User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:31:59

Sample: AE03256
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:31 Ended: 4/3/02 12:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE03256 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:33:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03256.D Vial: 23
Acq On : 2 Mar 2002 7:09 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:11:34 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	1569022	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4087179	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2290700	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3483561	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3196979	20.00	ug/L	-0.03
44) Perylene-d12	34.20	264	1978657	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	209623	3.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 75.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	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	20.41	77	7417	0.04	ug/L	48
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	24.67	149	79504	0.34	ug/L	96
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) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.94	149	4982	0.03	ug/L	88
43) Chrysene	0.00	228	0	N.D.	d	
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

Quantitation Report (QT Reviewed)

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Acq On : 2 Mar 2002 7:09 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:11:34 2002 Quant Results File: 5080202.RES

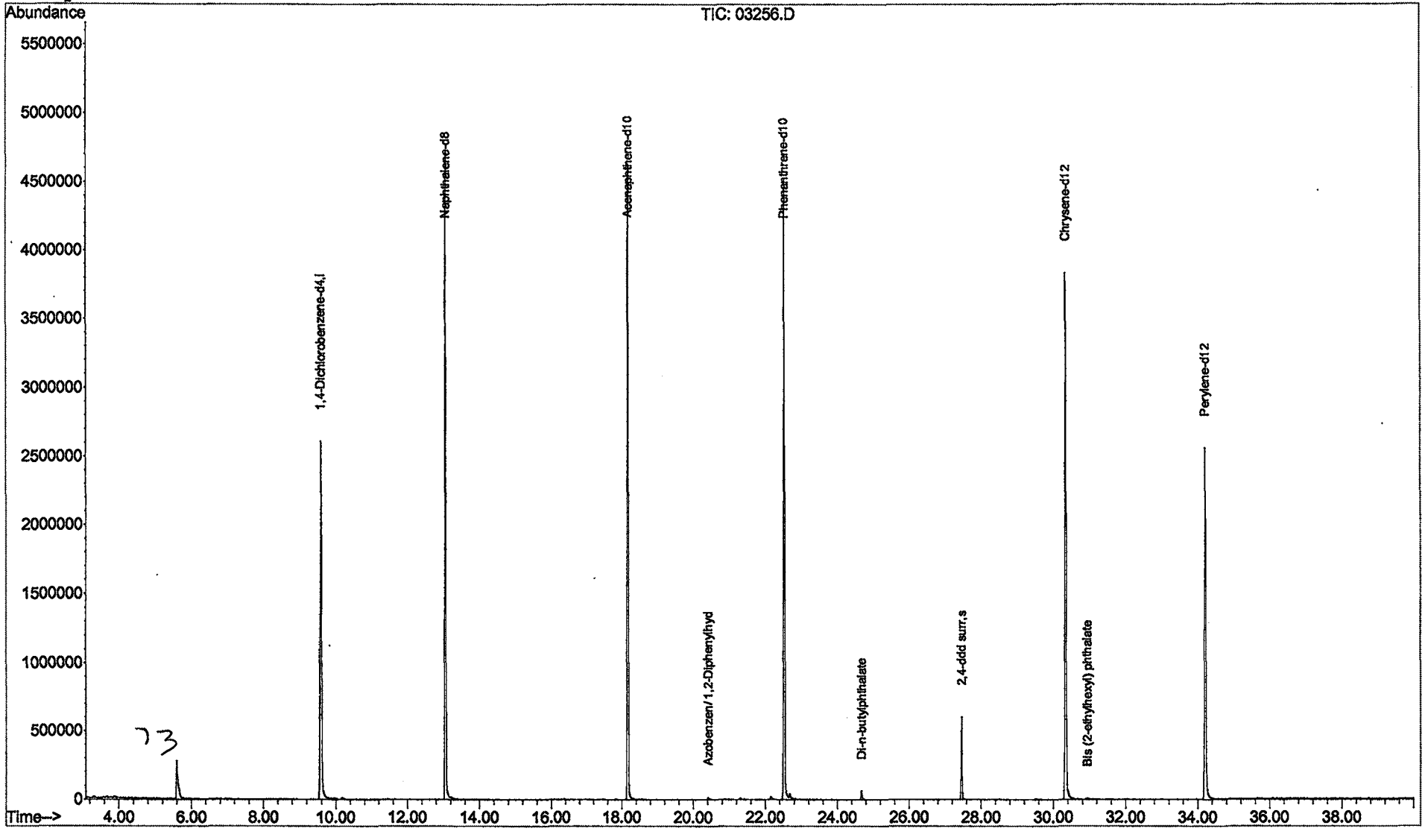
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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

Data File : C:\MSDCHEM\1\DATA\022802\03256.D Vial: 23
Acq On : 2 Mar 2002 7:09 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 2 12:13 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\03256.D Vial: 23
Acq On : 2 Mar 2002 7:09 am Operator: McLean
Sample : 2/13/02 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

