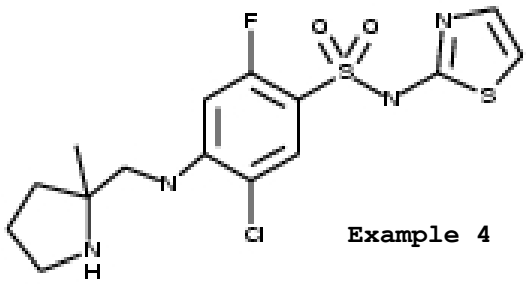
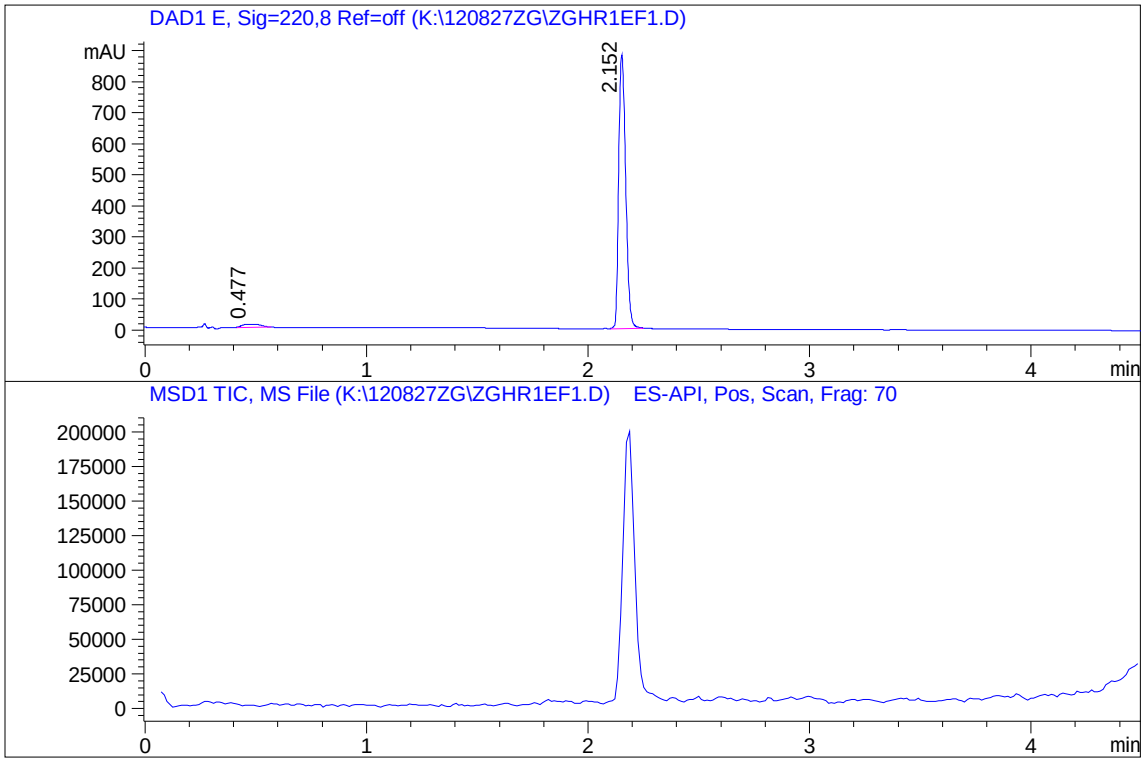
EBR0084_C320_A_001 MW:404.9



Example 4

==========

Injection Date : Mon, 27. Aug. 2012
Acq Operator : AL260
Location : P1-E-06
Inj. Vol. : 5.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB01-G.M
Data Filename : K:\120827ZG\ZGHR1EF1.D
LC-MS



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Report

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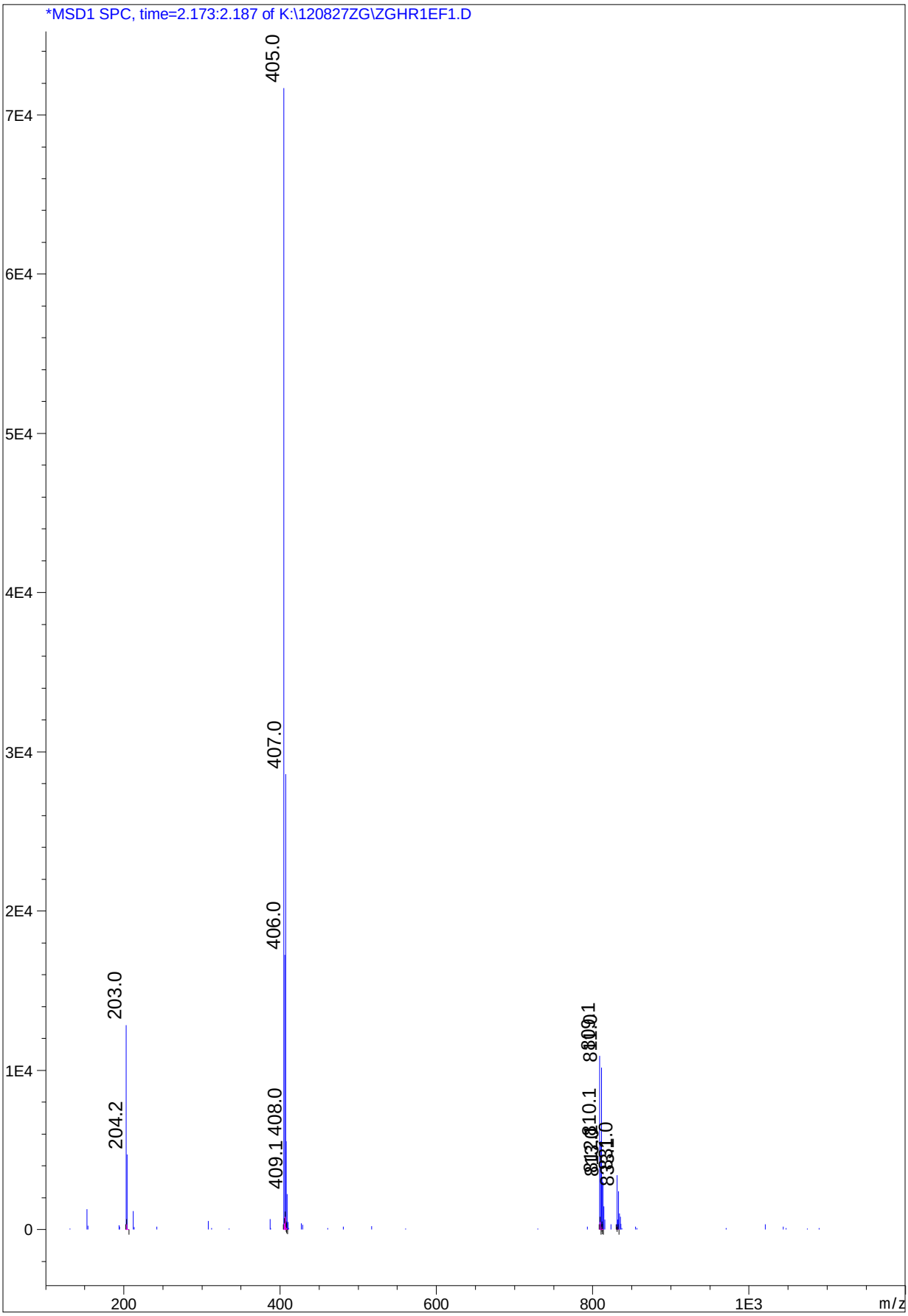
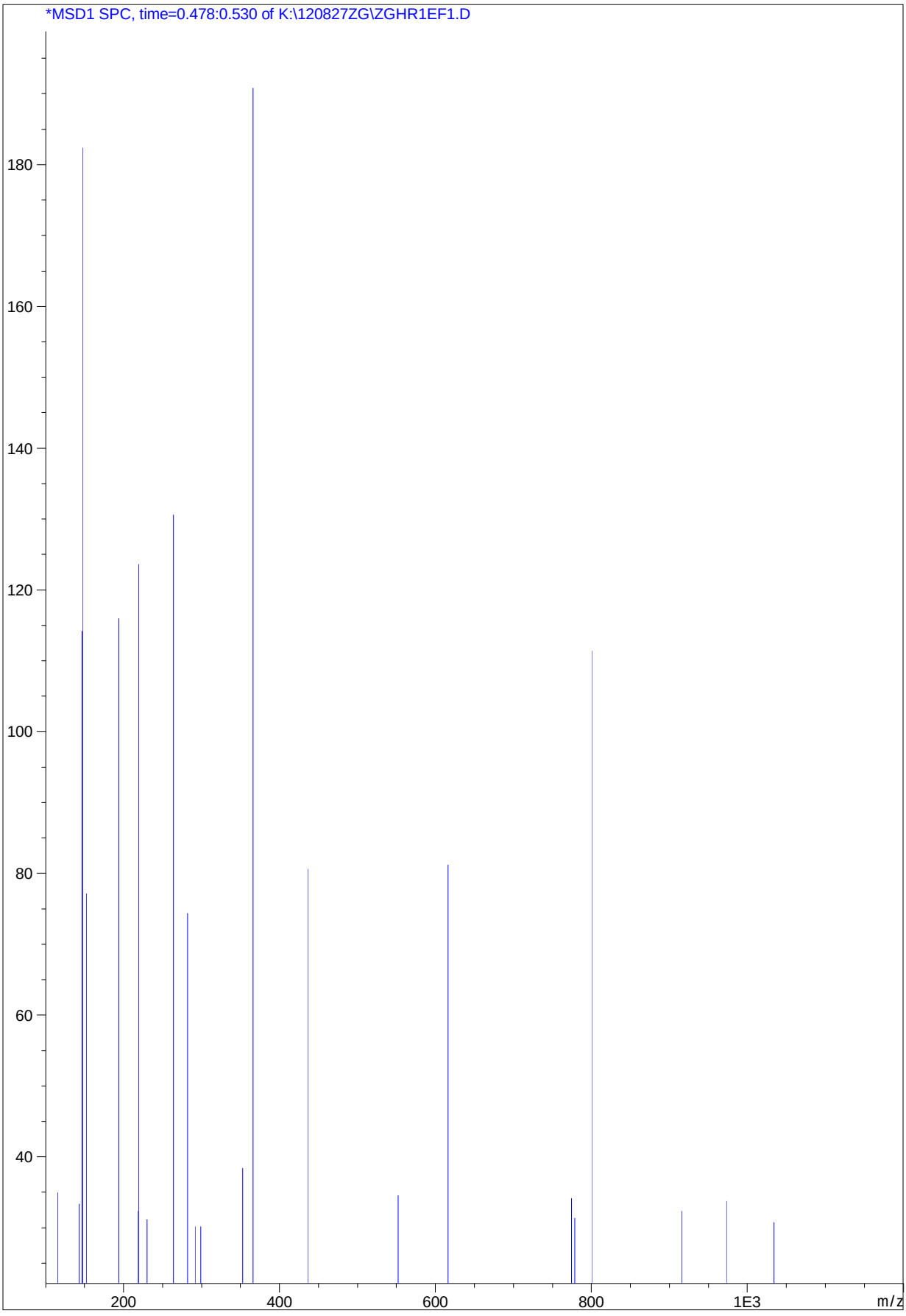
Signal 1 : DAD1 E, Sig=220,8 Ref=off

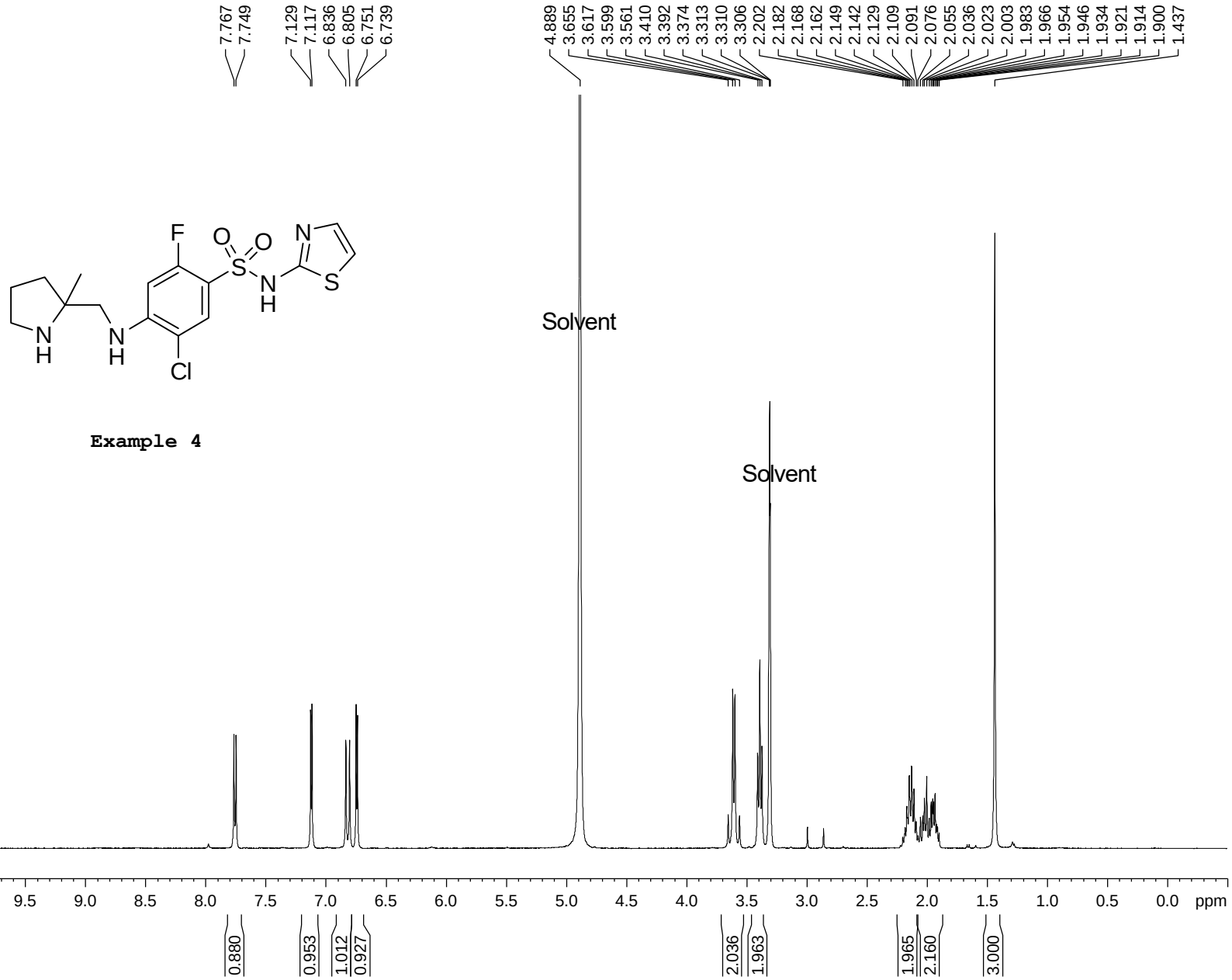
Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	0.477	57.547	10.031	1.125	0.096	2.890
2	2.152	1933.484	881.428	98.875	0.035	97.110


*MSD1 SPC, time=2.173:2.187 of K:\120827ZG\ZGHR1EF1.D
405.0
407.0
406.0
203.0
204.2
408.0
409.1
809.1
810.1
811.0
7E4
6E4
5E4
4E4
3E4
2E4
1E4
0
200
400
600
800
1E3
m/z


*MSD1 SPC, time=0.478:0.530 of K:\120827ZG\ZGHR1EF1.D
180
160
140
120
100
80
60
40
200
400
600
800
1E3
m/z

Compound ID:EBR0084_C320_A_001

J000225842 H15719-096-1-A Methanol-d4 varian 400



Example 4

Current Data Parameters
NAME h15719-096-1-A
EXPNO 1
PROCNO 1

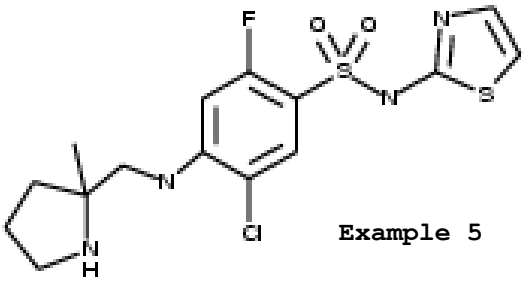
F2 - Acquisition Parameters
Date_ 20120828
INSTRUM varian
PULPROG s2pul
TD 26264
SOLVENT MeOD
NS 8
DS 0
SWH 6410.256 Hz
FIDRES 0.244070 Hz
AQ 2.0486419 sec
RG 4
DW 78.000 usec
DE 115.71 usec
TE 353.0 K
D1 2.00000000 sec
TD0 1

======== CHANNEL f1 ========
NUC1 1H
P1 7.80 usec
PL1 120.00 dB
SFO1 399.8853041 MHz

F2 - Processing parameters
SI 32768
SF 399.8828960 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Operator: Date:

EBR0084_C320_B_001 MW:404.9



Example 5

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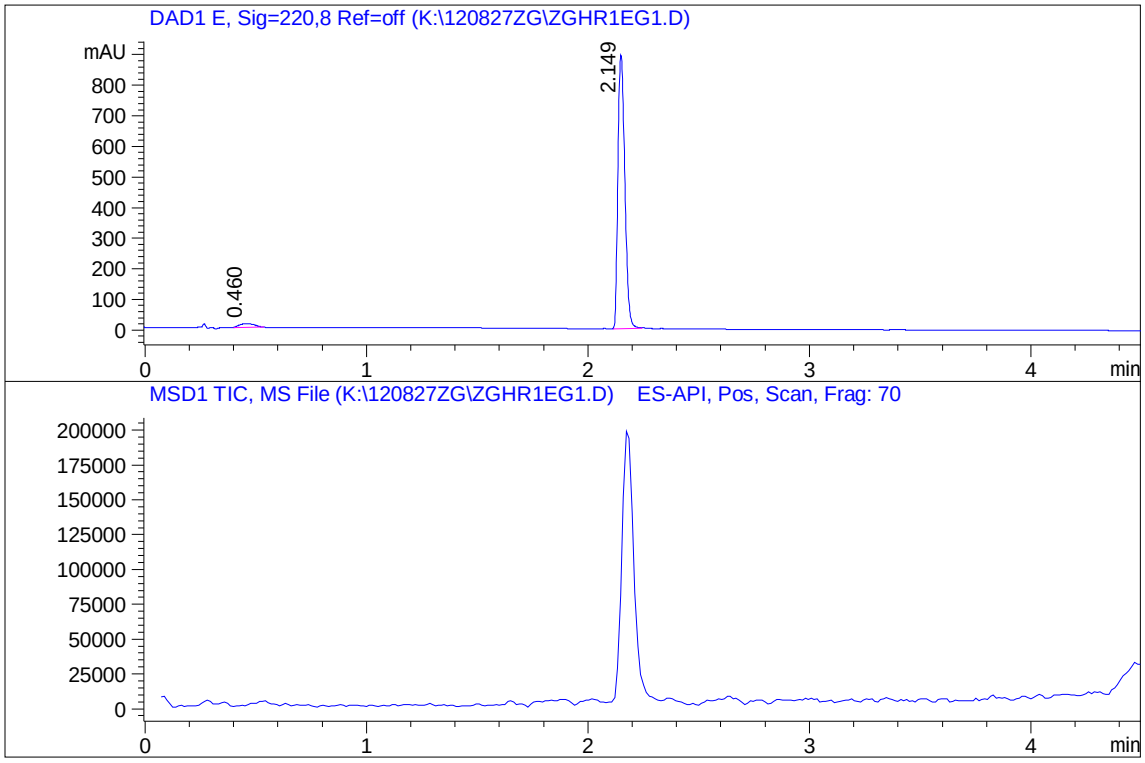
Injection Date : Mon, 27. Aug. 2012
Acq Operator : AL260
Location : P1-E-07
Inj. Vol. : 5.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB01-G.M
Data Filename : K:\120827ZG\ZGHR1EG1.D
LC-MS



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Report

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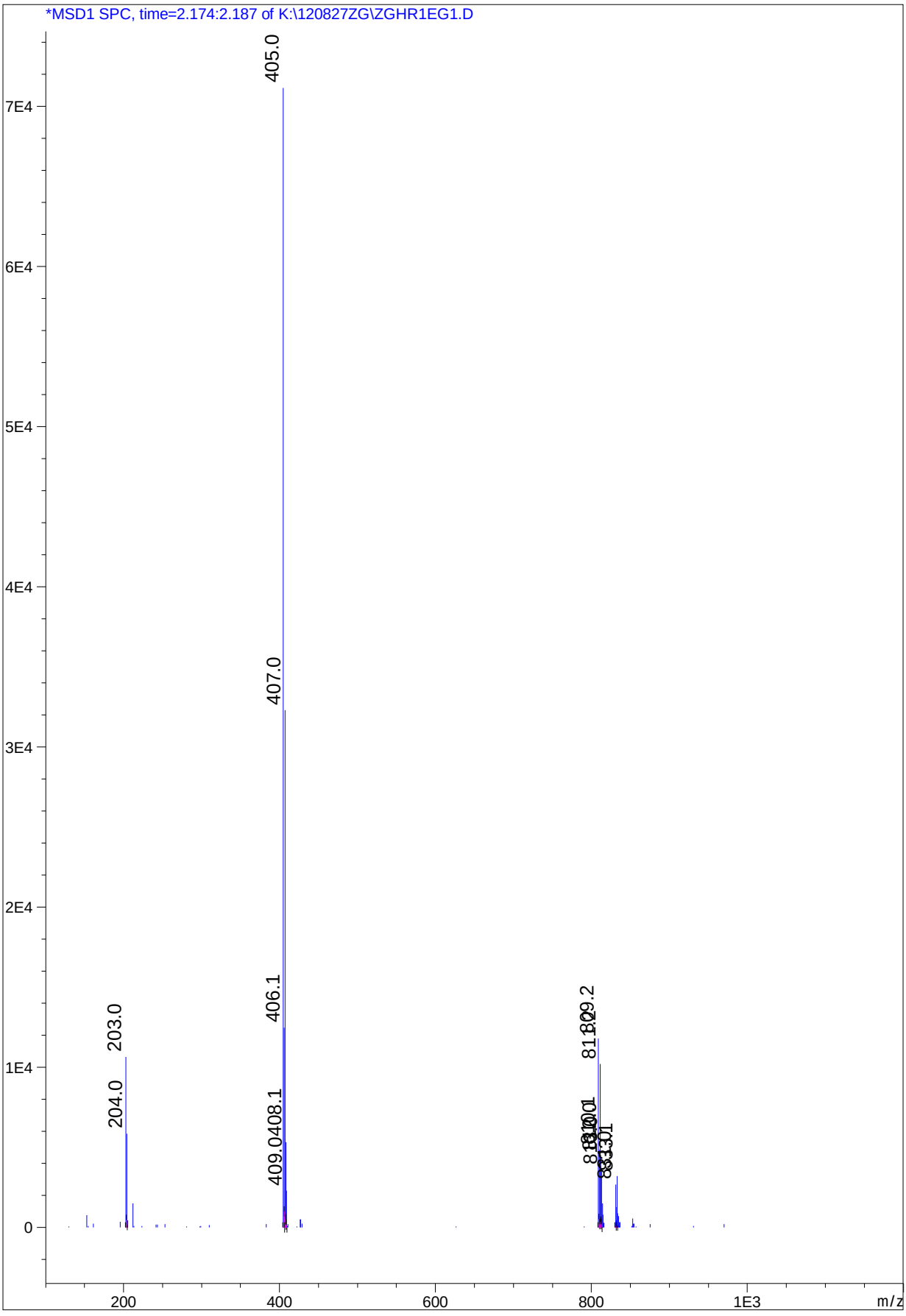
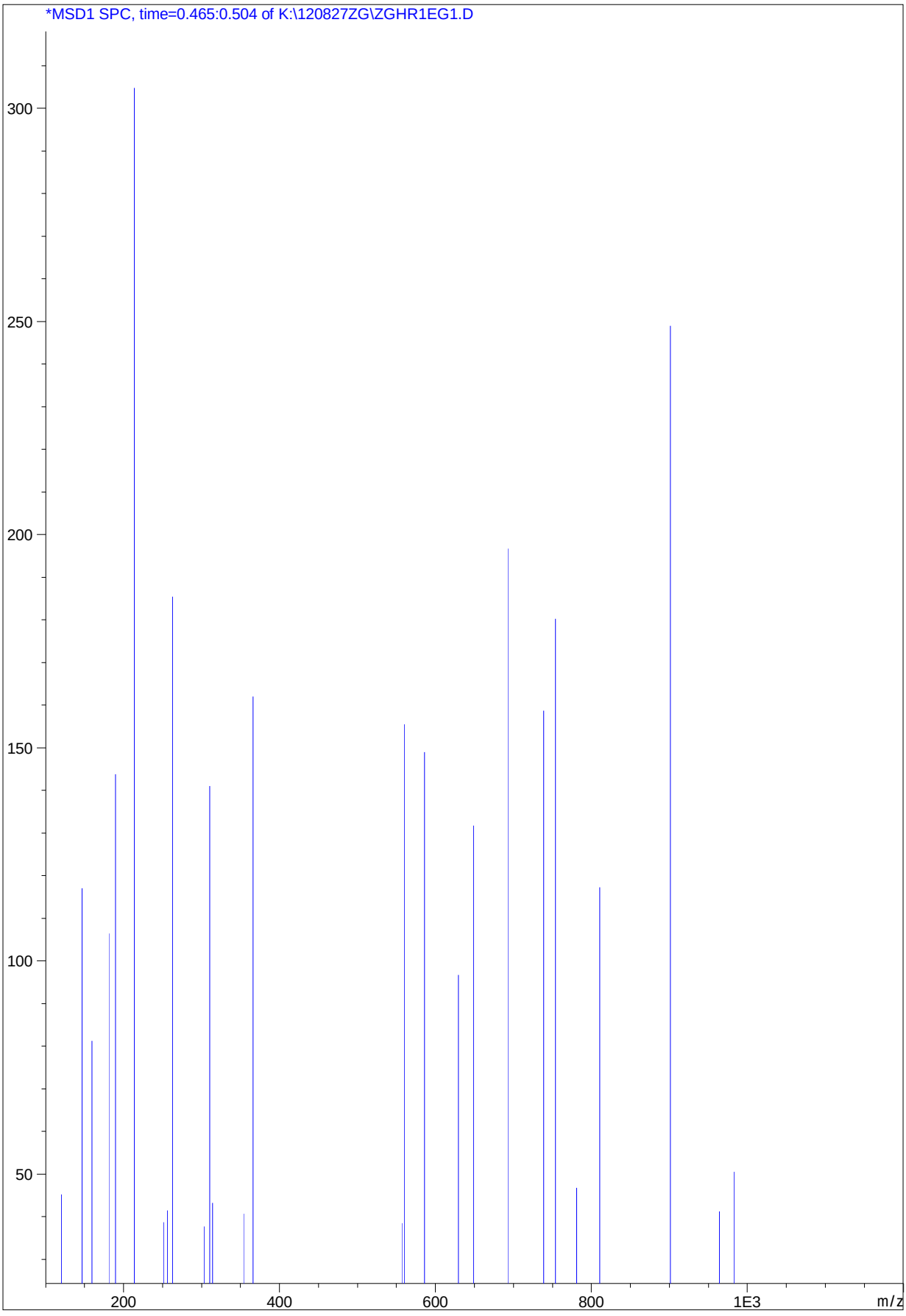
Signal 1 : DAD1 E, Sig=220,8 Ref=off

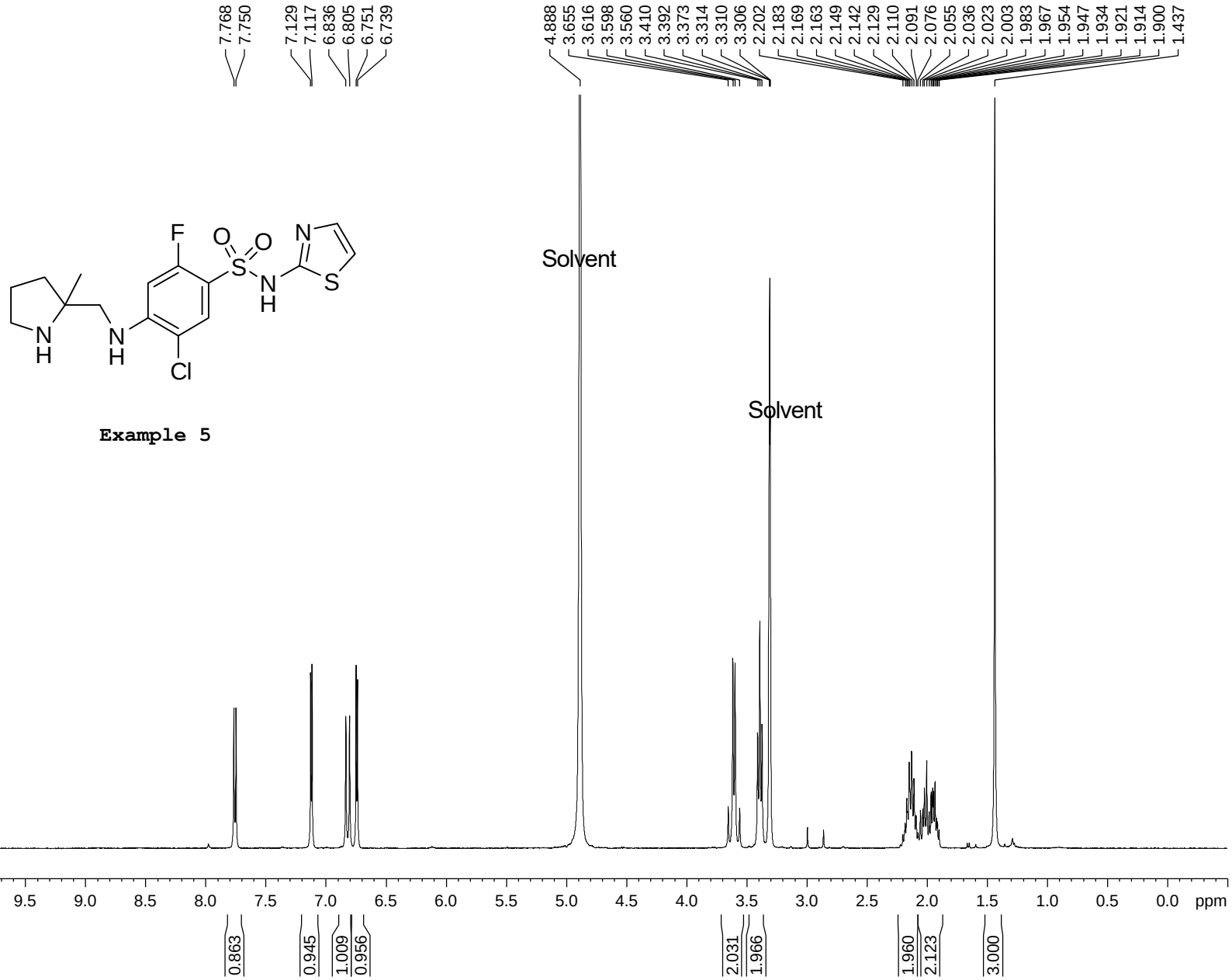
Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	0.460	55.868	11.554	1.276	0.081	2.808
2	2.149	1934.002	893.912	98.724	0.035	97.192


*MSD1 SPC, time=2.174:2.187 of K:\120827ZG\ZGHR1EG1.D
405.0
407.0
406.1
203.0
204.0
408.1
409.0
7E4
6E4
5E4
4E4
3E4
2E4
1E4
0
200
400
600
800
1E3
m/z


*MSD1 SPC, time=0.465:0.504 of K:\120827ZG\ZGHR1EG1.D
300
250
200
150
100
50
200
400
600
800
1E3
m/z

Compound ID:EBR0084_C320_B_001

J000225844 H15719-096-1-B Methanol-d4 varian 400



Example 5

Current Data Parameters
NAME h15719-096-1-B
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120828
INSTRUM varian
PULPROG s2pul
TD 26264
SOLVENT MeOD
NS 8
DS 0
SWH 6410.256 Hz
FIDRES 0.244070 Hz
AQ 2.0486419 sec
RG 4
DW 78.000 usec
DE 115.71 usec
TE 353.0 K
D1 2.00000000 sec
TD0 1

