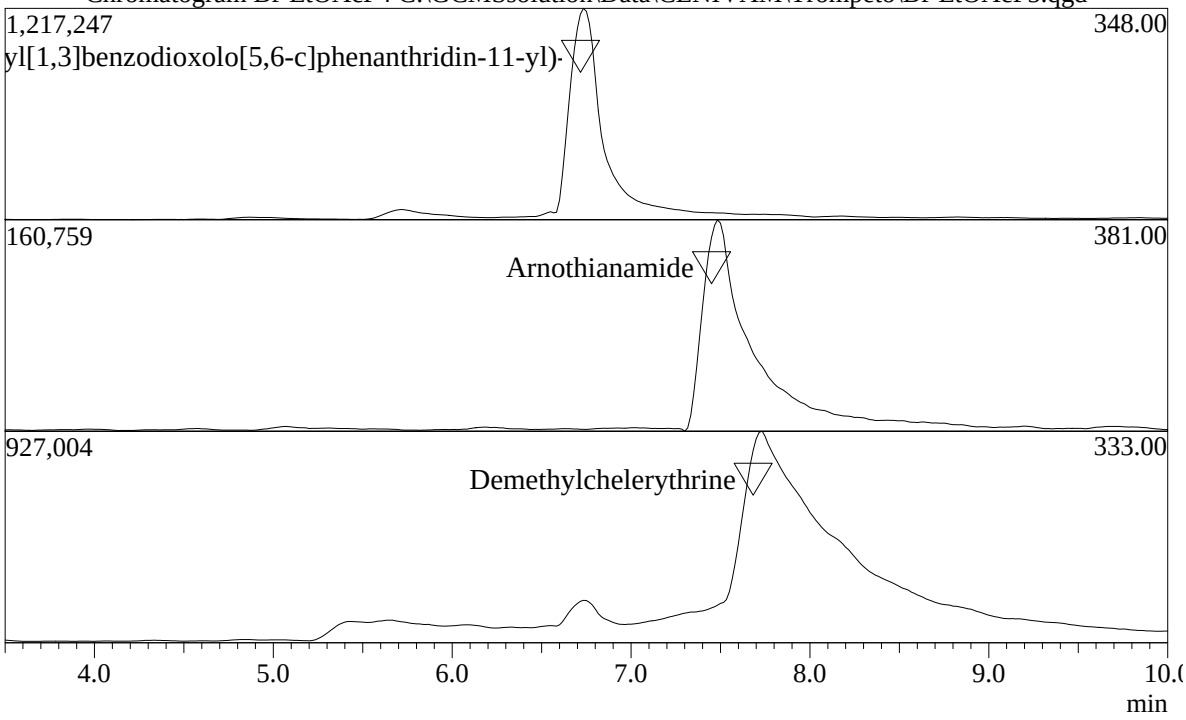
CERTICADO DE CALIDAD/QUALITY CERTIFICATE

Reporte/Report : Bf-EtOAcF4
Fecha/Date : 3/10/2007 3:36:32 PM

Identificación de la muestra/Sample ID : Bf-EtOAcF4
Vol. Inyeccion/Injection Vol.: 2.000
Archivo/Data File : C:\GCMSsolution\Data\CENIVAM\Trompeto\Bf-EtOAcF5.qgd
Método/Method File : C:\GCMSsolution\Data\CENIVAM\linas\Justi\ESTEROIDESLINAS.qgm
Tuning File : C:\GCMSsolution\System\Tune1\CPN-SEI10260CLOSE20070222.qgt
Descripcion muestra/Sample Descr. :

