User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:10:56

Sample: AE04511
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:10 Ended: 4/4/02 10:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE04511 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:11:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Data File : C:\MSDCHEM\1\DATA\032602\4511.D Vial: 56
Acq On : 27 Mar 2002 7:13 pm Operator: McLean
Sample : SAMPLE 4511 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:33:53 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1324143	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4226446	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2319311	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	3288153	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2566782	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1414755	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	183141	4.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.40%			
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) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.91	149	10190	0.10	ug/L	74
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

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Sample : SAMPLE 4511 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:33:53 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

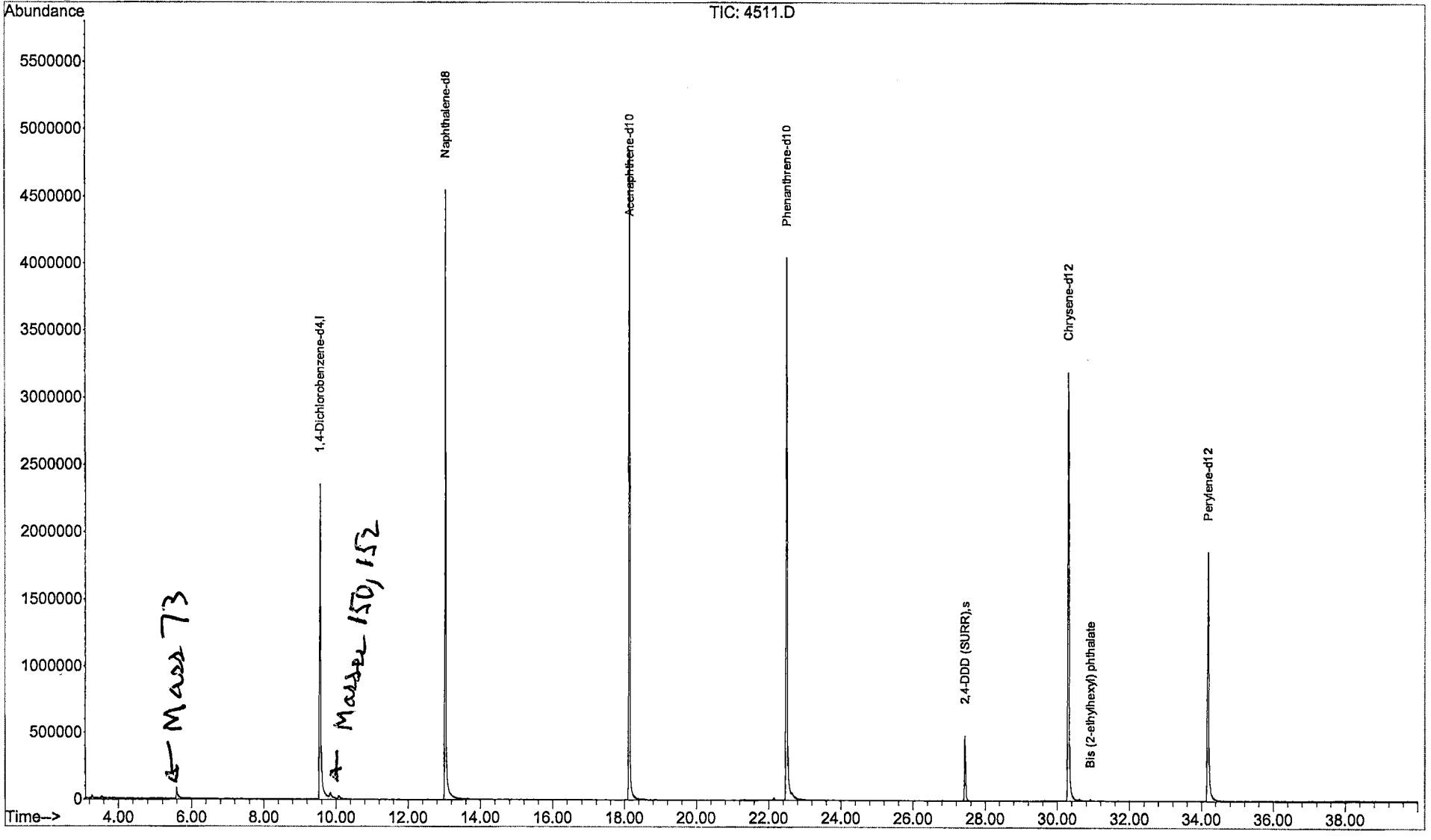
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	d
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4511.D Vial: 56
Acq On : 27 Mar 2002 7:13 pm Operator: McLean
Sample : SAMPLE 4511 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 5:35 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\032602\4511.D Vial: 56
Acq On : 27 Mar 2002 7:13 pm Operator: McLean
Sample : SAMPLE 4511 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 2500 Area counts
Start Thrs: 0.15 Max Peaks: 10
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

