

Comments for Sample AE03016 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 03-12-2002 Time: 15:22:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Because of the low Surrogate Standard recovery (69%) this sample will be reextracted and reanalyzed.

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 03/12/2002 Time: 15:21:42

Sample: AE03016
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 3/12/02 15:21 Ended: 3/12/02 15:21 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Other unknown compounds		.		

Data File : C:\MSDCHEM\1\DATA\022802\03016.D

Vial: 9

Acq On : 1 Mar 2002 6:56 pm

Operator: McLean

Sample : 2/12/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 04 05:40:36 2002

Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Mon Feb 25 19:17:14 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1451022	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3868061	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2146836	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3336989	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3106407	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	2040749	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.46	235	181462	3.43	ug/L	0.00
Spiked Amount	5.000		Recovery	=	68.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.	
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.	
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.	
7) 2,2' - oxybis (1-Chloropr	0.00	45	0	N.D.	
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	0.00	77	0	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	0.00	128	0	N.D.	
16) Hexachlorobutadiene	0.00	225	0	N.D.	
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
19) 2-chloronaphthalene	0.00	162	0	N.D.	
20) Dimethylphthalate	0.00	163	0	N.D.	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
25) Diethylphthalate	0.00	149	0	N.D.	
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.	
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	0.00	178	0	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	0.00	149	0	N.D. d	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo (a) anthracene	0.00	228	0	N.D. d	
42) Bis (2-ethylhexyl) phthala	30.94	149	3927	0.03 ug/L	73
43) Chrysene	30.34	228	8723	0.04 ug/L	58
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo (b) fluoranthene	0.00	252	0	N.D.	

(#)= qualifier out of range (m)= manual integration

03016.D 5080202.M Mon Mar 04 05:41:09 2002

Page 1

Data File : C:\MSDCHEM\1\DATA\022802\03016.D

Vial: 9

Acq On : 1 Mar 2002 6:56 pm

Operator: McLean

Sample : 2/12/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 04 05:40:36 2002

Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Mon Feb 25 19:17:14 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.		
48) Benzo (a) pyrene	0.00	252	0	N.D.	d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.		

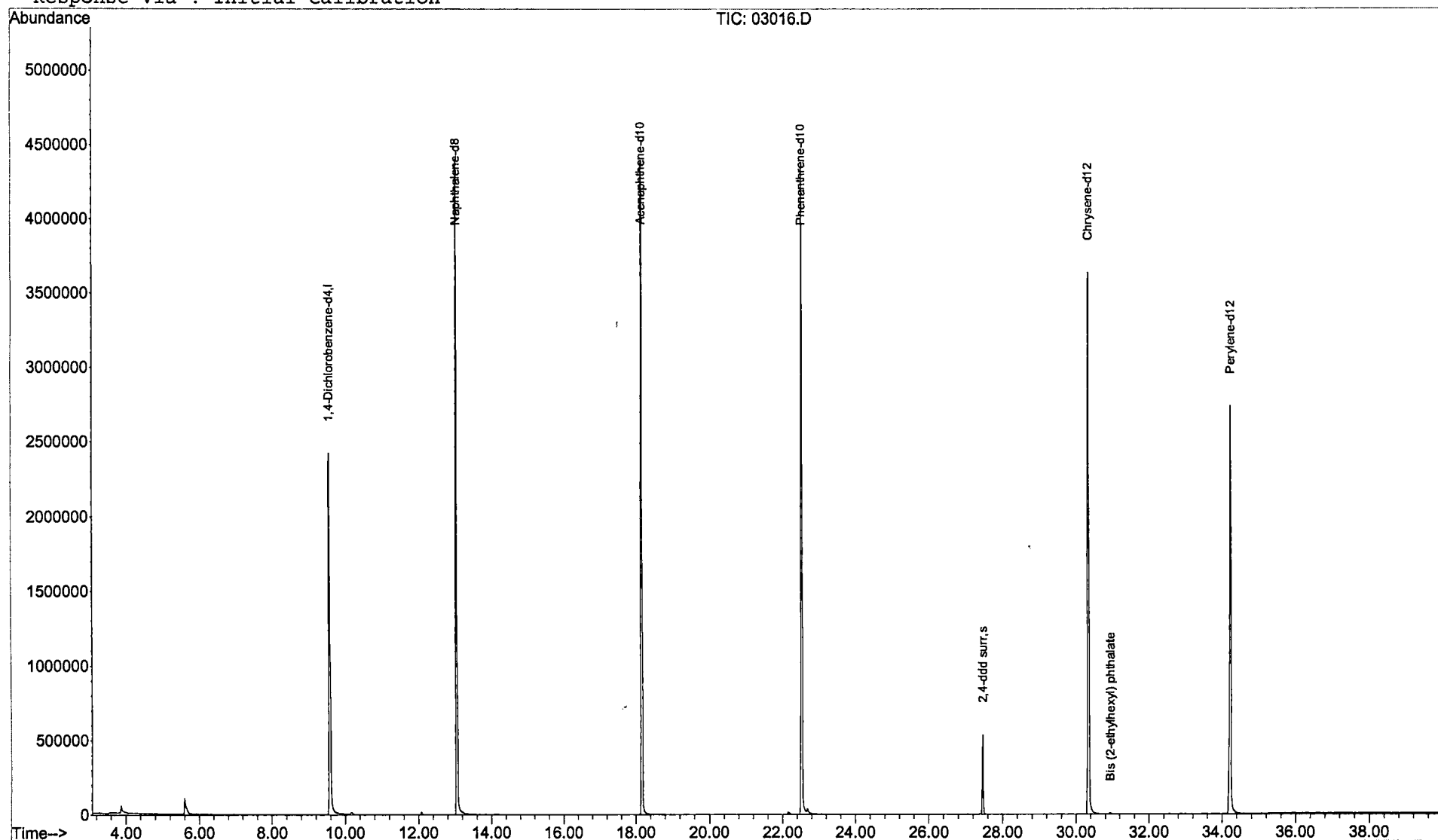
(#) = qualifier out of range (m) = manual integration