Chromatogram Bf-EtOAcF4 C:\GCMSsolution\Data\CENIVAM\Trompeto\Bf-EtOAcF5.qgd

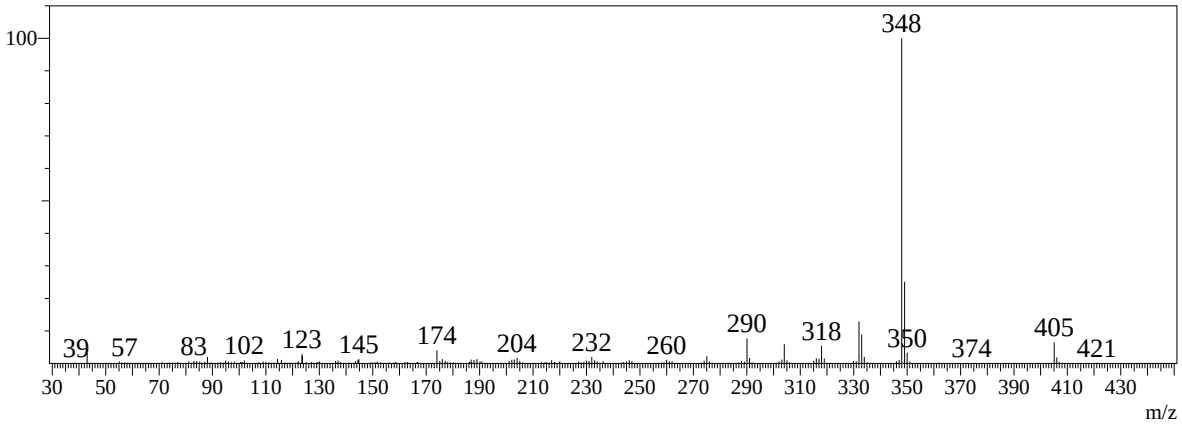


Quantitative Result Table

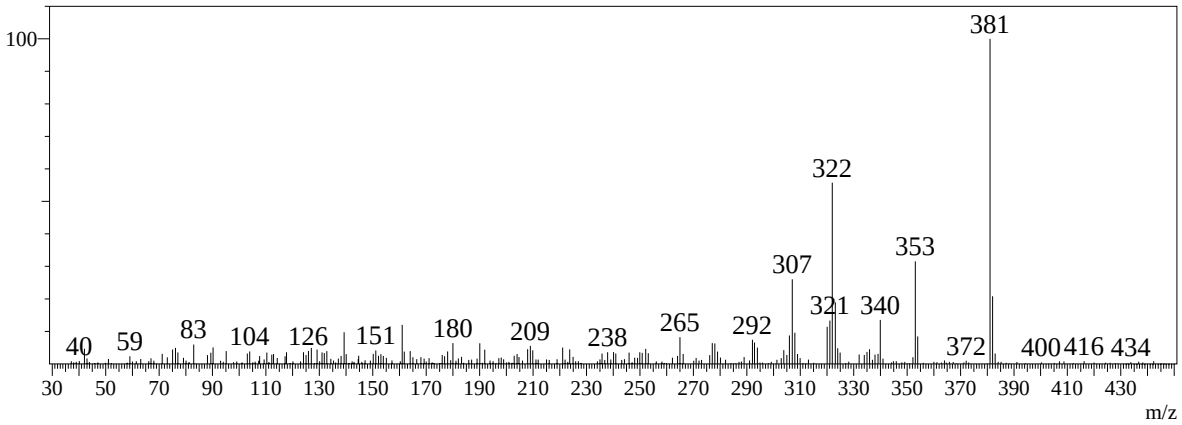
ID#	R.Time	Name	m/z	Area	Conc.	nilarity
1	6.736	2-Propanone, 1-(12,13-dihydro-1,2-dimethoxy-12-methyl[1,3]ben	348	14580402	41.5	96
2	7.485	Arnothianamide	381	2630067	7.5	80
3	7.727	Demethylchelerythrine	333	17927372	51.0	89

