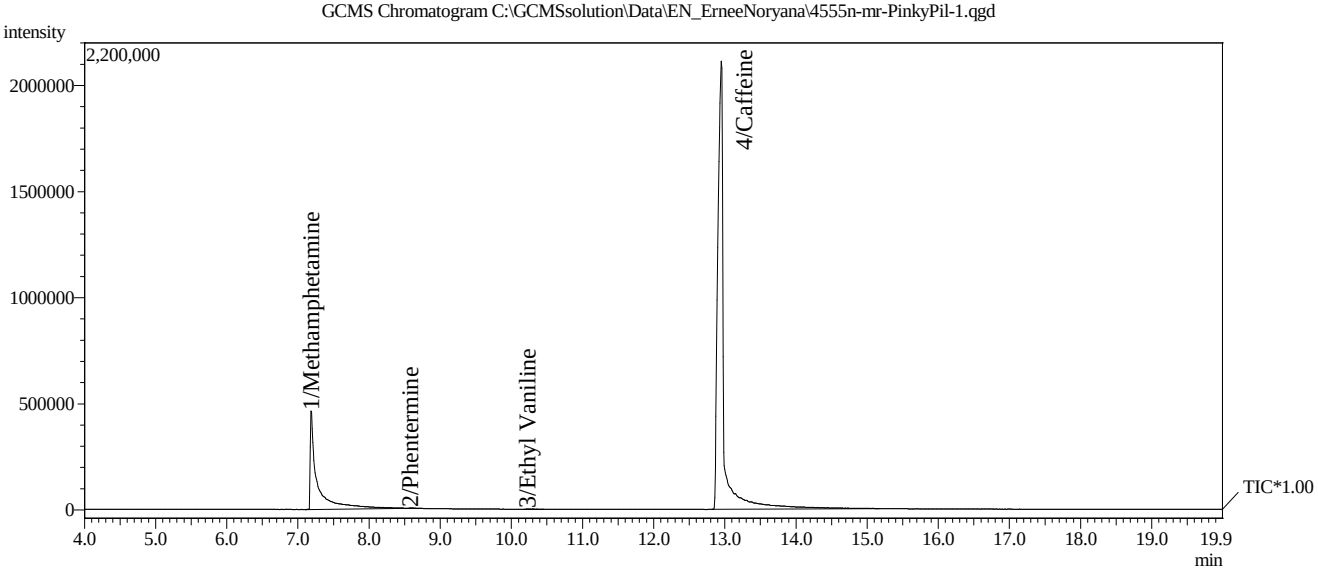
MAKMAL GCMS G39 BSF, JABATAN KIMIA, FAKULTI SAINS, UPM, SERDANG, SELANGOR
GCMS QP2010 Plus SHIMADZU

GCMS Sample Information

Data Acquired by	: Admin
Acquisiton Date	: 7/5/2018 8:36:36 PM
Sample Type	: Unknown
Level #	: 1
Sample Name	: Pink Pil
Sample ID	: RashidiChemistry
IS Amount	: [1]=1
Sample Amount	: 5
Dilution Factor	: 100
Vial #	: 1
Injection Volume	: 0.3
Data File	: C:\GCMSsolution\Data\EN_ErneeNoryana\4555n-mr-PinkyPil-1.qgd
Method File	: C:\GCMSsolution\Data\EN_ErneeNoryanaMuhamad\Q-ZB5ms50220.qgm
Report File	: gcpotrait-ZB-5ms.qgr
Tuning File	: C:\GCMSsolution\System\Tune1\270618EIF1.qgt
Modified by	: Admin
Modified	: 7/6/2018 12:28:44 PM

