User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 16:13:56

Sample: AE03475
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/28/02 16:13 Ended: 3/28/02 16:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]				

Comments for Sample AE03475 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-28-2002 Time: 16:13:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\3475B.D Vial: 32
Acq On : 12 Mar 2002 2:30 pm Operator: McLean
Sample : SAMPLE 3475 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:59:33 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 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	1637787	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4508016	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2526623	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3904383	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3802012	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	2551291	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.44	235	324369	6.96	ug/L	0.00
Spiked Amount 5.000			Recovery = 139.20%			
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. d		
34) Anthracene	0.00	178	0	N.D. d		
35) Di-n-butylphthalate	24.65	149	237717	1.15	ug/L	99
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	27716	0.19	ug/L	93
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)

Data File : C:\MSDCHEM\1\DATA\031202\3475B.D Vial: 32
Acq On : 12 Mar 2002 2:30 pm Operator: McLean
Sample : SAMPLE 3475 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 10:59:33 2002 Quant Results File: 5080302.RES

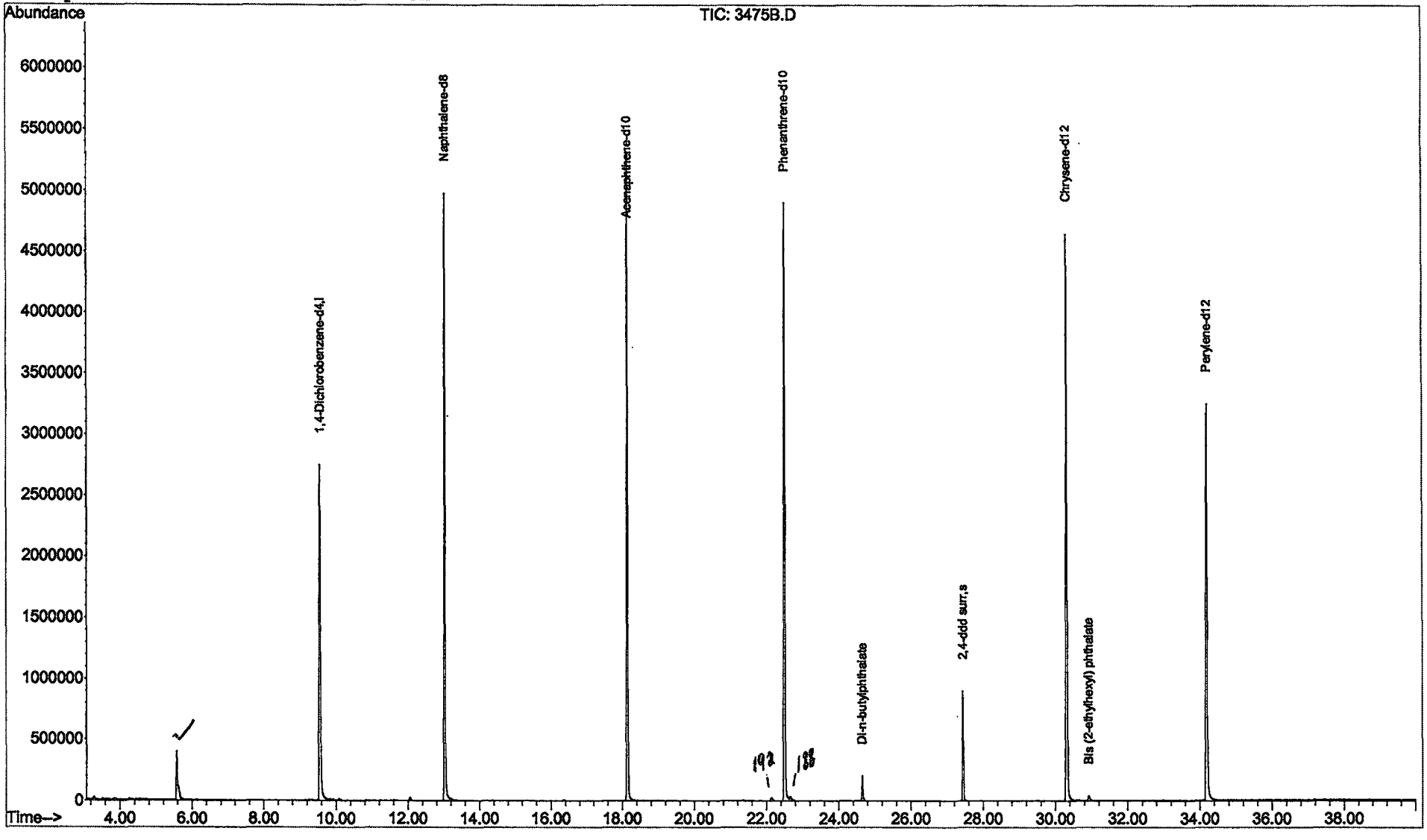
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
3475B.D 5080302.M Fri Mar 15 11:25:46 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031202\3475B.D Vial: 32
Acq On : 12 Mar 2002 2:30 pm Operator: McLean
Sample : SAMPLE 3475 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:25 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031202\3475B.D Vial: 32
Acq On : 12 Mar 2002 2:30 pm Operator: McLean
Sample : SAMPLE 3475 2/19/02 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 : 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

