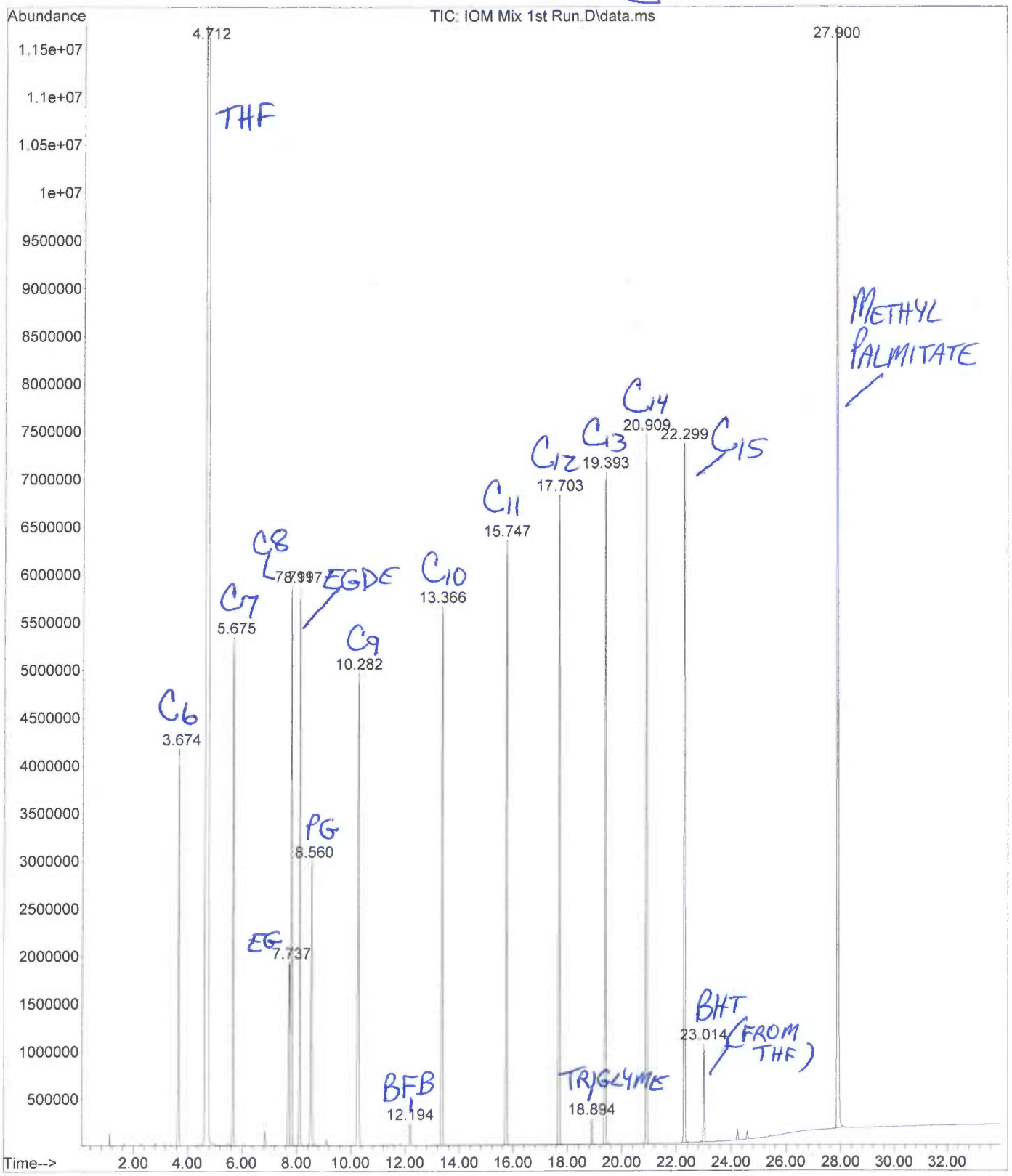
File :C:\msdchem\1\data\072616 SCAQMD\IOM Mix 1st Run.D
Operator : Dave
Acquired : 26 Jul 2016 12:59 using AcqMethod SCAQMD M311.M
Instrument : GCMS TDU
Sample Name: IOM Mix 1st Run
Misc Info :
Vial Number: 13

GC-MS



C:\msdchem\1\methods\SCAQMD M311.M
Wed Jul 27 09:20:01 2016

GC-MS

Control Information

Sample Inlet	: GC
Injection Source	: Manual
Mass Spectrometer	: Enabled

Injection Location: Front

No Sample Prep method has been assigned to this method.

