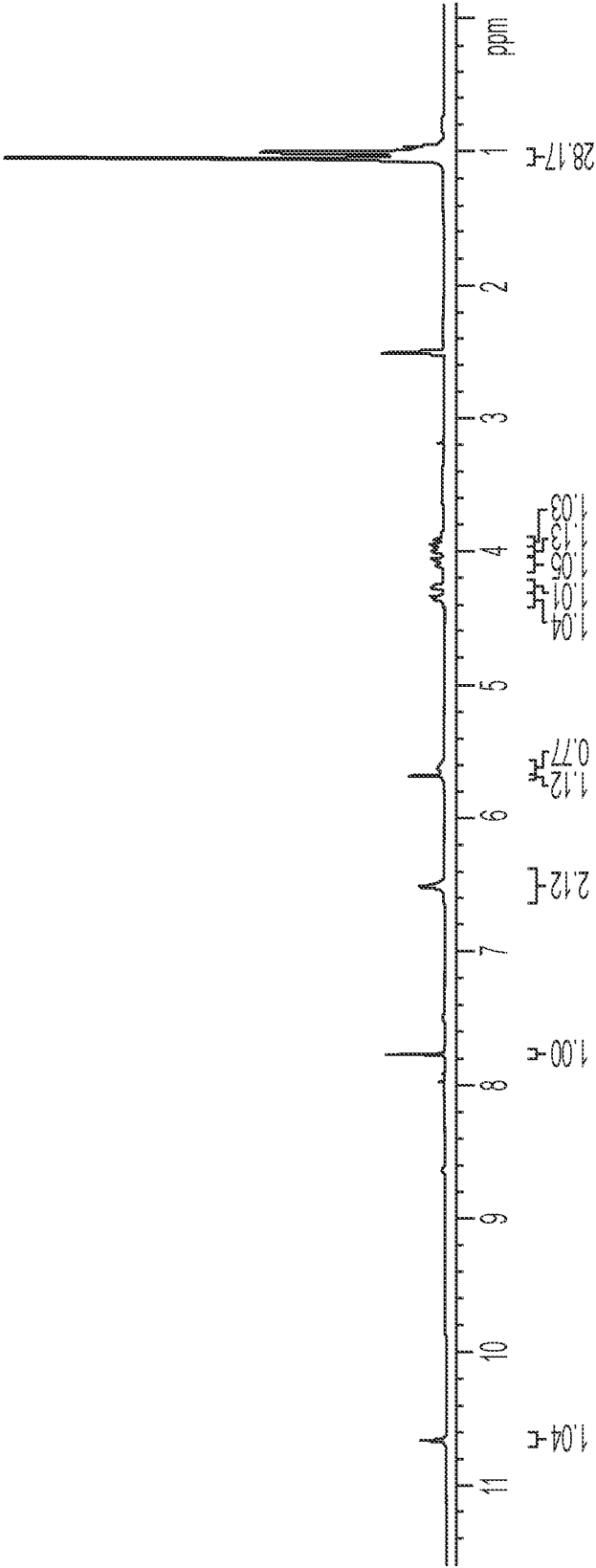


FIG. 51

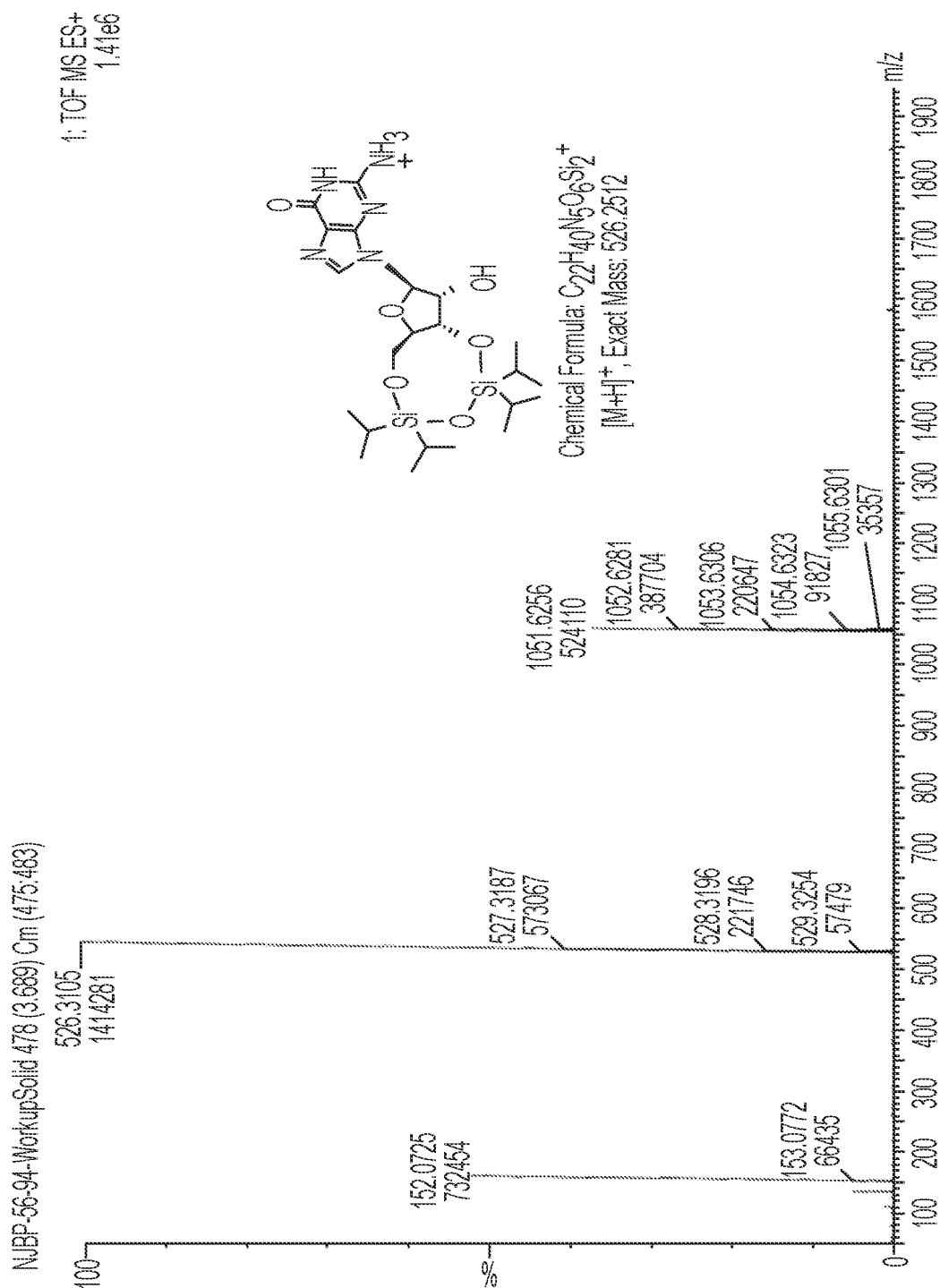