Spectrum

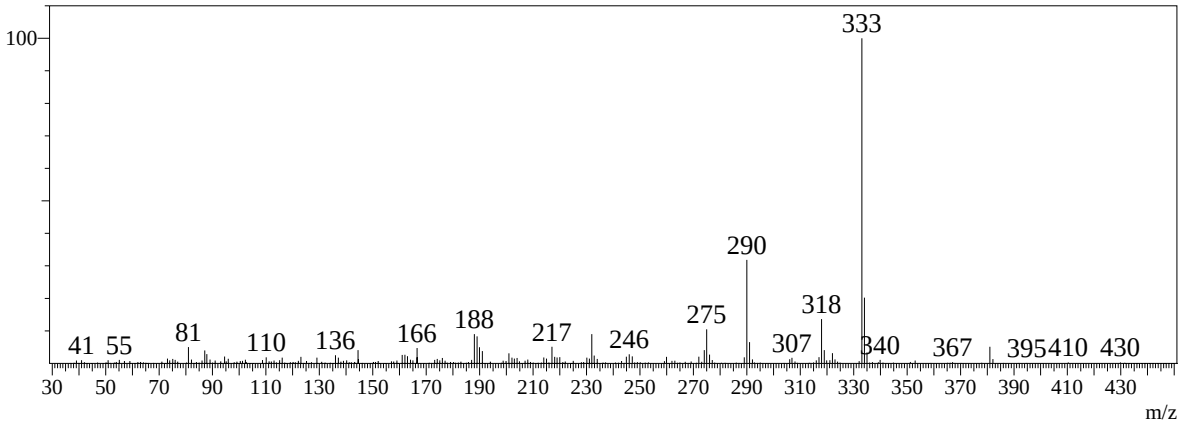
ID#:1 R.Time:6.7(Scan#:195)
MassPeaks:408
RawMode:Averaged 6.7-6.8(194-196)
BG Mode:Calc. from Peak



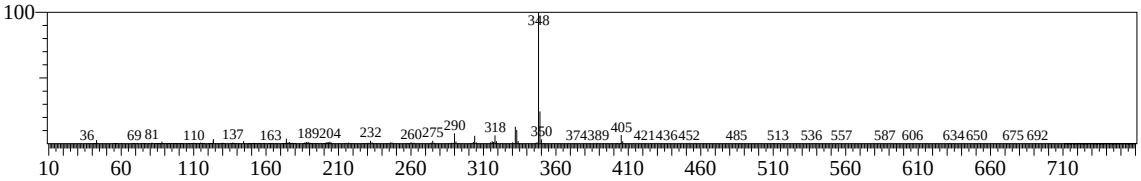
ID#:2 R.Time:7.5(Scan#:240)
MassPeaks:399
RawMode:Averaged 7.5-7.5(239-241)
BG Mode:Calc. from Peak



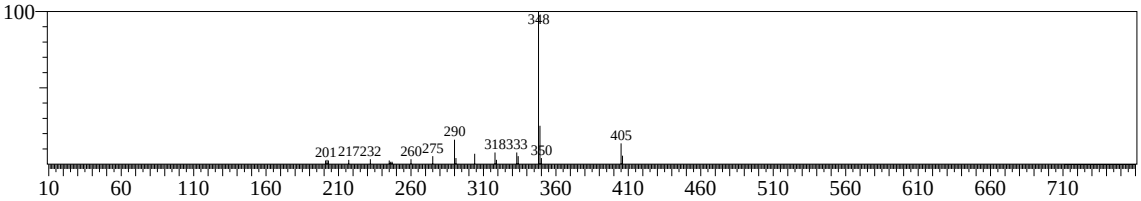
ID#:3 R.Time:7.7(Scan#:255)
MassPeaks:429
RawMode:Averaged 7.7-7.8(254-256)
BG Mode:Calc. from Peak



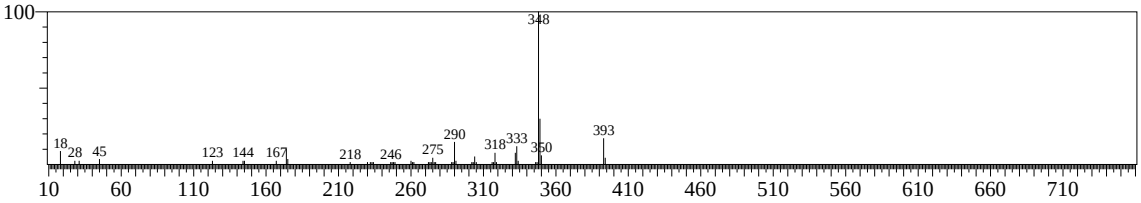
Library
<< Target >>
Line#:1 R.Time:6.717(Scan#:194) MassPeaks:408
RawMode:Averaged 6.700-6.733(193-195) BasePeak:348.00(2111105)
BG Mode:Calc. from Peak