GCMS Chromatogram C:\GCMSsolution\Data\EN_ErneeNoryana\4555n-mr-PinkyPil-1.qgd



GCMS Peak Report TIC

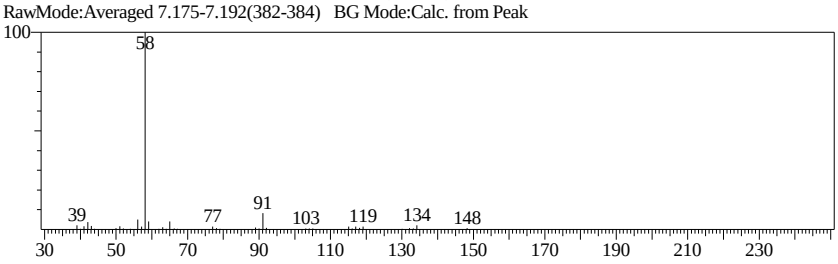
Peak#	R.Time	Area	Height	A/H	Mark	Name	Base m/z	Area%	Height%
1	7.187	3107530	464157	6.69	MI	Methamphetamine	58.10	20.07	18.00
2	8.577	9392	1941	4.92	MI	Phentermine	58.05	0.06	0.08
3	10.229	5929	601	9.87	MI	Ethyl Vaniline	137.10	0.04	0.02
4	12.952	12362237	2111855	5.85	MI	Caffeine	194.15	79.83	81.90
		15485088	2578554					100.00	100.00

GCMS Library

<< Target >>

Line#:1 R.Time:7.183(Scan#:383) BasePeak:58.10(250882)

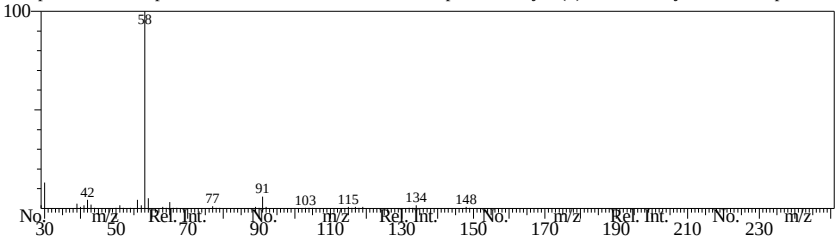
RawMode:Averaged 7.175-7.192(382-384) BG Mode:Calc. from Peak



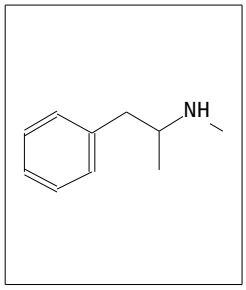
Hit#:1 Entry:8409 Library:NIST08s.LIB

SI:98 Formula:C10H15N CAS:537-46-2 MolWeight:149 RetIndex:1226

CompName:Methamphetamine $$ Benzeneethanamine, N,.alpha.-dimethyl-, (S)- $$ Phenethylamine, N,.alpha.-dim



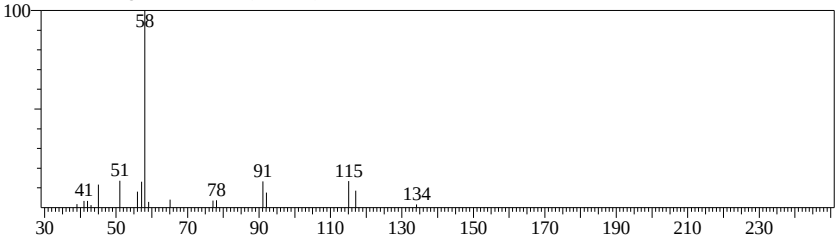
No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int.