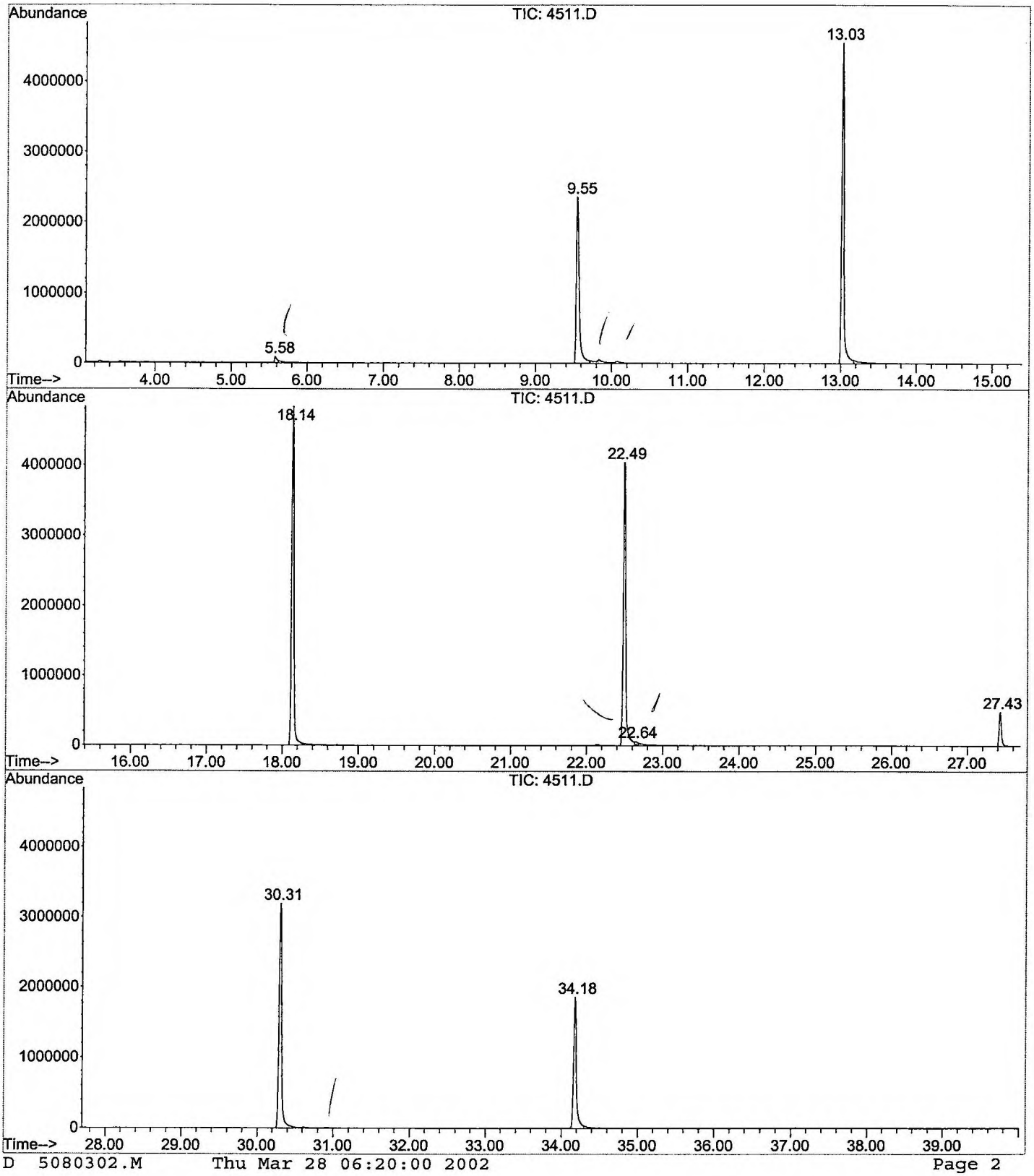
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.582	423	426	433	rBV	86414	173602	1.74%	0.358%
2	9.548	1095	1101	1130	rBV	2352301	6024130	60.25%	12.423%
3	13.026	1685	1693	1717	rBV	4549044	9380634	93.82%	19.346%
4	18.138	2553	2563	2586	rBV	4836924	9998485	100.00%	20.620%
5	22.492	3295	3304	3328	rBV2	4045939	9322321	93.24%	19.225%
6	22.645	3328	3330	3343	rVB5	39662	111592	1.12%	0.230%
7	27.433	4136	4145	4159	rBV	484312	991507	9.92%	2.045%
8	30.307	4623	4634	4662	rBV2	3194953	7728822	77.30%	15.939%
9	34.179	5281	5293	5314	rBV2	1861467	4758740	47.59%	9.814%

Sum of corrected areas: 48489833

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032602\4511.D
Operator : McLean
Acquired : 27 Mar 2002 7:13 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 4511 3/2/02
Misc Info :
Vial Number: 56
Quant File :5080302.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\032602\4511.D Vial: 56
Acq On : 27 Mar 2002 7:13 pm Operator: McLean
Sample : SAMPLE 4511 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