FIG. 52

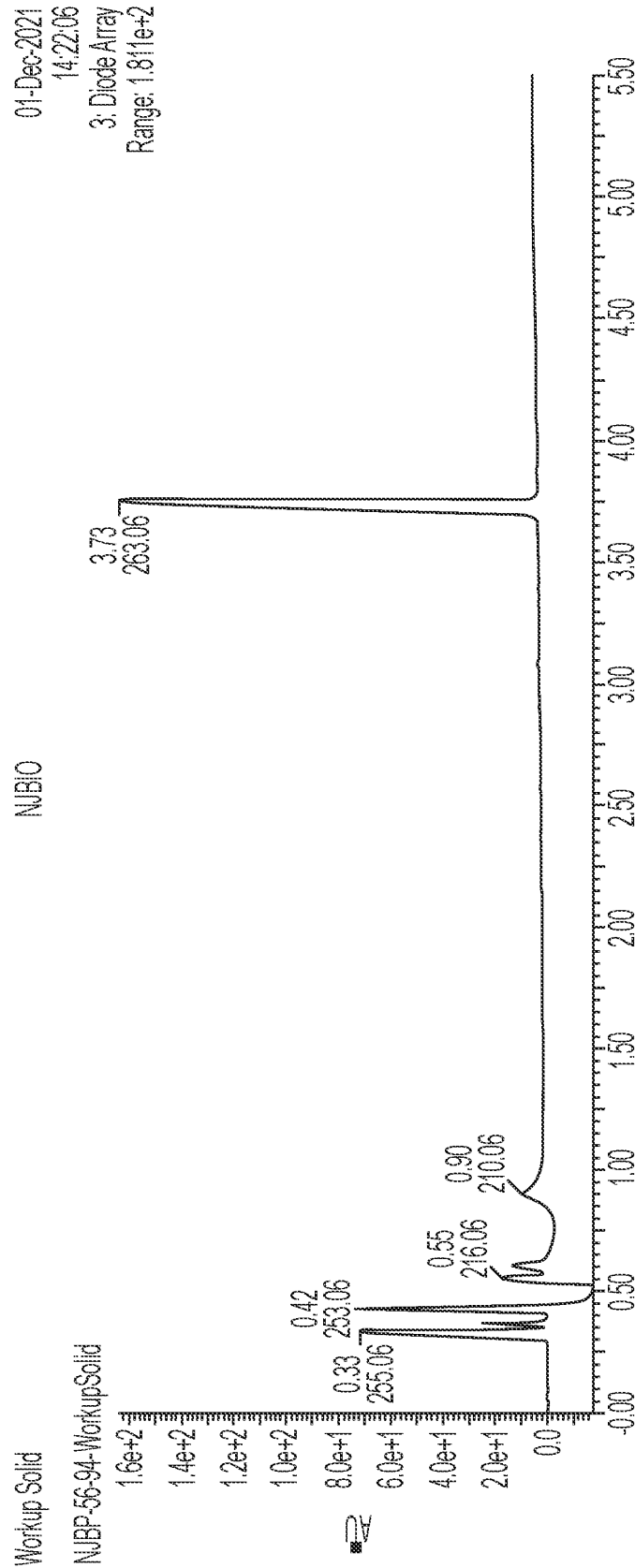


FIG. 53