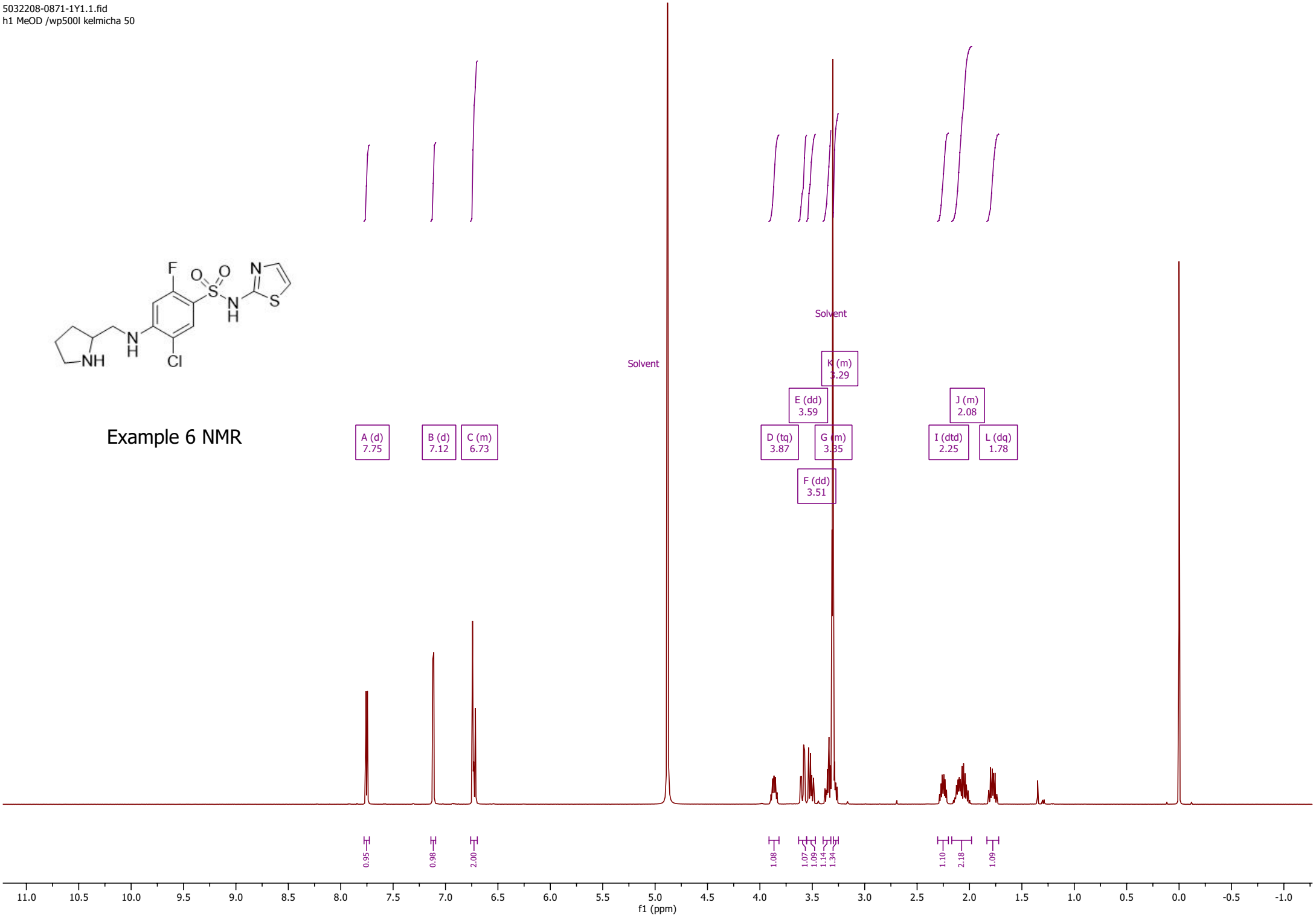
======== CHANNEL f1 ========
NUC1 1H
P1 7.80 usec
PL1 120.00 dB
SFO1 399.8853041 MHz

F2 - Processing parameters
SI 32768
SF 399.8828960 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Operator: Date:

5032208-0871-1Y1.1.fid
h1 MeOD /wp500l kelmicha 50

Example 6 NMR

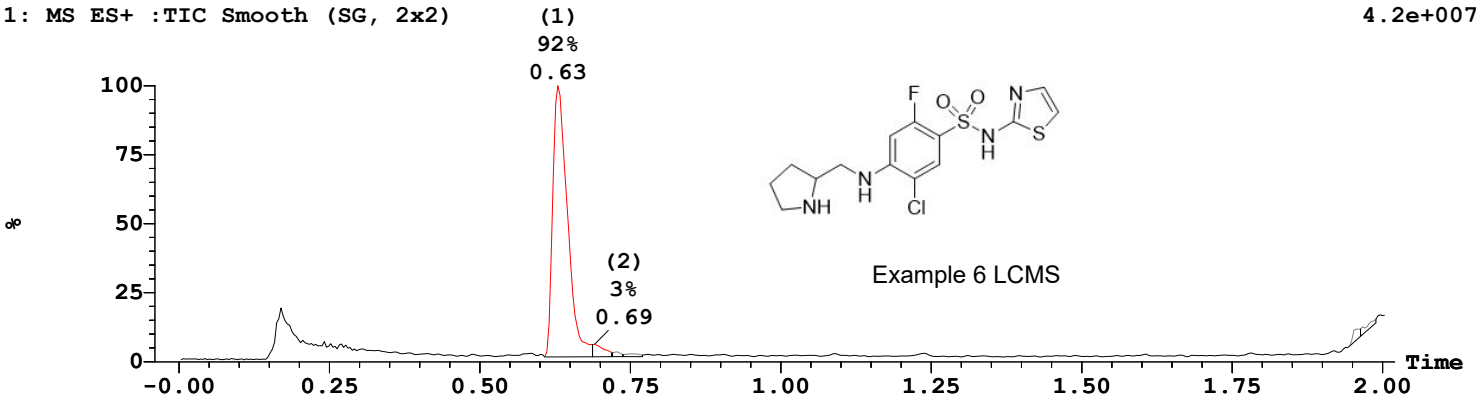


Sample: 1 Vial:1:12 ID:L-871 15h23m01s
File:L-871 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:33:24
Description:

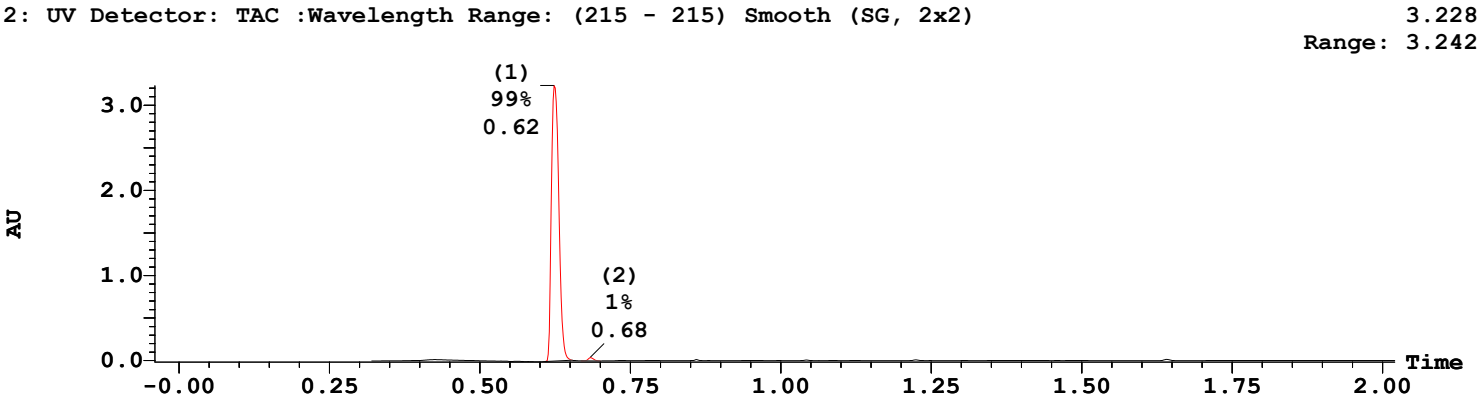
Printed: Mon Dec 21 16:11:59 2020

Sample Report:

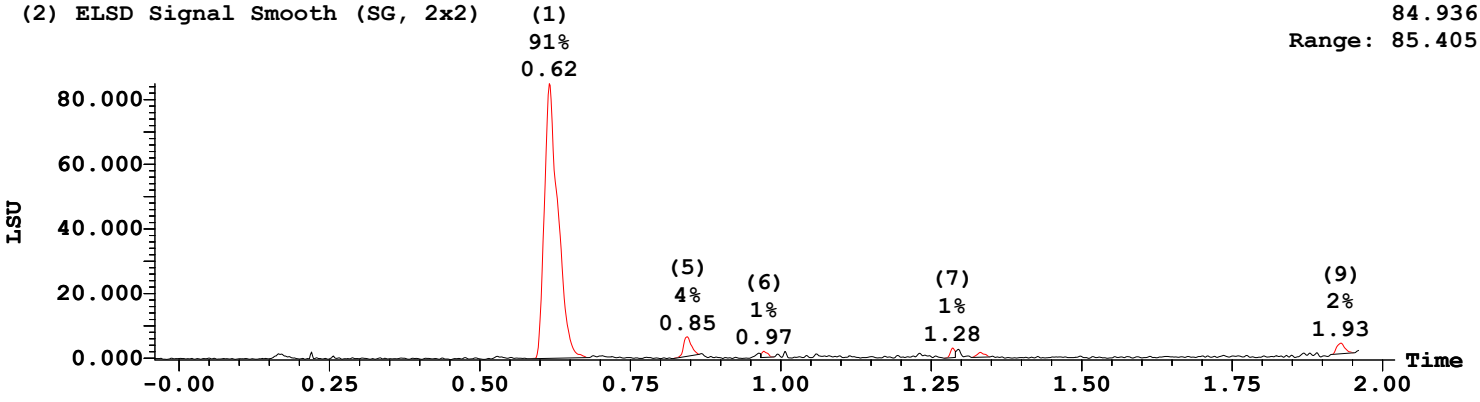
Sample 1 Vial 1:12 ID L-871 15h23m01s File L-871 15h23m01s 15h23m41s Date 09-Nov-2020 Time 15:33:24 Description



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.63	1e+006	91.79	0	4e+007	Not Found
2		0.69	4e+004	3.29	0	2e+006	Not Found
3		0.73	1e+004	0.81	0	7e+005	
4		0.75	1e+004	0.89	0	4e+005	
10		1.96	2e+004	1.69	0	2e+006	
11		1.99	2e+004	1.53	0	6e+005	



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.62	5e+004	99.14	0	3e+006	Not Found
2		0.68	4e+002	0.86	0	4e+004	Not Found



Sample: 1 Vial:1:12 ID:L-871 15h23m01s
File:L-871 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:33:24
Description:

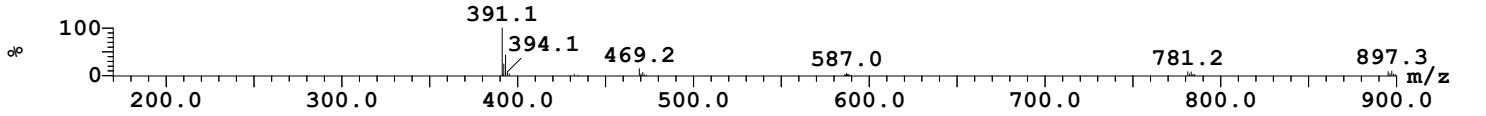
Printed: Mon Dec 21 16:11:59 2020

Sample Report (continued):

Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.62	2e+003	91.38	0	8e+004	Not Found
5		0.85	9e+001	3.72	0	6e+003	Not Found
6		0.97	2e+001	0.87	0	2e+003	Not Found
7		1.28	2e+001	0.99	0	3e+003	Not Found
8		1.33	2e+001	0.88	0	1e+003	Not Found
9		1.93	5e+001	2.16	0	3e+003	Not Found

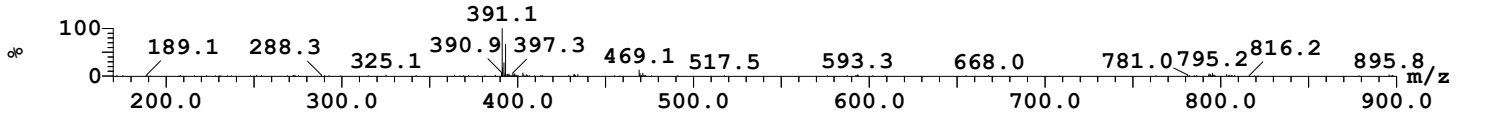
Peak ID	Compound	Time	Mass Found
1		0.63	Not Found

1:(Time: 0.62) Combine (168:179-(149:154+196:201)) 1:MS ES+ 7.3e+006



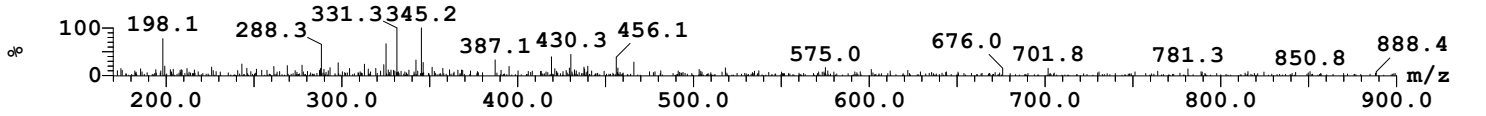
Peak ID	Compound	Time	Mass Found
2		0.69	Not Found

2:(Time: 0.68) Combine (184:196-(166:172+208:214)) 1:MS ES+ 2.2e+005



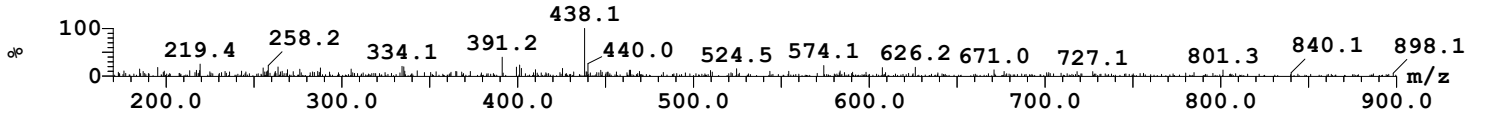
Peak ID	Compound	Time	Mass Found
5		0.85	Not Found

5:(Time: 0.85) Combine (229:240-(209:214+254:260)) 1:MS ES+ 1.2e+004



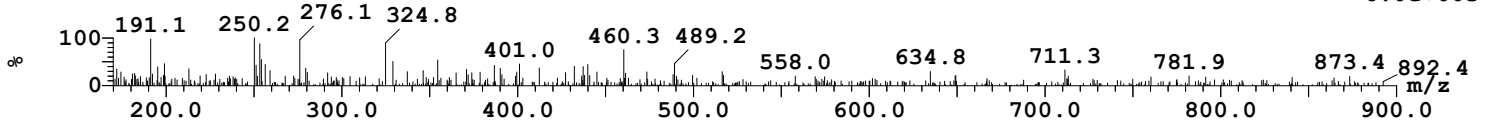
Peak ID	Compound	Time	Mass Found
6		0.97	Not Found

6:(Time: 0.97) Combine (264:276-(249:255+288:294)) 1:MS ES+ 1.4e+004



Peak ID	Compound	Time	Mass Found
7		1.28	Not Found

7:(Time: 1.28) Combine (351:362-(334:339+372:378)) 1:MS ES+ 6.0e+003



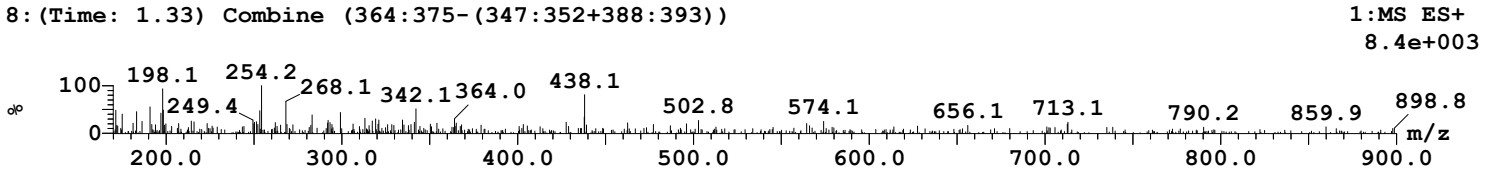
Sample: 1 Vial:1:12 ID:L-871 15h23m01s
File:L-871 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:33:24
Description:

Printed: Mon Dec 21 16:11:59 2020

Sample Report (continued):

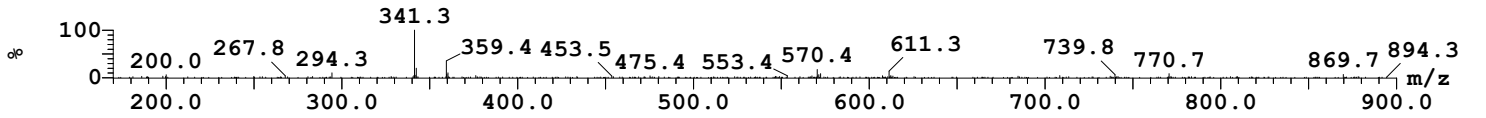
Peak ID	Compound	Time	Mass Found
8		1.33	Not Found

8:(Time: 1.33) Combine (364:375-(347:352+388:393))



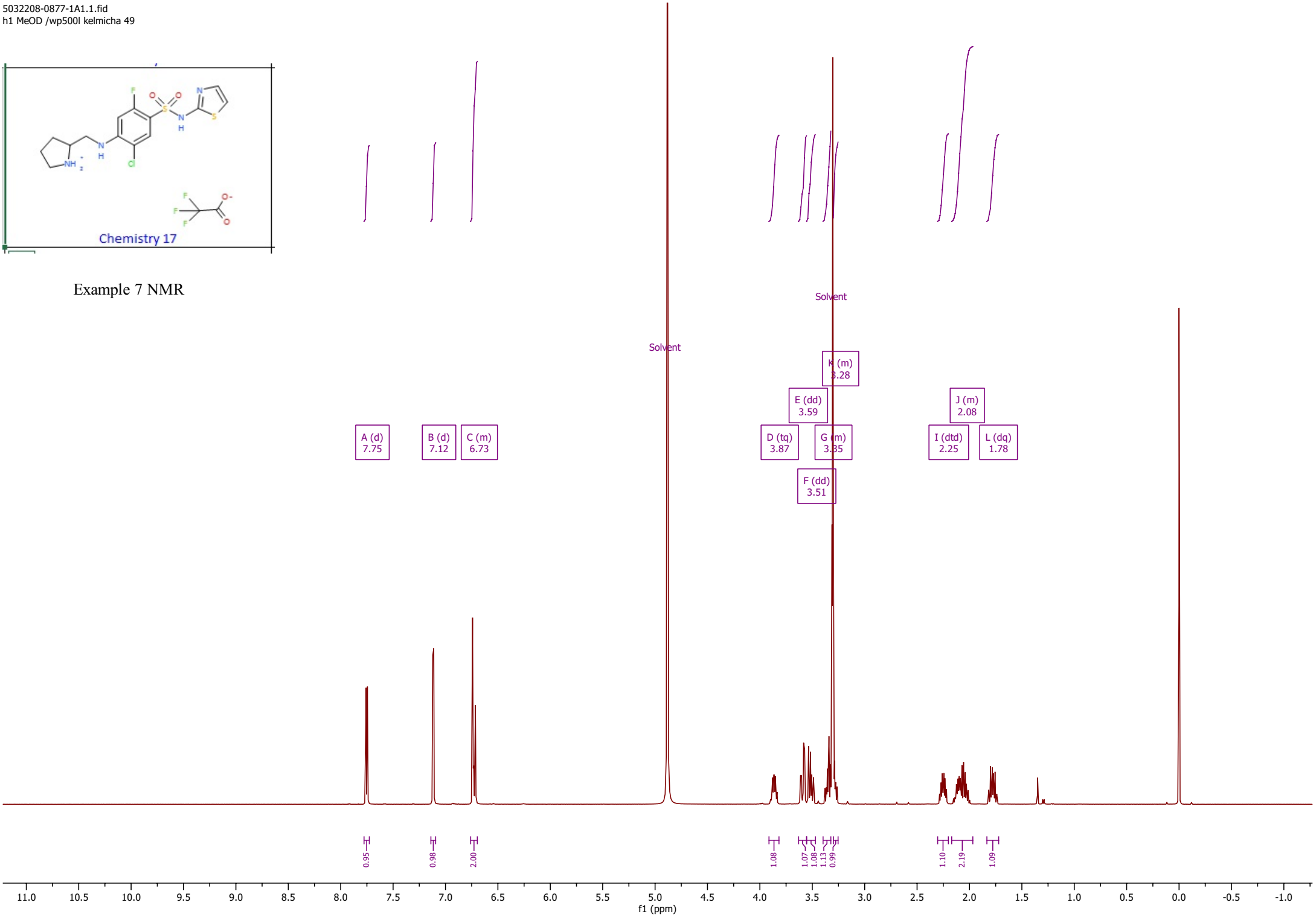
Peak ID	Compound	Time	Mass Found
9		1.93	Not Found

9:(Time: 1.93) Combine (530:541-(513:518+556))



5032208-0877-1A1.1.fid
h1 MeOD /wp500l kelmicha 49

Example 7 NMR

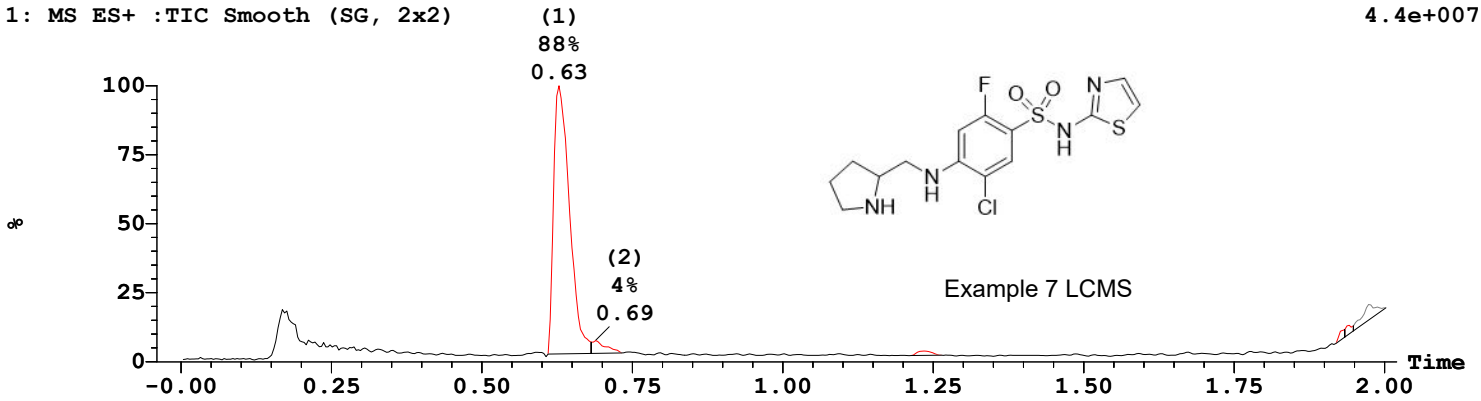


Sample: 1 Vial:1:10 ID:L-877 15h23m01s
File:L-877 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:25:14
Description:

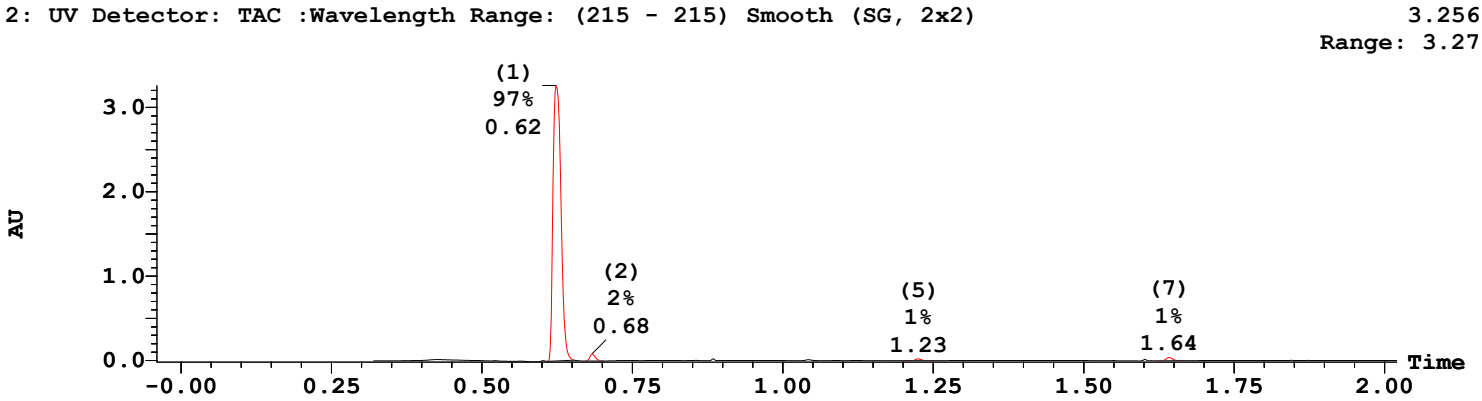
Printed: Mon Dec 21 16:13:53 2020

Sample Report:

Sample 1 Vial 1:10 ID L-877 15h23m01s File L-877 15h23m01s 15h23m41s Date 09-Nov-2020 Time 15:25:14 Description



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.63	1e+006	88.35	0	4e+007	Not Found
2		0.69	5e+004	3.66	0	2e+006	Not Found
5		1.23	2e+004	1.32	0	7e+005	Not Found
9		1.93	1e+004	1.00	0	1e+006	Not Found
9		1.94	2e+004	1.16	0	1e+006	Not Found
10		1.97	7e+004	4.52	0	3e+006	

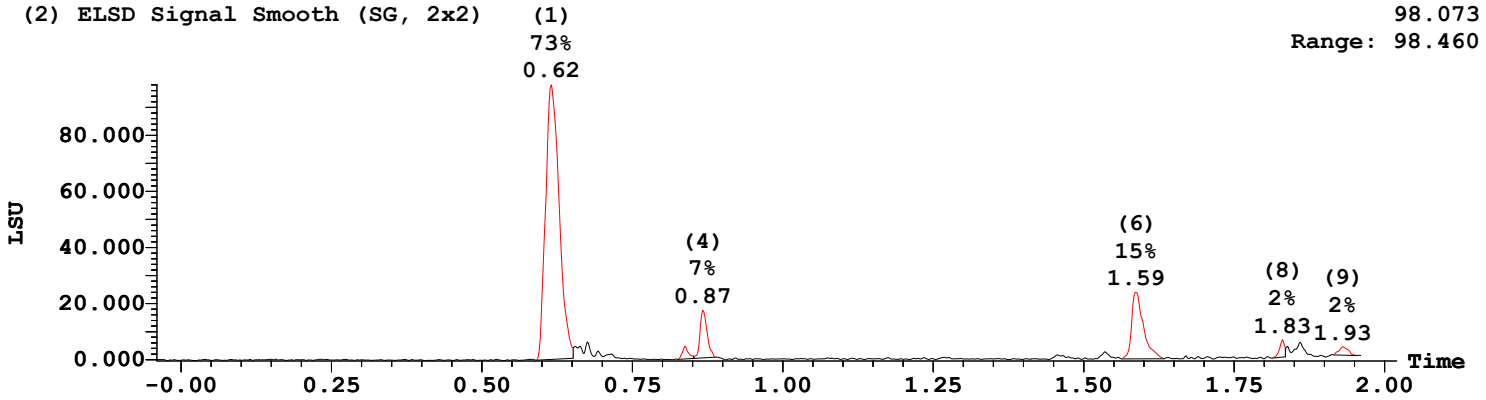


Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.62	5e+004	96.76	0	3e+006	Not Found
2		0.68	9e+002	1.72	0	8e+004	Not Found
5		1.23	3e+002	0.54	0	2e+004	Not Found
7		1.64	5e+002	0.98	0	4e+004	Not Found

Sample: 1 Vial:1:10 ID:L-877 15h23m01s
File:L-877 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:25:14
Description:

Printed: Mon Dec 21 16:13:53 2020

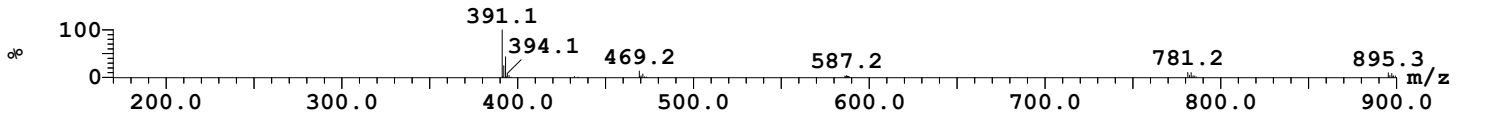
Sample Report (continued):



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1		0.62	3e+003	73.32	0	1e+005	Not Found
3		0.84	5e+001	1.49	0	4e+003	Not Found
4		0.87	2e+002	6.62	0	2e+004	Not Found
6		1.59	5e+002	15.42	0	2e+004	Not Found
8		1.83	6e+001	1.62	0	6e+003	Not Found
9		1.93	5e+001	1.52	0	3e+003	Not Found

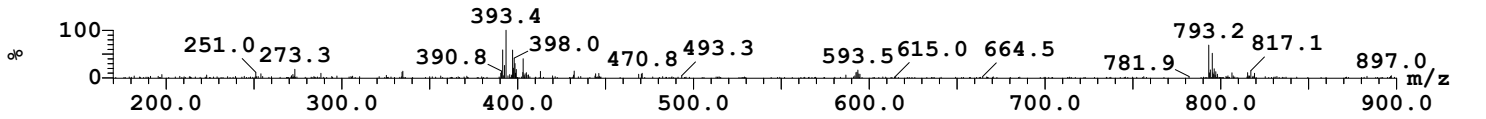
Peak ID	Compound	Time	Mass Found
1		0.63	Not Found

1:(Time: 0.62) Combine (168:179-(150:156+196:202))



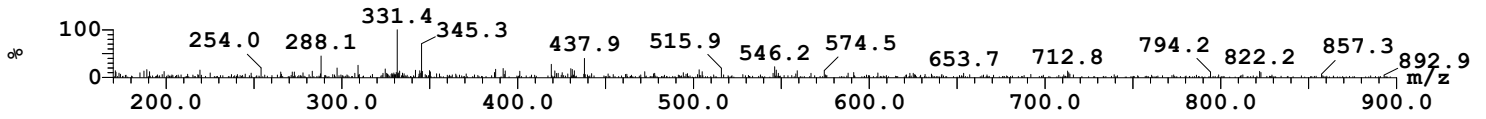
Peak ID	Compound	Time	Mass Found
2		0.69	Not Found

2:(Time: 0.68) Combine (185:196-(168:173+209:215))



Peak ID	Compound	Time	Mass Found
3		0.84	Not Found

3:(Time: 0.84) Combine (227:239-(210:216+251:257))



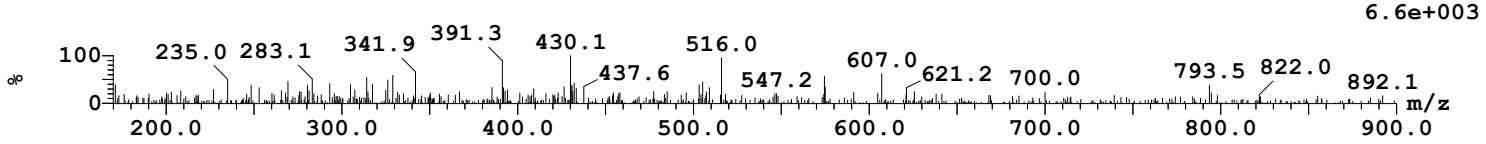
Sample: 1 Vial:1:10 ID:L-877 15h23m01s
File:L-877 15h23m01s 15h23m41s Date:09-Nov-2020 Time:15:25:14
Description:

Printed: Mon Dec 21 16:13:53 2020

Sample Report (continued):

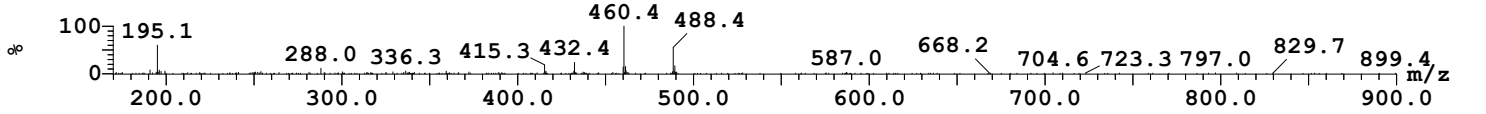
Peak ID	Compound	Time	Mass Found
4		0.87	Not Found

4:(Time: 0.87) Combine (236:247-(218:223+261:267)) 1:MS ES+ 6.6e+003



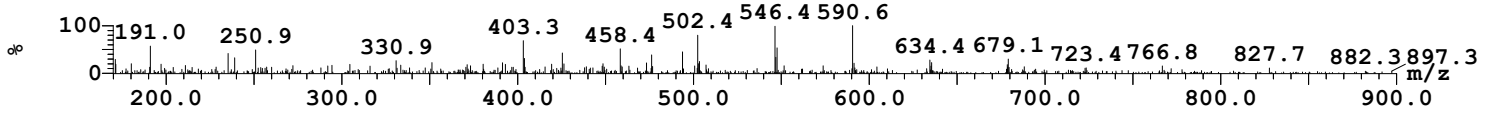
Peak ID	Compound	Time	Mass Found
5		1.23	Not Found