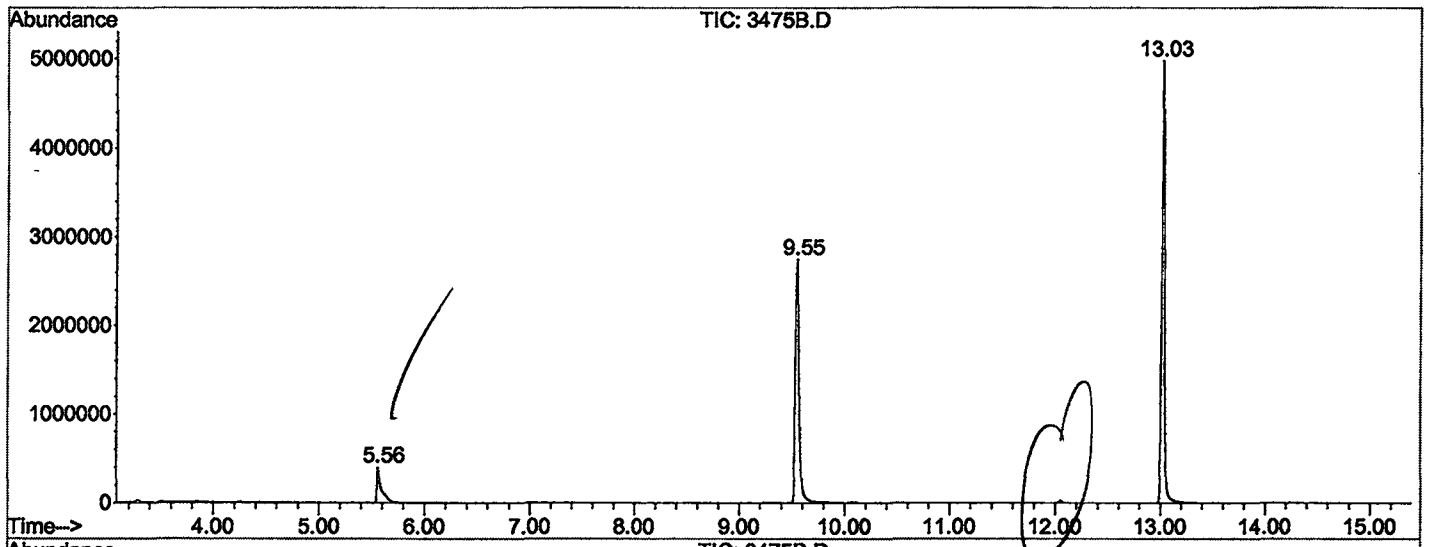
Signal : TIC

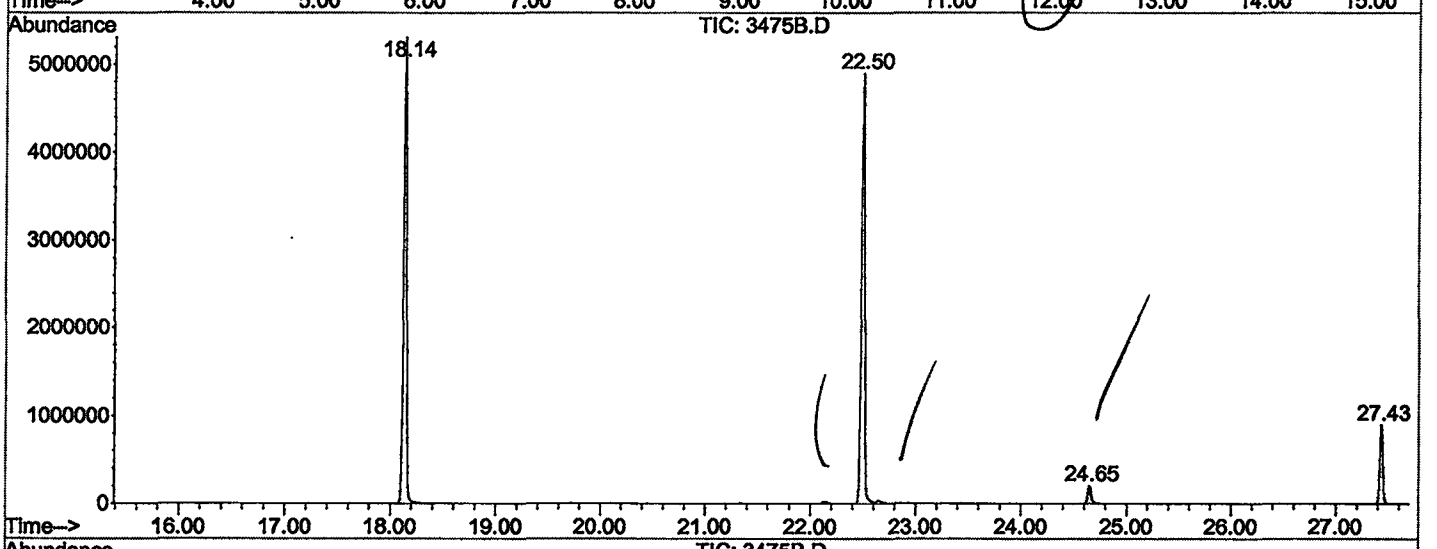
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	271	274	293	rBV	393906	1118488	10.06%	1.850%
2	9.552	708	714	729	rBV	2747736	6801641	61.17%	11.251%
3	13.026	1091	1097	1111	rBV	4975703	9622096	86.53%	15.916%
4	18.142	1654	1661	1683	rBV	5305000	10533559	94.73%	17.424%
5	22.505	2135	2142	2154	rBV2	4898249	10741180	96.60%	17.767%
6	24.645	2374	2378	2387	rBV	200820	399569	3.59%	0.661%
7	27.430	2680	2685	2693	rBV	898065	1670900	15.03%	2.764%
8	30.314	2995	3003	3023	rBV2	4649132	11119588	100.00%	18.393%
9	34.196	3423	3431	3452	rBV	3247631	8448379	75.98%	13.975%

