User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 14:58:12

Sample: AE03020
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 14:57 Ended: 3/12/02 14:57 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AE03020 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 14:58:17

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\022802\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:43:16 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	1447854	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3856776	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2141214	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3223512	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	2912154	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1933272	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	200010	3.91	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.20%			
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	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	24.67	149	3581	0.02	ug/L	79
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	4125	0.03	ug/L	48
43) Chrysene	30.33	228	8799	0.05	ug/L	56
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

Data File : C:\MSDCHEM\1\DATA\022802\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:43:16 2002 Quant Results File: 5080202.RES

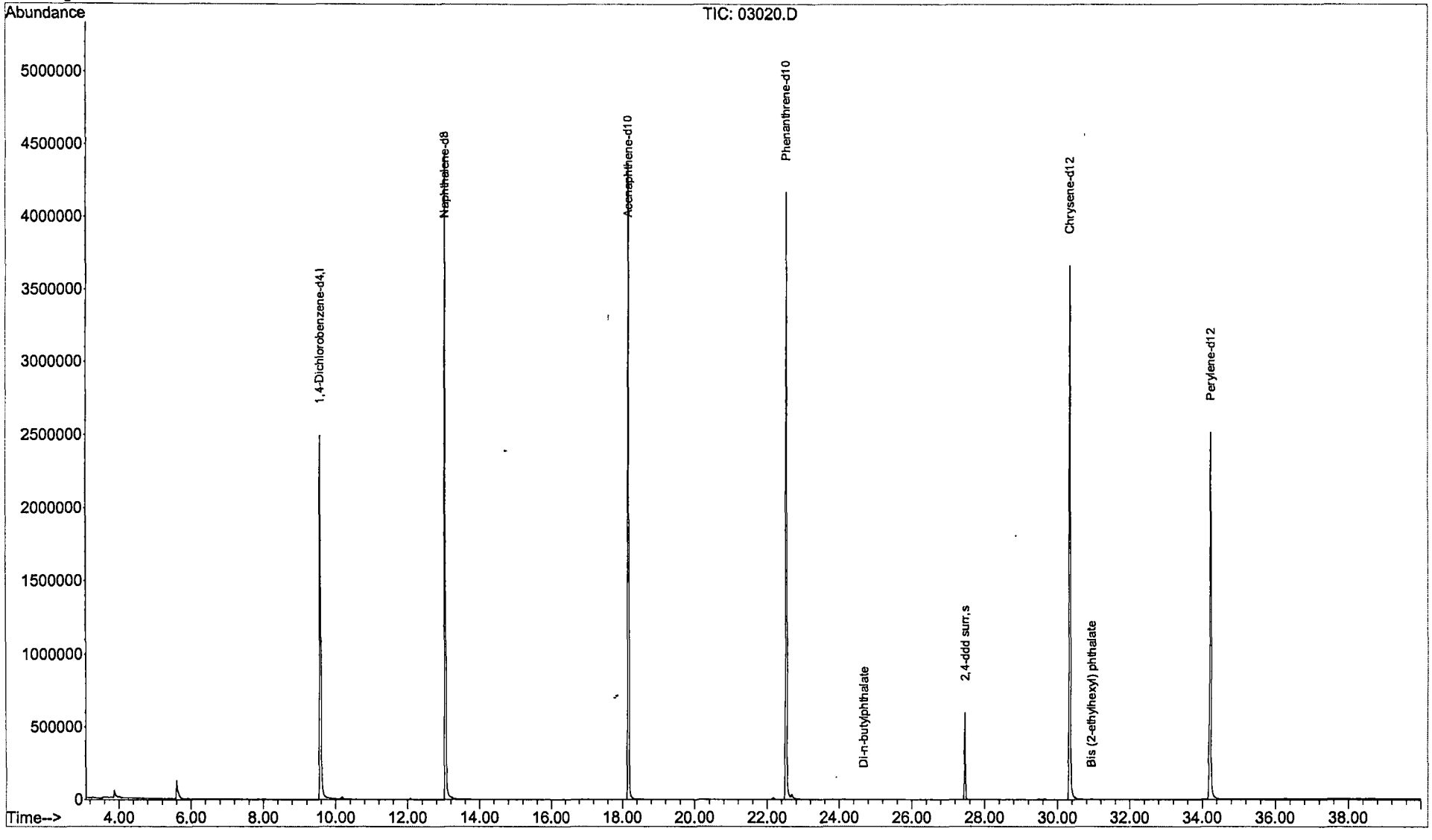
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 4 5:43 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\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 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