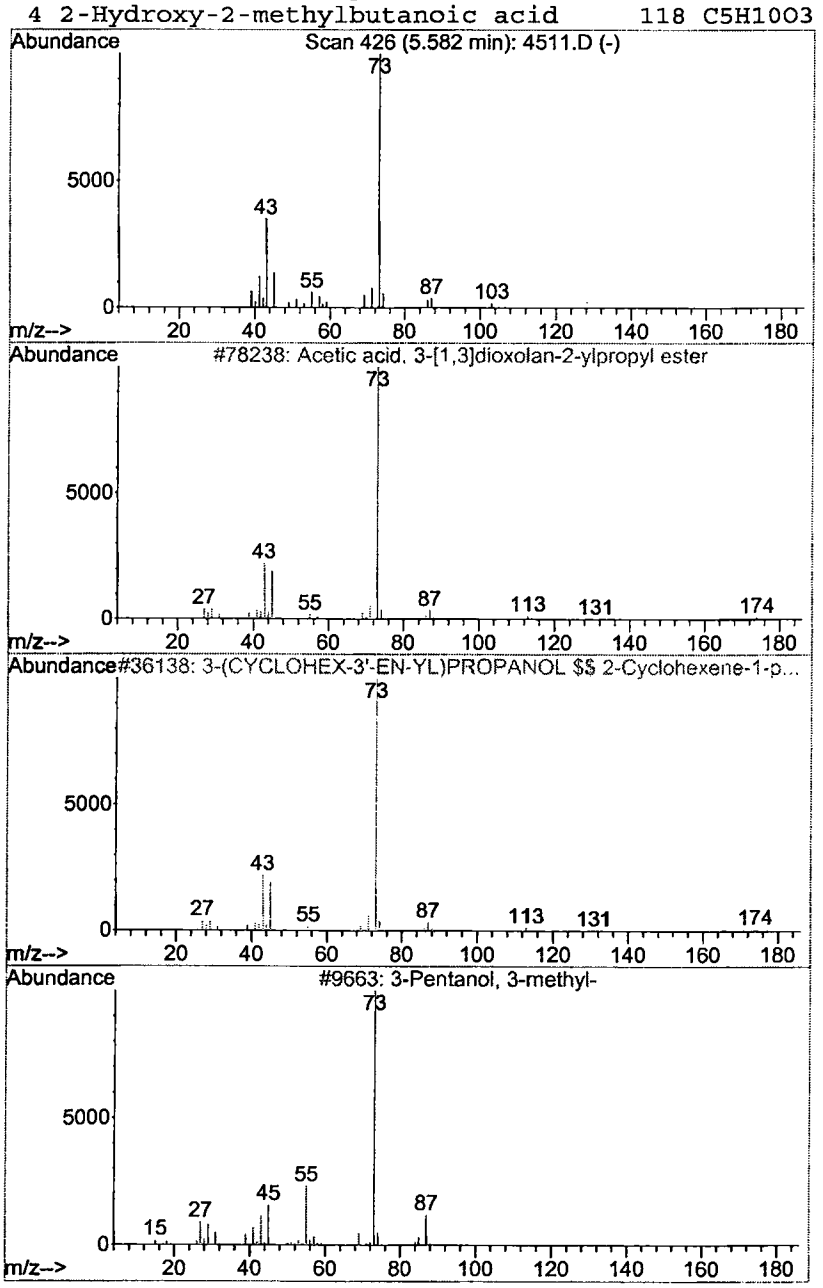
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

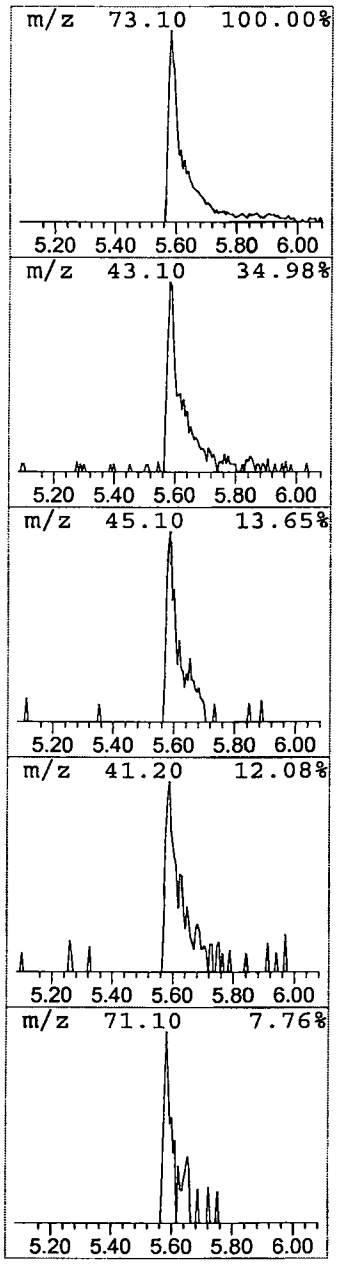
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	0.58 ug/L	173602	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
4	2-Hydroxy-2-methylbutanoic acid	118	C5H10O3	000000-00-0	28





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 27 Mar 2002 7:13 pm
Data File: C:\MSDCHEM\1\DATA\032602\4511.D
Name: SAMPLE 4511 3/2/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
Acetic acid, 3-[1...	5.58	0.6	ug/L	173602	1	9.55	6024130	20.0