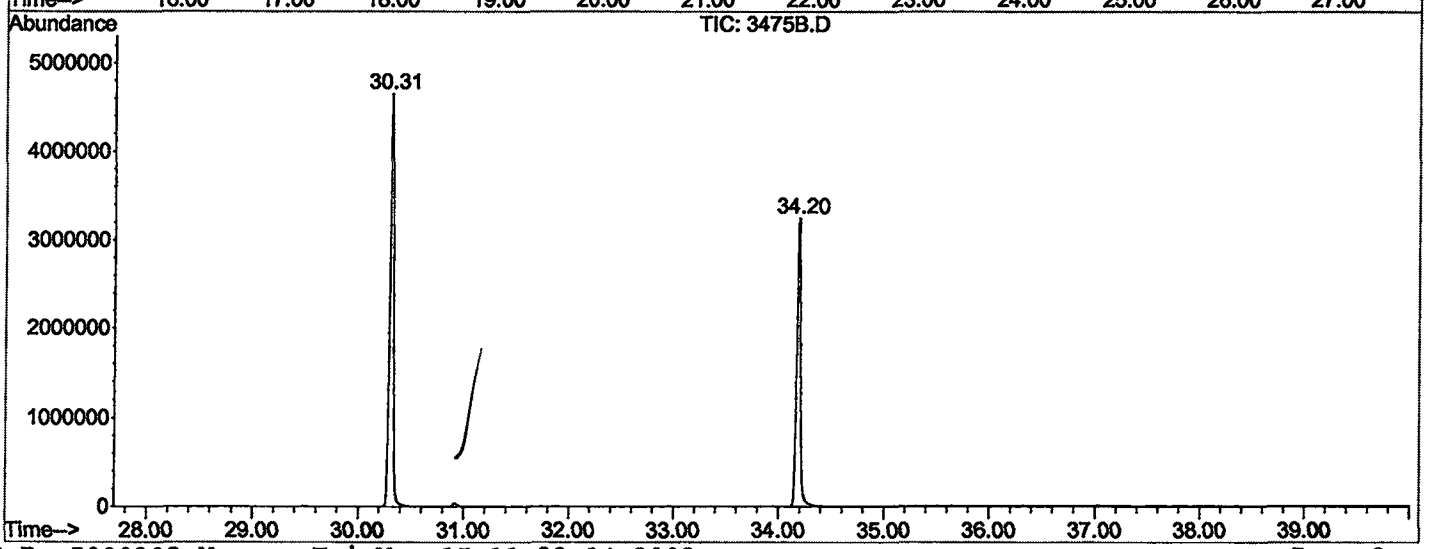
Sum of corrected areas: 60455400

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031202\3475B.D
Operator : McLean
Acquired : 12 Mar 2002 2:30 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3475 2/19/02
Misc Info :
Vial Number: 32
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031202\3475B.D Vial: 32
Acq On : 12 Mar 2002 2:30 pm Operator: McLean
Sample : SAMPLE 3475 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