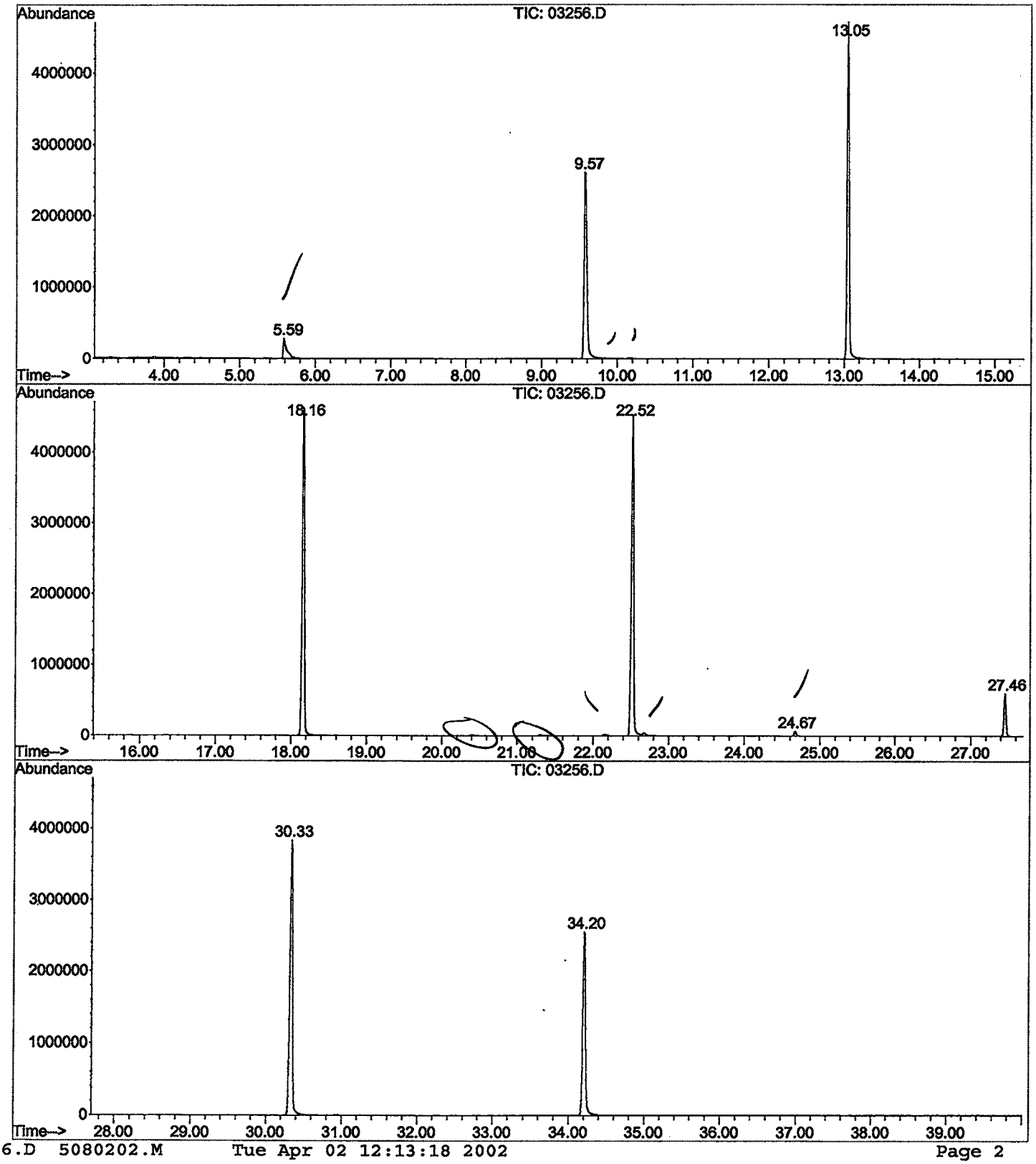
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.588	274	277	296	rBV	275541	869863	9.08%	1.654%
2	9.570	711	716	739	rBV	2609220	6668487	69.58%	12.678%
3	13.053	1094	1100	1114	rBV	4712024	8845893	92.30%	16.818%
4	18.160	1657	1663	1681	rBV	4628515	9512684	99.26%	18.085%
5	22.523	2137	2144	2157	rBV2	4526819	9583806	100.00%	18.221%
6	24.672	2376	2381	2386	rBV	65143	120815	1.26%	0.230%
7	27.457	2683	2688	2697	rVB	602637	1091943	11.39%	2.076%
8	30.332	2998	3005	3026	rBV2	3832907	9409623	98.18%	17.890%
9	34.205	3425	3432	3448	rBV2	2558982	6495342	67.77%	12.349%

Sum of corrected areas: 52598456

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03256.D
Operator : McLean
Acquired : 2 Mar 2002 7:09 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 23
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03256.D Vial: 23
Acq On : 2 Mar 2002 7:09 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