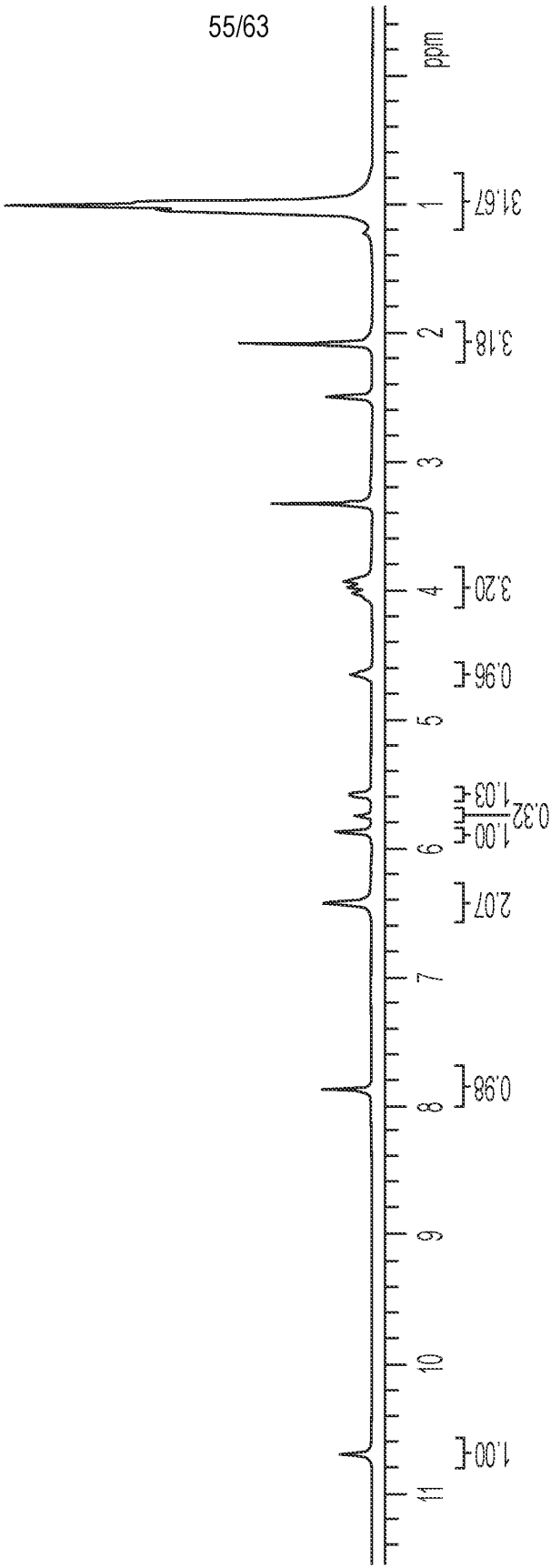


FIG. 54

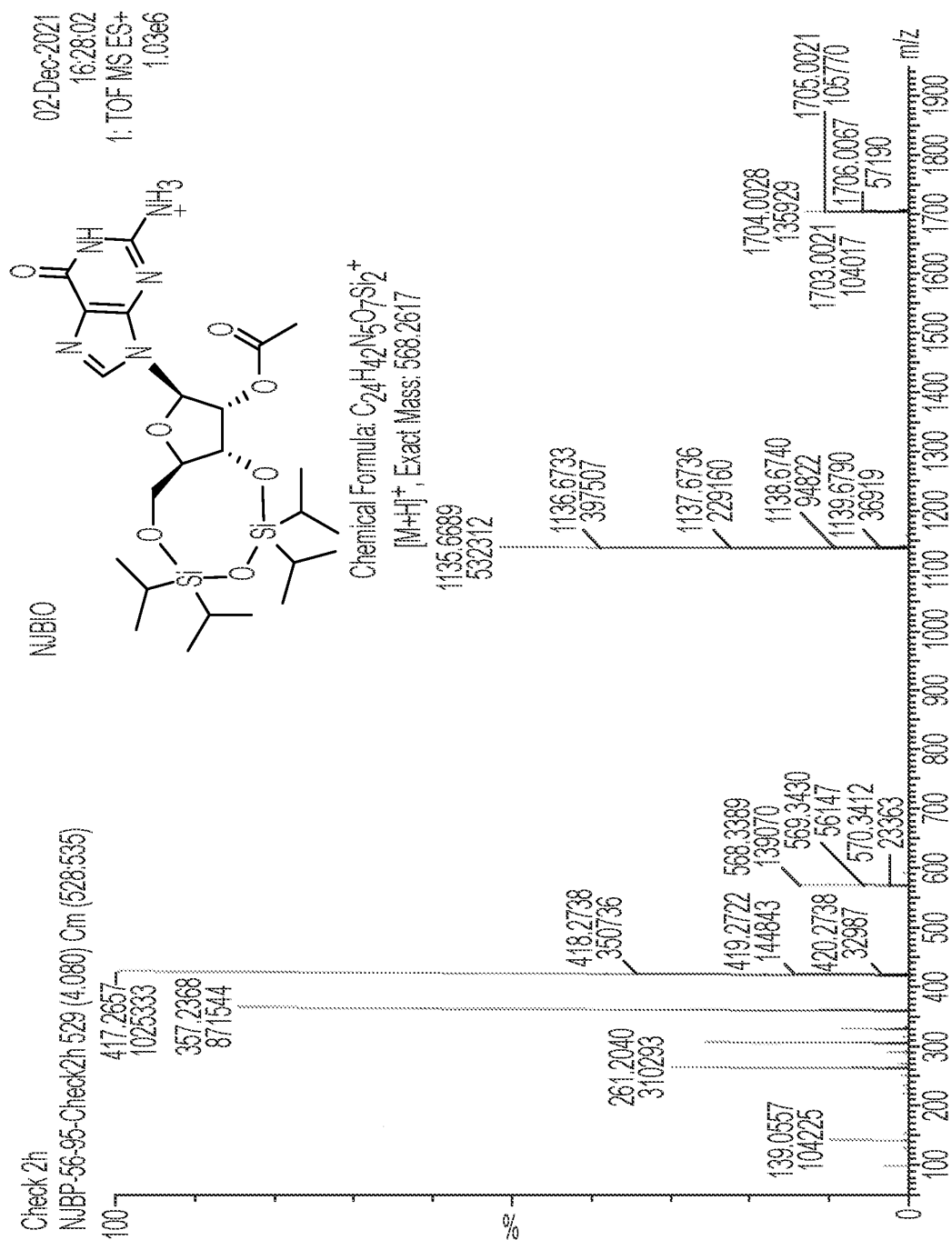