5:(Time: 1.23) Combine (336:347-(315:321+363:369)) 1:MS ES+ 1.0e+005



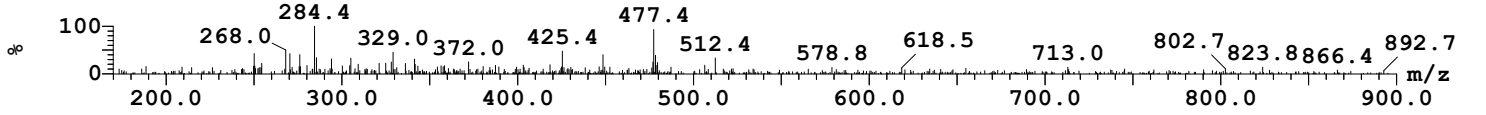
Peak ID	Compound	Time	Mass Found
6		1.59	Not Found

6:(Time: 1.59) Combine (436:447-(416:421+469:474)) 1:MS ES+ 1.4e+004



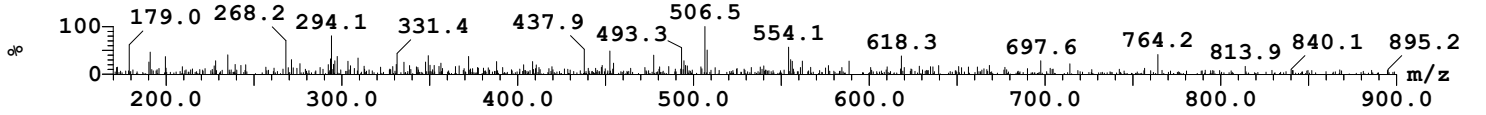
Peak ID	Compound	Time	Mass Found
7		1.64	Not Found

7:(Time: 1.64) Combine (451:463-(432:437+478:483)) 1:MS ES+ 1.3e+004



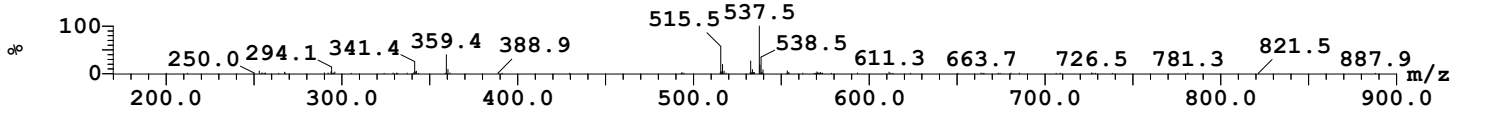
Peak ID	Compound	Time	Mass Found
8		1.83	Not Found

8:(Time: 1.83) Combine (504:515-(485:491+524:530)) 1:MS ES+ 9.4e+003

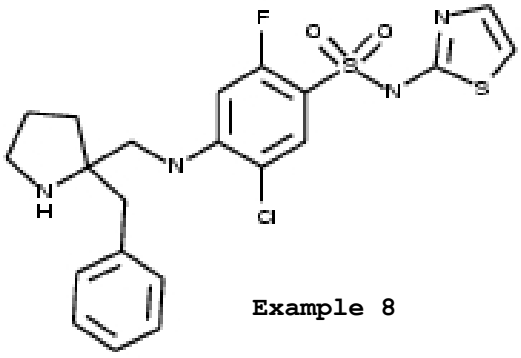


Peak ID	Compound	Time	Mass Found
9		1.93	Not Found

9:(Time: 1.93) Combine (531:543-513:519) 1:MS ES+ 5.7e+005



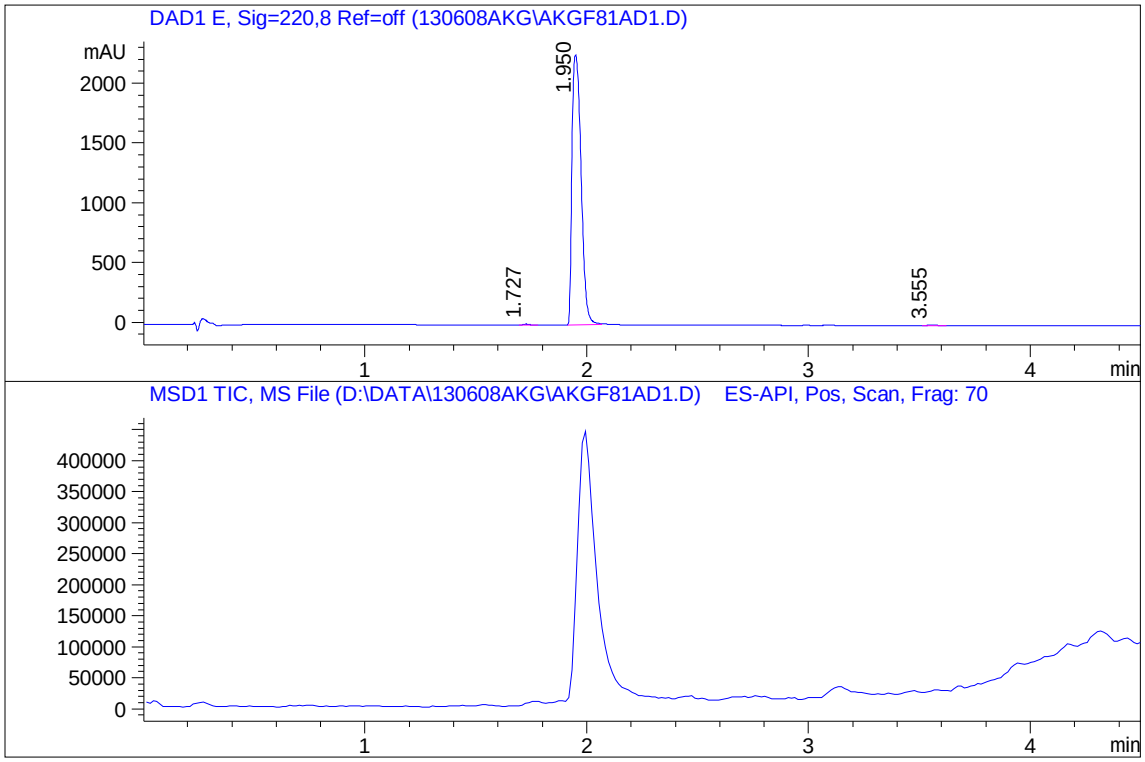
EBR0084_C711_A_002 MW:481.0



Example 8

==========

Injection Date : Sat, 8. Jun. 2013
Acq Operator : AL260
Location : P1-A-04
Inj. Vol. : 4.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB1
Data Filename : D:\DATA\130608AKG\AKGF81AD1.
LC-MS



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Report

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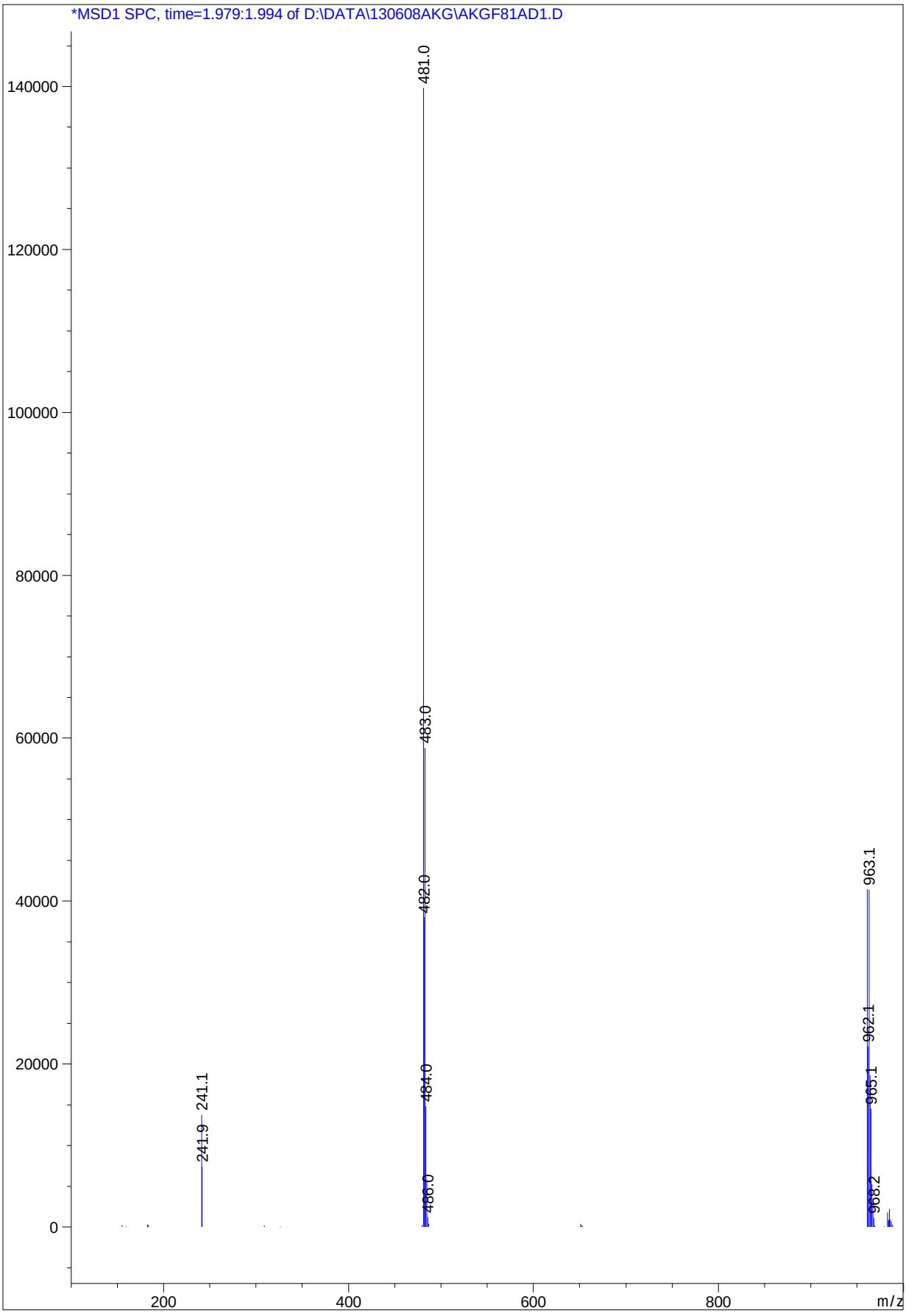
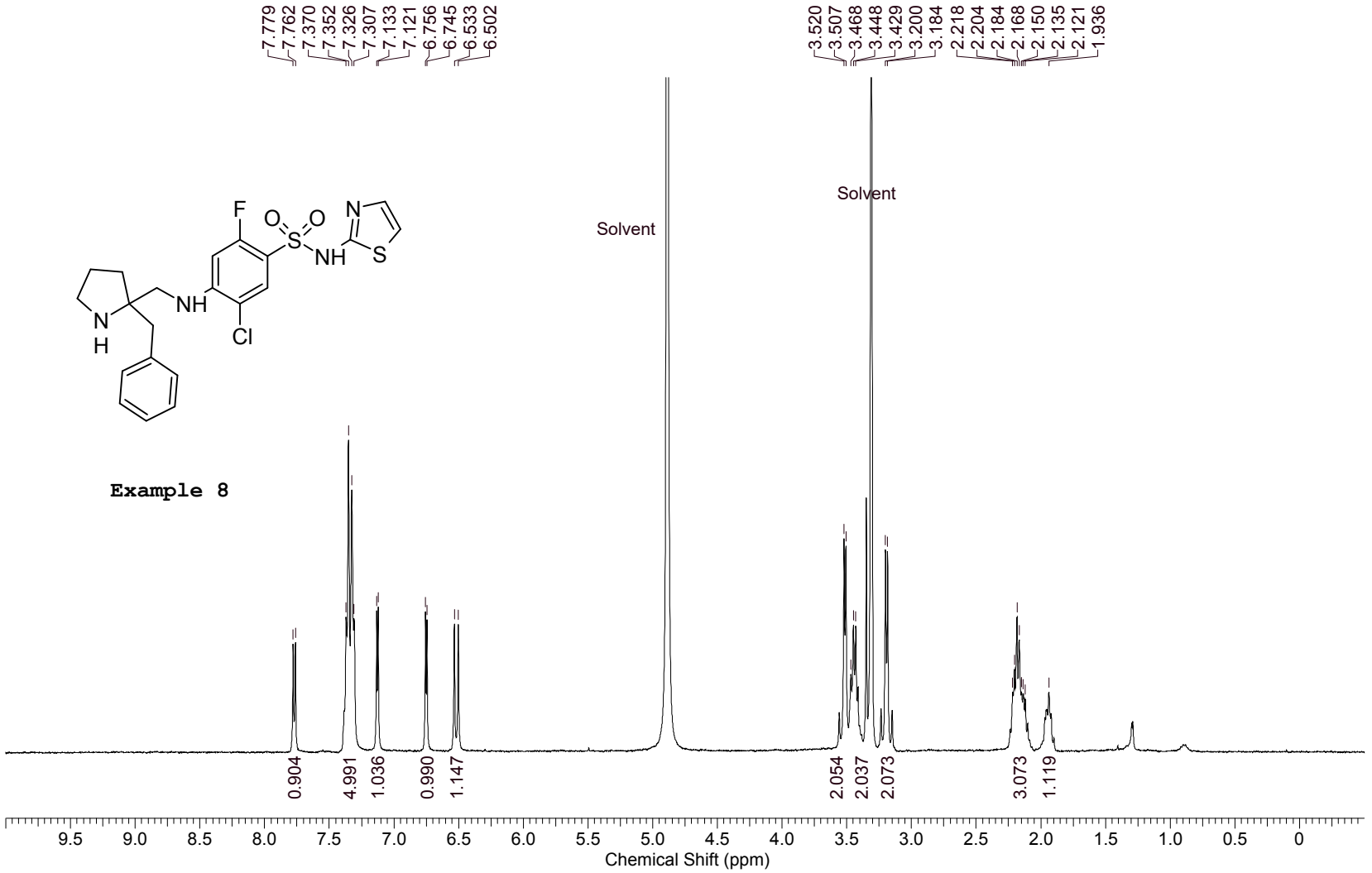
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	1.727	17.777	9.103	0.400	0.030	0.274
2	1.950	6464.316	2257.551	99.271	0.046	99.452
3	3.555	17.825	7.483	0.329	0.038	0.274


*MSD1 SPC, time=1.979:1.994 of D:\DATA\130608AKG\AKGF81AD1.D
140000
120000
100000
80000
60000
40000
20000
0
481.0
483.0
482.0
484.0
486.0
241.1
241.9
963.1
962.1
965.1
968.2
200
400
600
800
m/z

Compound ID: EBR0084_C711_A_002

J000261204 h18735-149-1 Methanol-d4 varian 400

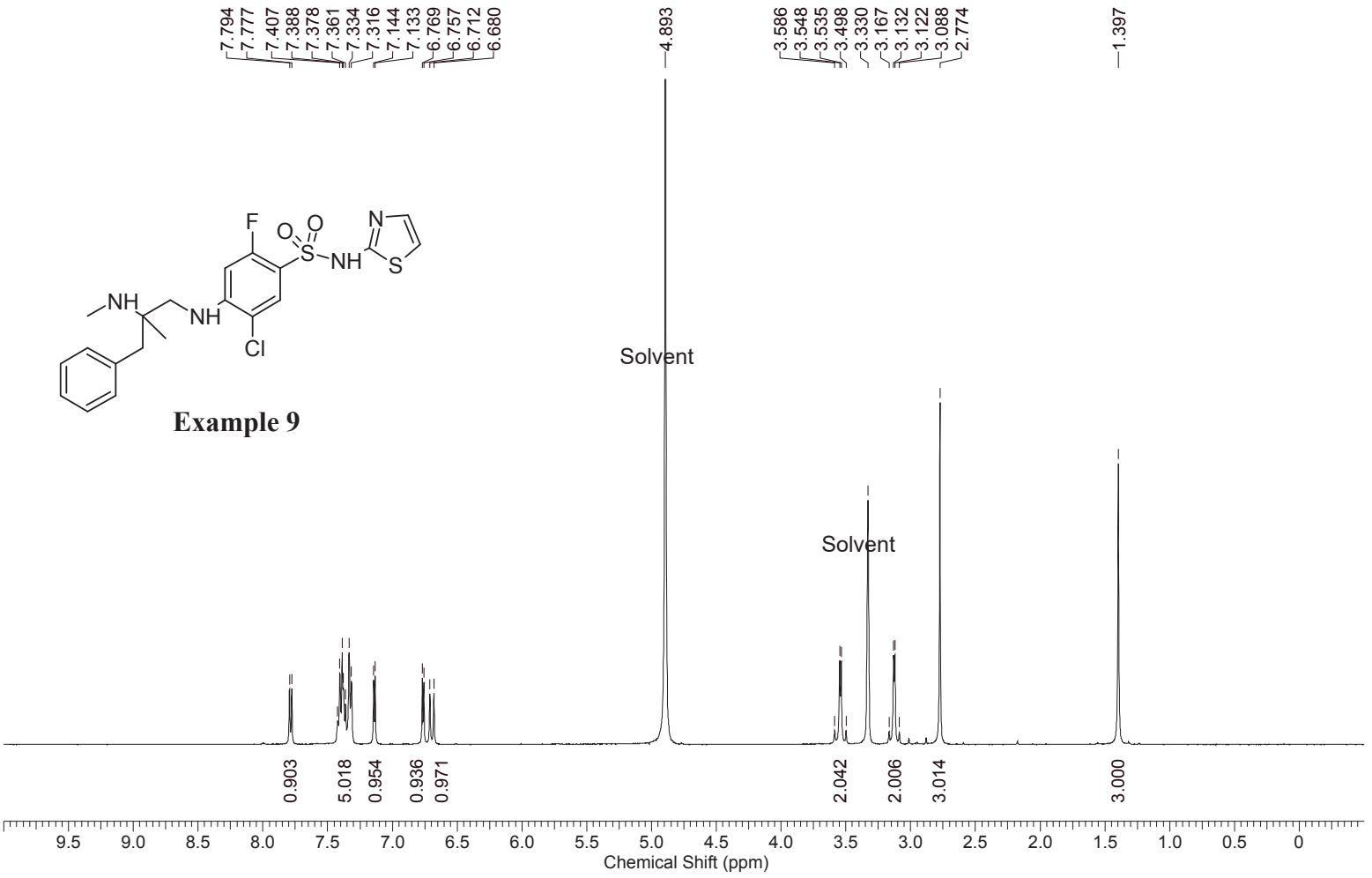


Acquisition Time (sec)	2.0486
Comment	J000261204 h18735-149-1 Methanol-d4 varian 400
Date	Jun 8 2013
Frequency (MHz)	399.74
Nucleus	1H
Number of Transients	8
Original Points Count	13132
Points Count	16384
Pulse Sequence	s2pul
Receiver Gain	60.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2401.3135
Spectrum Type	STANDARD
Sweep Width (Hz)	6410.26
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

Compound ID: EBR0084_C1270_A_001

J000298784 0355912-0045-1 Methanol-d4 400MHz



Example 9

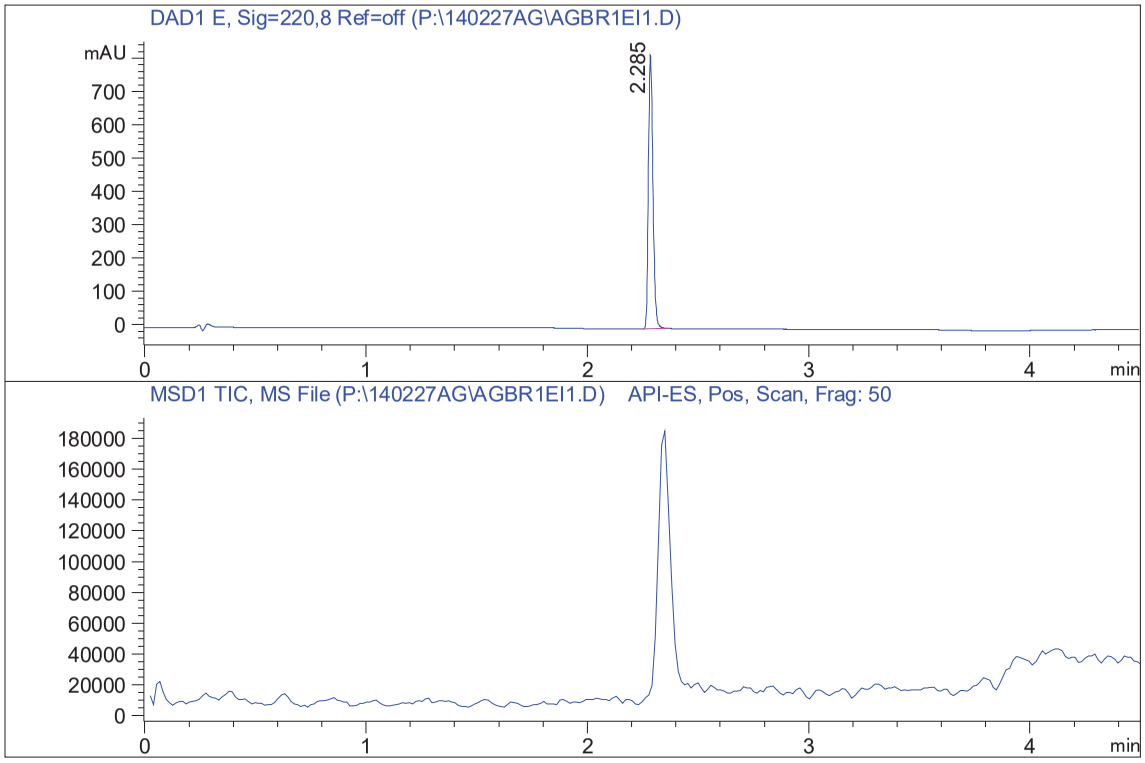
Acquisition Time (sec)	1.9923
Comment	J000298784 0355912-0045-1 Methanol-d4 400MHz
Date	27 Feb 2014 14:56:00
Frequency (MHz)	400.13
Nucleus	1H
Number of Transients	8
Origin	spect
Original Points Count	16384
Owner	nmrsu
Points Count	16384
Pulse Sequence	zg30
Receiver Gain	203.00
SW(cyclical) (Hz)	8223.68
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2470.9683
Spectrum Type	STANDARD
Sweep Width (Hz)	8223.18
Temperature (degree C)	27.000

Operator: Date:

EBR0084_C1270_A_001 MW:469.0

==========

Injection Date   : Fri, 28. Feb. 2014
Acq Operator   : AL260
Location   : P1-E-09
Inj. Vol.   : 2.0 ul
Acq Method   : C:\HPCHEM\1\METHODS\WUXIAB10.M
Data Filename   : P:\140227AG\AGBR1EI1.D
LC-MS



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Report

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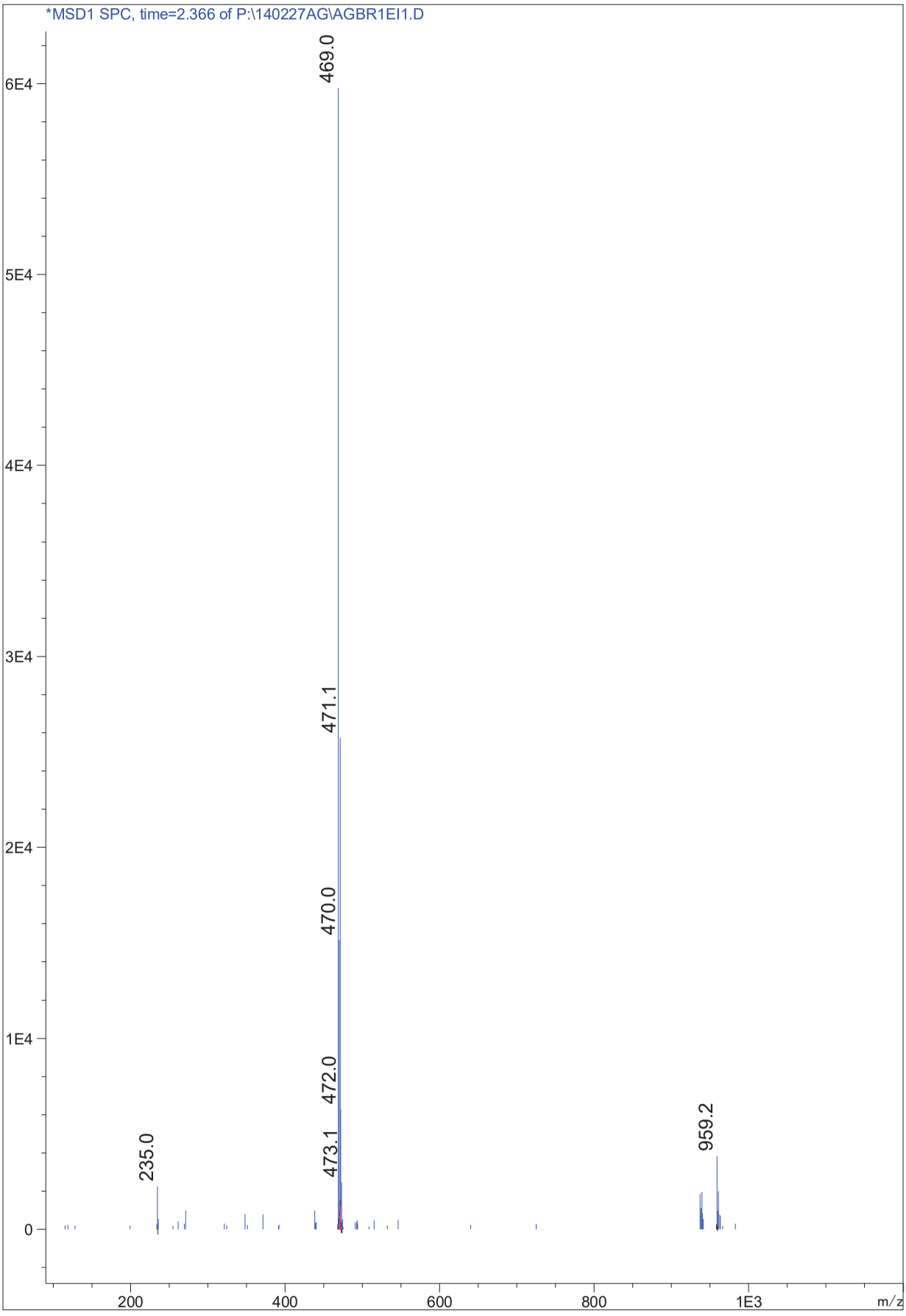
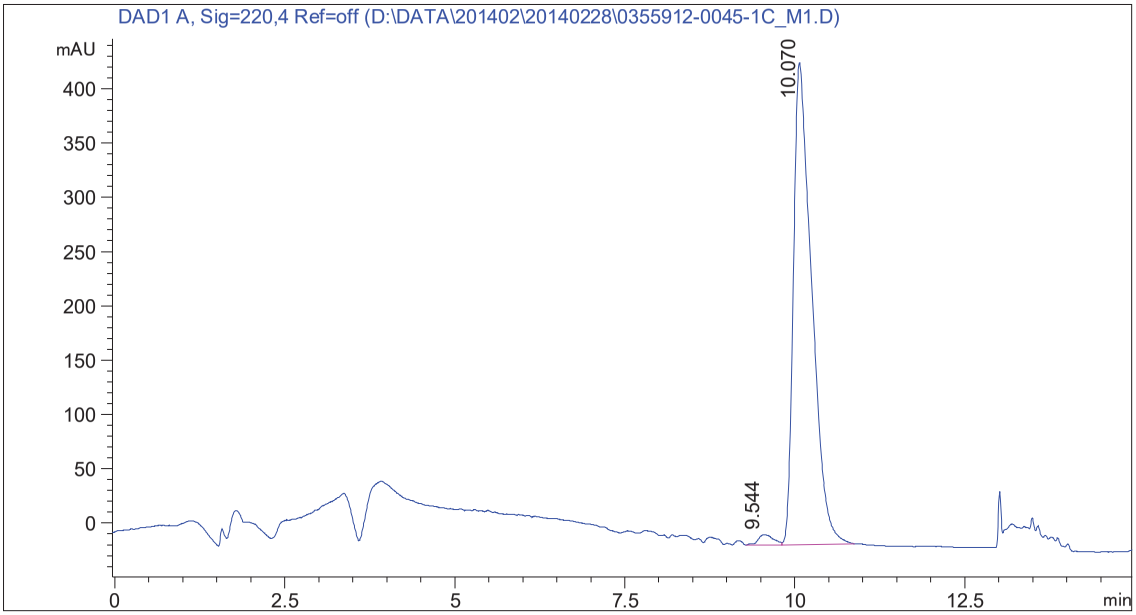
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	2.285	1181.566	823.743	100.000	0.023	100.000


*MSD1 SPC, time=2.366 of P:\140227AG\AGBR1EI1.D
469.0
471.1
470.0
472.0
473.1
235.0
959.2
6E4
5E4
4E4
3E4
2E4
1E4
0
200
400
600
800
1E3
m/z

CHIRAL SFC REPORT

Compoumd ID : 0355912-0045-1c ->
Filename/Sample ID: 0355912-0045-1c_M1
Injection Date : 2/28/2014
Acq Method : D:\DATA\201402\20140228\AD-H_5_5_40_2,35ML.M
Data Filename : D:\DATA\201402\20140228\0355912-0045-1C_M1.D
Instrument : SFC (12-102)



DAD1 A, Sig=220,4 Ref=off

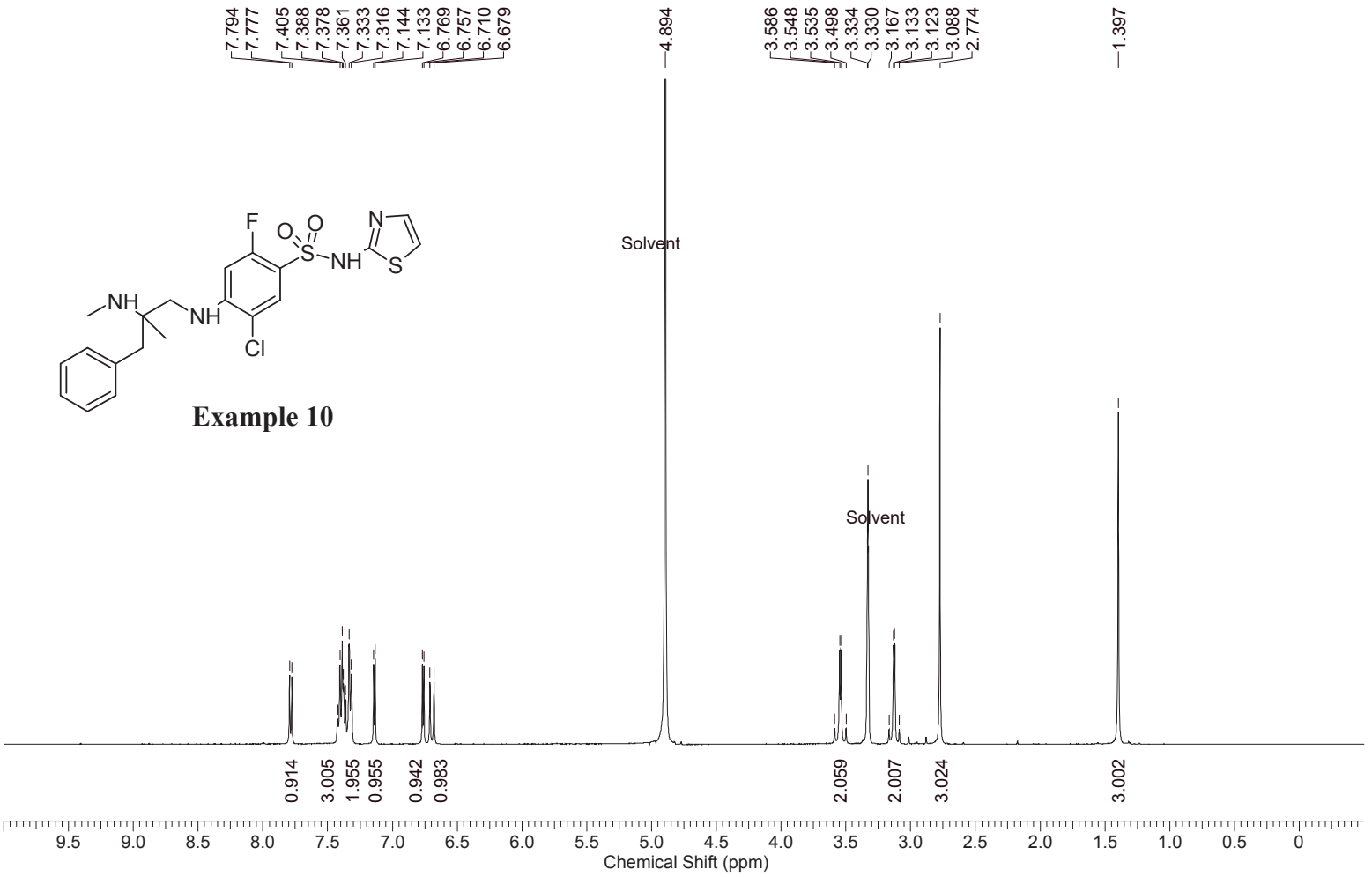
#	Meas. Ret. Time	Height	Height %	Width	Area	Area %
1	9.544	9.329	2.059	0.217	149.559	1.774
2	10.070	443.775	97.941	0.264	8.280e3	98.226