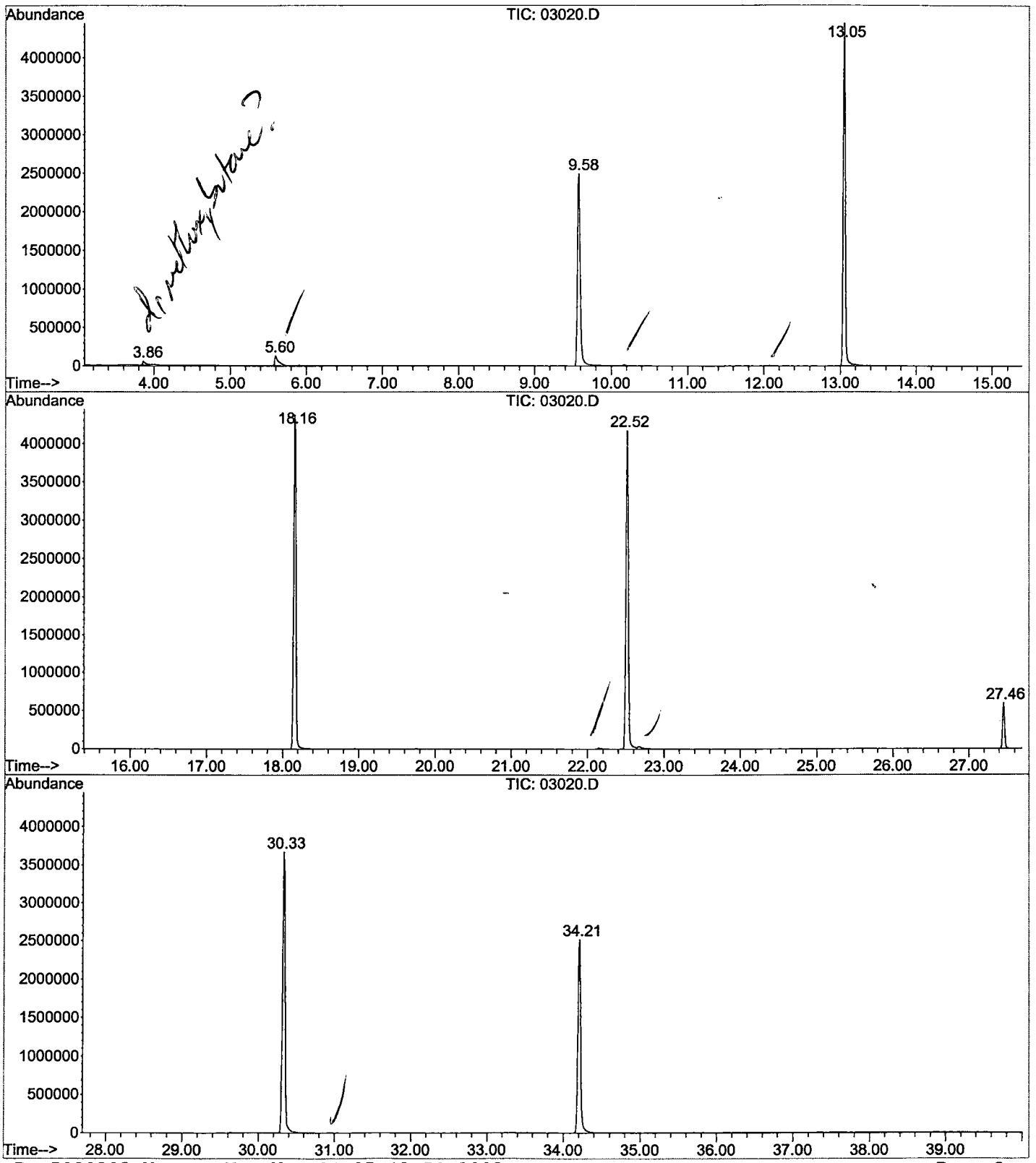
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.865	83	87	97	rBV	48713	132238	1.49%	0.271%
2	5.597	275	278	293	rBV	126567	409740	4.63%	0.841%
3	9.579	711	717	737	rBV	2494263	6189957	69.96%	12.706%
4	13.053	1094	1100	1114	rBV	4442419	8309302	93.92%	17.056%
5	18.160	1657	1663	1679	rBV	4371285	8847244	100.00%	18.160%
6	22.522	2138	2144	2157	rBV2	4171084	8836274	99.88%	18.138%
7	27.457	2683	2688	2698	rBV	599560	1045629	11.82%	2.146%
8	30.332	2998	3005	3026	rBV2	3670660	8602406	97.23%	17.658%
9	34.214	3425	3433	3456	rBV2	2517417	6344189	71.71%	13.023%