FIG. 55

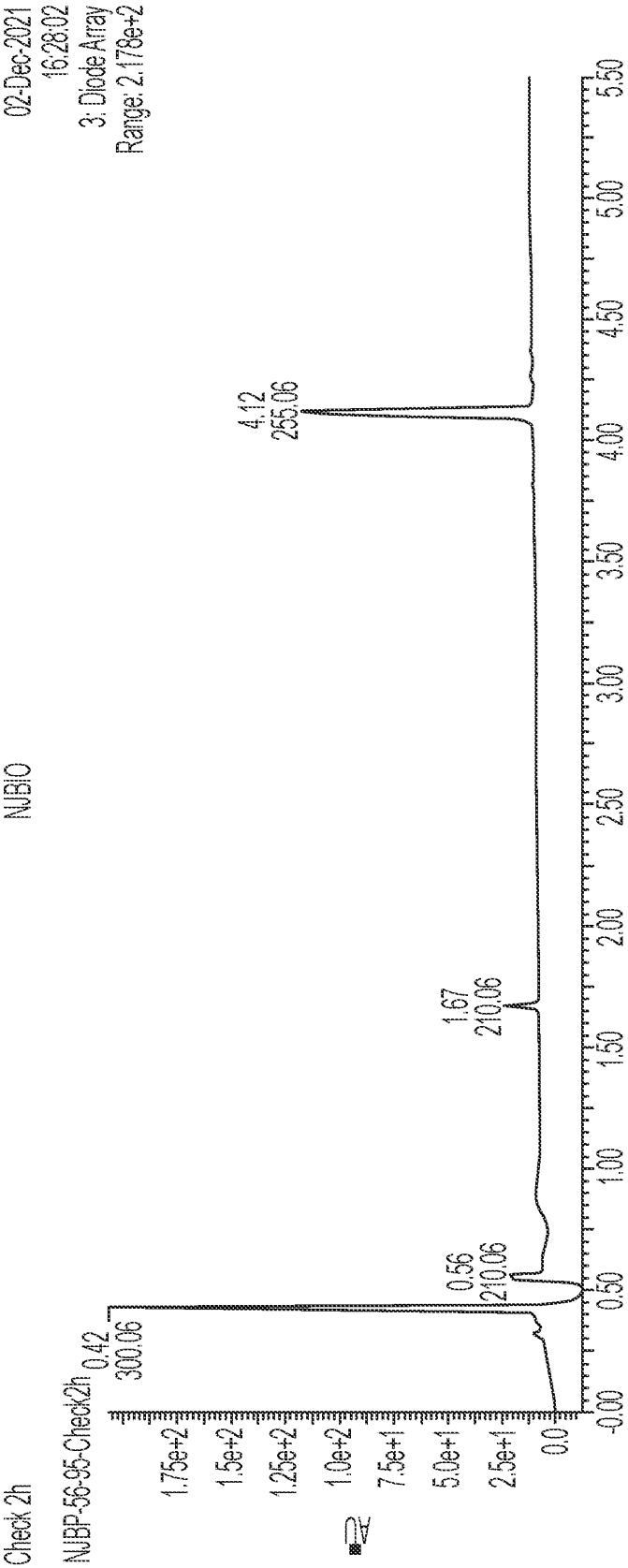


FIG. 56