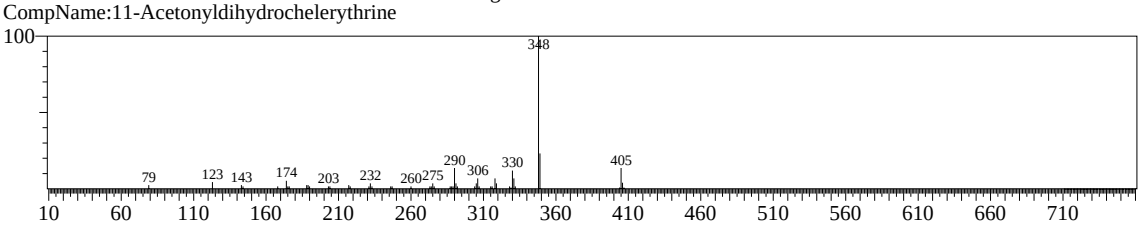
Hit#:1 Entry:383031 Library:WILEY7N2.LIB
SI:83 Formula:C24H23NO5 CAS:56051-44-6 MolWeight:405 RetIndex:0
CompName:2-Propanone, 1-(12,13-dihydro-1,2-dimethoxy-12-methyl[1,3]benzodioxolo[5,6-c]phenanthridin-11-yl)-



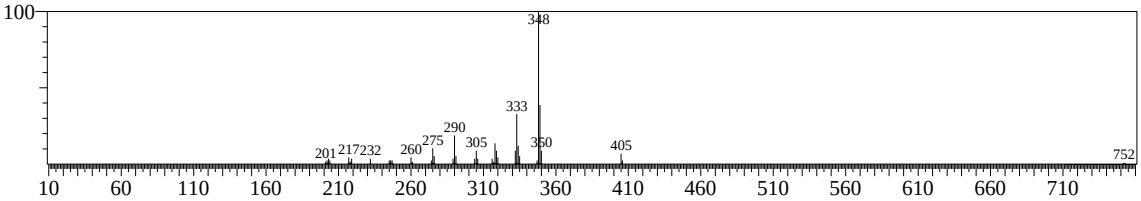
Hit#:2 Entry:375419 Library:WILEY7N2.LIB
SI:80 Formula:C23H23NO5 CAS:0-0-0 MolWeight:393 RetIndex:0
CompName:Ethoxychelerythrine



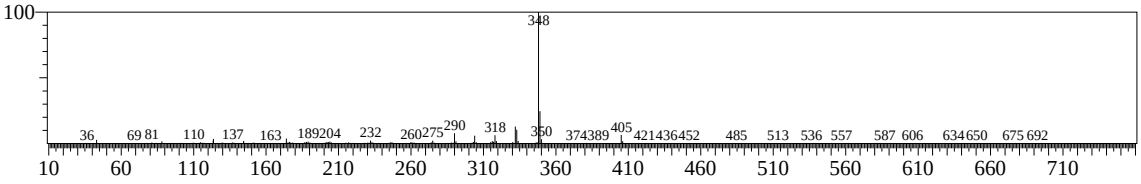
Hit#:3 Entry:383030 Library:WILEY7N2.LIB
SI:79 Formula:C24H23NO5 CAS:56051-44-6 MolWeight:405 RetIndex:0
CompName:11-Acetonyldihydrochelerythrine



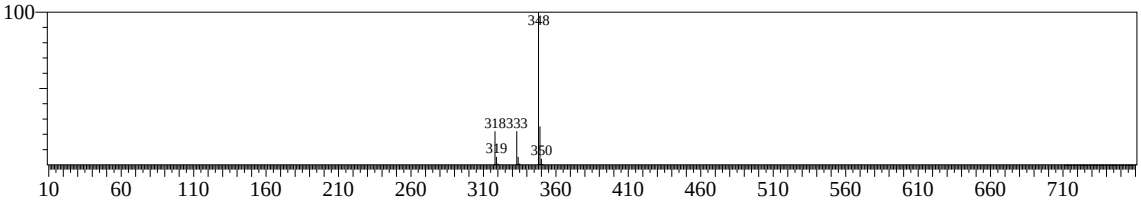
Hit#:4 Entry:439162 Library:WILEY7N2.LIB
SI:78 Formula:C45H40N2O9 CAS:0-0-0 MolWeight:752 RetIndex:0
CompName:1,3-Bis-(11-Hydrochelerythrinyl)-Acetone