Sum of corrected areas: 48716979

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03020.D
Operator : McLean
Acquired : 1 Mar 2002 10:11 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/12/02 GC SCAN
Misc Info :
Vial Number: 13
Quant File :5080202.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\022802\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

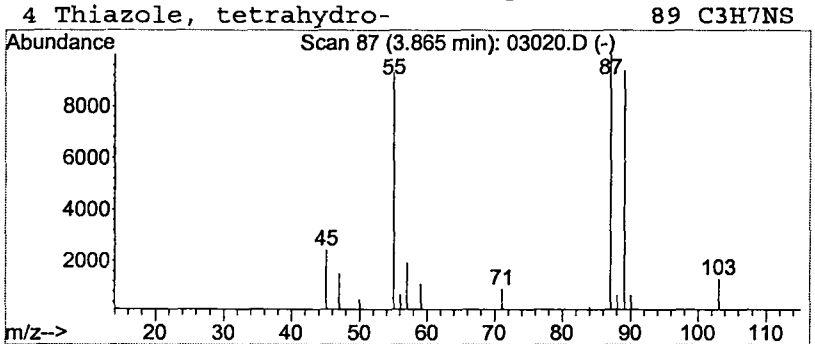
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

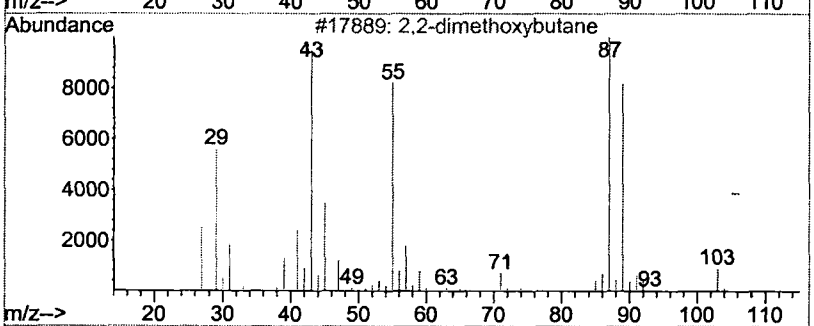
****

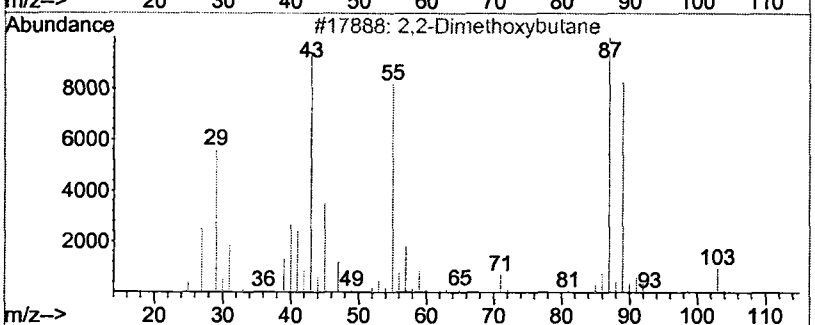
Peak Number 1 2,2-dimethoxybutane Concentration Rank 2