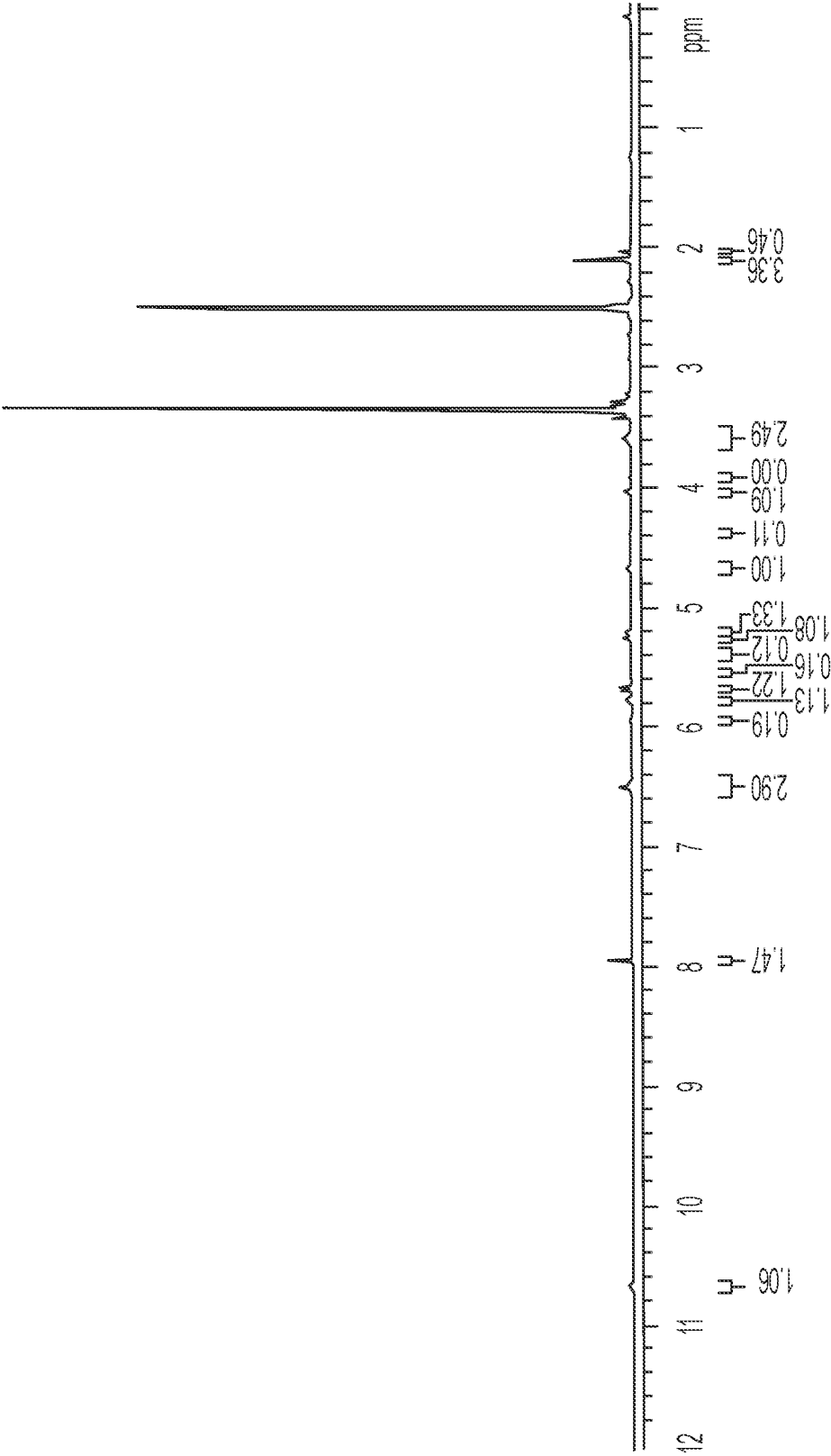
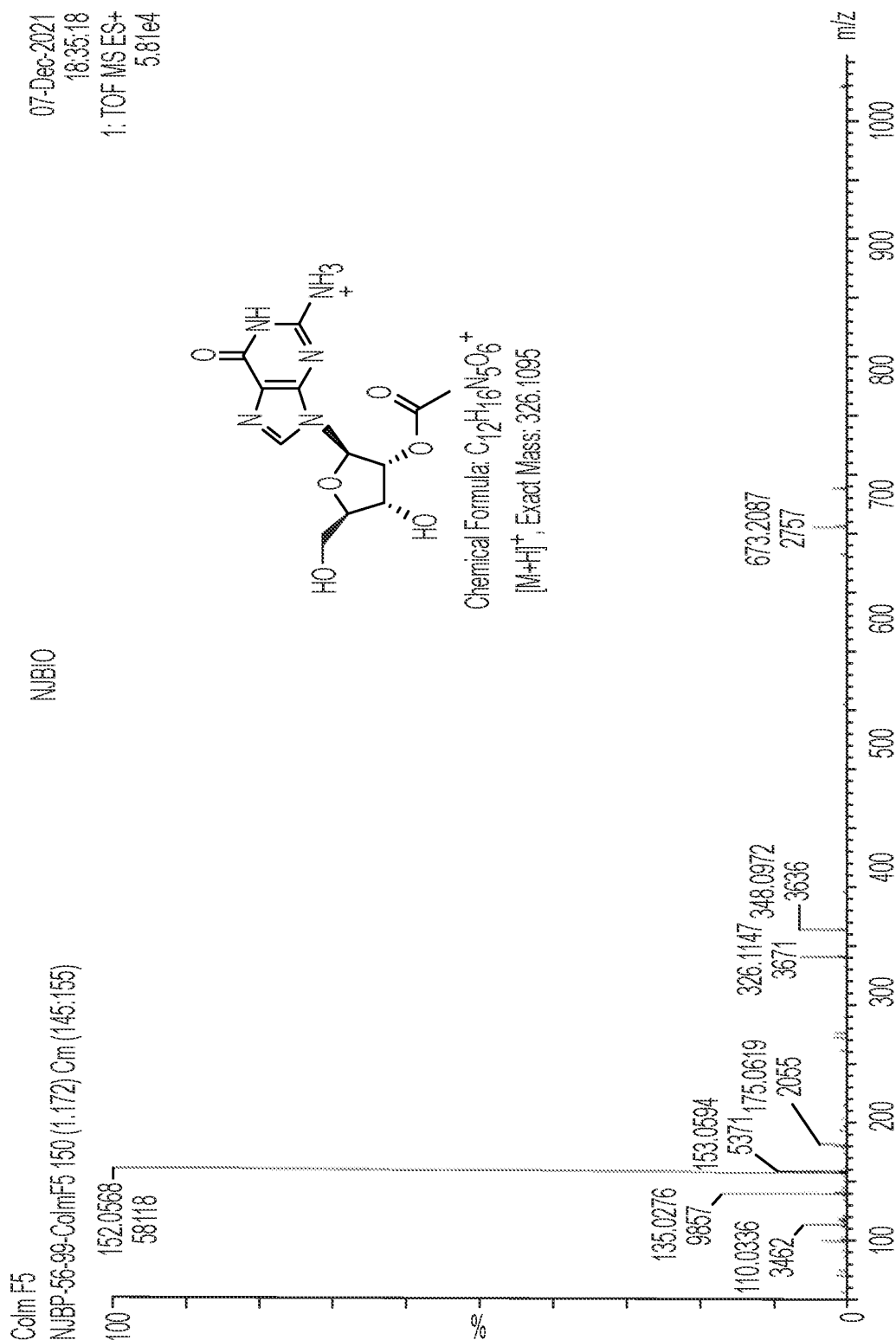