Operator:_____

Date:_____

Compound ID: EBR0084_C1270_B_001

J000298785 0355912-0046-1 Methanol-d4 400MHz



Example 10

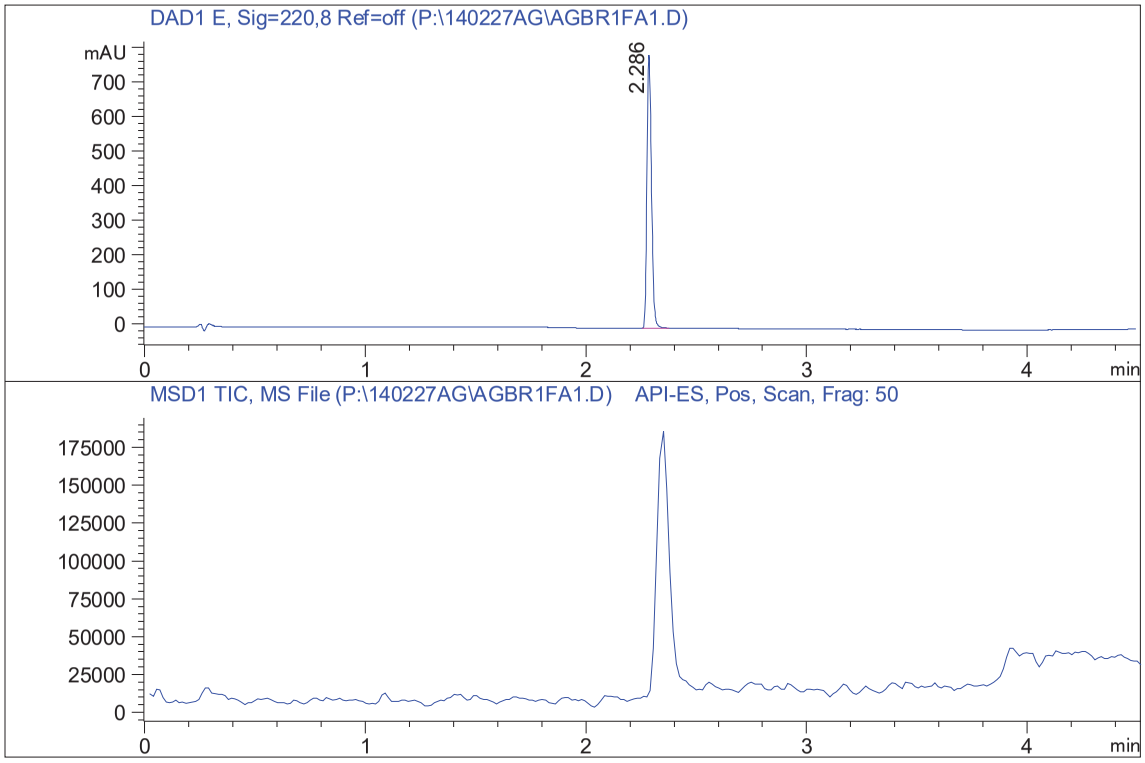
Acquisition Time (sec)	1.9923
Comment	J000298785 0355912-0046-1 Methanol-d4 400MHz
Date	27 Feb 2014 15:00:16
Frequency (MHz)	400.13
Nucleus	1H
Number of Transients	8
Origin	spect
Original Points Count	16384
Owner	nmrsu
Points Count	16384
Pulse Sequence	zg30
Receiver Gain	203.00
SW(cyclical) (Hz)	8223.68
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2470.9683
Spectrum Type	STANDARD
Sweep Width (Hz)	8223.18
Temperature (degree C)	27.000

Operator: Date:

EBR0084_C1270_B_001 MW:469.0

==========

Injection Date   : Fri, 28. Feb. 2014
Acq Operator   : AL260
Location   : P1-F-01
Inj. Vol.   : 2.0 ul
Acq Method   : C:\HPCHEM\1\METHODS\WUXIAB10.M
Data Filename   : P:\140227AG\AGBR1FA1.D
LC-MS



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Report

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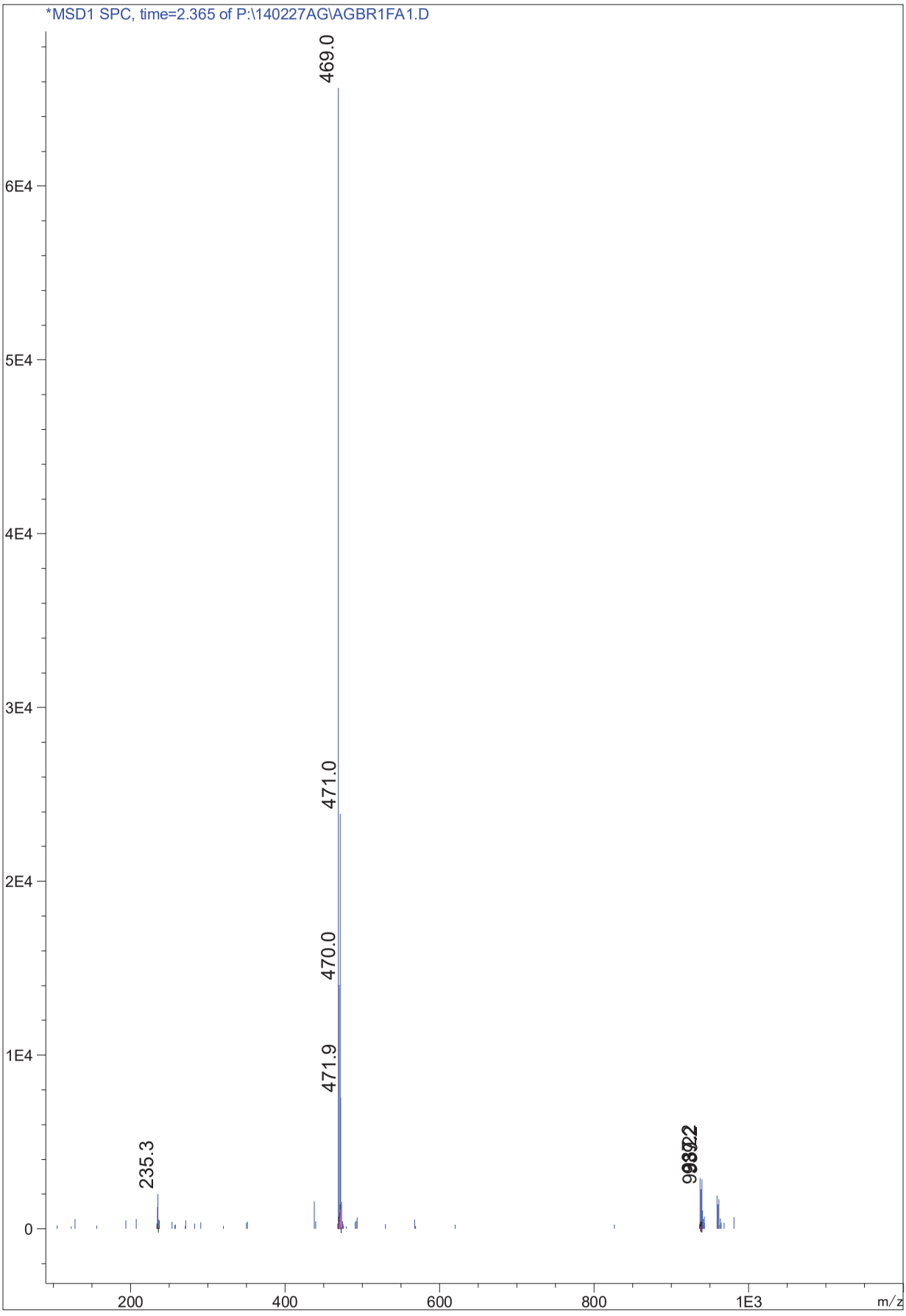
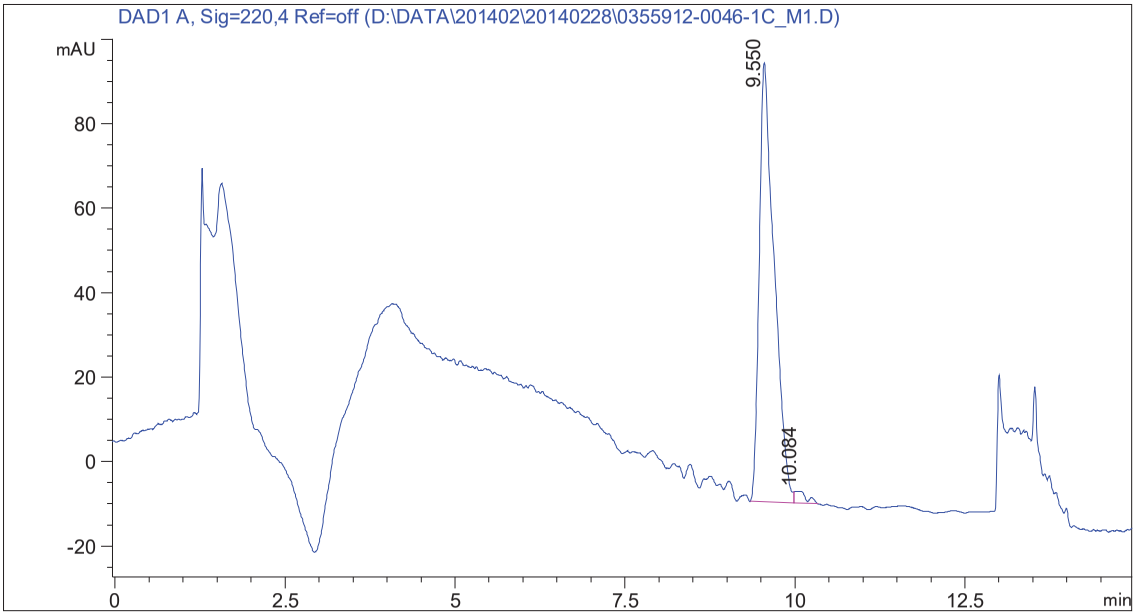
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	2.286	1128.728	791.173	100.000	0.022	100.000


*MSD1 SPC, time=2.365 of P:\140227AG\AGBR1FA1.D
469.0
471.0
470.0
471.9
235.3
6E4
5E4
4E4
3E4
2E4
1E4
0
200
400
600
800
1E3
m/z

CHIRAL SFC REPORT

Compoumd ID : 0355912-0046-1c ->
Filename/Sample ID: 0355912-0046-1c_M1
Injection Date : 2/28/2014
Acq Method : D:\DATA\201402\20140228\AD-H_5_5_40_2,35ML.M
Data Filename : D:\DATA\201402\20140228\0355912-0046-1C_M1.D
Instrument : SFC (12-102)



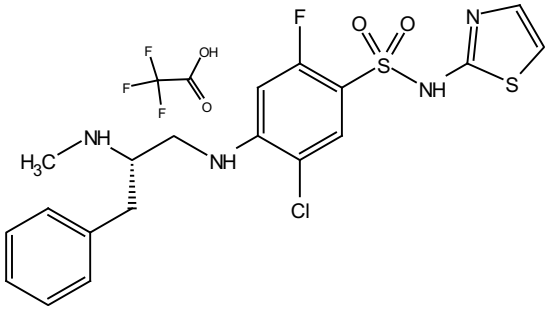
DAD1 A, Sig=220,4 Ref=off

#	Meas. Ret. Time	Height	Height %	Width	Area	Area %
1	9.550	103.940	97.376	0.255	1.590e3	97.929
2	10.084	2.801	2.624	0.200	33.643	2.071

Operator:_____

Date:_____

kelmicha-0348418-0082-P1-H1[3]



Example 11

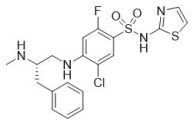
Solvent

Solvent

0.92 5.20 1.02 1.00 1.18 1.21 2.47 1.49 1.28 3.08

13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 -0.5 -1.0

f1 (ppm)

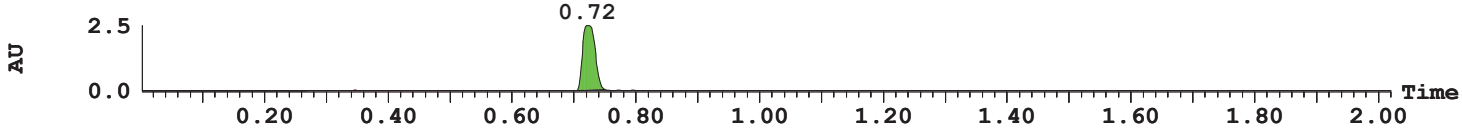
Example 11 LCMS 

Openlynx Report - Merck Restricted Confidential - kelmicha

Sample: 2 Vial:2:12 Date:28-Aug-2013
ID:0348418-0082-P1 Description:TFA SALT JobCode:kelmicha13588
Lab 3117 Method:C:\MassLynx\Purity UPLC 2 Min - 1st Reg.olp

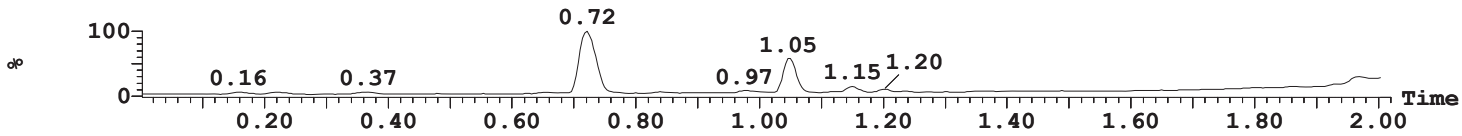
Printed: Wed Aug 28 15:07:25 2013

2: UV Detector: TIC Smooth (Mn, 1x2) (3) 454.0 0.72 Range: 2.515

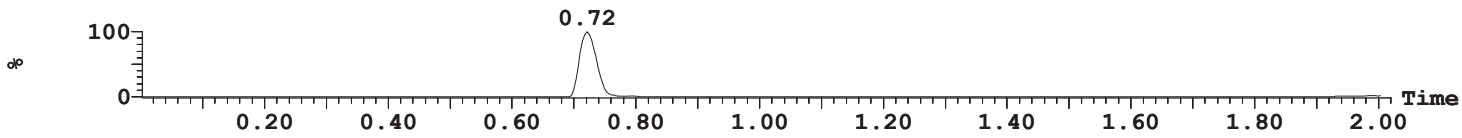


Peak Number	Time	Area %Total	Mass Found	BPM
1	0.35	0.51		177.1
2	0.44	0.54		253.0
3	0.72	98.95	454.00	455.2

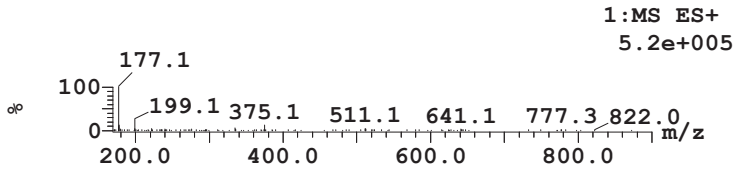
1: MS ES+ :TIC Smooth (Mn, 1x2) 8.6e+00



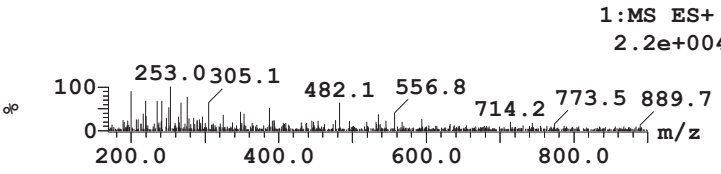
1: MS ES+ :455 1.0000Da Smooth (Mn, 1x2) 3.2e+00



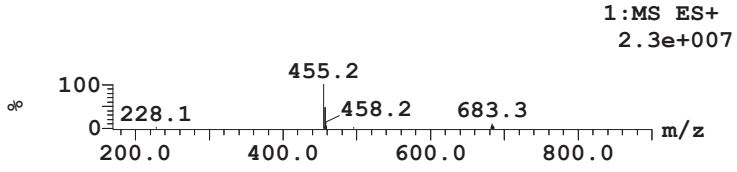
Peak ID	Time
1	0.35



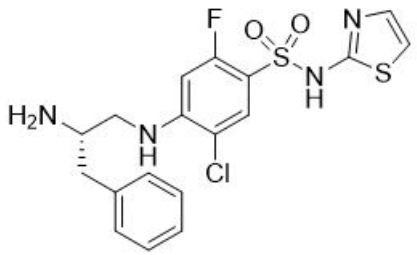
Peak ID	Time
2	0.44



Peak ID	Time
3	0.72



kelmicha-0344106-0199-P1-H1[2]



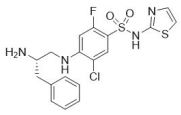
Example 12

Solvent

Solvent

0.95 2.13 3.18 1.06 1.00 1.18 1.24 1.97 2.01

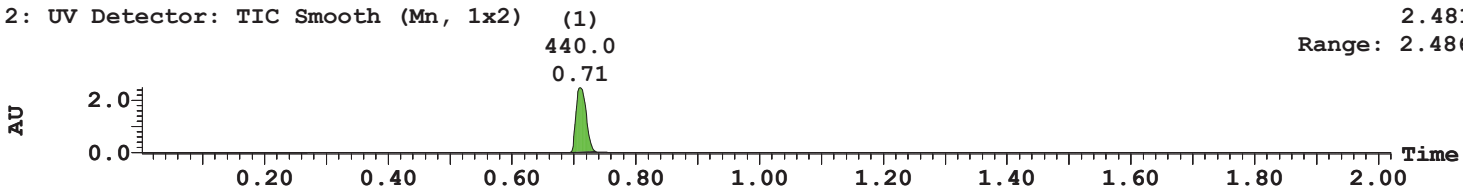
f1 (ppm)

Example 12 LCMS 

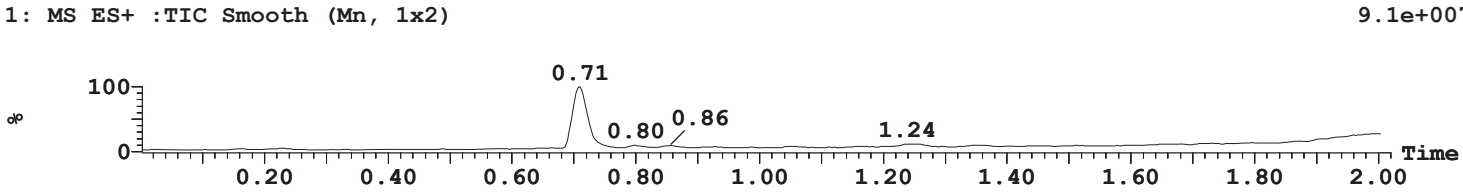
Openlynx Report - Merck Restricted Confidential - kelmicha

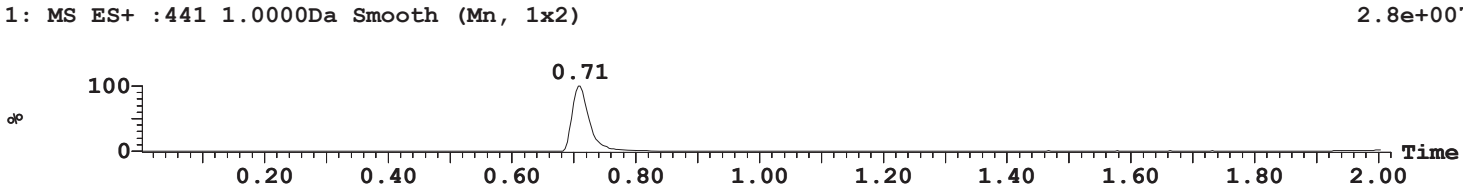
Sample: 1 Vial:1:44 Date:23-Jul-2013
ID:0344106-0199-P1 Description: JobCode:kelmicha13019
Lab 3117 Method:C:\MassLynx\Purity UPLC 2 Min - 1st Reg.olp

Printed: Tue Jul 23 17:20:16 2013

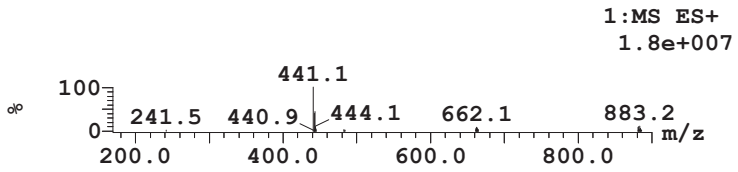


Peak Number	Time	Area %Total	Mass Found	BPM
1	0.71	100.00	440.00	441.1

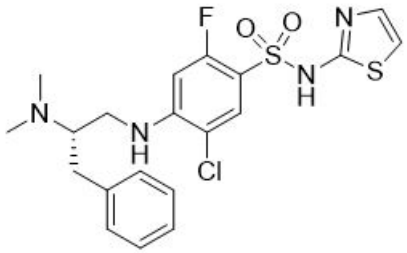




Peak ID	Time
1	0.71



kelmicha-0348418-0063-P1-H1[2]



Example 13

Solvent

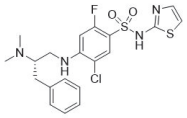
Solvent

0.80 3.71 1.05 0.89 0.87 1.09 1.18 1.19 1.44 0.78 6.00 1.31

13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 -0.5 -1.0

f1 (ppm)

Example 13 LCMS



Openlynx Report - Merck Restricted Confidential - kelmicha

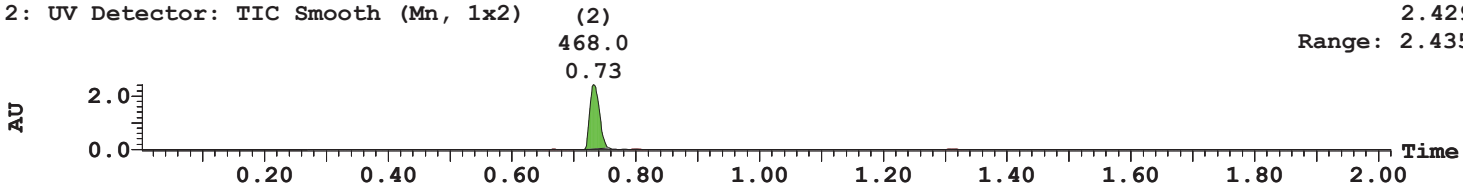
Sample: 2
ID:0348418-0063-P1
Lab 3117

Vial:1:22
Description:
Method:C:\MassLynx\Purity UPLC 2 Min - 1st Reg.olp

Date:20-Aug-2013
JobCode:kelmicha13460

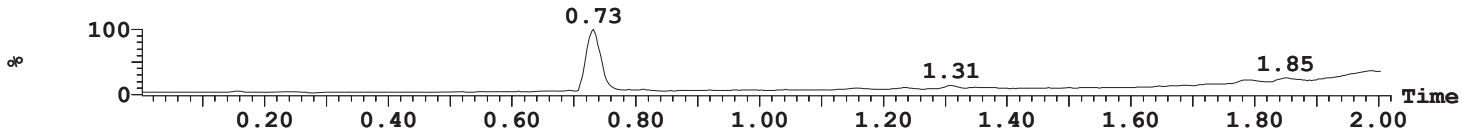
Printed: Tue Aug 20 16:09:22 2013

2: UV Detector: TIC Smooth (Mn, 1x2)

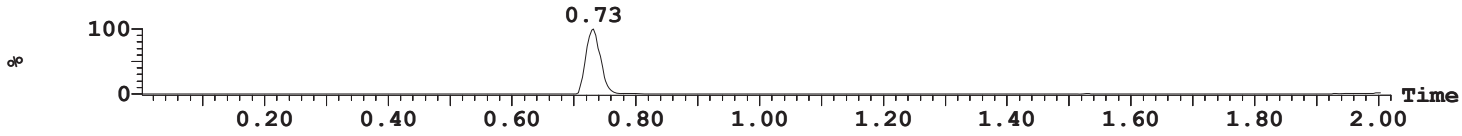


Peak Number	Time	Area %Total	Mass Found	BPM
1	0.67	0.34		251.2
2	0.73	98.70	468.00	469.2
3	0.80	0.32		483.1
4	1.31	0.63		295.2

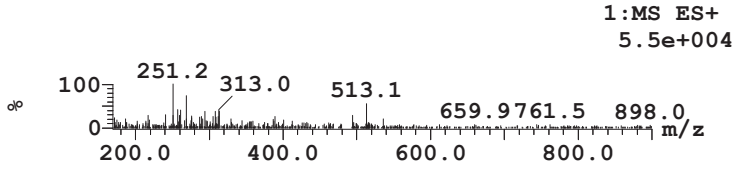
1: MS ES+ :TIC Smooth (Mn, 1x2)



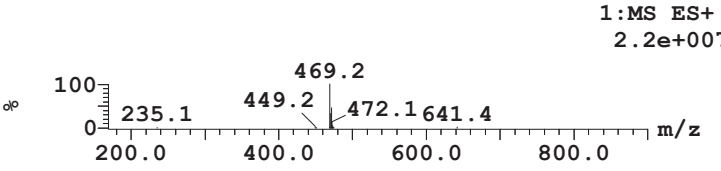
1: MS ES+ :469 1.0000Da Smooth (Mn, 1x2)



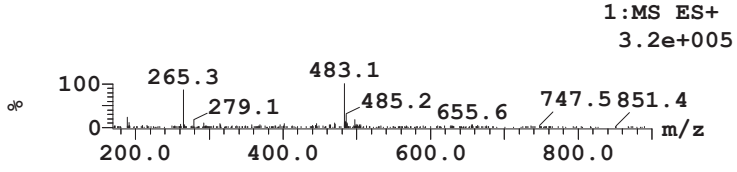
Peak ID	Time
1	0.67



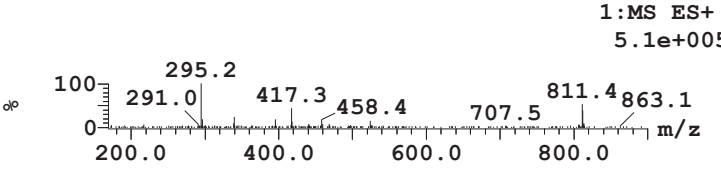
Peak ID	Time
2	0.73



Peak ID	Time
3	0.80

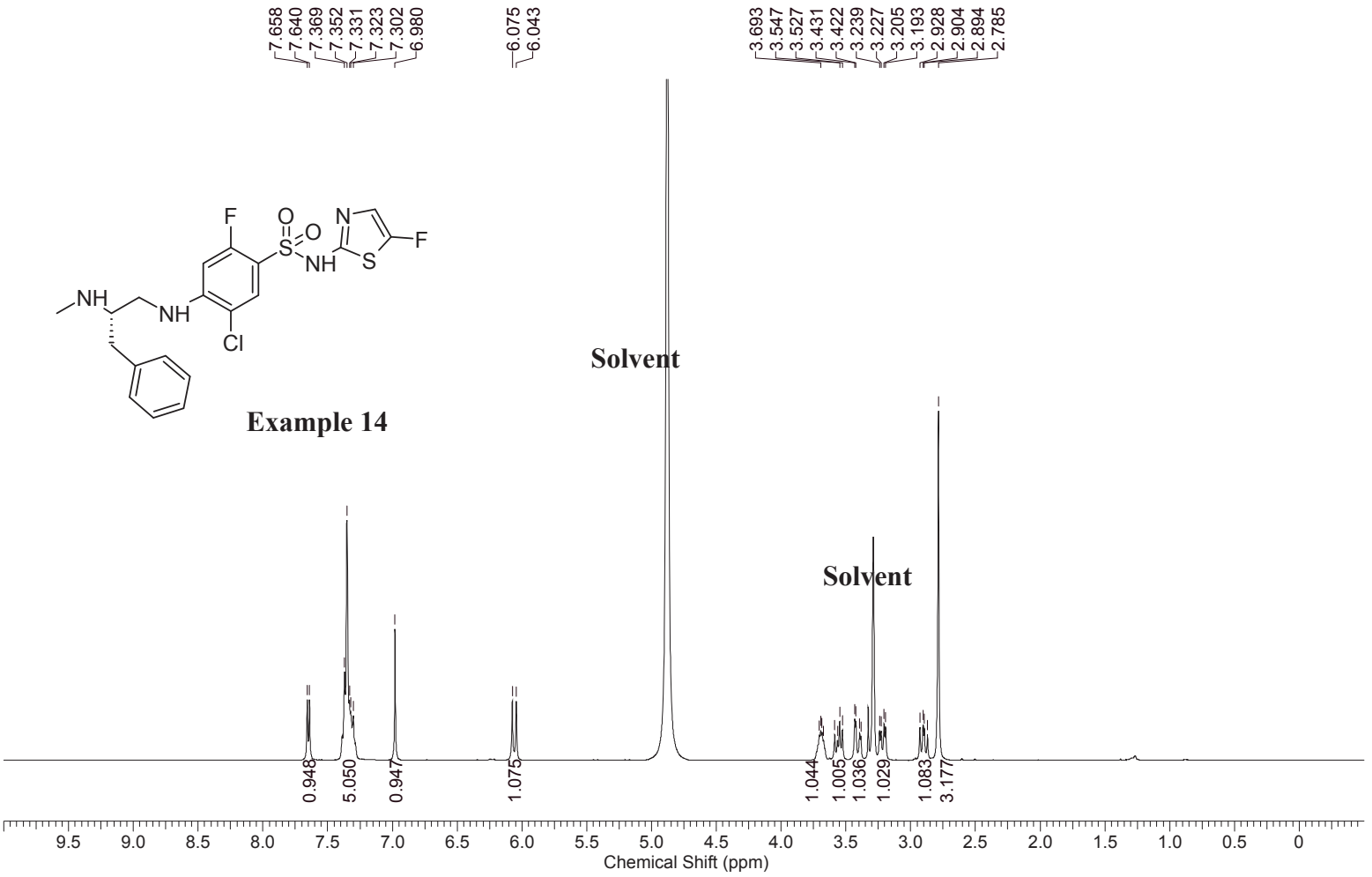


Peak ID	Time
4	1.31



Compound ID: EBR0084_C1643_002

J000335354 0365308-009-1 Methanol-d4 varian 400



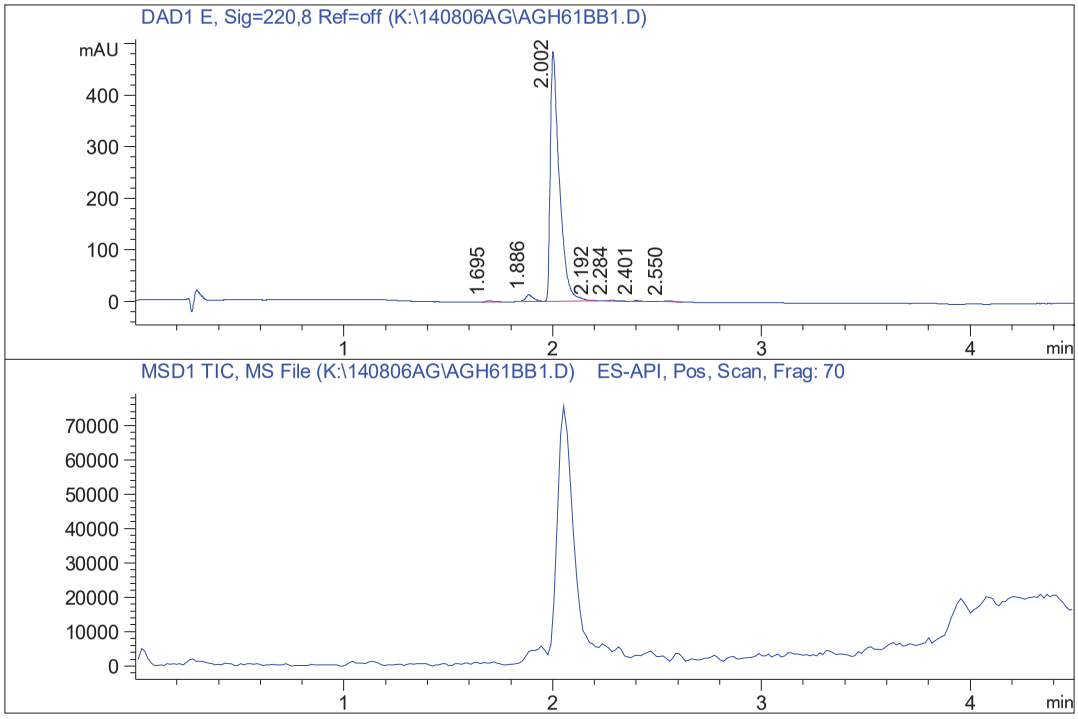
Acquisition Time (sec)	2.0486
Comment	J000335354 0365308-009-1 Methanol-d4 varian 400
Date	Aug 7 2014
Frequency (MHz)	399.88
Nucleus	1H
Number of Transients	8
Original Points Count	13132
Points Count	16384
Pulse Sequence	s2pul
Receiver Gain	38.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2399.2805
Spectrum Type	STANDARD
Sweep Width (Hz)	6410.26
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

EBR0084_C1643_002 MW:473.0

==========

Injection Date : Wed, 6. Aug. 2014
Acq Operator : AL260
Location : P1-B-02
Inj. Vol. : 1.0ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10.M
Data Filename : K:\140806AG\AGH61BB1.D
LC-MS