03016.D 5080202.M Mon Mar 04 05:41:10 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
 Acq On : 1 Mar 2002 6:56 pm Operator: McLean
 Sample : 2/12/02 GC SCAN Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: BENZO.P
 Quant Time: Mar 4 5:41 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
 Title : Quantitation For Method 508gcscan
 Last Update : Mon Feb 25 19:17:14 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03016.D

Vial: 9

Acq On : 1 Mar 2002 6:56 pm

Operator: McLean

Sample : 2/12/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

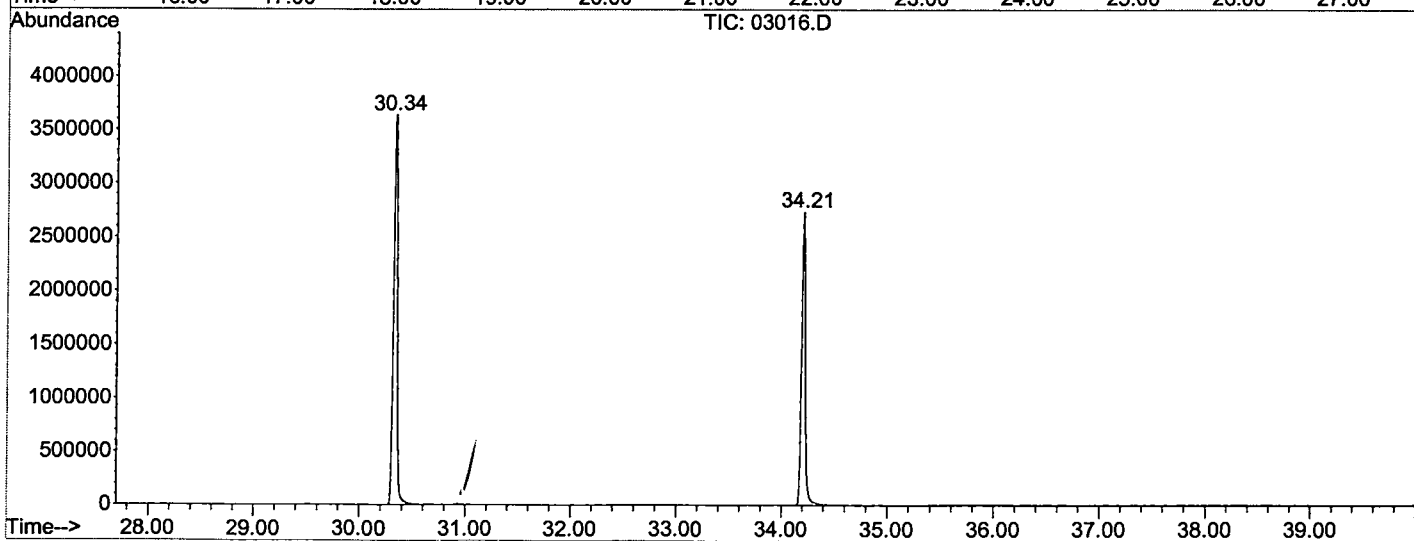
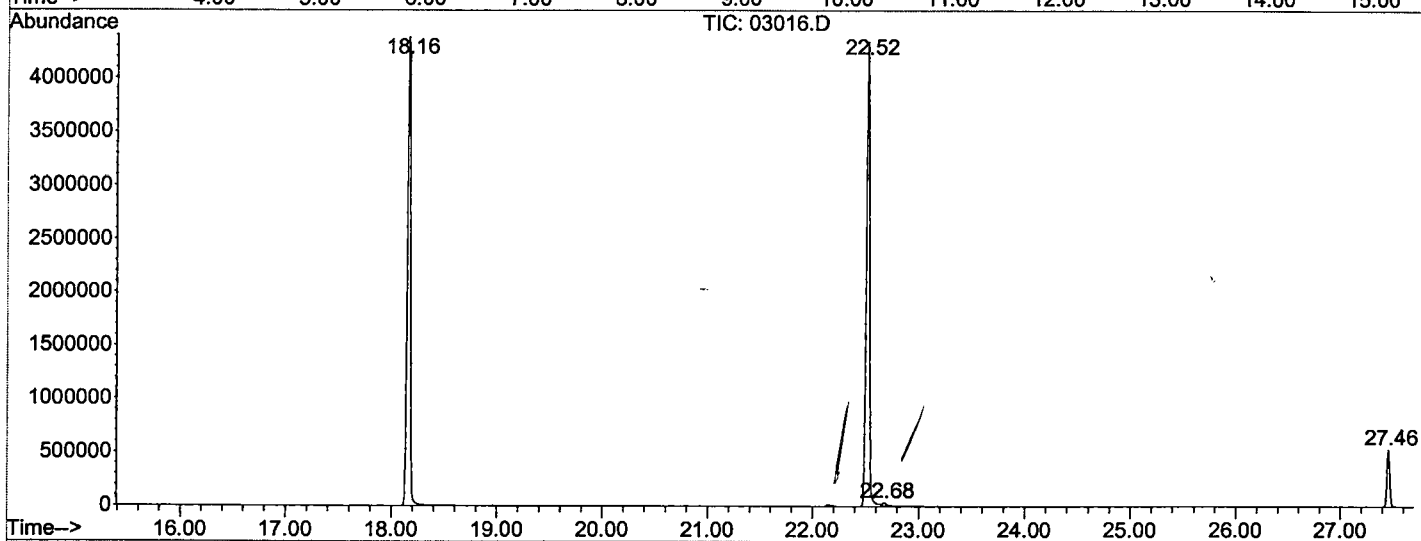