FIG. 57



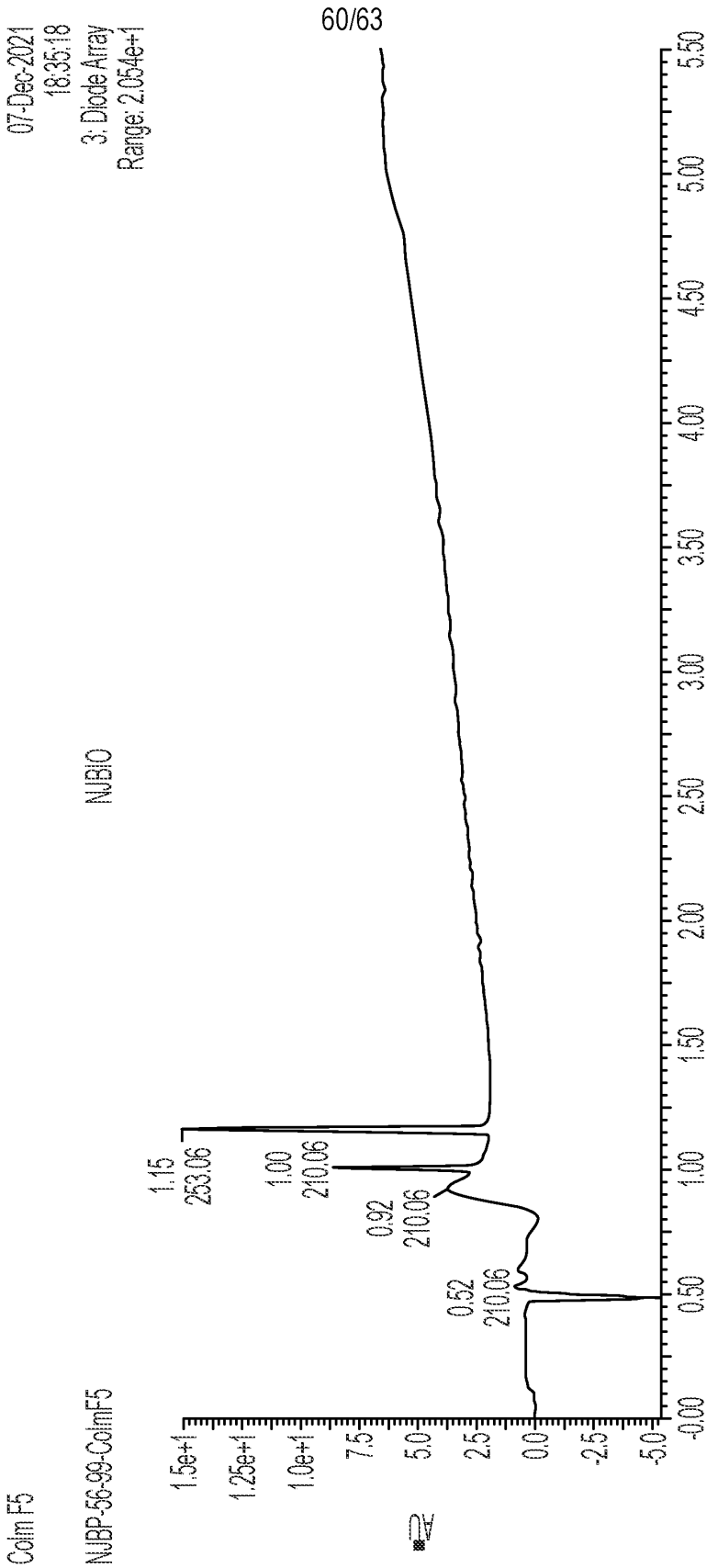
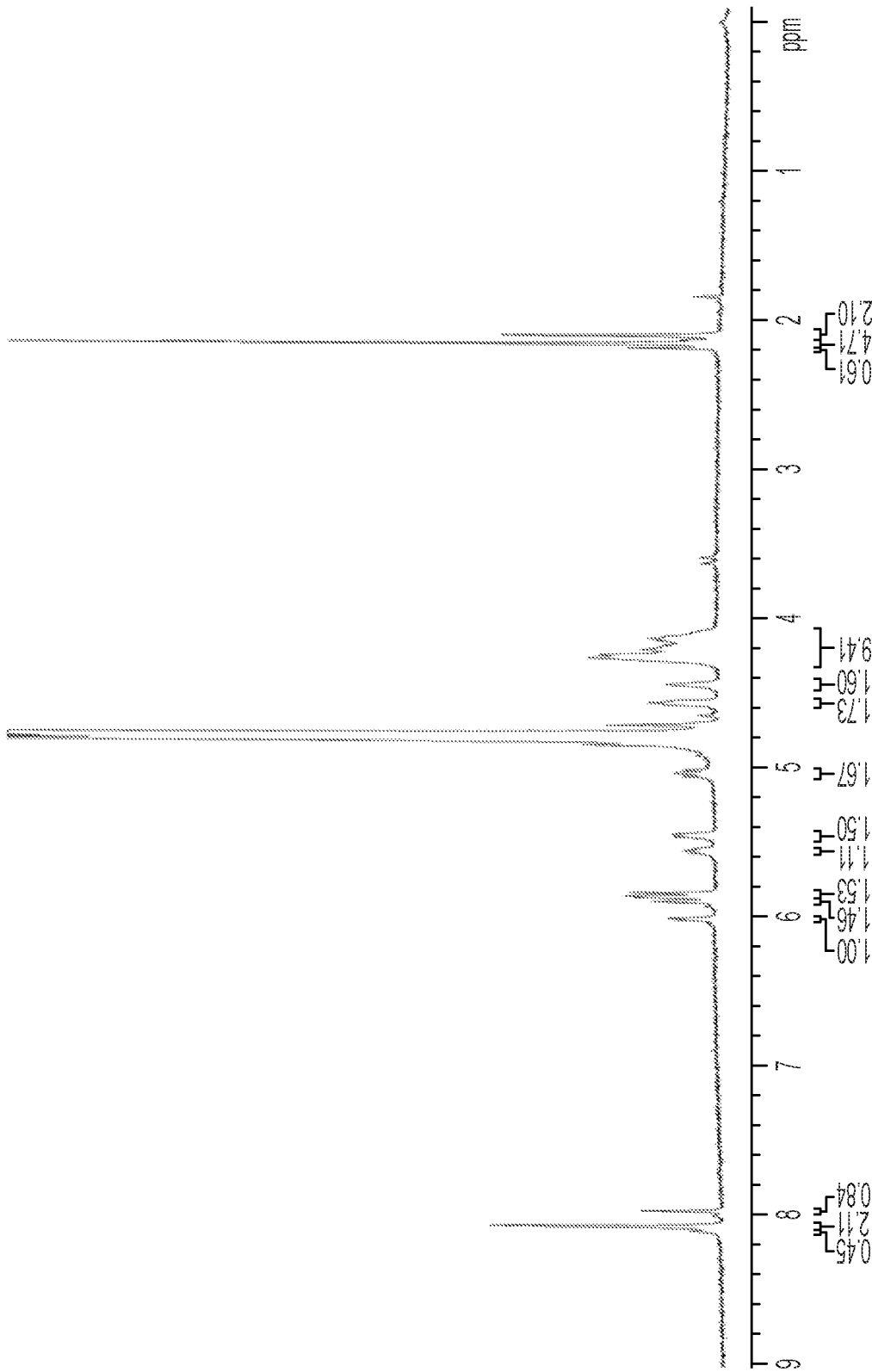