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Report

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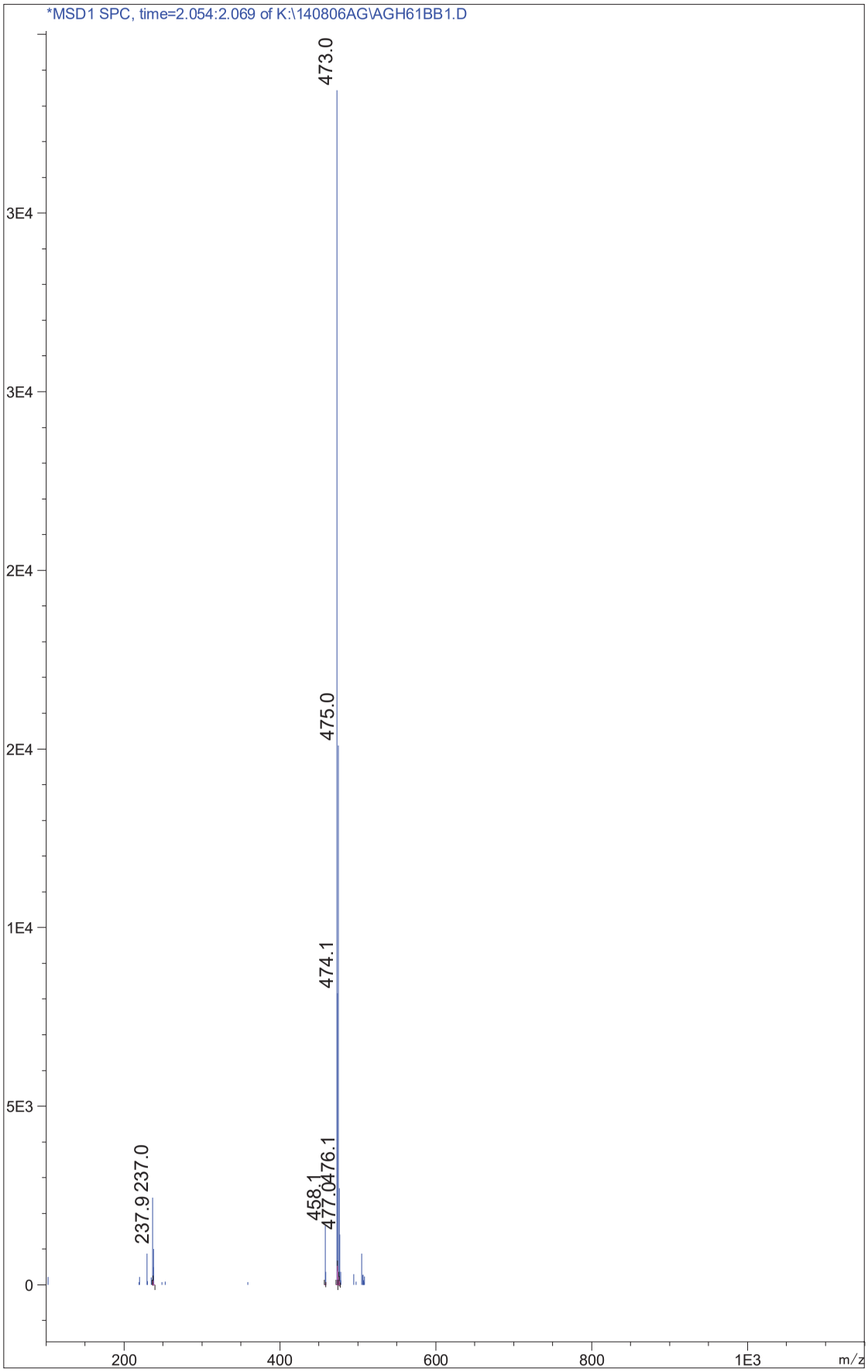
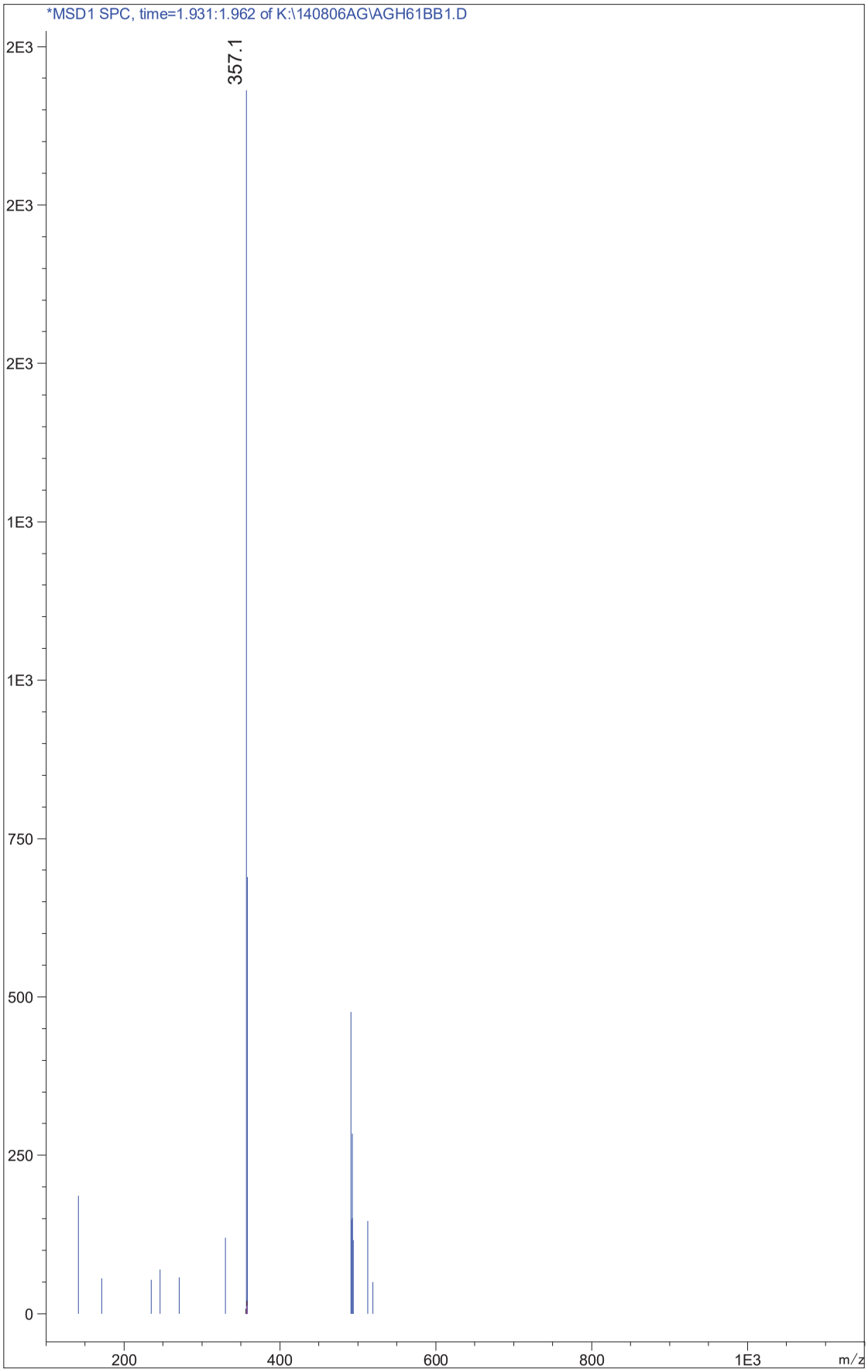
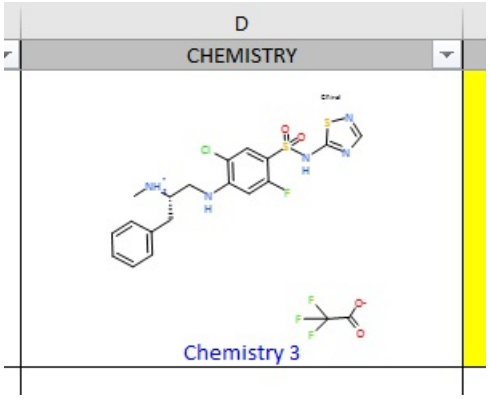
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	1.695	6.824	2.569	0.507	0.038	0.452
2	1.886	33.430	13.134	2.593	0.042	2.213
3	2.002	1455.265	484.437	95.646	0.050	96.343
4	2.192	1.437	0.983	0.194	0.024	0.095
5	2.284	4.045	1.501	0.296	0.040	0.268
6	2.401	3.489	1.818	0.359	0.031	0.231
7	2.550	6.023	2.046	0.404	0.045	0.399





0347710-0082-008.20.fid



EXAMPLE 15:
0347710-0082-008

Solvent

0.94 0.88 0.73 5.17 1.00 1.00 1.27 0.90 0.93 3.20

13 12 11 10 9 8 7 6 5 4 3 2 1 0 -1

f1 (ppm)

Openlynx Report - zartmac

Sample: 13
File:14625-13
Description:UPLC PURITY 2 MIN - 1ST REG

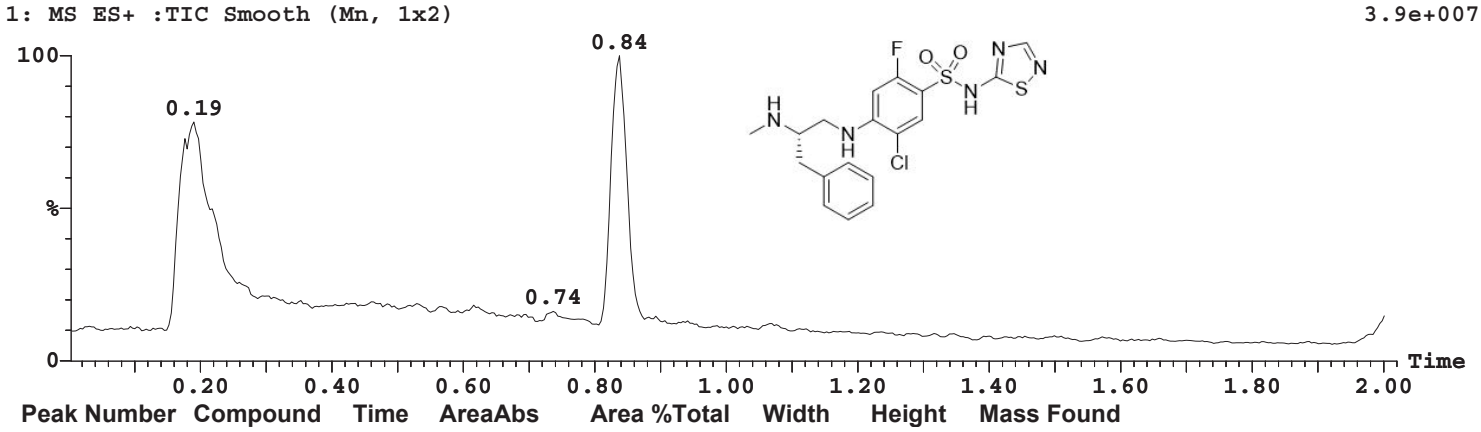
Vial:4:1,B
Date:31-Jan-2014

ID:0347710-0082-008-1
Time:09:47:31

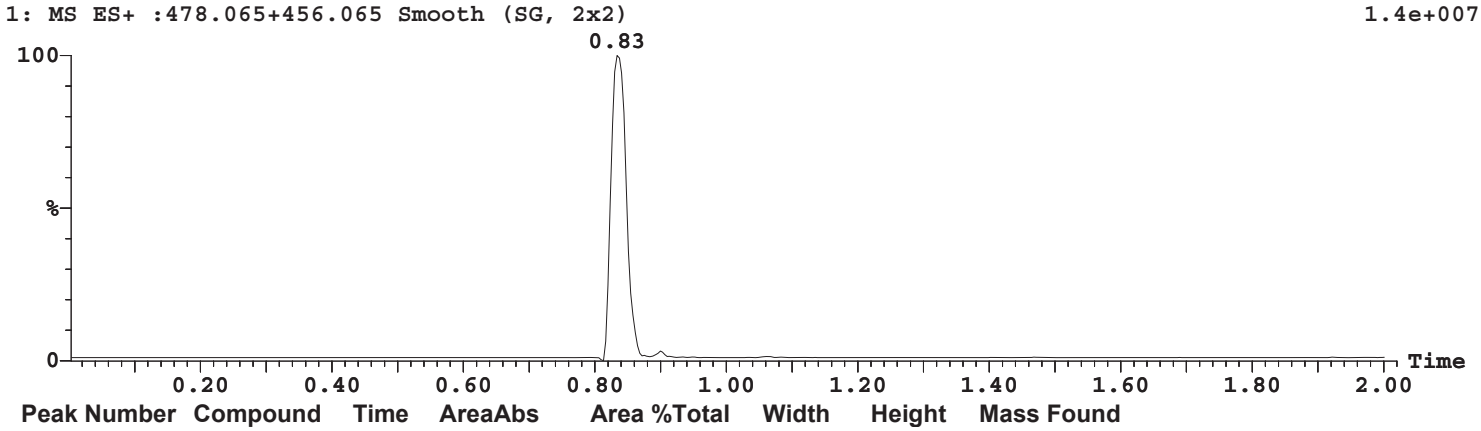
Printed: Tue Feb 18 13:12:09 2014

Sample Report (continued):

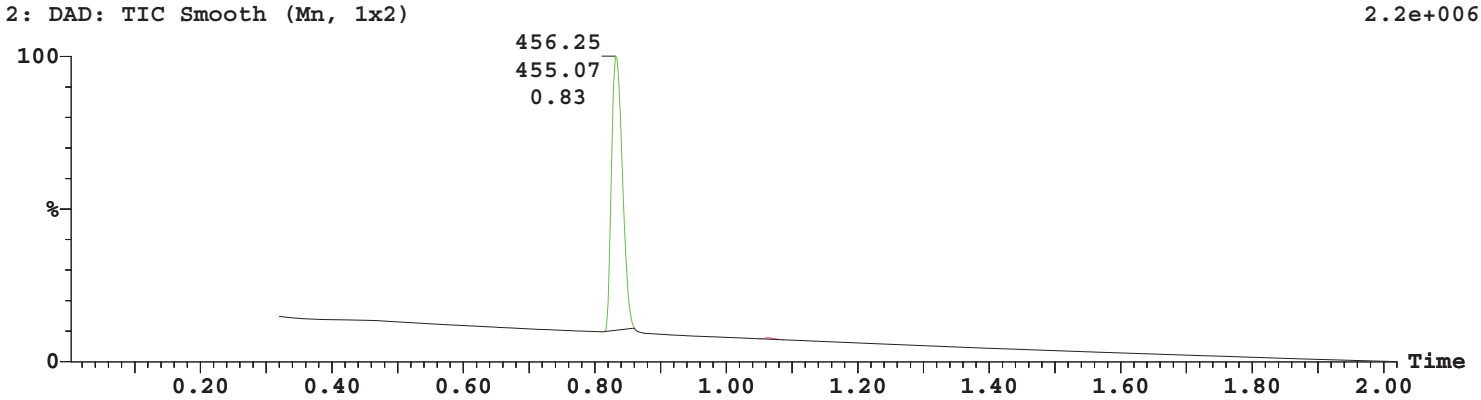
Sample 13 Vial 4:1,B ID 0347710-0082-008-1 File 14625-13 Date 31-Jan-2014 Time 09:47:31 Description UPLC PURITY 2 MIN - 1ST REG



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found



Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found



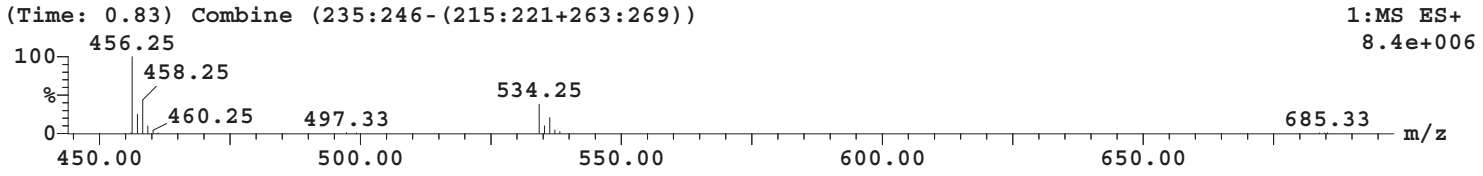
Peak Number	Compound	Time	AreaAbs	Area %Total	Width	Height	Mass Found
1	Found	0.83	4e+004	99.63	0	2e+006	455.07
2		1.06	1e+002	0.37	0	9e+003	

Sample: 13 Vial:4:1,B ID:0347710-0082-008-1
File:14625-13 Date:31-Jan-2014 Time:09:47:31
Description:UPLC PURITY 2 MIN - 1ST REG

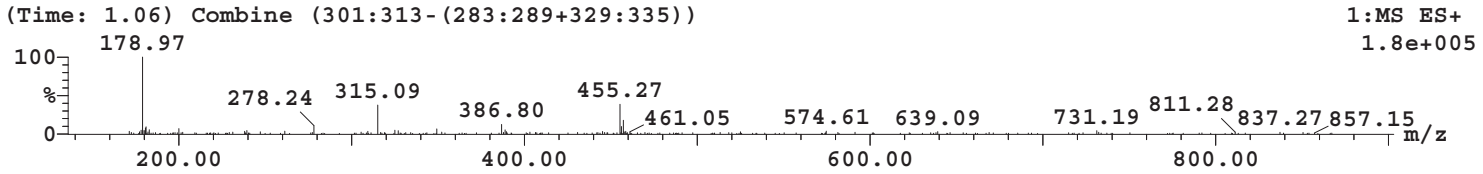
Printed: Tue Feb 18 13:12:09 2014

Sample Report (continued):

Peak ID	Compound	Time	Mass Found
1	Found	0.83	455.07

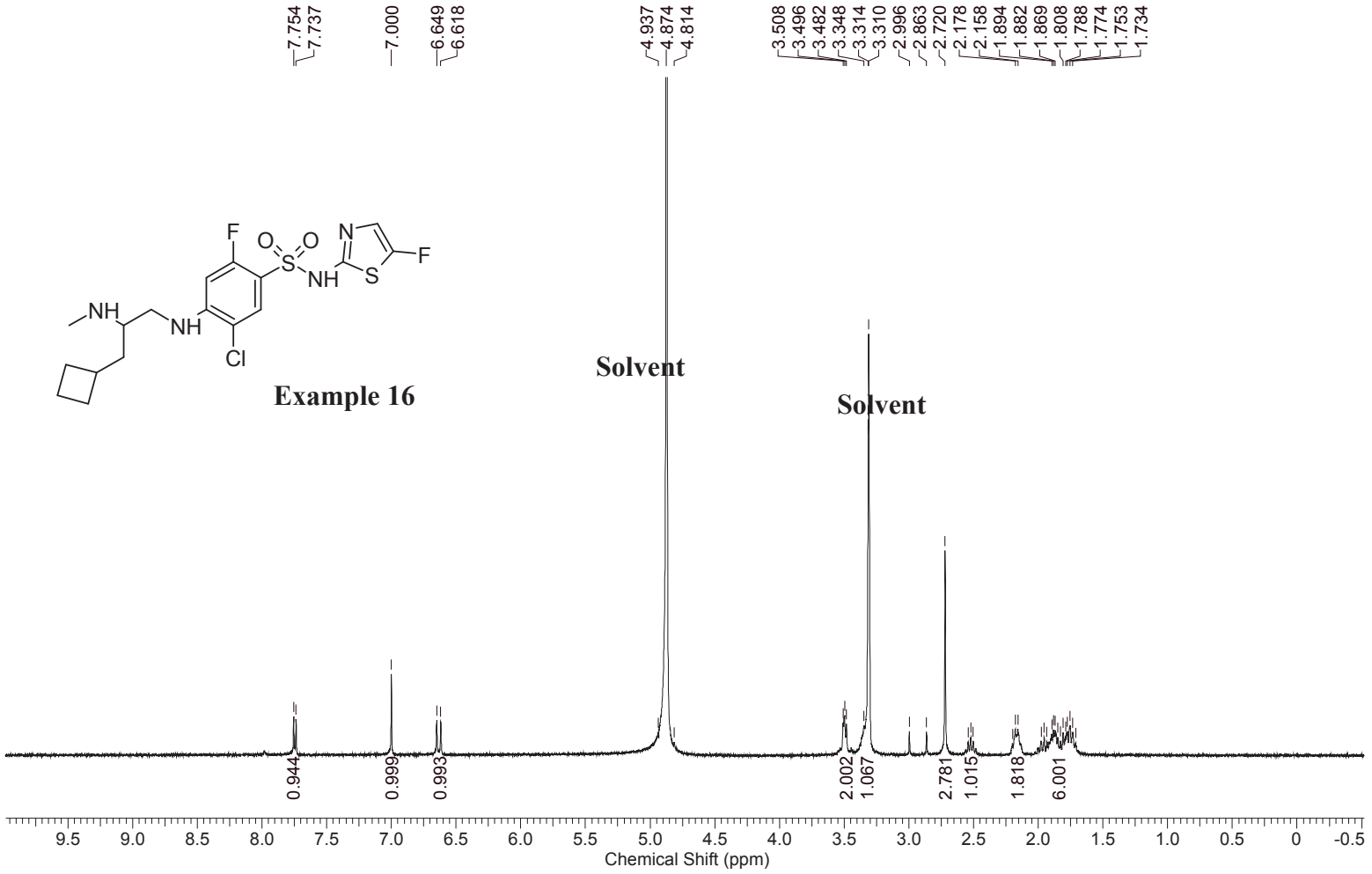


Peak ID	Compound	Time	Mass Found
2		1.06	



Compound ID: EBR0084_C1871_B_001

Z000001829 0365754-0111-1 Methanol-d4 400MHz



Example 16

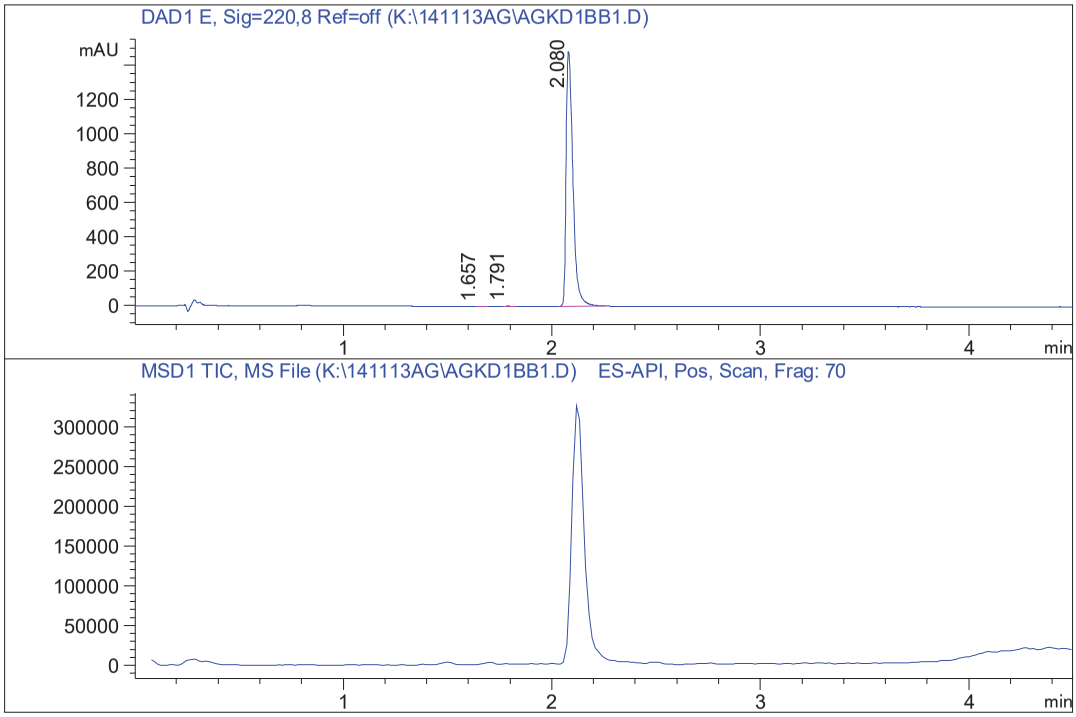
Acquisition Time (sec)	1.9923
Comment	Z000001829 0365754-0111-1 Methanol-d4 400MHz
Date	11 Nov 2014 15:34:24
Frequency (MHz)	400.13
Nucleus	1H
Number of Transients	8
Origin	spect
Original Points Count	16384
Owner	nmrsu
Points Count	32768
Pulse Sequence	zg30
Receiver Gain	362.00
SW(cyclical) (Hz)	8223.68
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2463.6948
Spectrum Type	STANDARD
Sweep Width (Hz)	8223.43
Temperature (degree C)	27.000

Operator: Date:

EBR0084_C1871_B_001 MW:451.0

==========

Injection Date : Thu, 13. Nov. 2014
Acq Operator : AL260
Location : P1-B-02
Inj. Vol. : 1.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10.M
Data Filename : K:\141113AG\AGKD1BB1.D
LC-MS



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Report

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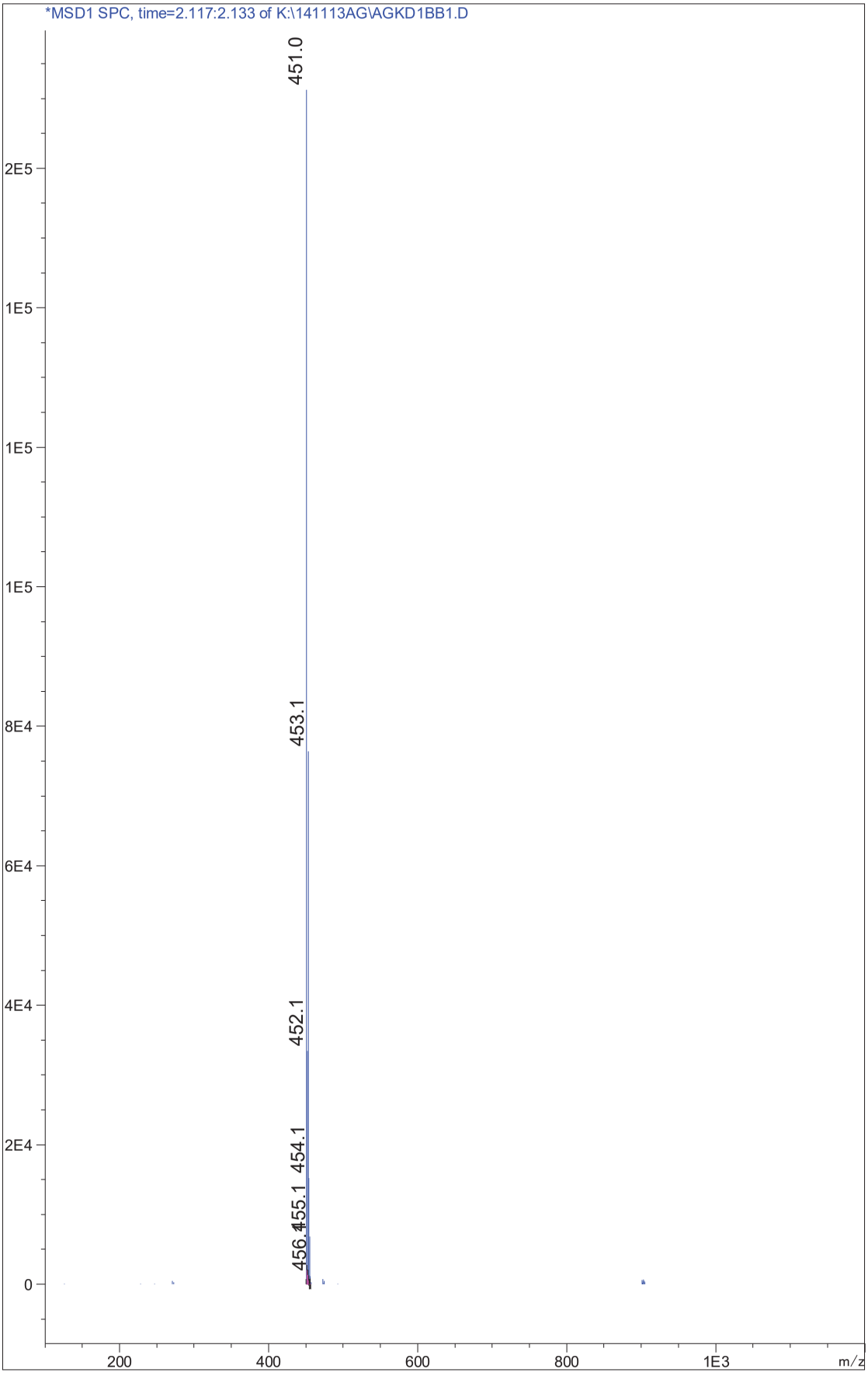
Signal 1 : DAD1 E, Sig=220,8 Ref=off

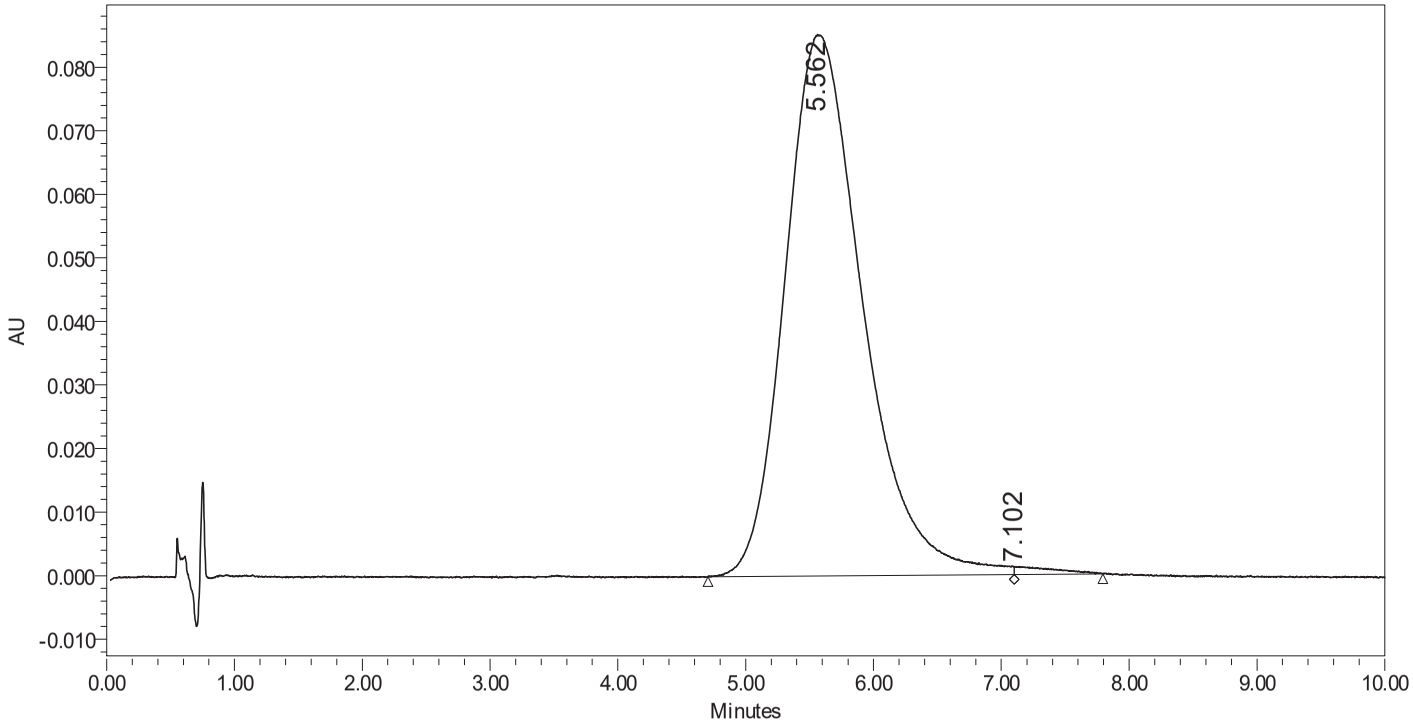
Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	1.657	1.298	1.062	0.071	0.019	0.039
2	1.791	3.285	2.180	0.146	0.023	0.098
3	2.080	3358.852	1485.344	99.782	0.035	99.864



SFC CHIRAL REPORT

SAMPLE INFORMATION

Sample Name:	0365754-0111-1_E1	Acquired By:	System
Compound ID:	0365754-0111-1	Sample Set Name:	1111_2
Acq. Method Set:	AD_3_EtOH_DEA_25_3ML	Vial:	1:B,7
Channel Name:	PDA Ch1 220nm@4.8nm -Compens.	Injection Volume:	5.00 ul
Proc. Chnl. Descr.:	PDA Ch1 220nm@4.8nm -Compens.	Run Time:	10.0 Minutes
Date Acquired:	11/12/2014 2:13:56 PM CST		
Date Processed:	11/12/2014 2:40:53 PM CST		