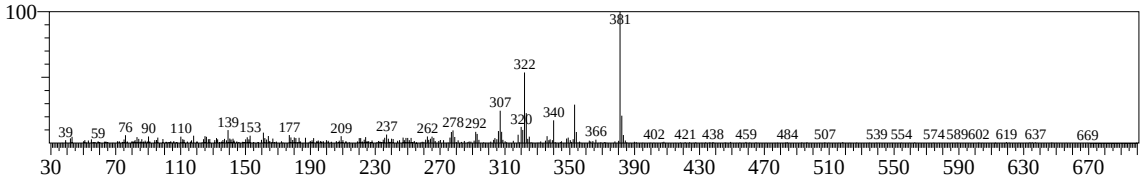
<< Target >>
Line#:1 R.Time:6.717(Scan#:194) MassPeaks:408
RawMode:Averaged 6.700-6.733(193-195) BasePeak:348.00(2111105)
BG Mode:Calc. from Peak



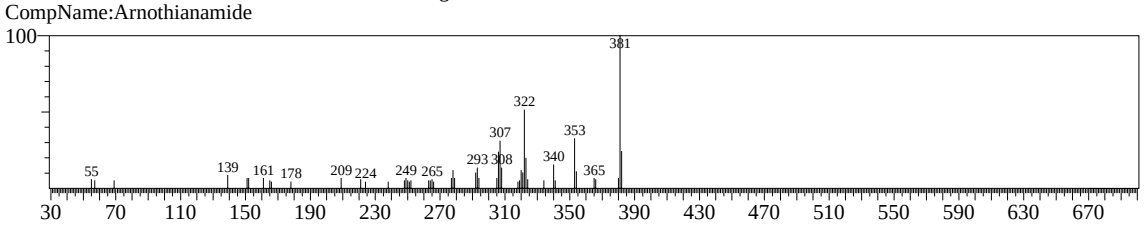
Hit#:5 Entry:338479 Library:WILEY7N2.LIB
SI:75 Formula:C22H20O4 CAS:102521-7-3 MolWeight:348 RetIndex:0
CompName:Dicyclopenta[ef,kl]heptalene-1,2-dicarboxylic acid, 10b,10c-dihydro-10b,10c-dimethyl-, dimethyl ester, trans- (CAS)



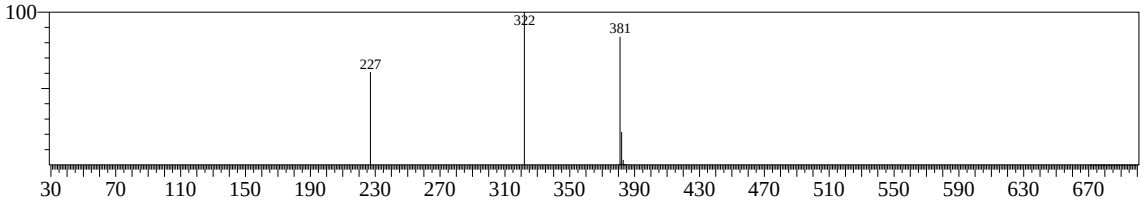
<< Target >>
Line#:2 R.Time:7.450(Scan#:238) MassPeaks:396
RawMode:Averaged 7.433-7.467(237-239) BasePeak:381.00(200000)
BG Mode:Calc. from Peak



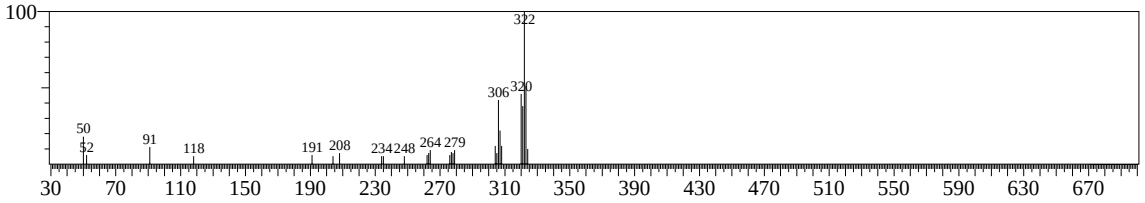
Hit#:1 Entry:366749 Library:WILEY7N2.LIB
SI:74 Formula:C21H19NO6 CAS:0-0-0 MolWeight:381 RetIndex:0
CompName:Arnothianamide