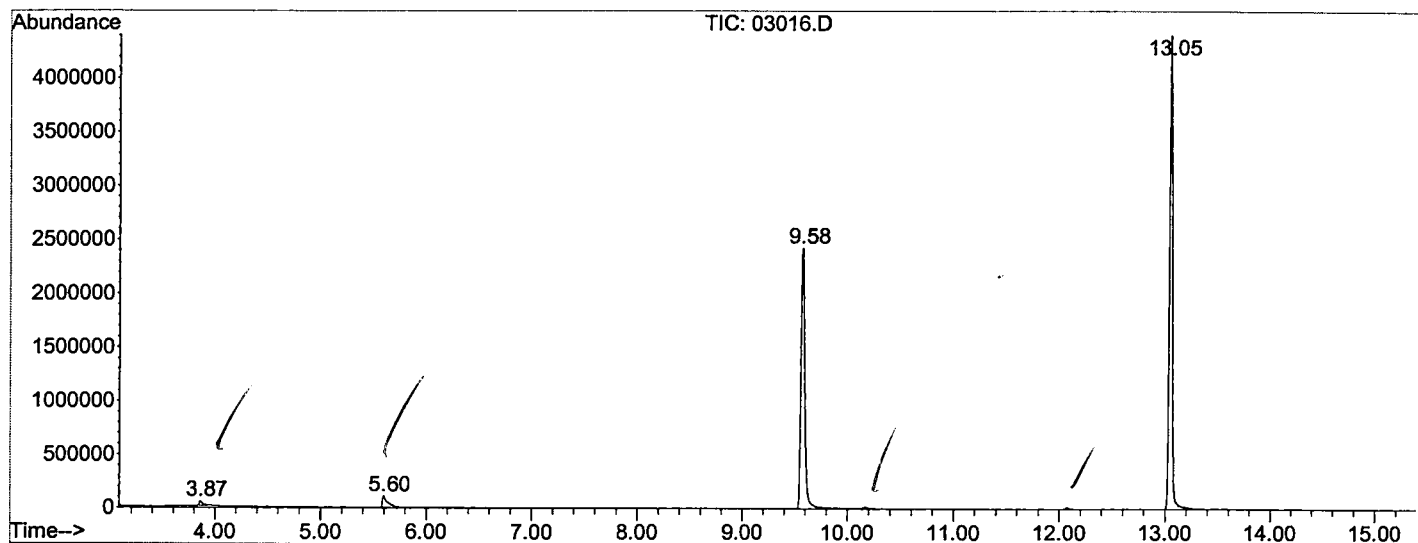
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.865	84	87	94	rBV	45049	103229	1.13%	0.208%
2	5.597	275	278	289	rBV	104992	333805	3.65%	0.671%
3	9.579	711	717	733	rBV	2423141	6107668	66.73%	12.278%
4	13.053	1094	1100	1114	rBV	4401524	8354559	91.28%	16.795%
5	18.160	1657	1663	1680	rBV	4381925	8923594	97.50%	17.939%
6	22.523	2137	2144	2158	rBV2	4339863	9152728	100.00%	18.399%
7	22.677	2158	2161	2171	rVB3	32352	97016	1.06%	0.195%
8	27.457	2683	2688	2696	rBV	535730	972243	10.62%	1.954%
9	30.341	2998	3006	3024	rBV2	3638803	9038169	98.75%	18.169%
10	34.214	3425	3433	3447	rBV	2737935	6661700	72.78%	13.392%