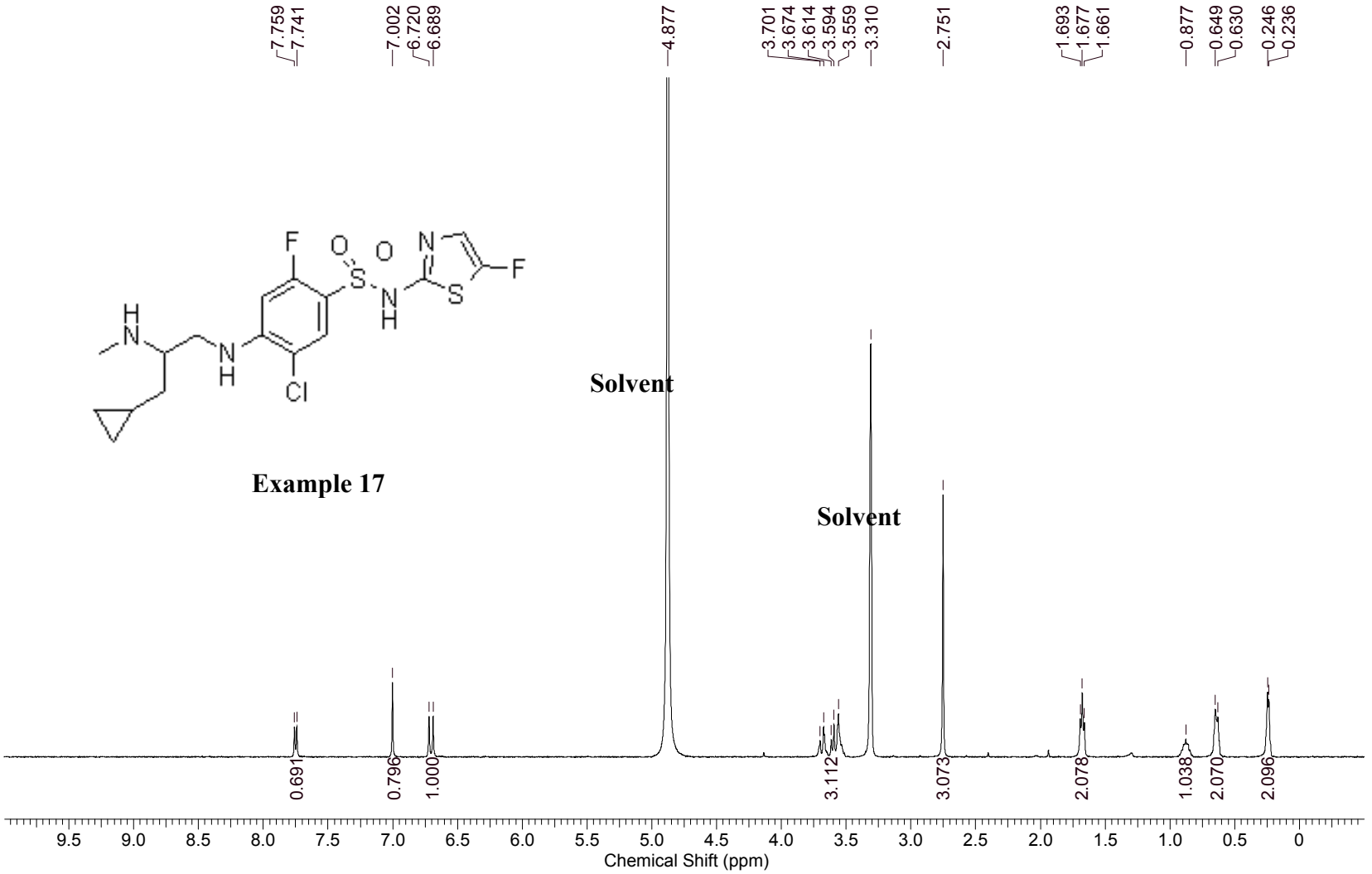
	RT	Area	% Area
1	5.562	3587226	99.21
2	7.102	28501	0.79

Operator:_____

Date:_____

Compound ID: EBR0084_C1872_A_002

1000217-060-1AA MeOD Varian_G_400MHz



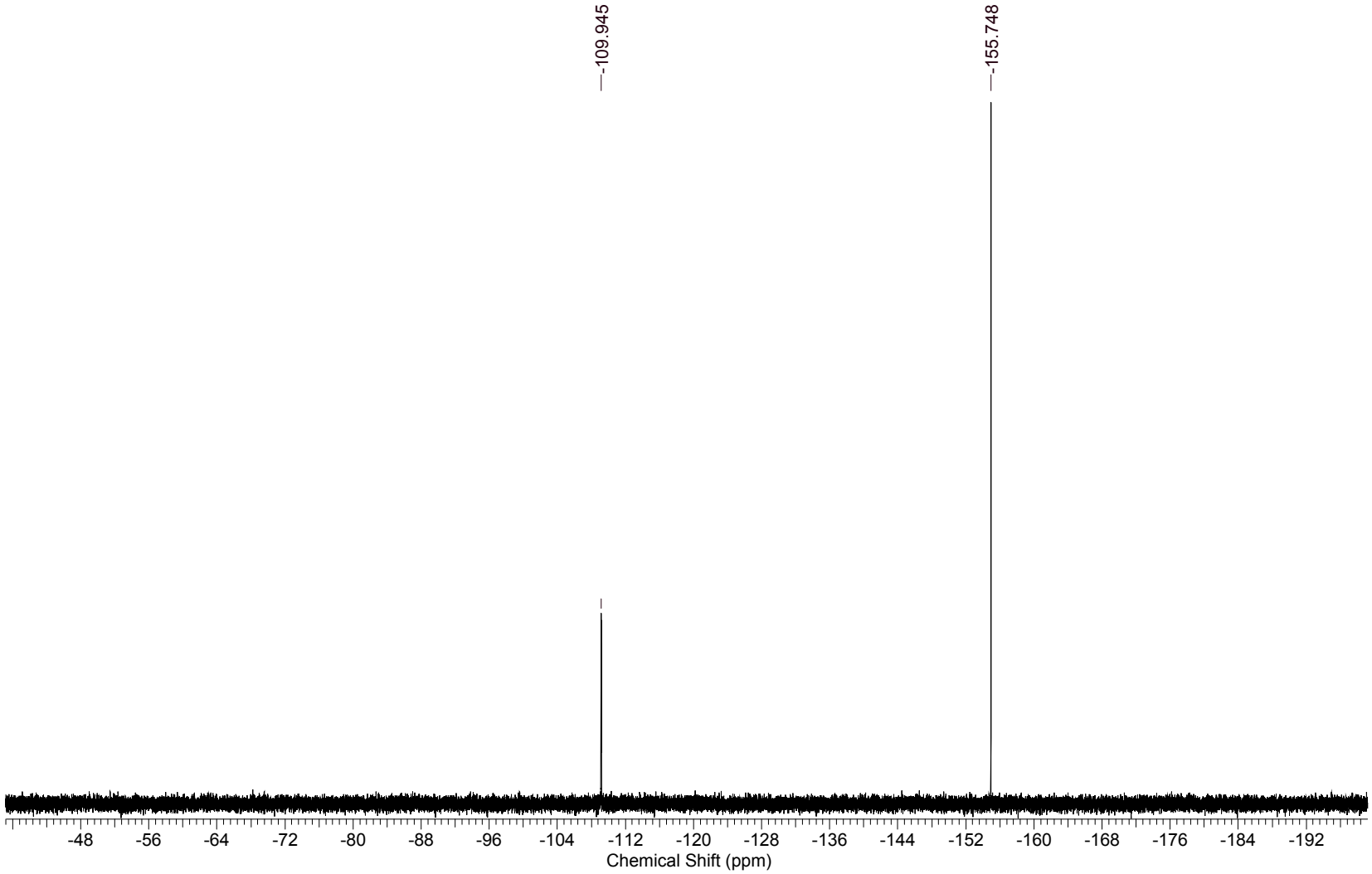
Example 17

Acquisition Time (sec)	2.2688
Comment	1000217-060-1AA MeOD Varian_G_400MHz
Date	Sep 23 2015
Frequency (MHz)	399.74
Nucleus	1H
Number of Transients	8
Original Points Count	16393
Points Count	32768
Pulse Sequence	s2pul
Receiver Gain	42.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2800.6741
Spectrum Type	STANDARD
Sweep Width (Hz)	7225.43
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

Compound ID: EBR0084_C1872_A_002

1000217-060-1AA MeOD Varian_G_400MHz



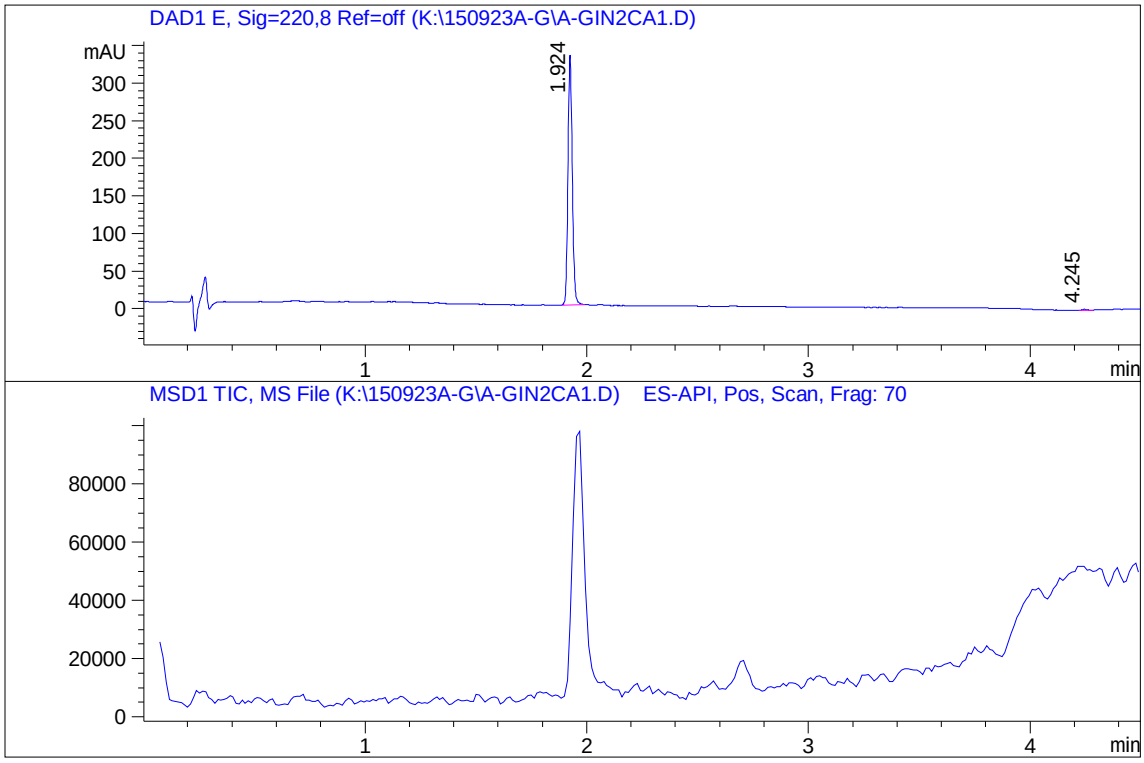
Acquisition Time (sec)	1.0000
Comment	1000217-060-1AA MeOD Varian_G_400MHz
Date	Sep 23 2015
Frequency (MHz)	376.08
Nucleus	19F
Number of Transients	16
Original Points Count	78125
Points Count	131072
Pulse Sequence	s2pul
Receiver Gain	58.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	-48897.1641
Spectrum Type	STANDARD
Sweep Width (Hz)	78125.00
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

EBR0084_C1872_A_002 MW:436.9

==========

Injection Date : Thu, 24. Sep. 2015
Acq Operator : AL260
Location : P2-C-01
Inj. Vol. : 1.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10-220.M
Data Filename : K:\150923A-G\A-GIN2CA1.D
Instrument : AK



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Report

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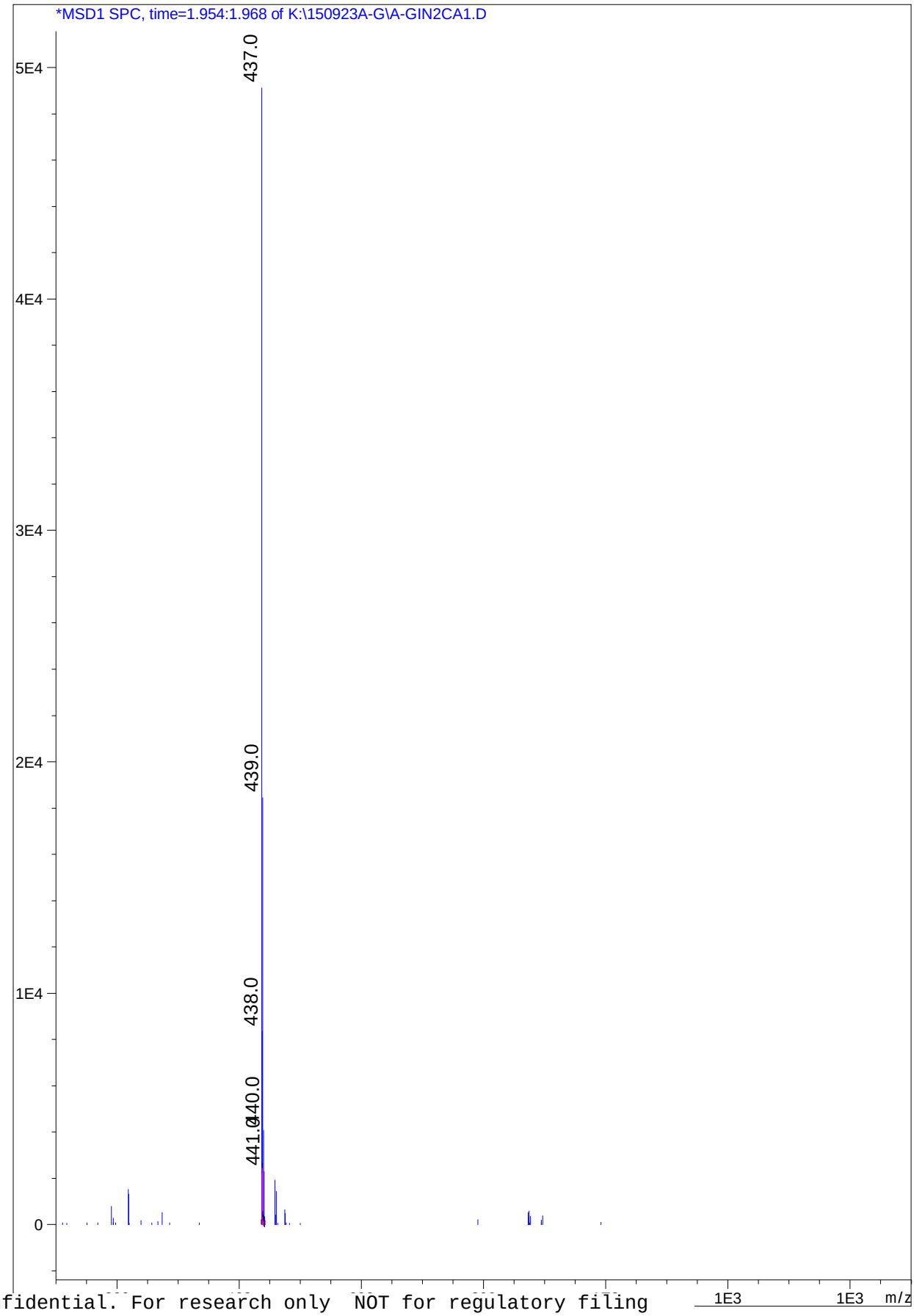
Signal 1 : DAD1 E, Sig=220,8 Ref=off

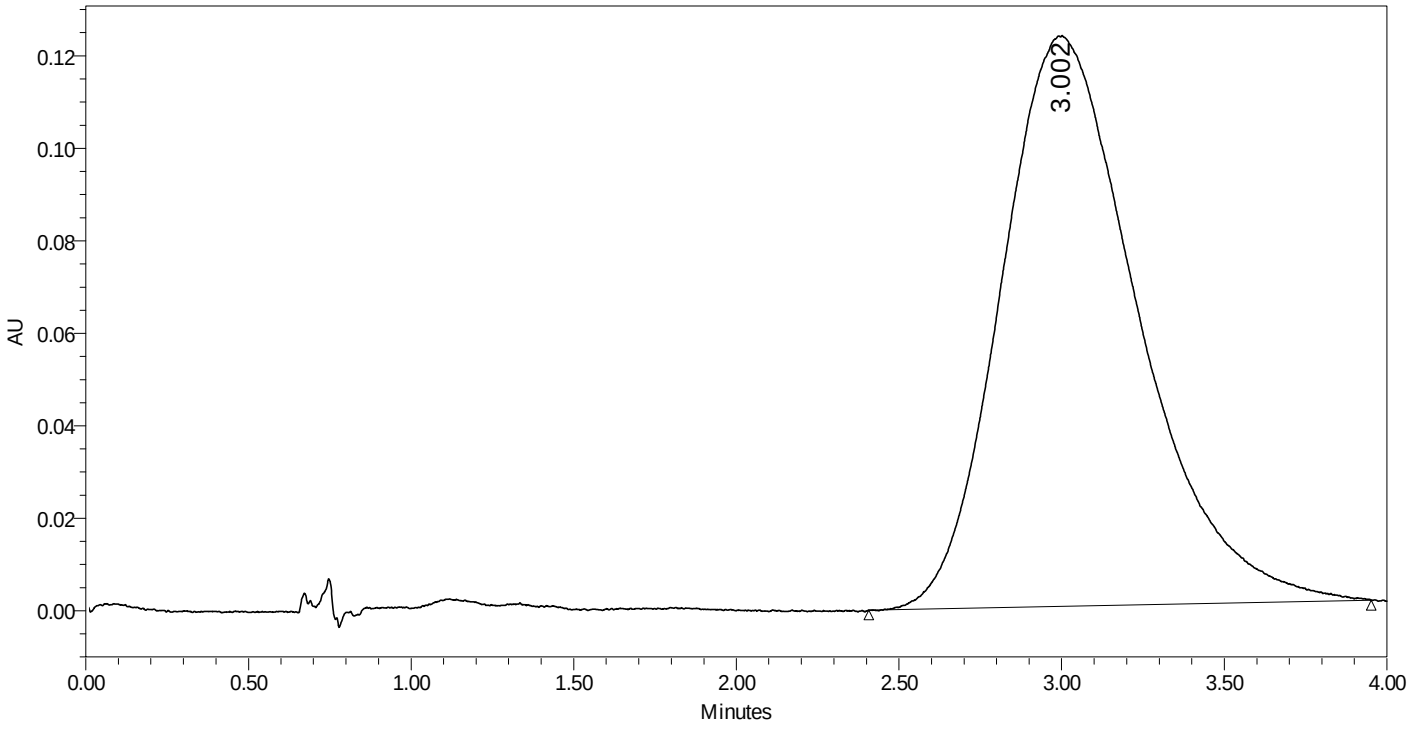
Peak #	RT [min]	Height	Height %	Width [min]	Area	Area %
1	1.924	332.402	99.601	0.021	450.535	99.640
2	4.245	1.332	0.399	0.019	1.629	0.360



SFC CHIRAL REPORT

SAMPLE INFORMATION

Sample Name:	1000217-060-1_E1	Acquired By:	System
Compound ID:	1000217-060-1		
Acq. Method Set:	AD_3_EtOH_DEA_40_25ML	Vial:	1:A,8
Channel Name:	PDA Ch1 220nm@4.8nm -Compens.	Injection Volume:	8.00 ul
Proc. Chnl. Descr.:	PDA Ch1 220nm@4.8nm -Compens.	Run Time:	4.0 Minutes
Date Acquired:	9/22/2015 10:44:10 PM CST		
Date Processed:	9/23/2015 10:37:29 AM CST		



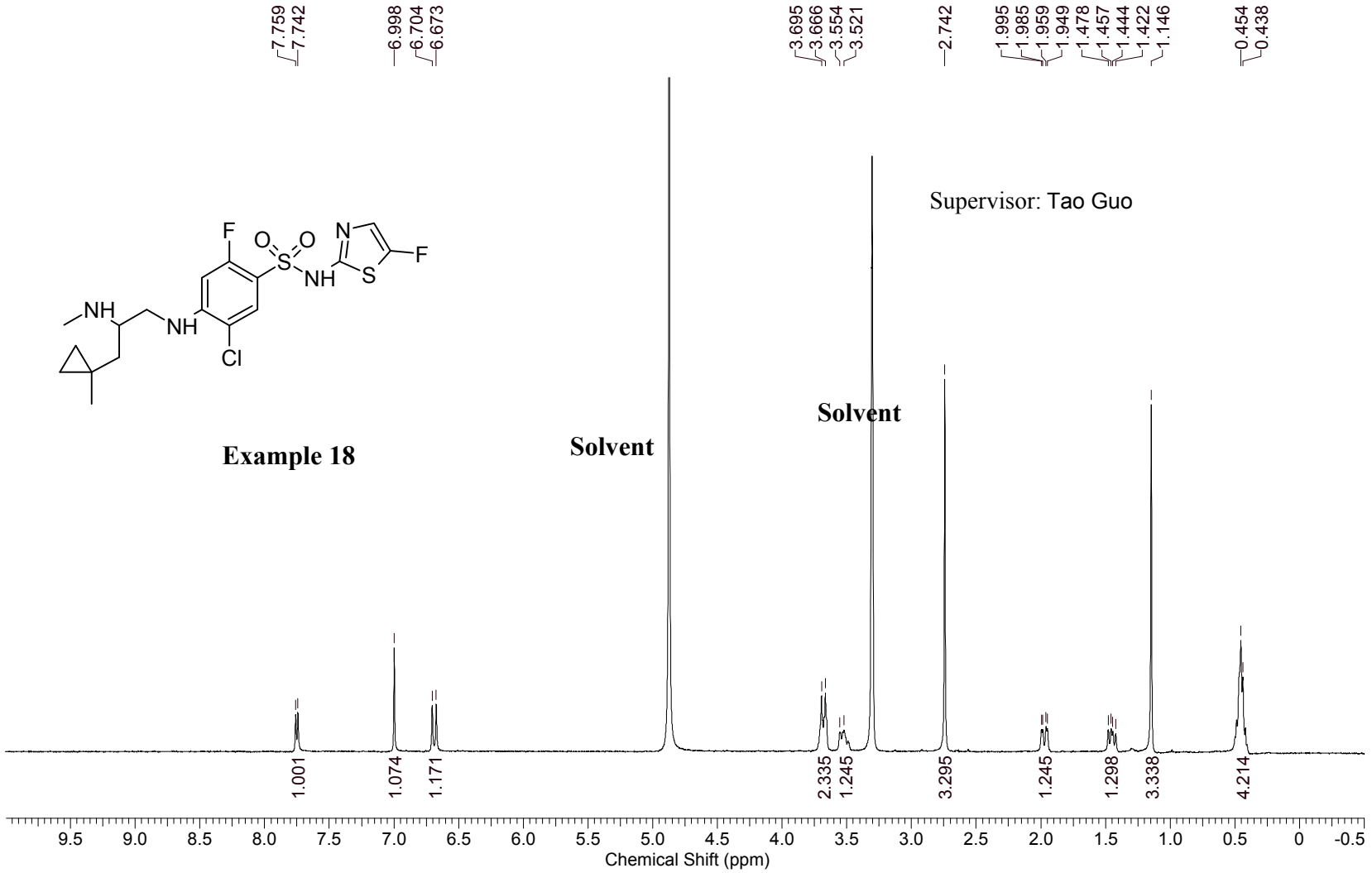
	RT	Area	% Area
1	3.002	3606087	100.00

Operator:_____

Date:_____

Compound ID: EBR0084_C2137_A_002

1000223-112-1 MeOD Varian_G_400MHz



Example 18

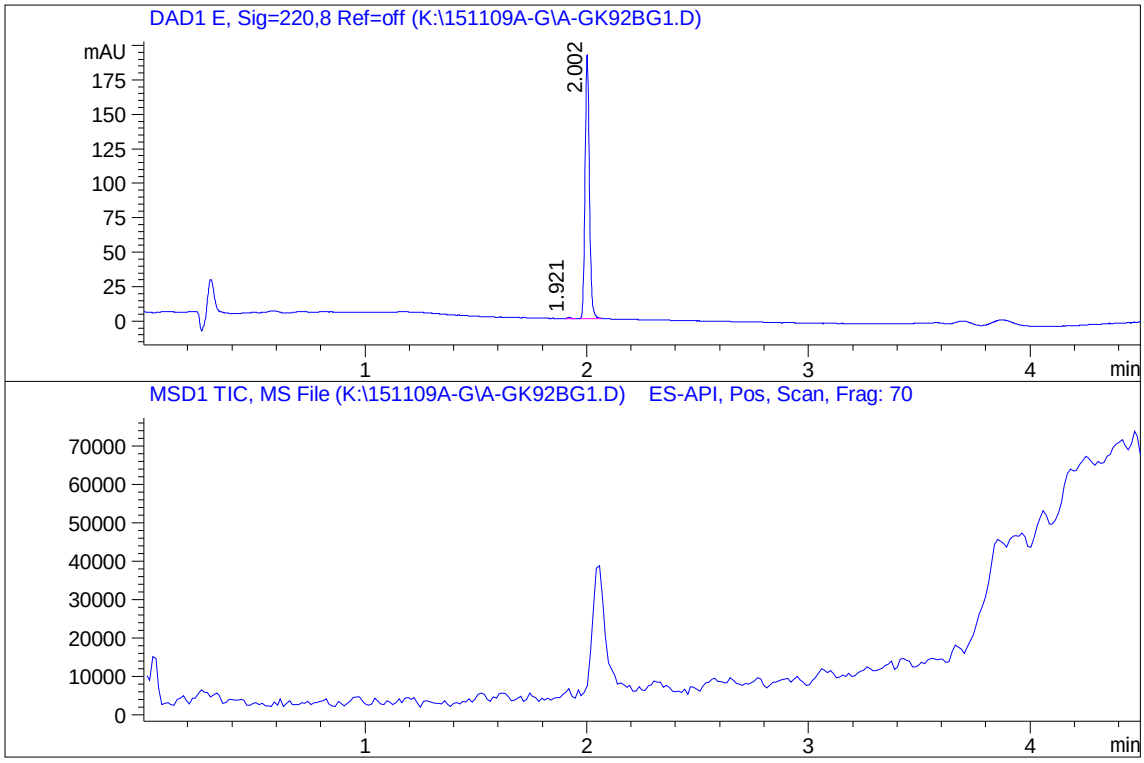
Acquisition Time (sec)	2.2688
Comment	1000223-112-1 MeOD Varian_G_400MHz
Date	Nov 6 2015
Frequency (MHz)	399.74
Nucleus	1H
Number of Transients	8
Original Points Count	16393
Points Count	32768
Pulse Sequence	s2pul
Receiver Gain	48.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2798.1553
Spectrum Type	STANDARD
Sweep Width (Hz)	7225.43
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

EBR0084_C2137_A_002 MW:451.0

==========

Injection Date : Mon, 9. Nov. 2015
Acq Operator : AL260
Location : P2-B-07
Inj. Vol. : 0.1 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10-220.M
Data Filename : K:\151109A-G\A-GK92BG1.D
Instrument : AK



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Report

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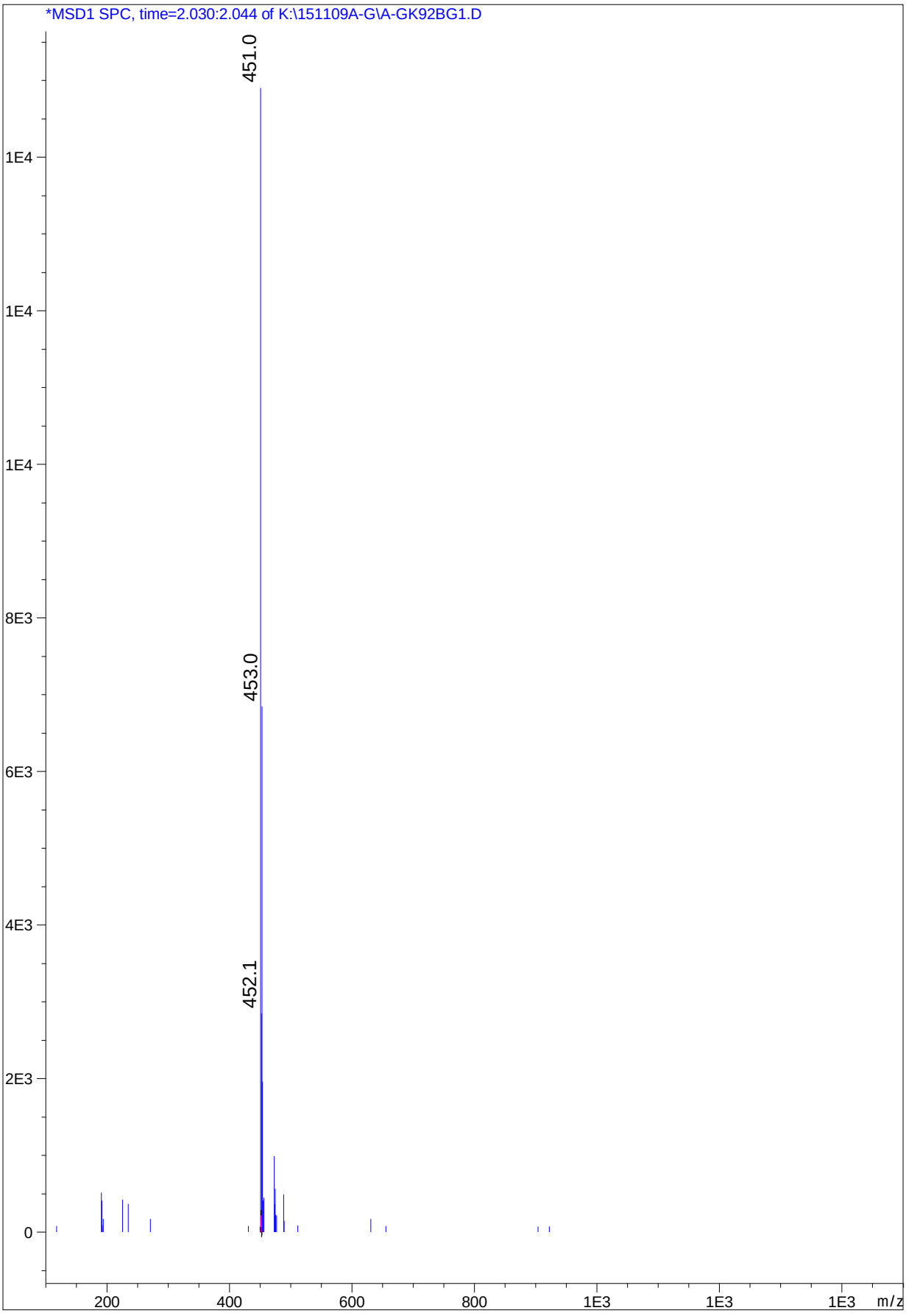
Signal 1 : DAD1 E, Sig=220,8 Ref=off

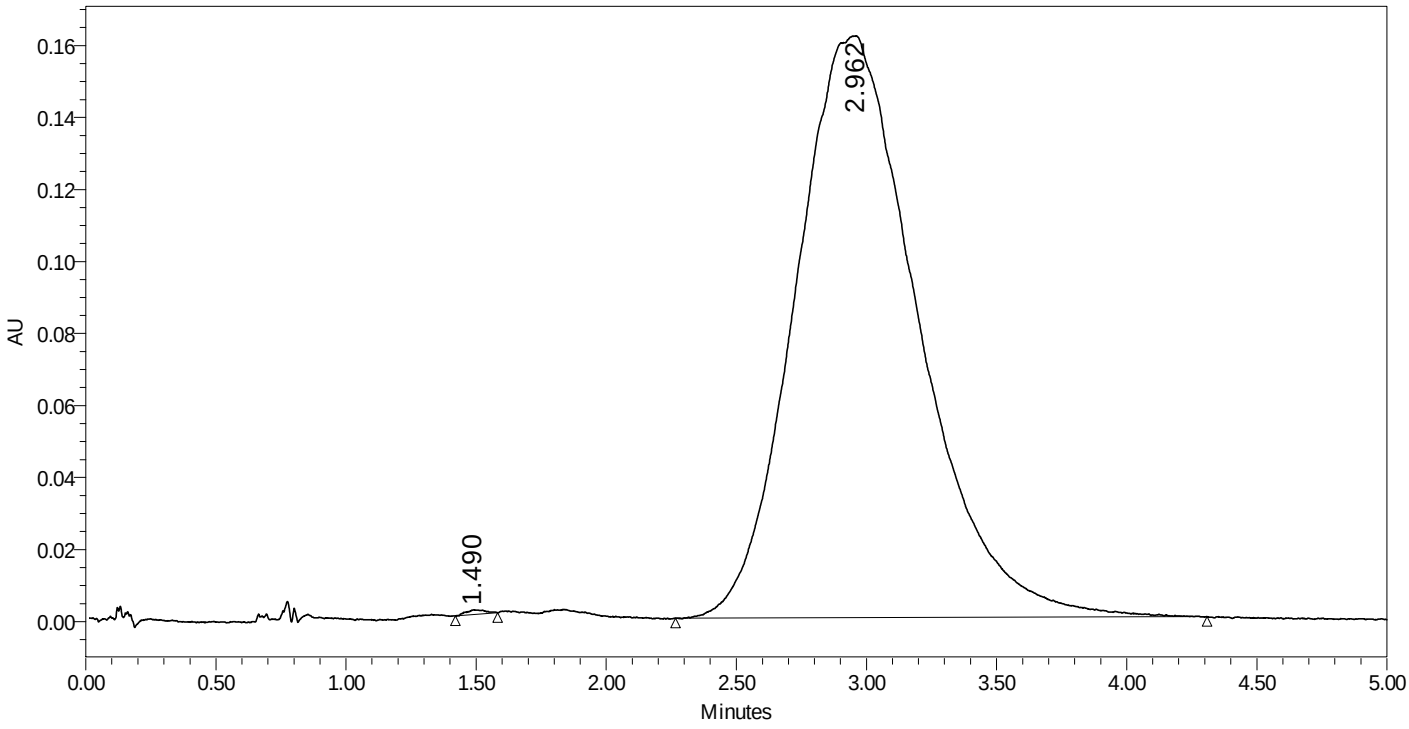
Peak #	RT [min]	Height	Height %	Width [min]	Area	Area %
1	1.921	0.827	0.429	0.017	0.909	0.347
2	2.002	191.905	99.571	0.021	260.836	99.653