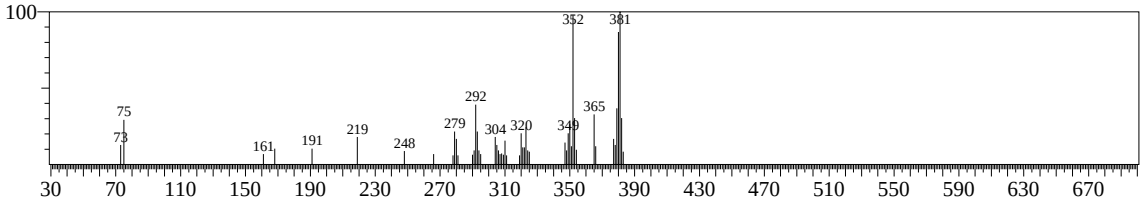
Hit#:2 Entry:366798 Library:WILEY7N2.LIB
SI:45 Formula:C22H23NO5 CAS:0-0-0 MolWeight:381 RetIndex:0
CompName:(+-)-1-(3,5-Dimethyl-4-hydroxyphenyl)-9-(methoxycarbonyl)-1,2,3,4-hydroxycarbazole



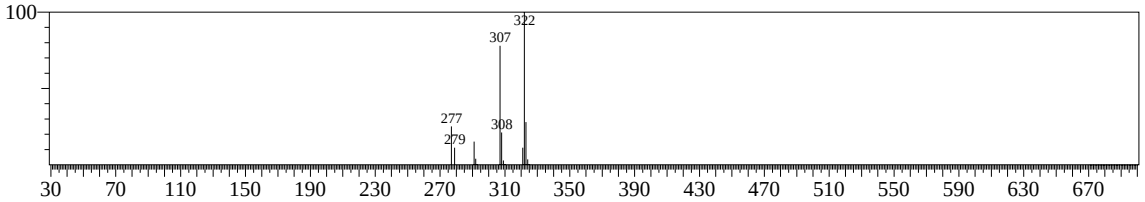
Hit#:3 Entry:346615 Library:WILEY7N2.LIB
SI:44 Formula:C20H20ClNO3 CAS:19717-36-3 MolWeight:357 RetIndex:0
CompName:Berbinium, 7,8,13,13a-tetradehydro-2,3,11-trimethoxy-, chloride (CAS)



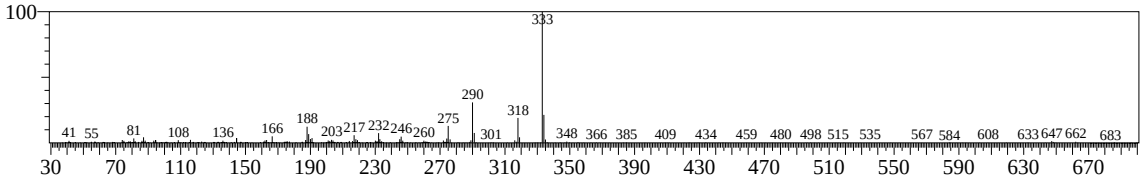
Hit#:4 Entry:366844 Library:WILEY7N2.LIB
SI:44 Formula:C23H31NO2Si CAS:73885-59-3 MolWeight:381 RetIndex:0
CompName:TMS DERIVATIVE OF N-N-PROPYLNORAPOCODEINE