Sum of corrected areas: 49744711

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03016.D
 Operator : McLean
 Acquired : 1 Mar 2002 6:56 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 2/12/02 GC SCAN
 Misc Info :
 Vial Number: 9
 Quant File :5080202.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\022802\03016.D

Acq On : 1 Mar 2002 6:56 pm

Sample : 2/12/02 GC SCAN

Misc :

MS Integration Params: LSCINT.P

Vial: 9

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

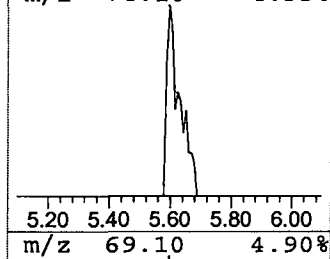
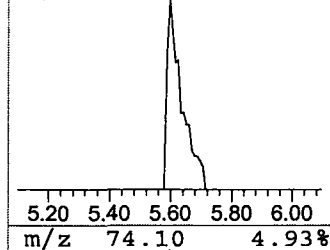
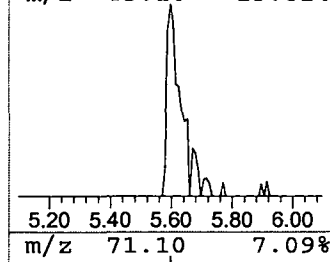
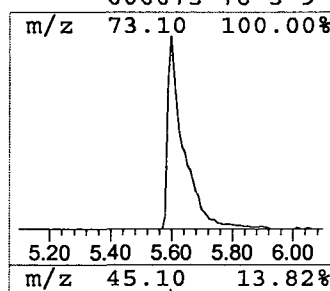
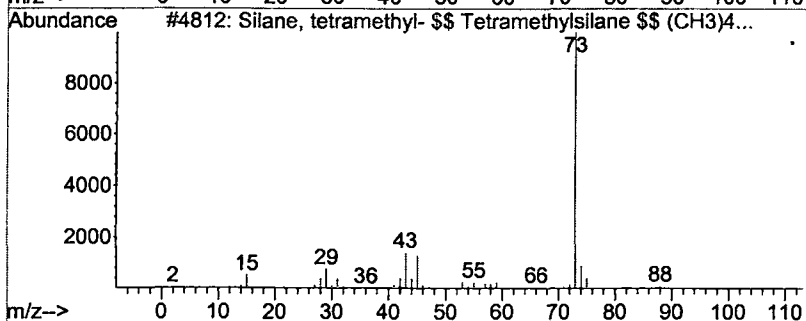
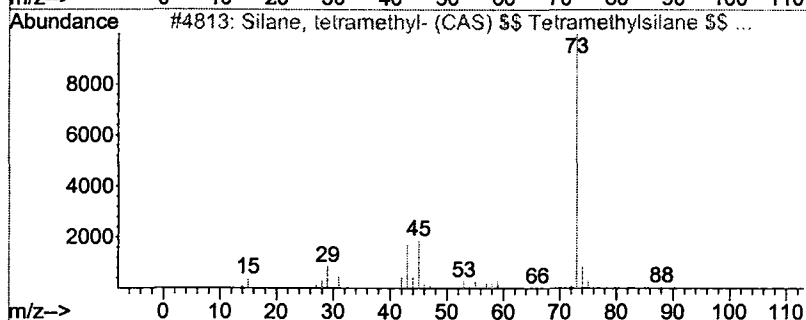
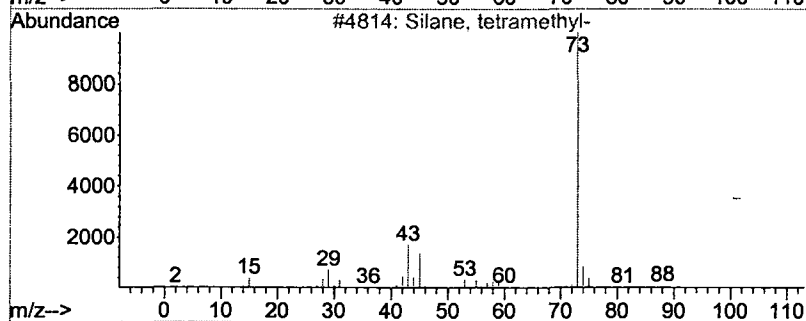
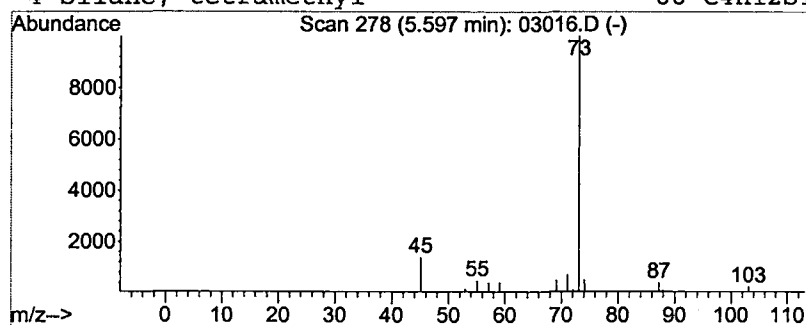
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	1.09 ug/L	333805	1,4-Dichlorobenzene-d4	9.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2			Silane, tetramethyl- (CAS) \$\$ Te...	88	C4H12Si	000075-76-3	9
3			Silane, tetramethyl- \$\$ Tetramet...	88	C4H12Si	000075-76-3	9
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Operator ID: McLean Date Acquired: 1 Mar 2002 6:56 pm
 Data File: C:\MSDCHEM\1\DATA\022802\03016.D
 Name: 2/12/02 GC SCAN
 Misc:
 Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
 Title: Quantitation For Method 508gcscan
 Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Silane, tetramethyl-	5.60	1.1 ug/L		333805	1	9.58	6107670	20.0