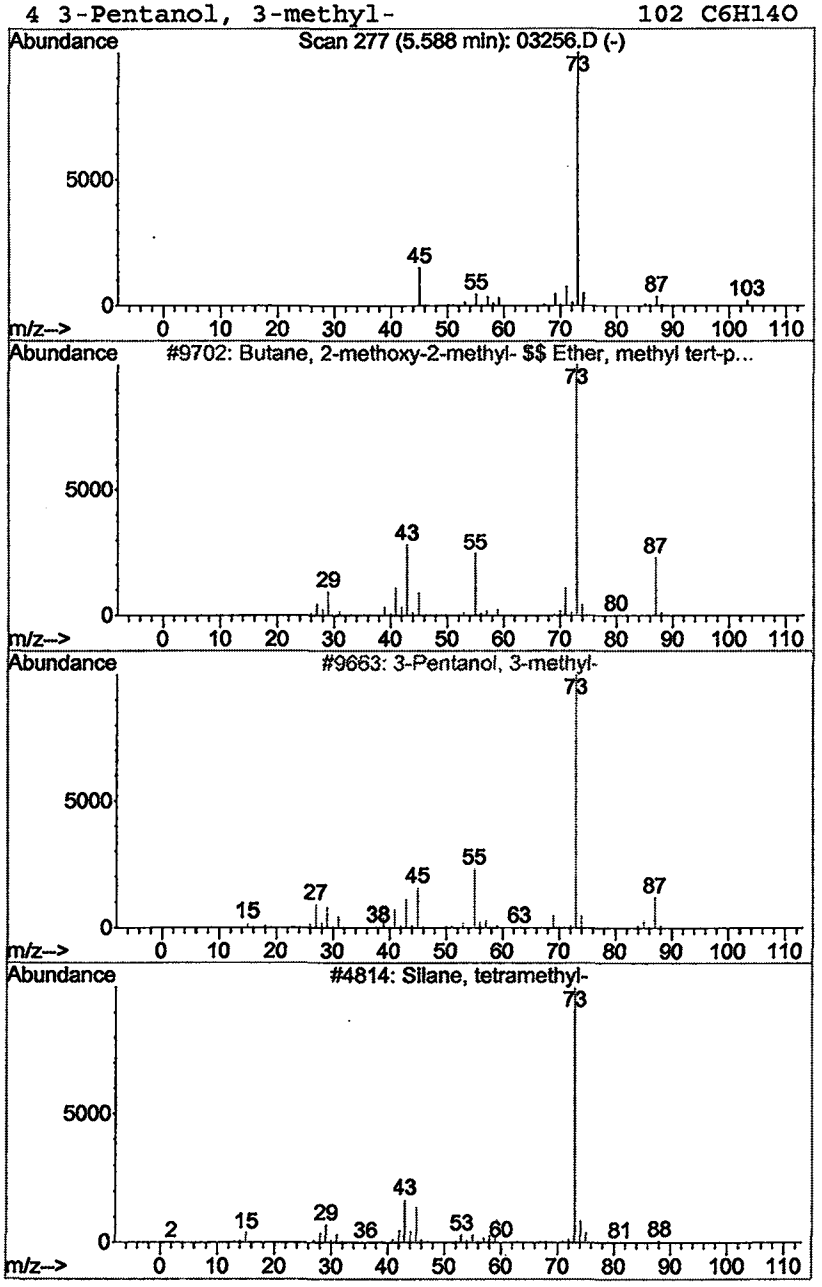
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

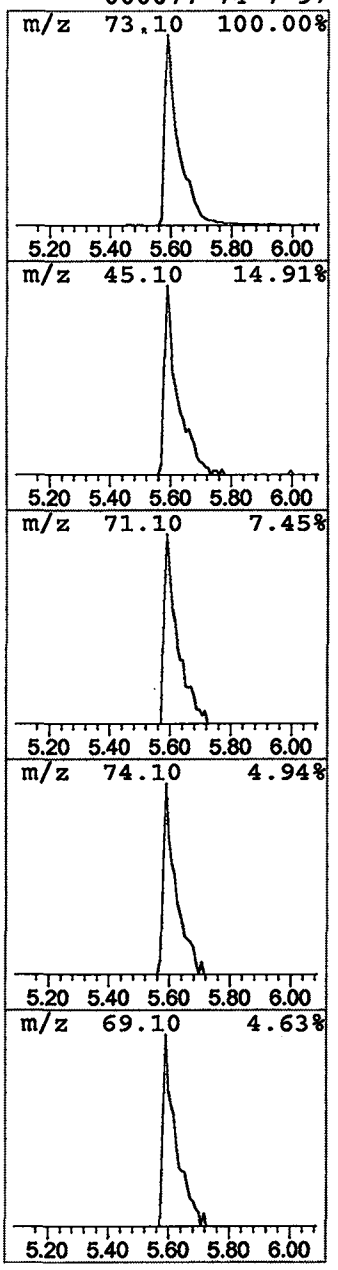
****

Peak Number 1 Butane, 2-methoxy-2-methyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.61 ug/L	869863	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 7:09 am
Data File: C:\MSDCHEM\1\DATA\022802\03256.D
Name: 2/13/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	5.59	2.6	ug/L	869863	1	9.58	6668490	20.0