FIG. 59



62/63

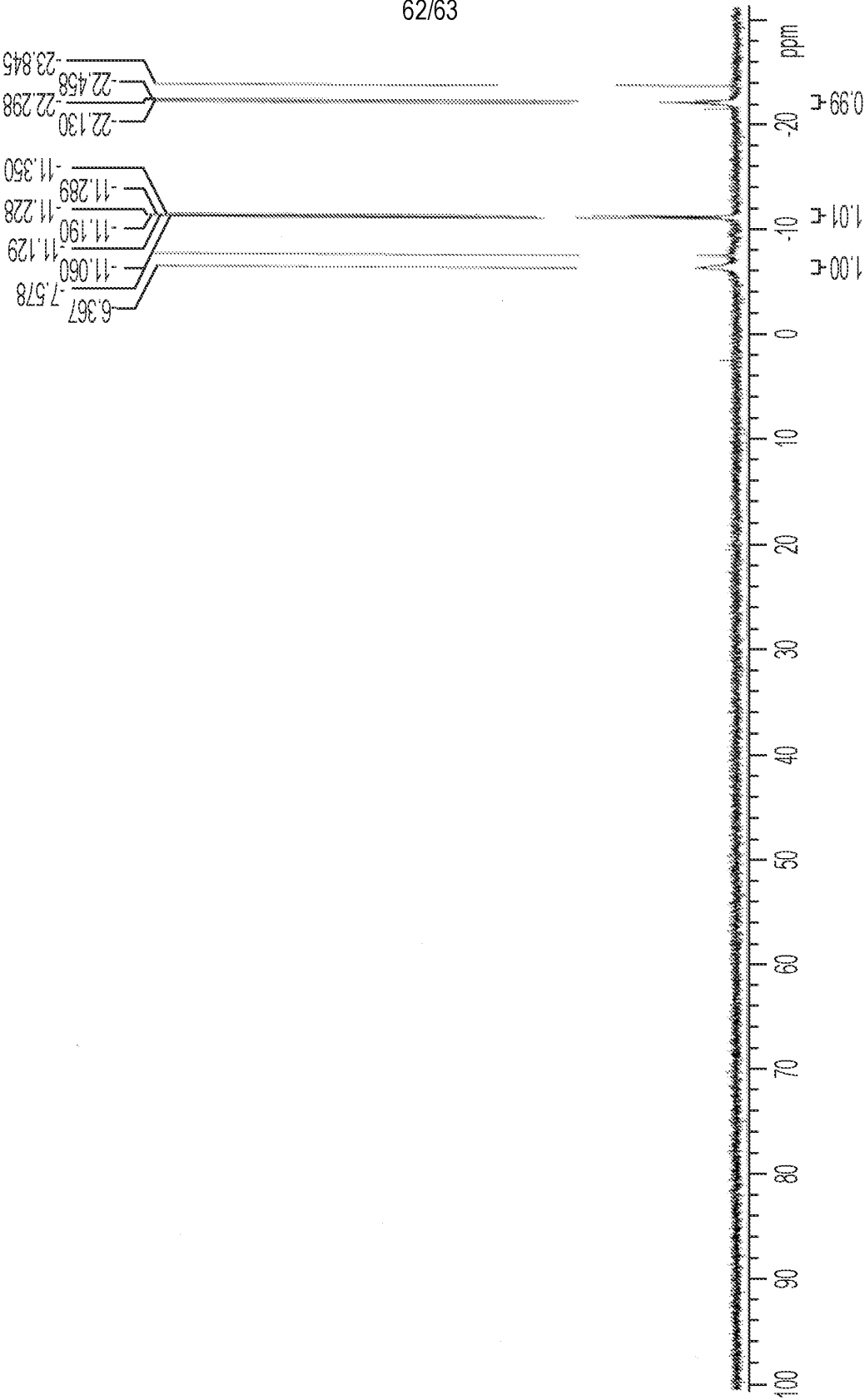


FIG. 61