<< Target >>

Line#:2 R.Time:8.575(Scan#:550) BasePeak:58.05(893)

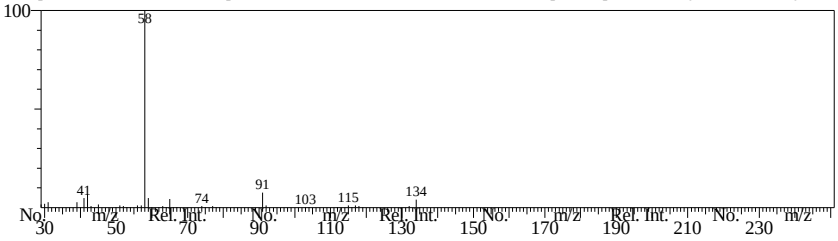
RawMode:Averaged 8.567-8.583(549-551) BG Mode:Calc. from Peak



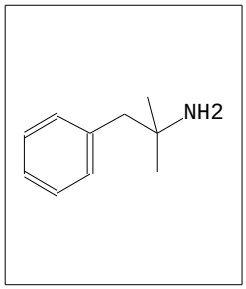
Hit#:1 Entry:8412 Library:NIST08s.LIB

SI:85 Formula:C10H15N CAS:122-09-8 MolWeight:149 RetIndex:1250

CompName:Phentermine $$ Apidex P $$ Fastin $$ Benzeneethanamine, .alpha.,.alpha.-dimethyl- $$ Phenethylami



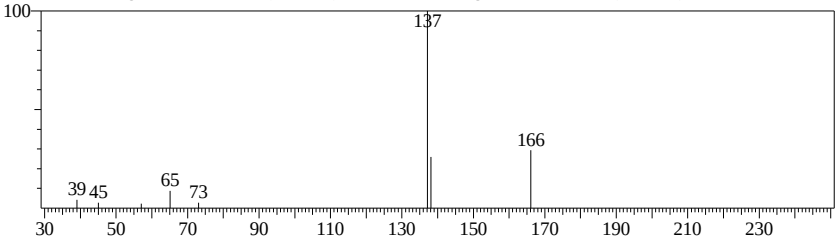
No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int.



<< Target >>

Line#:3 R.Time:10.225(Scan#:748) BasePeak:137.10(215)

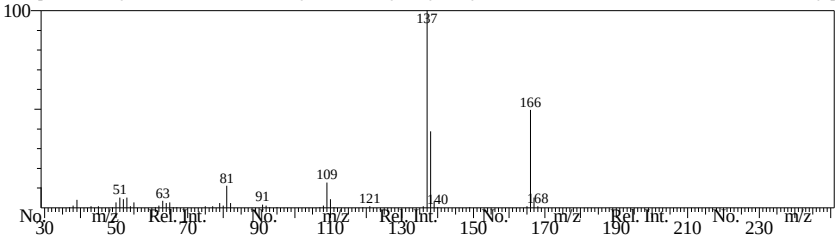
RawMode:Averaged 10.192-10.450(744-775) BG Mode:Averaged 10.108-10.175(734-742)



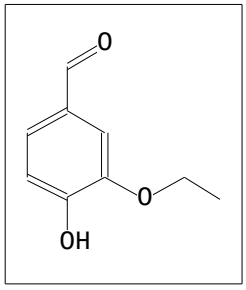
Hit#:3 Entry:11501 Library:NIST08s.LIB

SI:76 Formula:C9H10O3 CAS:121-32-4 MolWeight:166 RetIndex:1491

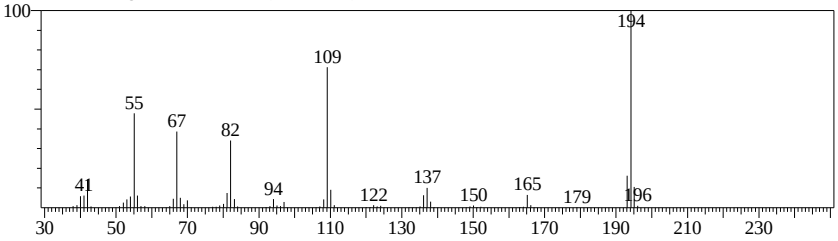
CompName:Ethyl Vanillin $$ Benzaldehyde, 3-ethoxy-4-hydroxy- $$ Bourbonal $$ Ethavan $$ Ethovan $$ Ethyl