*MSD1 SPC, time=2.030:2.044 of K:\151109A-G\A-GK92BG1.D
451.0
453.0
452.1
1E4
1E4
1E4
8E3
6E3
4E3
2E3
0
200
400
600
800
1E3
1E3
1E3
m/z

SFC CHIRAL REPORT

SAMPLE INFORMATION

Sample Name:	1000223-112-A_E1	Acquired By:	System
Compound ID:	1000223-112-A		
Acq. Method Set:	AD_3_EtOH_DEA_40_25ML	Vial:	1:C,4
Channel Name:	PDA Ch1 220nm@4.8nm -Compens.	Injection Volume:	3.00 ul
Proc. Chnl. Descr.:	PDA Ch1 220nm@4.8nm -Compens.	Run Time:	5.0 Minutes
Date Acquired:	11/9/2015 12:11:42 PM CST		
Date Processed:	11/9/2015 12:23:50 PM CST		



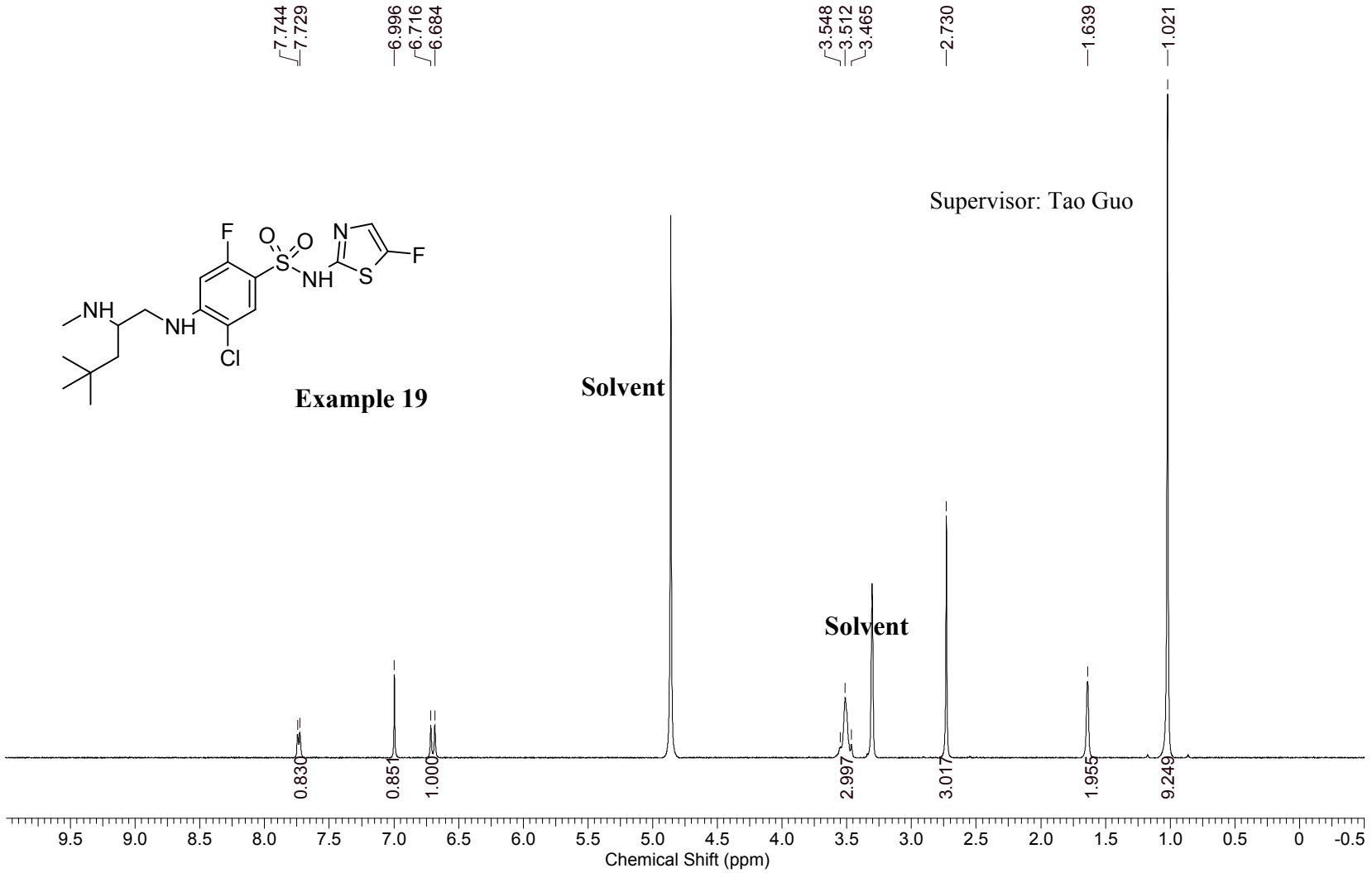
	RT	Area	% Area
1	1.490	6391	0.12
2	2.962	5296024	99.88

Operator:_____

Date:_____

Compound ID: EBR0084_C1746_A_003

1000709-021-a MeOD Varian_G_400MHz



Acquisition Time (sec)	2.2688
Comment	1000709-021-a MeOD Varian_G_400MHz
Date	Dec 2 2015
Frequency (MHz)	399.74
Nucleus	1H
Number of Transients	8
Original Points Count	16393
Points Count	32768
Pulse Sequence	s2pul
Receiver Gain	58.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2798.1553
Spectrum Type	STANDARD
Sweep Width (Hz)	7225.43
Temperature (degree C)	AMBIENT TEMPERATURE

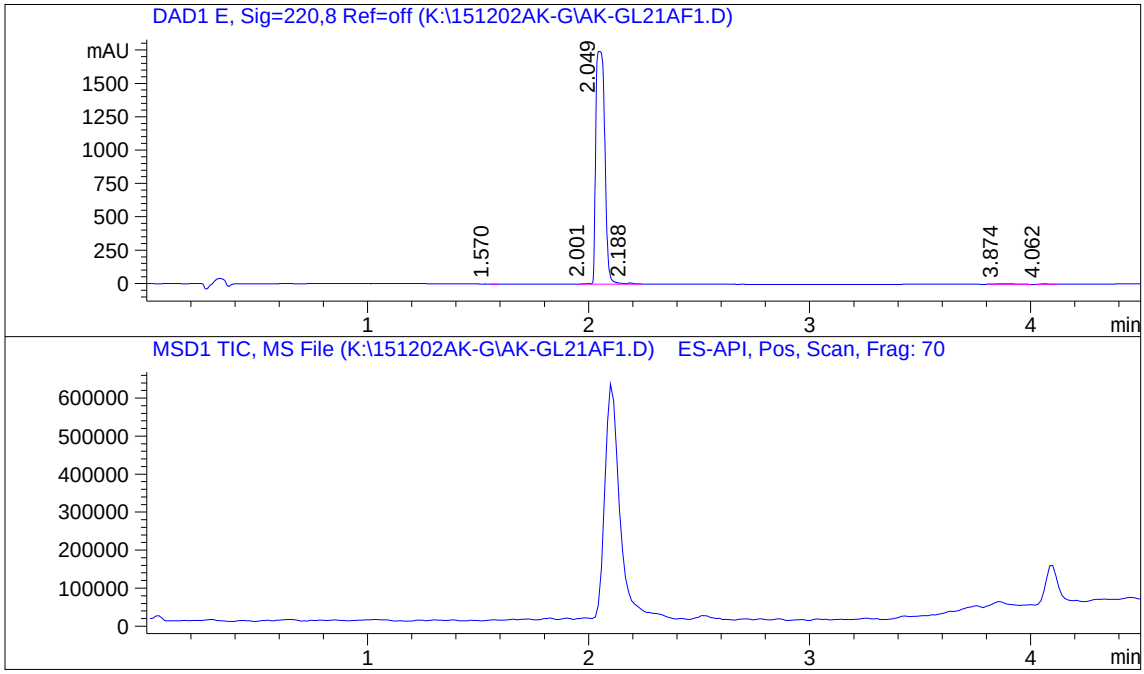
Operator:

Date:

EBR0084_C1746_A_003 MW:453.0

==========

Injection Date : Wed, 2. Dec. 2015
Acq Operator : AL260
Location : P1-A-06
Inj. Vol. : 2.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10-220.M
Data Filename : K:\151202AK-G\AK-GL21AF1.D
Instrument : AK



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Report

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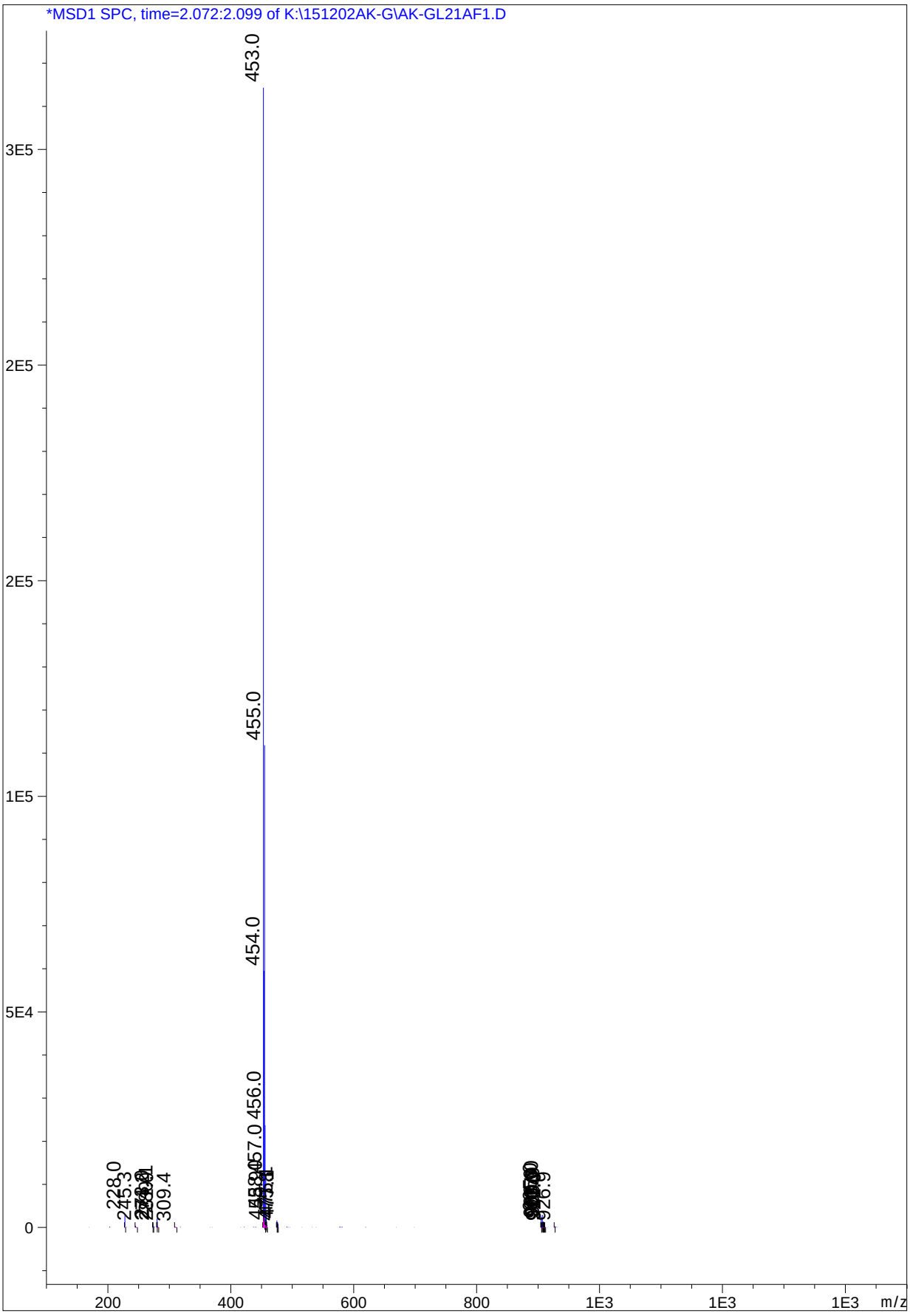
Signal 1 : DAD1 E, Sig=220,8 Ref=off

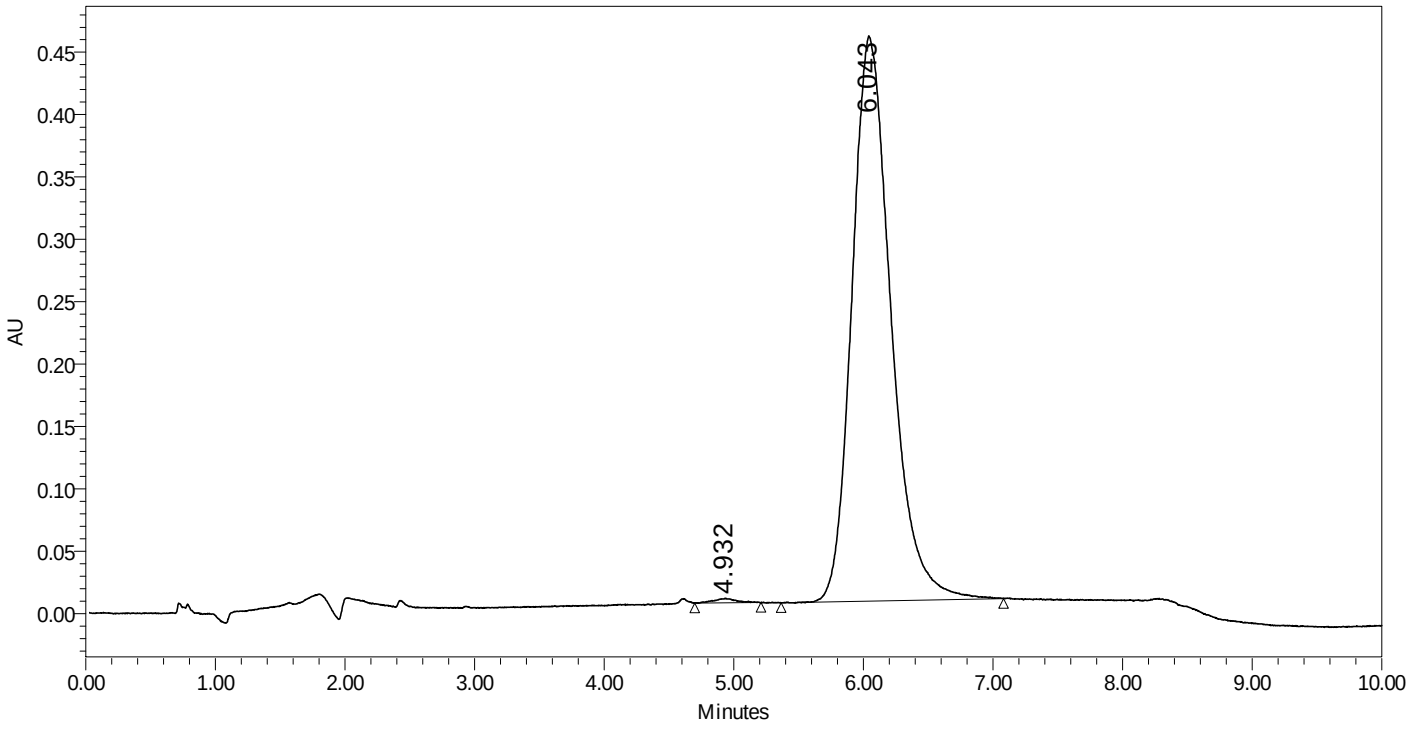
Peak #	RT [min]	Height	Height %	Width [min]	Area	Area %
1	1.570	0.606	0.034	0.014	0.532	0.011
2	2.001	5.869	0.332	0.024	9.765	0.196
3	2.049	1744.175	98.686	0.046	4921.833	98.807
4	2.188	7.980	0.452	0.028	15.559	0.312
5	3.874	4.496	0.254	0.072	24.747	0.497
6	4.062	4.278	0.242	0.032	8.813	0.177


*MSD1 SPC, time=2.072:2.099 of K:\151202AK-G\AK-GL21AF1.D
453.0
455.0
454.0
456.0
457.0
228.0
245.3
309.4
926.9
3E5
2E5
2E5
1E5
5E4
0
200
400
600
800
1E3
1E3
1E3
m/z

SFC CHIRAL REPORT

SAMPLE INFORMATION

Sample Name:	1000709-021-b_E1	Acquired By:	System
Compound ID:	EBR0084		
Acq. Method Set:	AD_3_EtOH_DEA_5_40_25ML	Vial:	2:D,4
Channel Name:	PDA Ch1 220nm@4.8nm -Compens.	Injection Volume:	8.00 ul
Proc. Chnl. Descr.:	PDA Ch1 220nm@4.8nm -Compens.	Run Time:	10.0 Minutes
Date Acquired:	12/7/2015 6:12:49 PM CST		
Date Processed:	12/8/2015 9:57:41 AM CST		

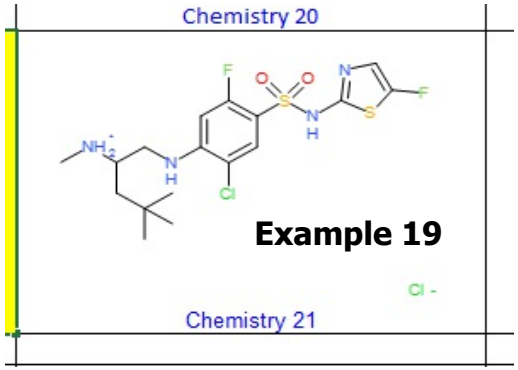


	RT	Area	% Area
1	4.932	40448	0.43
2	6.043	9462086	99.57

Operator:_____

Date:_____

5032208-0409-002F003_CD3OD.2.fid
c13-night-8hr MeOD /wp500l kelmicha 13

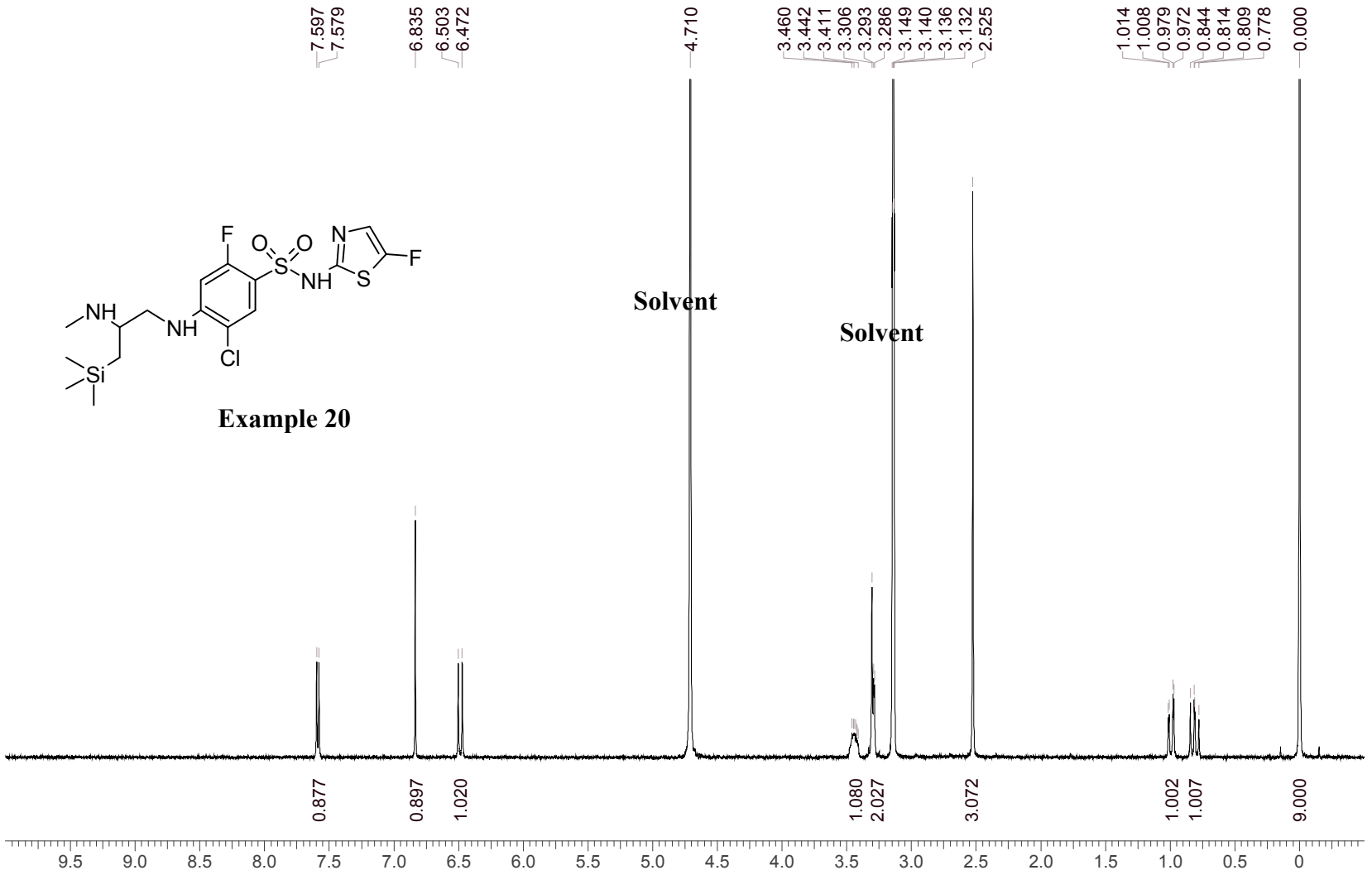


161.77
160.32
158.32
151.46
149.23
148.82
148.73
129.21
129.19
117.79
117.66
113.43
113.41
105.84
105.66
99.13
98.90
55.06
45.60
41.67
29.81
29.56
28.32

210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10
f1 (ppm)

Compound ID: EBR0084_C2140_A_002

1001203-093-2 MeOD Varian_G_400MHz



Example 20

Acquisition Time (sec)	2.2688
Comment	1001203-093-2 MeOD Varian_G_400MHz
Date	May 20 2016
Frequency (MHz)	399.7433
Nucleus	1H
Number of Transients	8
Original Points Count	16393
Points Count	32768
Pulse Sequence	s2pul
Receiver Gain	46.00
SW(cyclical) (Hz)	7225.43
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2733.0210
Spectrum Type	standard
Sweep Width (Hz)	7225.21
Temperature (degree C)	AMBIENT TEMPERATURE

Operator:

Date:

EBR0084_C2140_A_002 MW:469.0

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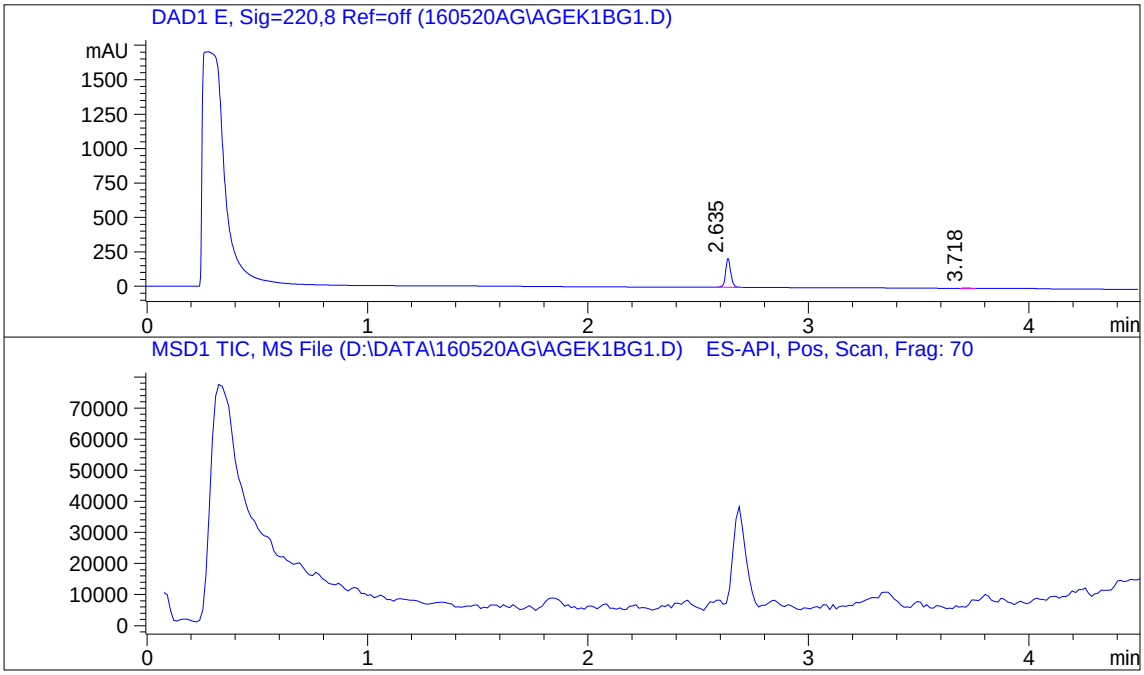
Injection Date : Fri, 20. May. 2016
Acq Operator : AL221
Location : P1-B-07
Inj. Vol. : 1.0ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB01-220.M
Data Filename : D:\DATA\160520AG\AGEK1BG1.D
Instrument : Z



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Report

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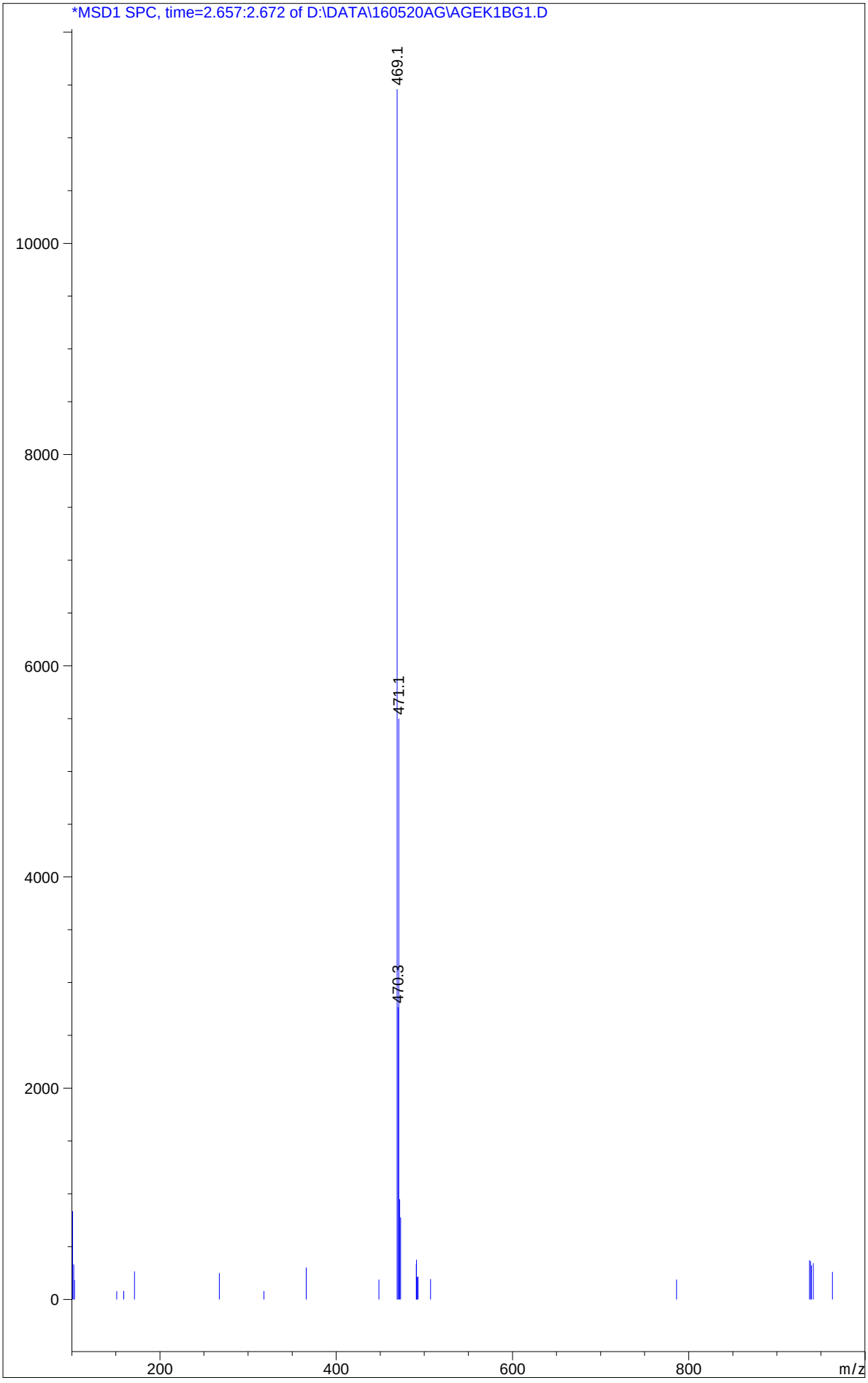
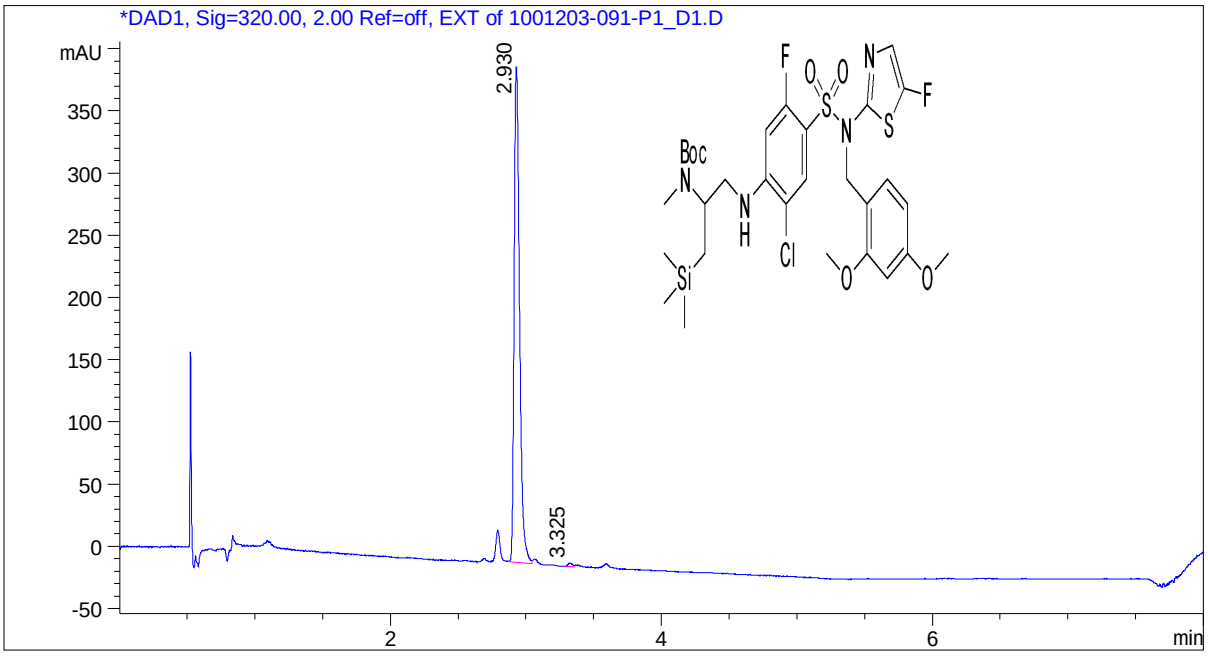
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Height	Height %	Width [min]	Area	Area %
1	2.635	209.171	99.070	0.025	338.629	99.123
2	3.718	1.964	0.930	0.023	2.996	0.877


*MSD1 SPC, time=2.657:2.672 of D:\DATA\160520AG\AGEK1BG1.D
469.1
471.1
470.3
10000
8000
6000
4000
2000
0
200
400
600
800
m/z

CHIRAL SFC REPORT

Compoumd ID : EBR0084 ->
Filename/Sample ID: 1001203-091-p1_D1
Injection Date : 5/13/2016
Acq Method : D:\DATA\201605\20160512N 1\AD_IPA(DEA)_5_40_2,8ML_8MI->
Data Filename : D:\DATA\201605\20160512N 1\1001203-091-P1_D1.D
Instrument : SFC-D (12-102)
Method : Column: Chiralpak AD-3 100×4.6mm I.D., 3um
Mobile phase: A: CO2 B:iso-propanol (0.05% DEA)
Gradient: from 5% to 40% of B in 4.5min and hold 40%
for 2.5 min, then 5% of B for 1min
Flow rate: 2.8mL/min Column temperature:40 ->