Oven	
Equilibration Time	1 min
Max Temperature	280 degrees C
Slow Fan	Disabled
Oven Program	On
40 °C for 2 min	
then 10 °C/min to 100 °C for 3 min	
then 10 °C/min to 250 °C for 8 min	
Run Time	34 min

Sample Overlap
Sample overlap is not enabled

Front SS Inlet He		
Mode		Split
Heater	On	250 °C
Pressure	On	1.8804 psi
Total Flow	On	42 mL/min
Septum Purge Flow	On	3 mL/min
Gas Saver	On	20 mL/min After 2 min
Split Ratio		25 :1
Split Flow		37.5 mL/min

Back PTV Inlet He	
Mode	Split
Heater	Off
Pressure	Off
Total Flow	Off
Septum Purge Flow	Off
Gas Saver	Off
Split Ratio	20 :1
Split Flow	0 mL/min
Cryo	Off

Thermal Aux 2 {MSD Transfer Line}	
Heater	On
Temperature Program	On
250 °C for 0 min	
Run Time	34 min

Column #1
Agilent Restek 13870Restek Rxi-624SIL MS
280 °C: 30 m x 320 µm x 1.8 µm
In: Front SS Inlet He
Out: Vacuum

(Initial)	40 °C
Pressure	1.8804 psi
Flow	1.5 mL/min
Average Velocity	44.411 cm/sec
Holdup Time	1.1258 min
Flow Program	Off
1.5 mL/min for 0 min	
Run Time	34 min

Signals	
Test Plot	Save Off
	50 Hz
Test Plot	Save Off
	50 Hz
Test Plot	Save Off
	50 Hz
Test Plot	Save Off
	50 Hz

GERSTEL MAESTRO

SYSTEM SETTINGS	
Maestro Runtime	: 34.00 min
GC Cool Down Time	: 2.00 min
Cryo Timeout	: 15.00 min

GERSTEL CIS

CIS	: not used - use these parameters if it becomes 'used'
CRYO COOLING	
Cryo Cooling	: not used
TEMPERATURE PROGRAM	
Heater Mode	: Standard
Initial Temperature	: 60 'C
Equilibration Time	: 1.00 min
Initial Time	: 1.00 min
Ramp 1	
Rate	: 10.00 'C/s
End Temp	: 240 'C
Hold Time	: 1.00 min
Ramp 2	
Rate	: 0.0 'C/s

GERSTEL MPS Liquid Injection

Syringe	: 10ul
SAMPLE PARAMETERS	
Sandwich	: not used
Inj. Volume	: 1.0 uL
Air Volume below	: 0.0 uL
Inj. Speed	: 50.00 uL/s
Fill Volume	: 5.0 uL
Fill Strokes	: 4
Fill Speed	: 2.50 uL/s

```
   Viscositiy Delay          : 2 s
   Eject Speed               : 50.00 uL/s

   Pre Inj. Delay            : 0 s
   Post Inj. Delay           : 0 s

   Inj. Penetration          : 40.00 mm
   Sample Tray Type          : VT98
   Vial Penetration          : 31.00 mm

CLEANING PARAMETERS
   Preclean Sample           : 0

   Wash Station 1            : Wash1
   Preclean Solv.1           : 4
   Postclean Solv.1          : 4
   Fill Speed Solv.1         : 5.00 uL/s
   Viscosity Delay Solv.1    : 2 s
   Eject Speed Solv.1        : 50.00 uL/s

   Wash Station 2            : Wash2
   Preclean Solv.2           : 0
   Postclean Solv.2          : 0
   Fill Speed Solv.2         : 5.00 uL/s
   Viscosity Delay Solv.2    : 2 s
   Eject Speed Solv.2        : 50.00 uL/s
```

MS ACQUISITION PARAMETERS

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General Information
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Tune File                 : atune.u
Acquistion Mode           : Scan


MS Information
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Solvent Delay             : 0.00 min

EMV Mode                  : Relative
Relative Voltage          : 0
Resulting EM Voltage      : 1659

[Scan Parameters]

Low Mass                  : 20.0
High Mass                 : 400.0
Threshold                 : 100
Sample #                  : 3       A/D Samples    8
Plot 2 low mass           : 30.0
Plot 2 high mass          : 300.0

[MSZones]

MS Source                 : 230 C   maximum 250 C
MS Quad                   : 150 C   maximum 200 C

Timed Events
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[Timed MS Detector Table Entries]

Time (min)          State (MS On/Off)
4.40                     Off
5.20                     On
```

END OF MS ACQUISITION PARAMETERS