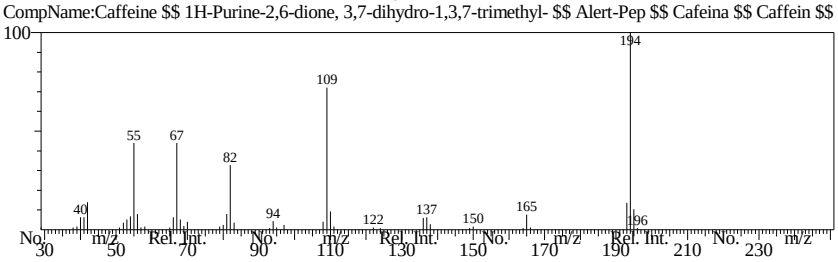
No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int. No. m/z Rel. Int.



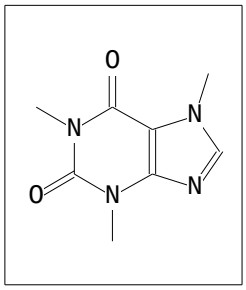
<< Target >>
Line#:4 R.Time:12.950(Scan#:1075) BasePeak:194.15(438216)
RawMode:Averaged 12.942-12.958(1074-1076) BG Mode:Calc. from Peak



Hit#:1 Entry:38666 Library:NIST08.LIB
SI:98 Formula:C8H10N4O2 CAS:58-08-2 MolWeight:194 RetIndex:1795
CompName:Caffeine $$ 1H-Purine-2,6-dione, 3,7-dihydro-1,3,7-trimethyl- $$ Alert-Pep $$ Cafeina $$ Caffein $$



No.	m/z	Rel. Int.	No.	m/z	Rel. Int.	No.	m/z	Rel. Int.	No.	m/z	Rel. Int.



Method

[Comment]

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

[AOC-20i+s]

# of Rinses with Presolvent	:4
# of Rinses with Solvent(post)	:4
# of Rinses with Sample	:0
Plunger Speed(Suction)	:Middle
Viscosity Comp. Time	:0.2 sec
Plunger Speed(Injection)	:High
Syringe Insertion Speed	:High
Injection Mode	:Normal
Pumping Times	:0
Inj. Port Dwell Time	:0.0 sec
Terminal Air Gap	:No
Plunger Washing Speed	:High
Washing Volume	:6uL
Syringe Suction Position	:0.0 mm
Syringe Injection Position	:0.0 mm
Solvent Selection	:All A,B,C

[GC-2010]COLUMN: ZEBRON ZB5ms 30meter x 0.25mm I.D x 0.25µm film thickness

Column Oven Temp.	:50.0 °C
Injection Temp.	:190.00 °C
Injection Mode	:Split
Flow Control Mode	:Linear Velocity
Pressure	:53.5 kPa
Total Flow	:10.0 mL/min
Column Flow	:1.00 mL/min
Linear Velocity	:36.3 cm/sec
Purge Flow	:6.0 mL/min
Split Ratio	:3.0
High Pressure Injection	:OFF
Carrier Gas Saver	:OFF
Splitter Hold	:OFF

Oven Temp. Program

Rate	Temperature(°C)	Hold Time(min)
-	50.0	1.00
15.00	220.0	10.00

Purge Flow Program

Rate	Flow(mL/min)	Hold Time(min)
-	6.0	20.00

< 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	:No
Equilibrium Time	:0.5 min

[GC Program]

[GCMS-QP2010 Plus]

IonSourceTemp	:220.00 °C
Interface Temp.	:220.00 °C
Solvent Cut Time	:3.50 min
Detector Gain Mode	:Absolute
Detector Gain	:0.70 kV
Threshold	:100

[MS Table]

--Group 1 - Event 1--

Start Time	:4.00min
End Time	:20.00min
ACQ Mode	:Scan
Event Time	:0.50sec
Scan Speed	: 454
Start m/z	:35.00
End m/z	:250.00

Sample Inlet Unit :GC