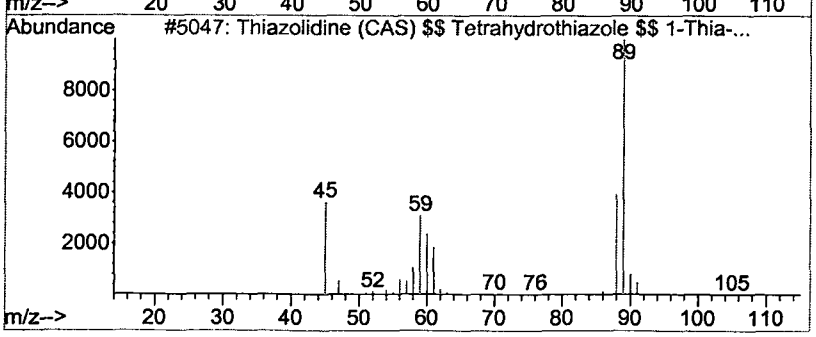
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	0.43 ug/L	132238	1,4-Dichlorobenzene-d4	9.58

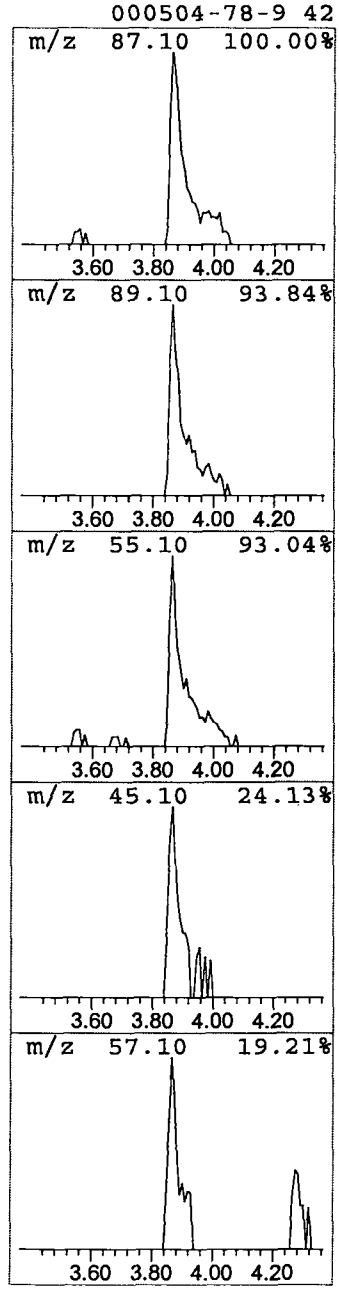
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	83
2	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	78
3	Thiazolidine (CAS) $$ Tetrahydro...	89	C3H7NS	000504-78-9	59
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	42











Data File : C:\MSDCHEM\1\DATA\022802\03020.D Vial: 13
Acq On : 1 Mar 2002 10:11 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