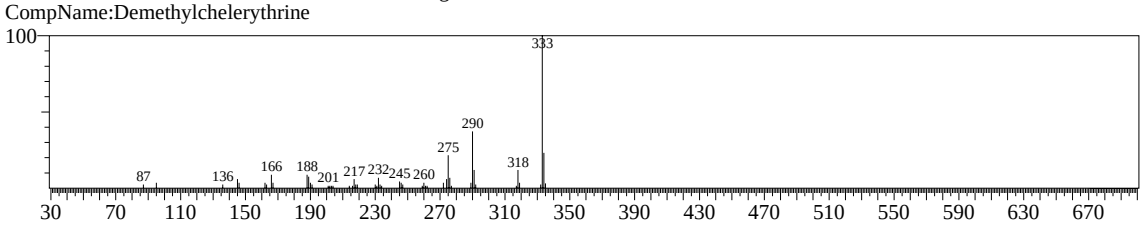
Hit#:5 Entry:310397 Library:WILEY7N2.LIB
SI:43 Formula:C25H22 CAS:76804-52-9 MolWeight:322 RetIndex:0
CompName:9-(2,6-Bis(1-methylethenyl)phenyl)fluorene $$ 9H-Fluorene, 9-[2,6-bis(1-methylethenyl)phenyl]- (CAS)



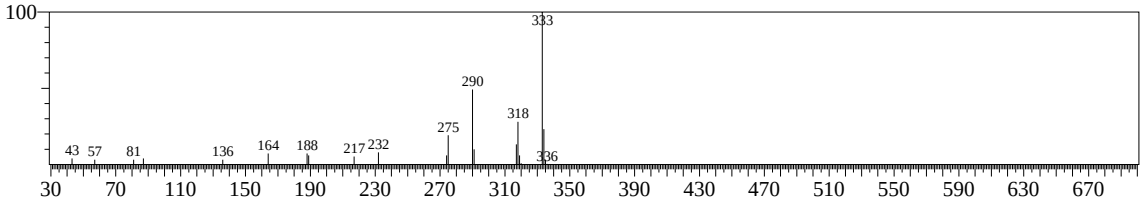
<< Target >>
Line#:3 R.Time:7.683(Scan#:252) MassPeaks:371
RawMode:Averaged 7.667-7.700(251-253) BasePeak:333.00(781015)
BG Mode:Calc. from Peak



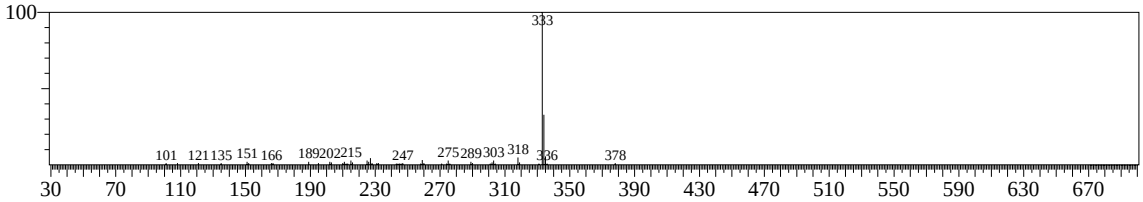
Hit#:1 Entry:322689 Library:WILEY7N2.LIB
SI:87 Formula:C20H15NO4 CAS:0-0-0 MolWeight:333 RetIndex:0
CompName:Demethylchelerythrine



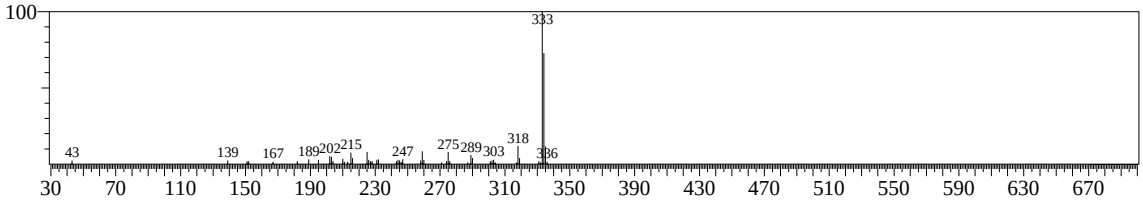
Hit#:2 Entry:322688 Library:WILEY7N2.LIB
SI:79 Formula:C20H15NO4 CAS:6900-99-8 MolWeight:333 RetIndex:0
CompName:Norchelerythrine $$ [1,3]Benzodioxolo[5,6-c]phenanthridine, 1,2-dimethoxy- (CAS) $$ Norchelerythrin $$ N-Norchele