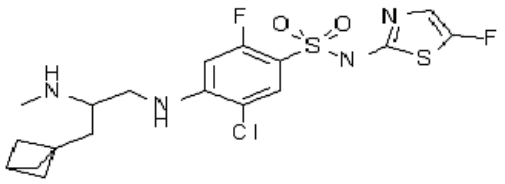
DAD1, Sig=320.00, 2.00 Ref=off, EXT

#	Meas. Ret. Time	Height	Height %	Width	Area	Area %
1	2.930	398.631	99.249	0.046	1096.467	99.405
2	3.325	3.016	0.751	0.036	6.567	0.595

Operator:_____
Date:_____

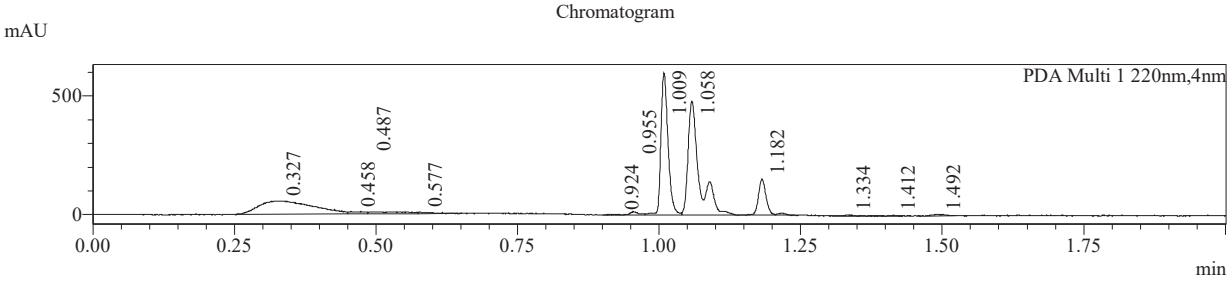
LCMS REPORT

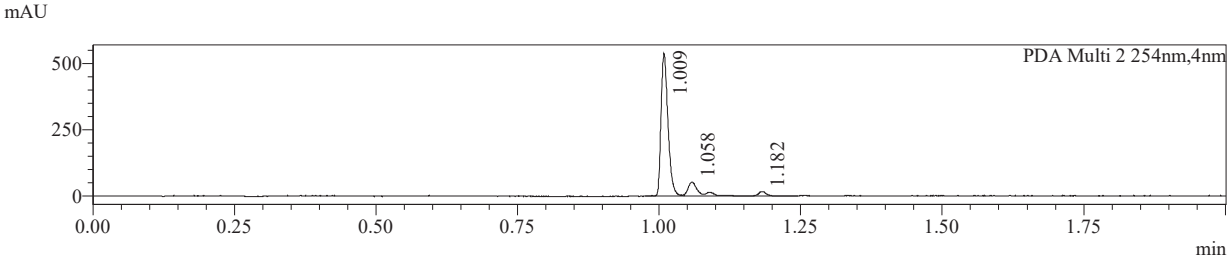
Compound ID :1
Sample ID : 0366156-0128-L1
Injection Date :12/4/2014 11:35:18
Injection Vol : 20ul
Location :tray1 vail20
Acq Method :10-80AB_2min_220&254.lcm
Org DateFile :0366156-0128-L1.lcd
Instrument & column:LCMS-AP 3-101
Xtimate C18, 3um,2.1*3mm



Exact Mass: 462.08

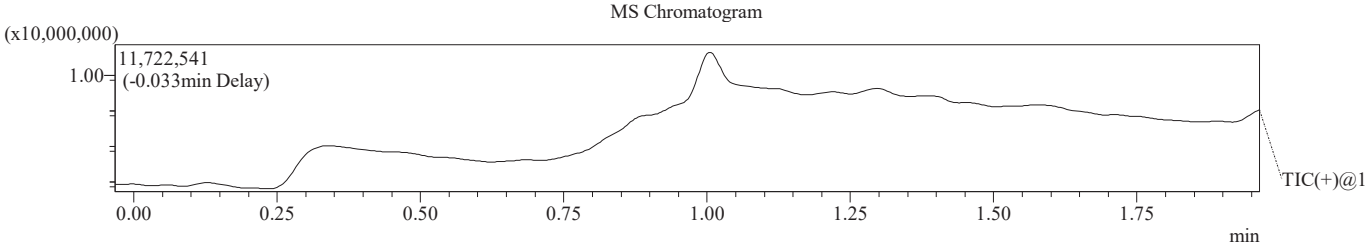
Chromatogram





1 PDA Multi 1 / 220nm,4nm
2 PDA Multi 2 / 254nm,4nm

MS Chromatogram



Integration Result

Peak Table

PDA Ch1 220nm

Peak#	Ret. Time	Height	Height%	USP Width	Area	Area%
1	0.327	55421	4.315	0.157	373545	20.493
2	0.458	8806	0.686	0.149	17351	0.952
3	0.487	7437	0.579	0.000	35297	1.936
4	0.577	5805	0.452	0.044	9938	0.545
5	0.924	2141	0.167	0.027	3771	0.207
6	0.955	12588	0.980	0.026	15435	0.847
7	1.009	566629	44.119	0.023	528850	29.013
8	1.058	468297	36.463	0.028	670000	36.757
9	1.182	145567	11.334	0.025	150566	8.260
10	1.334	3519	0.274	0.021	5188	0.285
11	1.412	1653	0.129	0.013	2787	0.153
12	1.492	6452	0.502	0.037	10061	0.552

Peak Table

PDA Ch2 254nm

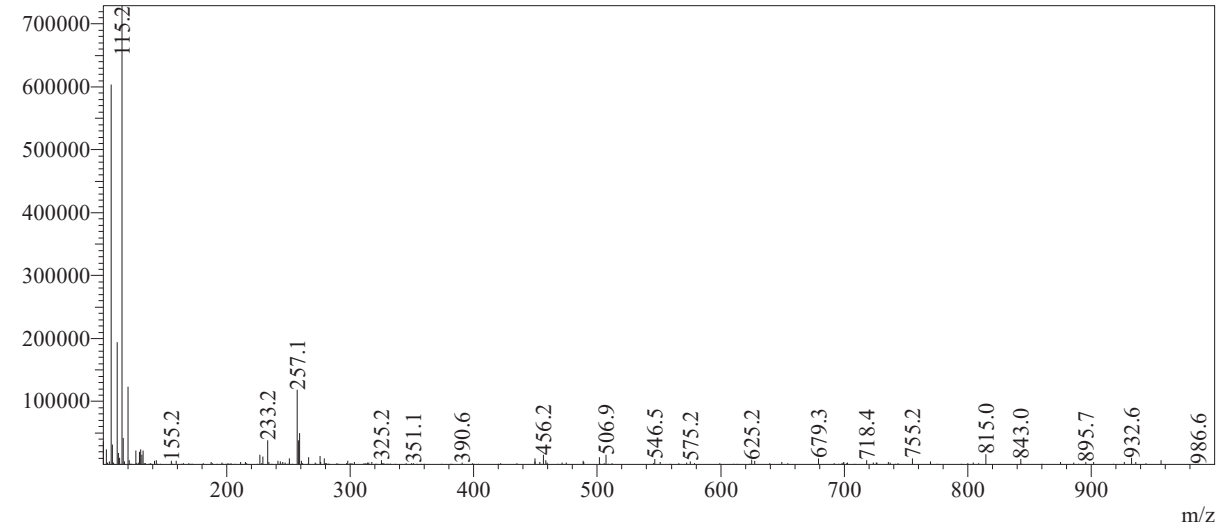
Peak#	Ret. Time	Height	Height%	USP Width	Area	Area%
1	1.009	506763	88.108	0.023	461468	82.807
2	1.058	51639	8.978	0.029	76987	13.815
3	1.182	16758	2.914	0.025	18829	3.379

Operator:_____

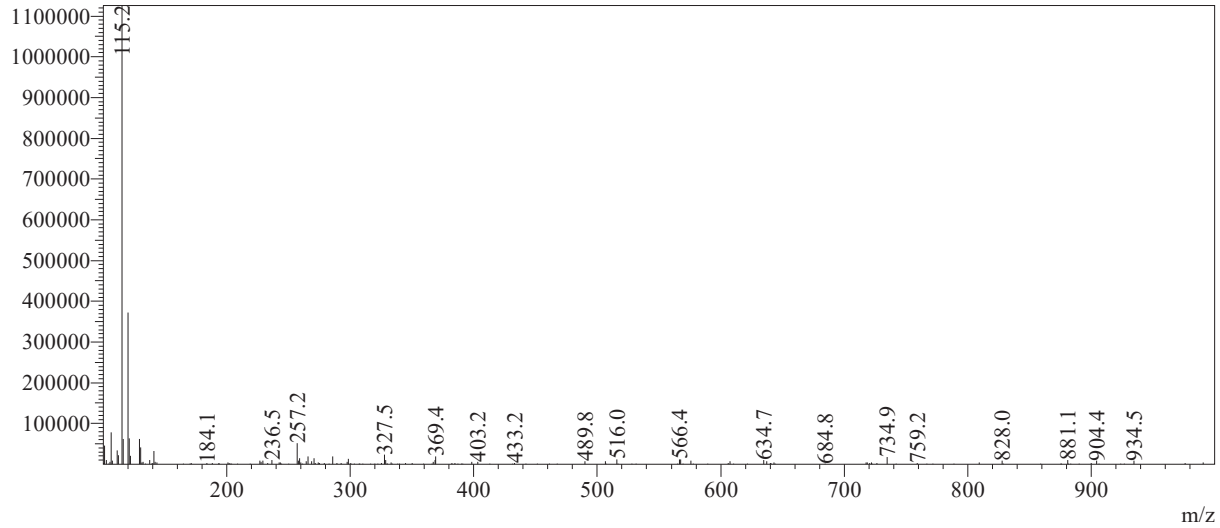
Date:_____

Mass Spectrum

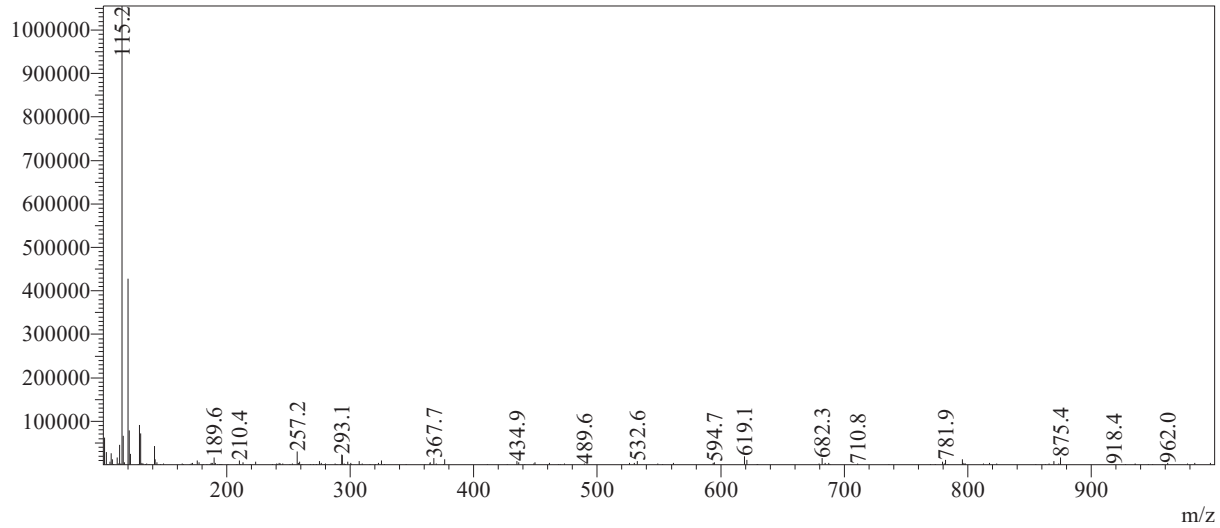
RetTime:0.327 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd



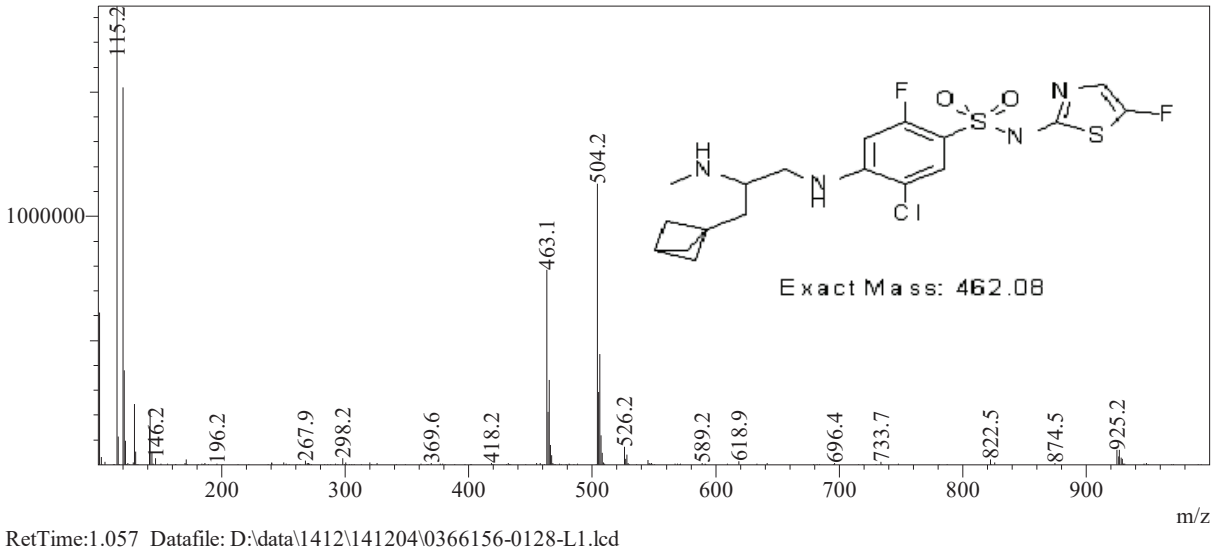
RetTime:0.457 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd



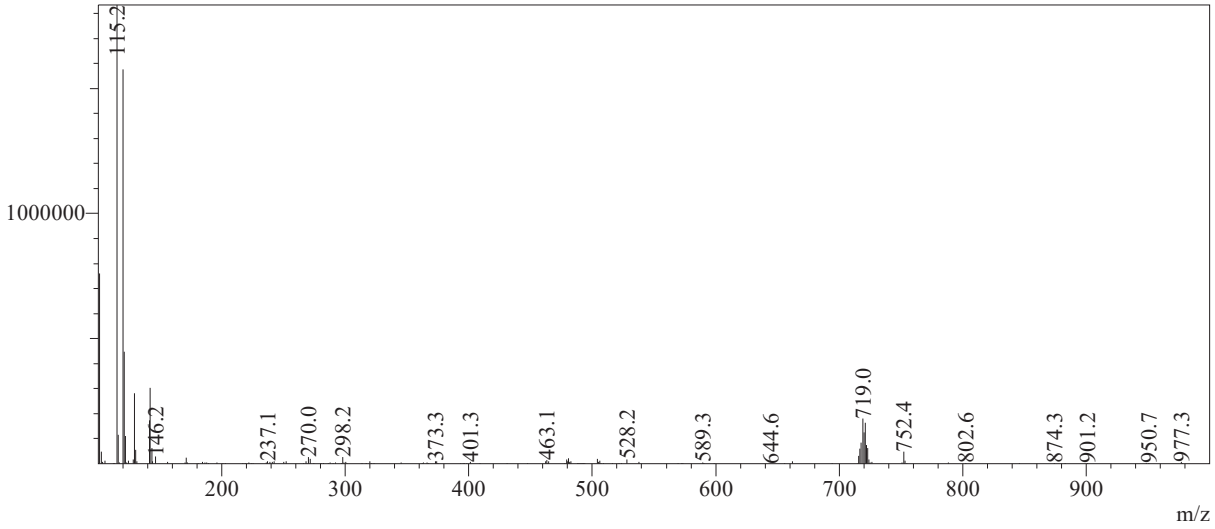
RetTime:0.487 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd



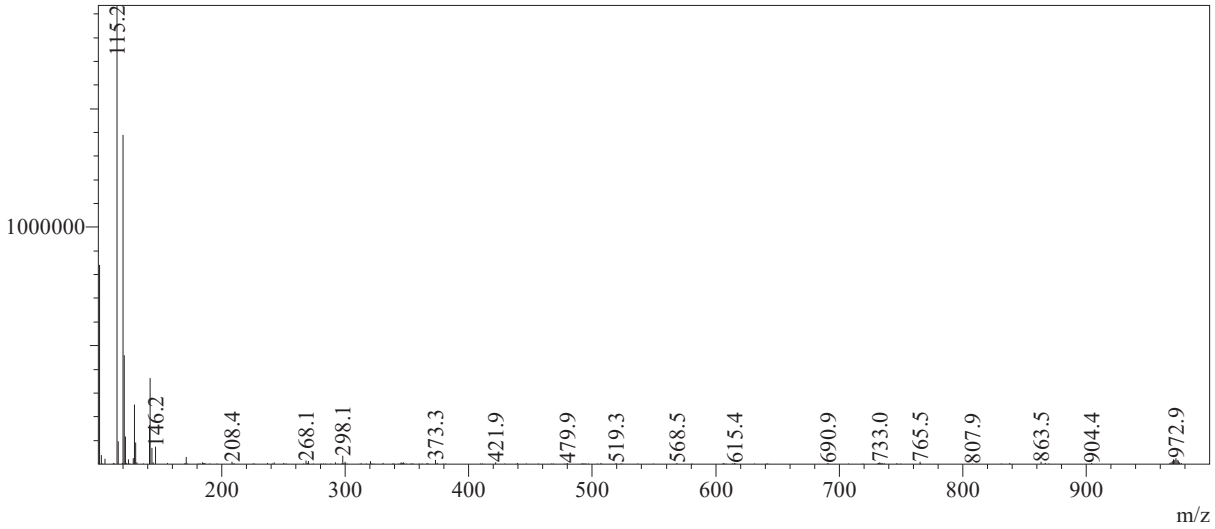
RetTime:1.010 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd



RetTime:1.057 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd

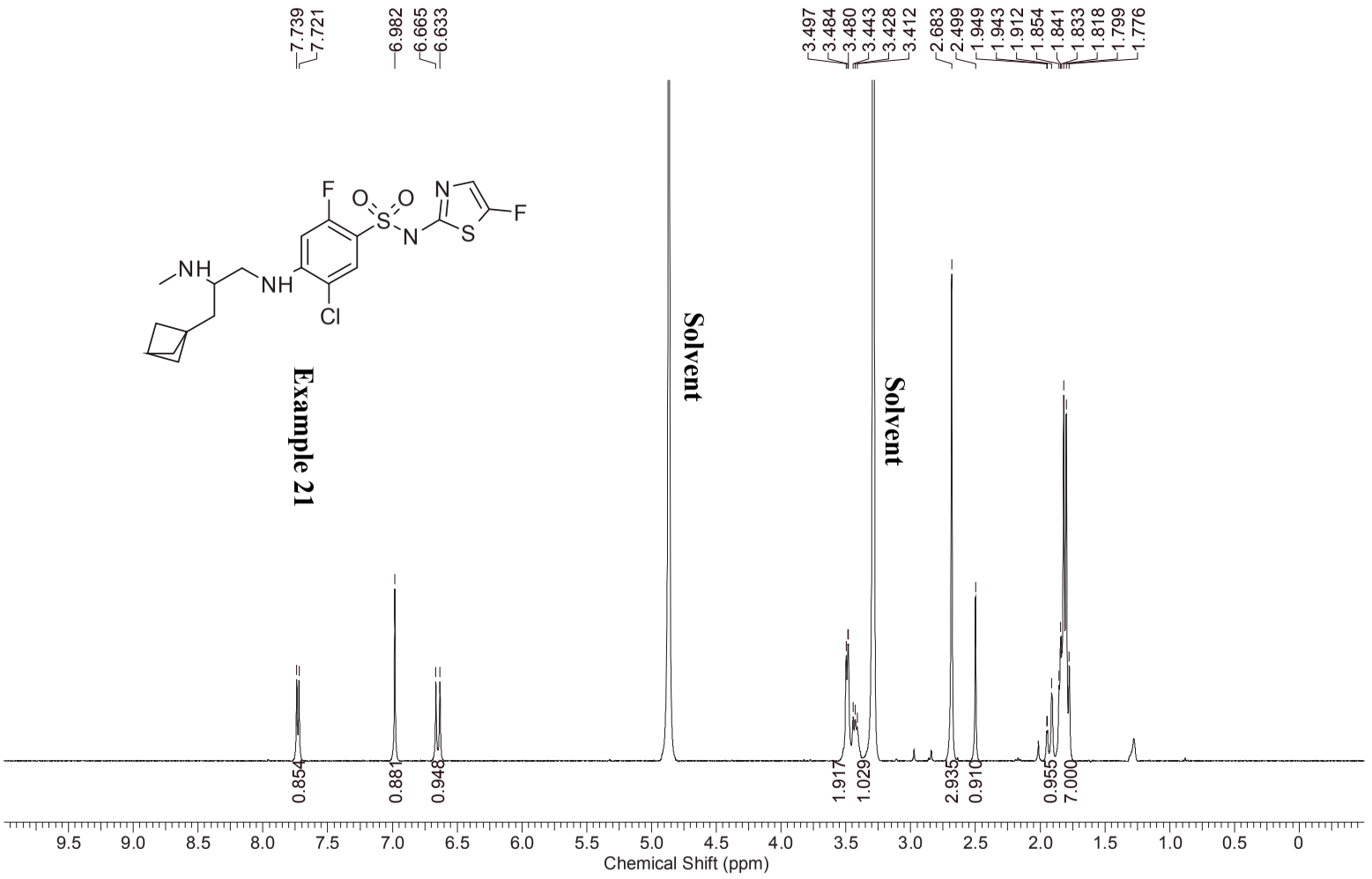


RetTime:1.183 Datafile: D:\data\1412\141204\0366156-0128-L1.lcd



Compound ID: EBR0084_C1873_A_001

360432 0366156-0128-1A MeOD varian 400



Acquisition Time (sec)	3.0000
Comment	360432 0366156-0128-1A MeOD varian 400
Date	Dec 5 2014
Frequency (MHz)	399.88
Nucleus	1H
Number of Transients	8
Original Points Count	19231
Points Count	32768
Pulse Sequence	s2pul
Receiver Gain	60.00
Solvent	METHANOL-d4
Spectrum Offset (Hz)	2399.2805
Spectrum Type	STANDARD
Sweep Width (Hz)	6410.26
Temperature (degree C)	AMBIENT TEMPERATURE

Operator: Date:

EBR0084_C1873_A_001 MW:463.0

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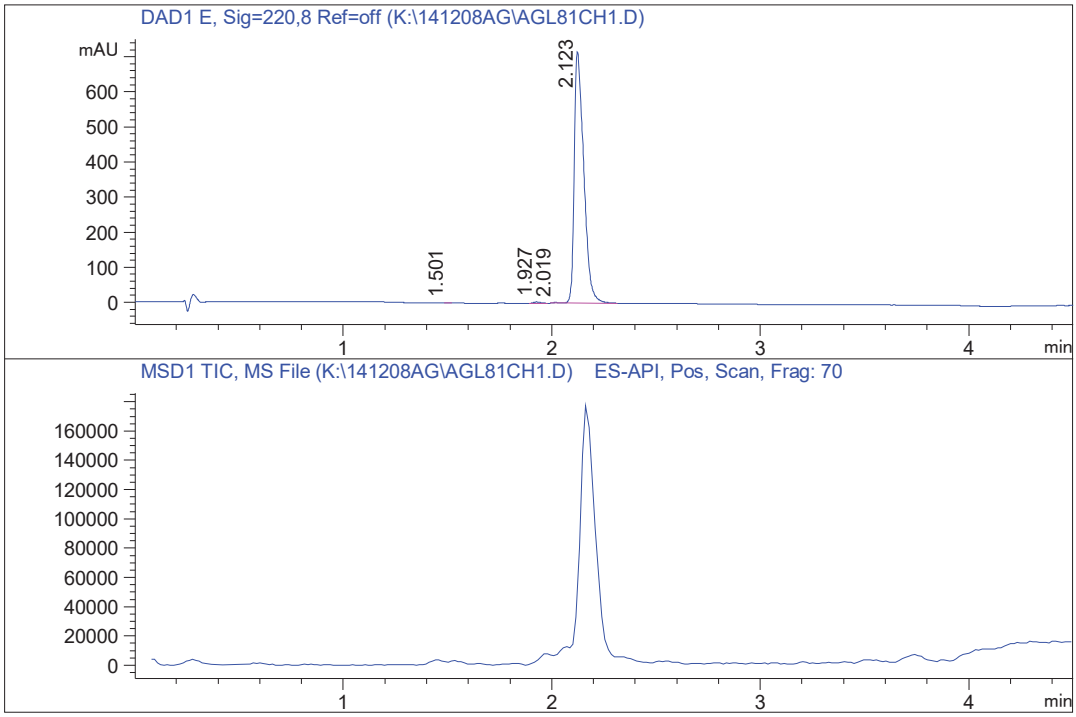
Injection Date : Mon, 8. Dec. 2014
Acq Operator : AL260
Location : P1-C-08
Inj. Vol. : 1.0 ul
Acq Method : C:\CHEM32\1\METHODS\WUXIAB10.M
Data Filename : K:\141208AG\AGL81CH1.D
LC-MS



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Report

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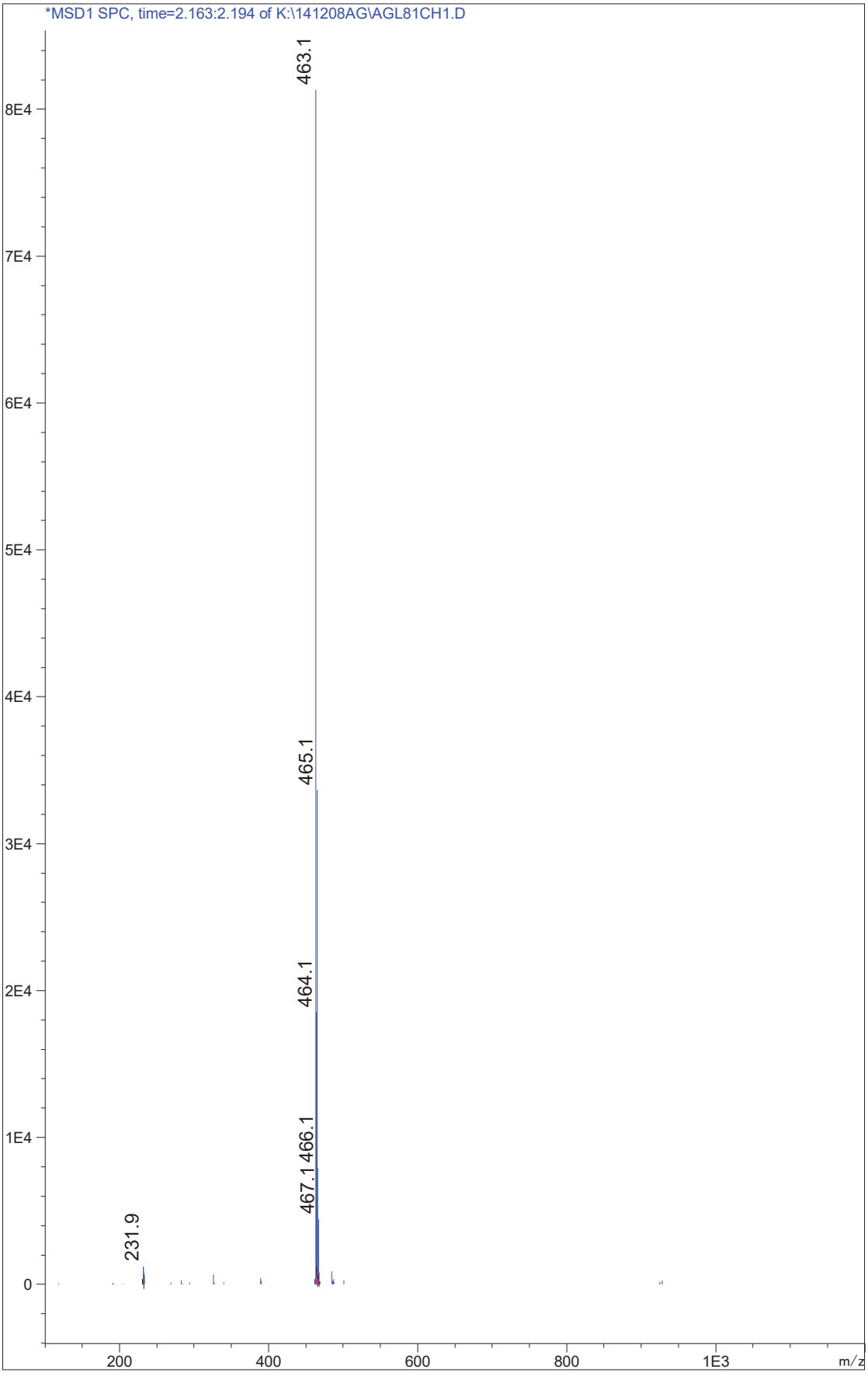
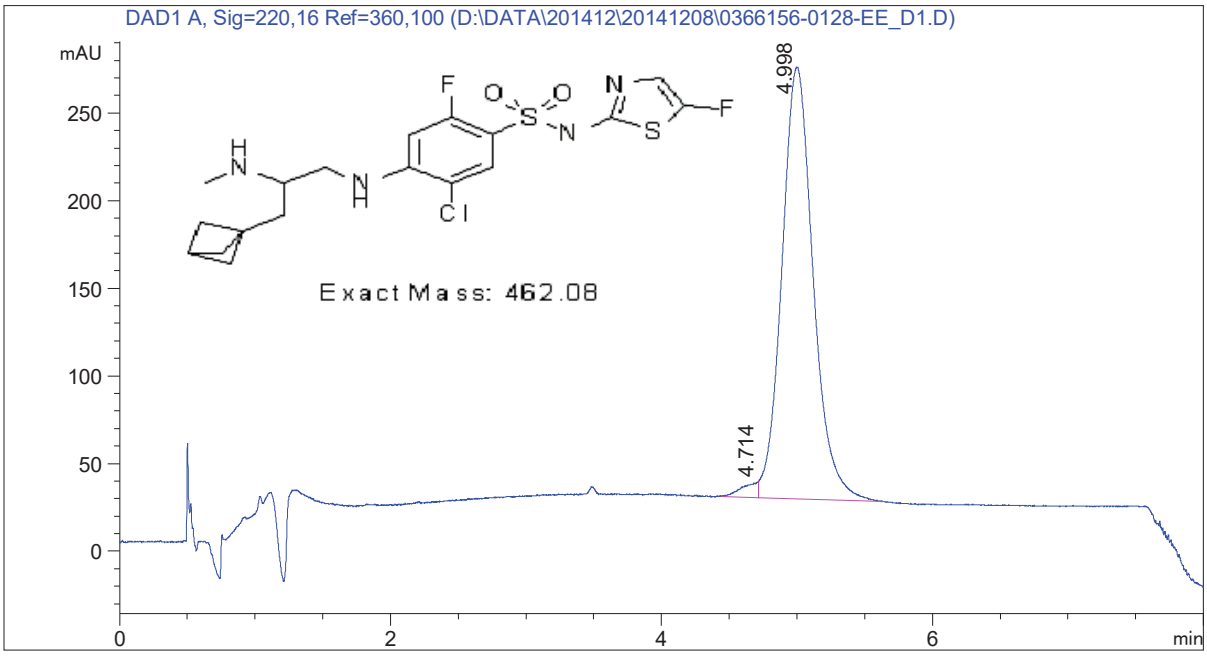
Signal 1 : DAD1 E, Sig=220,8 Ref=off

Peak #	RT [min]	Area	Height	Height %	Width [min]	Area %
1	1.501	0.947	0.718	0.099	0.022	0.042
2	1.927	9.459	4.056	0.561	0.035	0.415
3	2.019	4.651	1.833	0.253	0.042	0.204
4	2.123	2264.945	716.896	99.087	0.053	99.340



CHIRAL SFC REPORT

Compoumd ID : 0366156-0128-ee ->
Filename/Sample ID: 0366156-0128-ee_D1
Injection Date : 12/8/2014
Acq Method : D:\DATA\201412\20141208\AD_ETOH(DEA)_5_40_2,8ML_8MIN.M
Data Filename : D:\DATA\201412\20141208\0366156-0128-EE_D1.D
Instrument : SFC-D (12-102)
Method : Column: Chiralpak AD-3 100×4.6mm I.D., 3um
Mobile phase: A: CO2 B:ethanol (0.05% DEA)
Gradient: from 5% to 40% of B in 4.5min and hold 40% for 2.5 min, then 5% of B for 1 min
Flow rate: 2.8mL/min Column temperature:40 C ->



DAD1 A, Sig=220,16 Ref=360,100

#	Meas. Ret. Time	Height	Height %	Width	Area	Area %
1	4.714	8.951	3.507	0.133	71.425	1.771
2	4.998	246.298	96.493	0.268	3960.628	98.229

Operator:_____
Date:_____