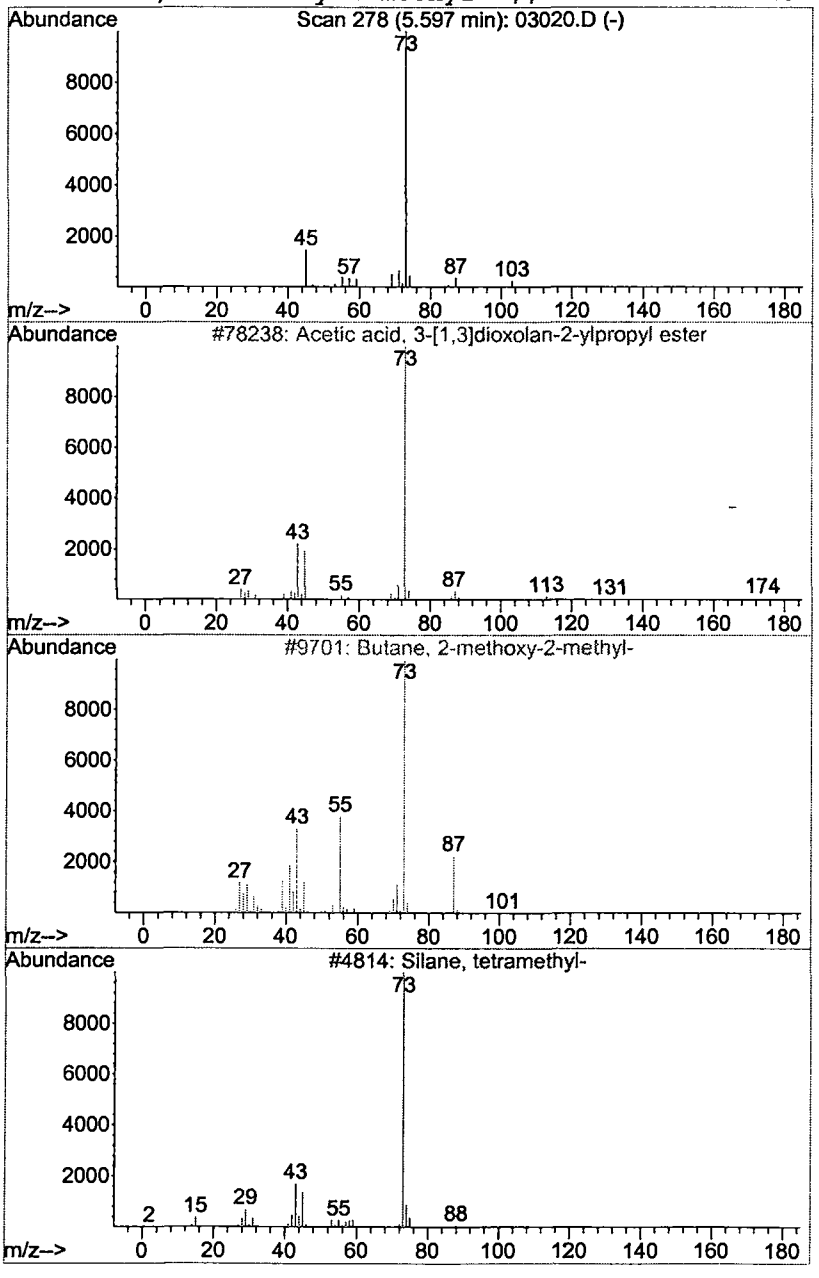
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

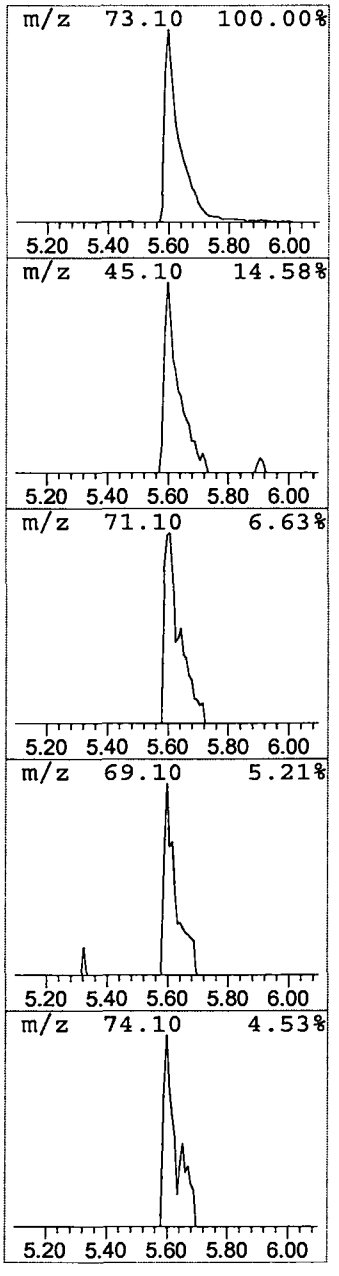
****

Peak Number 2 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	1.32 ug/L	409740	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9





Operator ID: McLean Date Acquired: 1 Mar 2002 10:11 pm
Data File: C:\MSDCHEM\1\DATA\022802\03020.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2,2-dimethoxybutane	3.86	0.4	ug/L	132238	1	9.58	6189960	20.0
Acetic acid, 3-[1...	5.60	1.3	ug/L	409740	1	9.58	6189960	20.0