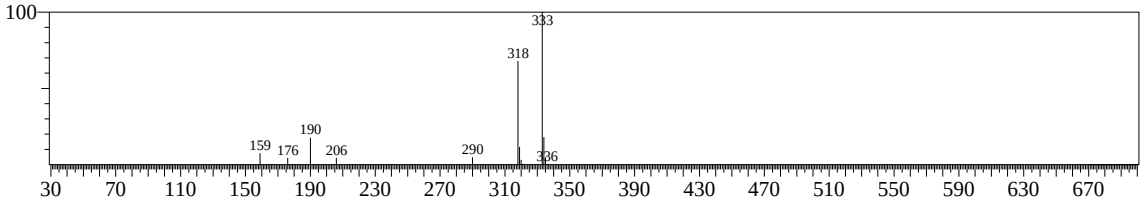
Hit#:3 Entry:364909 Library:WILEY7N2.LIB
SI:65 Formula:C23H22O5 CAS:95431-48-4 MolWeight:378 RetIndex:0
CompName:Acetic acid, tris(4-methoxyphenyl)- $$ Tris(4-methoxyphenyl)acetic acid #



Hit#:4 Entry:363542 Library:WILEY7N2.LIB
SI:63 Formula:C24H24O4 CAS:0-0-0 MolWeight:376 RetIndex:0
CompName:1,1,1-Tris(4-methoxyphenyl)acetone



Hit#:5 Entry:322210 Library:WILEY7N2.LIB
SI:62 Formula:C11H16INOSi CAS:88761-39-1 MolWeight:333 RetIndex:0
CompName:2,3-Dihydro-6-iodo-7-(trimethylsilyl)-5(1H)-indolizinone



[Comment]

===== Analytical Line 1 =====

[AOC-20i+s]

# of Rinses with Presolvent	:3
# of Rinses with Solvent(post)	:5
# of Rinses with Sample	:3
Plunger Speed(Suction)	:Middle
Viscosity Comp. Time	:0.0 sec
Plunger Speed(Injection)	:High
Syringe Insertion Speed	:High
Injection Mode	:Normal
Pumping Times	:5
Inj. Port Dwell Time	:0.0 sec
Terminal Air Gap	:No
Plunger Washing Speed	:High
Washing Volume	:8uL
Syringe Suction Position	:0.0 mm
Syringe Injection Position	:0.0 mm
Solvent Selection	:All A,B,C

[GC-2010]

Column Oven Temp.	:275.0 °C
Injection Temp.	:310.00 °C
Injection Mode	:Split
Flow Control Mode	:Linear Velocity
Pressure	:139.5 kPa
Total Flow	:6.0 mL/min
Column Flow	:1.00 mL/min
Linear Velocity	:39.6 cm/sec
Purge Flow	:1.0 mL/min
Split Ratio	:4.0
High Pressure Injection	:OFF
Carrier Gas Saver	:OFF
Splitter Hold	:OFF

Oven Temp. Program

Rate	Temperature(°C)	Hold Time(min)
-	275.0	2.00
8.0	320.0	10.00

< Ready Check Heat Unit >

Column Oven	: Yes
SPL1	: Yes
MS	: Yes

< Ready Check Detector(FTD) >
< Ready Check Baseline Drift >
< Ready Check Injection Flow >

SPL1 Carrier	: Yes
SPL1 Purge	: Yes

< Ready Check APC Flow >
< Ready Check Detector APC Flow >

External Wait	:Yes
Equilibrium Time	:0.1 min

[GC Program]

[GCMS-QP2010]

IonSourceTemp	:260.00 °C
Interface Temp.	:280.00 °C
Solvent Cut Time	:2.50 min
Ionization Mode	:SEI
Detector Gain Mode	:Relative
Detector Gain	:1.00 kV
Threshold	:5

[MS Table]

Group	: 1
Start Time	:3.50min
End Time	:17.00min
ACQ Mode	:Scan
Interval	:1.00sec
Scan Speed	: 714
Start m/z	:35.00
End m/z	:700.00

Sample Inlet Unit :GC

[MS Program]
Use MS Program :OFF