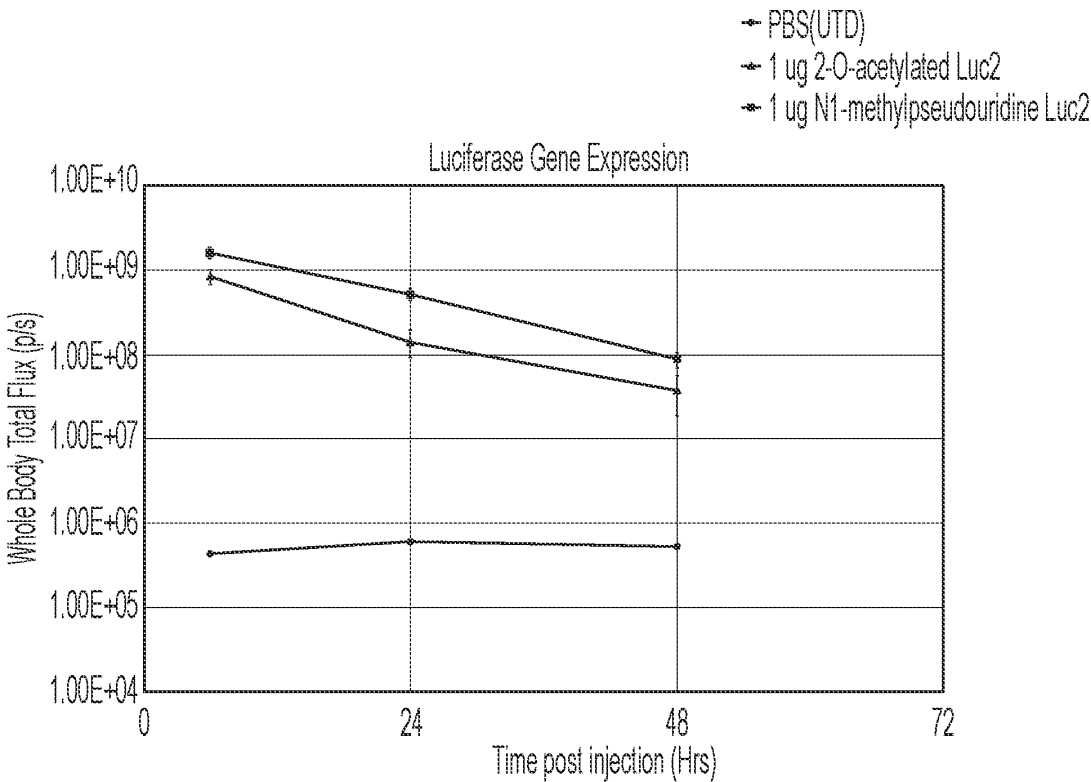


FIG. 62A

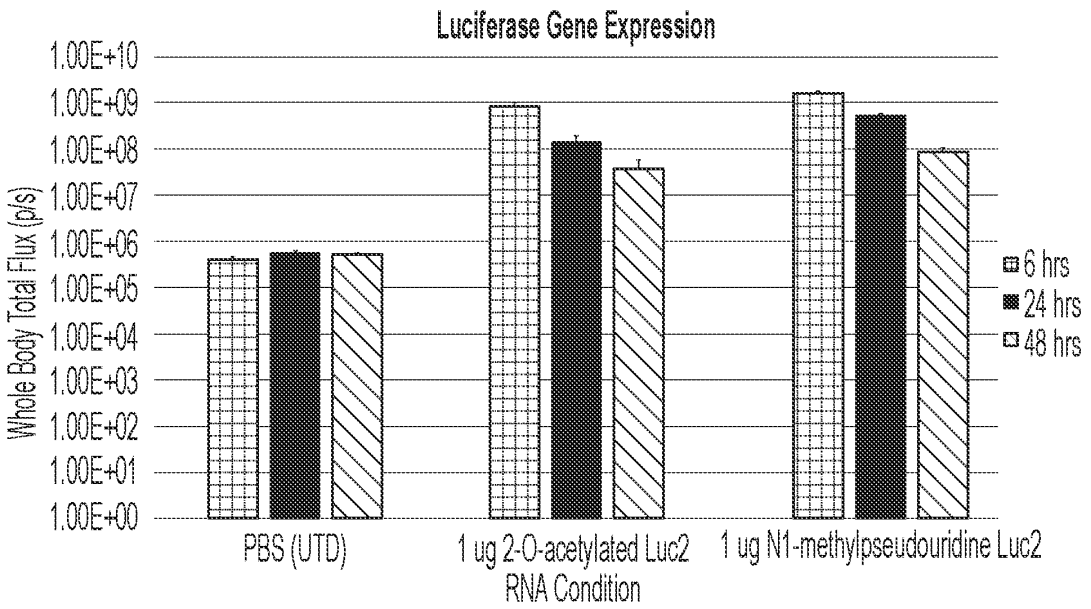


FIG. 62B