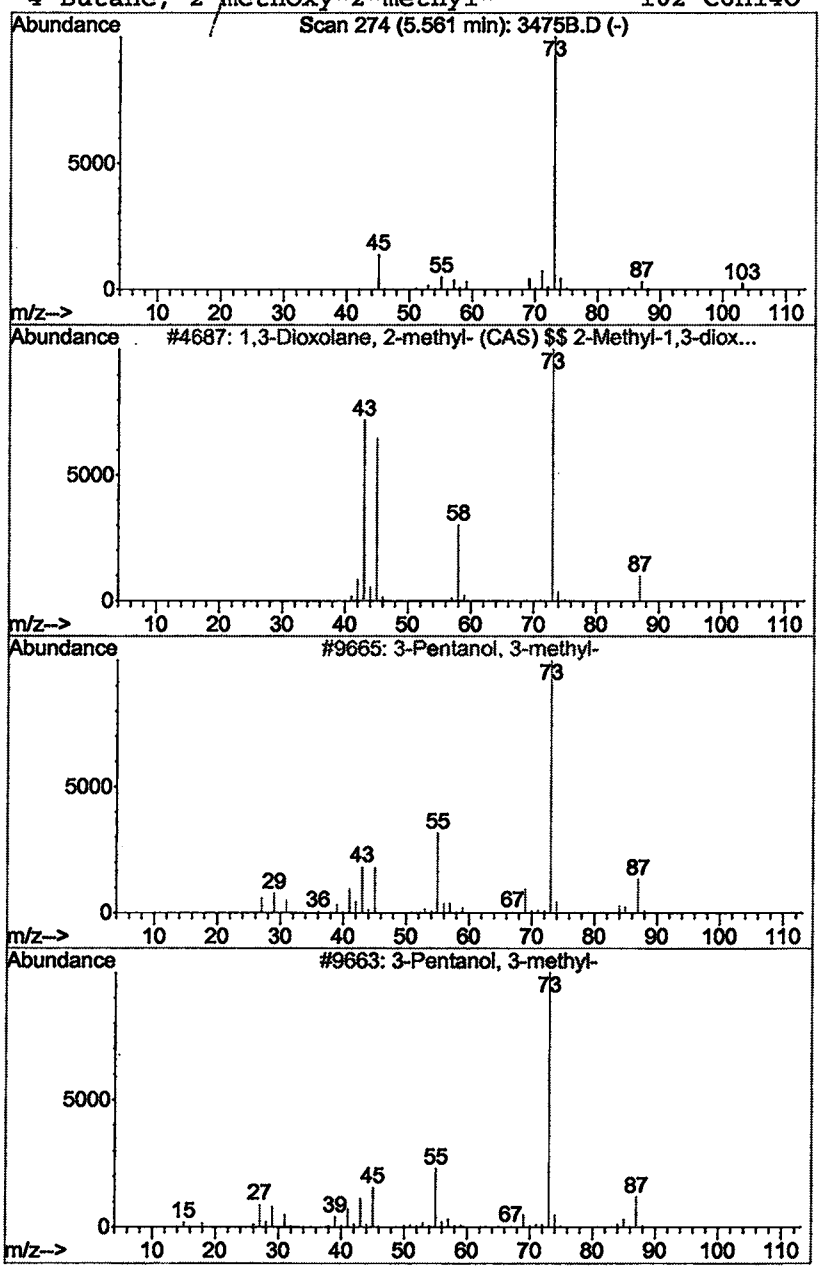
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

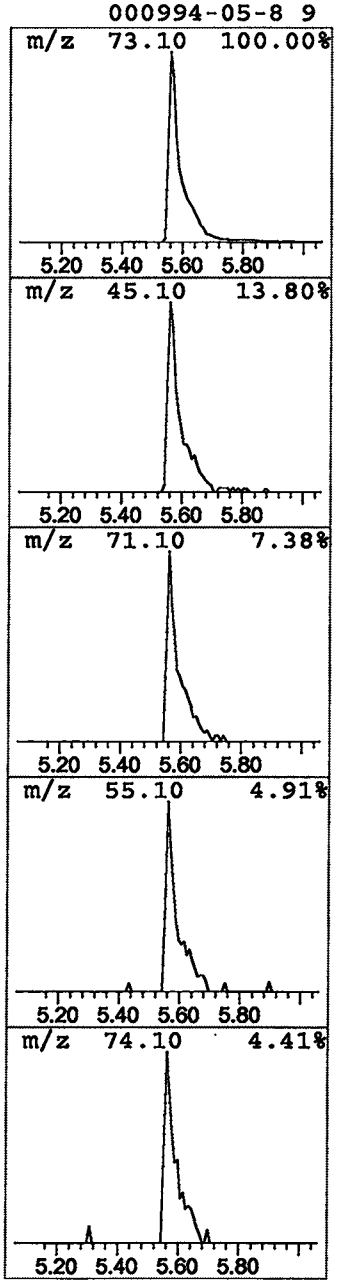
****

Peak Number 1 1,3-Dioxolane, 2-methyl- (C... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	3.29 ug/L	1118490	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 12 Mar 2002 2:30 pm
Data File: C:\MSDCHEM\1\DATA\031202\3475B.D
Name: SAMPLE 3475 2/19/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
1,3-Dioxolane, 2-...	5.56	3.3	ug/L	1118490	1	9.55	6801640	20.0