User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 16:33:41

Sample: AE03505
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/28/02 16:33 Ended: 3/28/02 16:33 Analyst: DLV
Page: 1

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

Comments for Sample AE03505 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-28-2002 Time: 16:33:54

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\3505.D Vial: 37
Acq On : 12 Mar 2002 6:35 pm Operator: McLean
Sample : SAMPLE 3505 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:16:13 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	9.54	150	1635884	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4503550	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2512169	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3965635	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3879807	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	2694238	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	322743	6.82	ug/L	0.00
Spiked Amount 5.000			Recovery = 136.40%			
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	24.65	149	249997	1.19	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	27974	0.18	ug/L	90
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\3505.D Vial: 37
Acq On : 12 Mar 2002 6:35 pm Operator: McLean
Sample : SAMPLE 3505 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:16:13 2002 Quant Results File: 5080302.RES

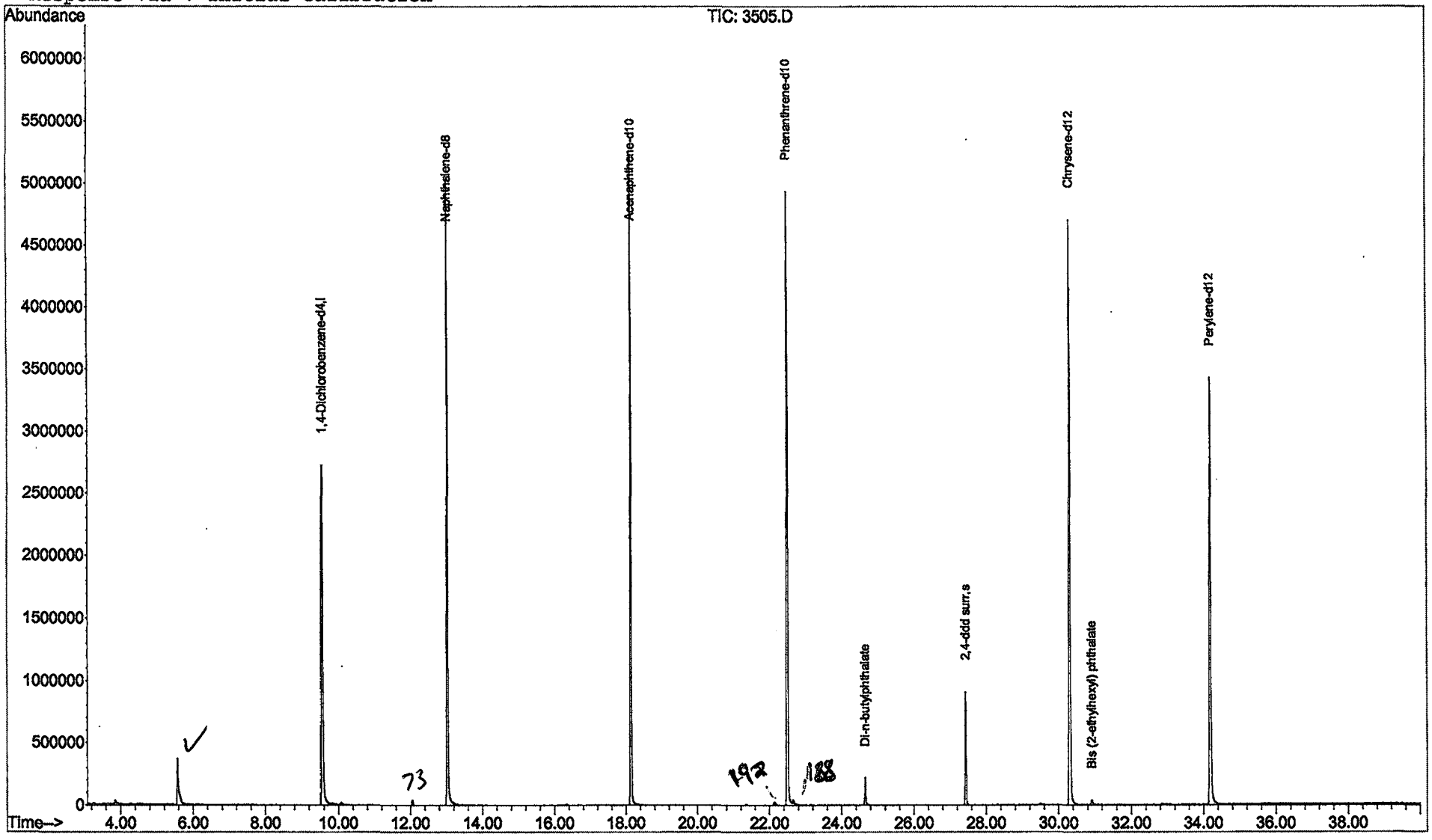
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
3505.D 5080302.M Fri Mar 15 11:30:10 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031202\3505.D Vial: 37
Acq On : 12 Mar 2002 6:35 pm Operator: McLean
Sample : SAMPLE 3505 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:29 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\3505.D Vial: 37
Acq On : 12 Mar 2002 6:35 pm Operator: McLean
Sample : SAMPLE 3505 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

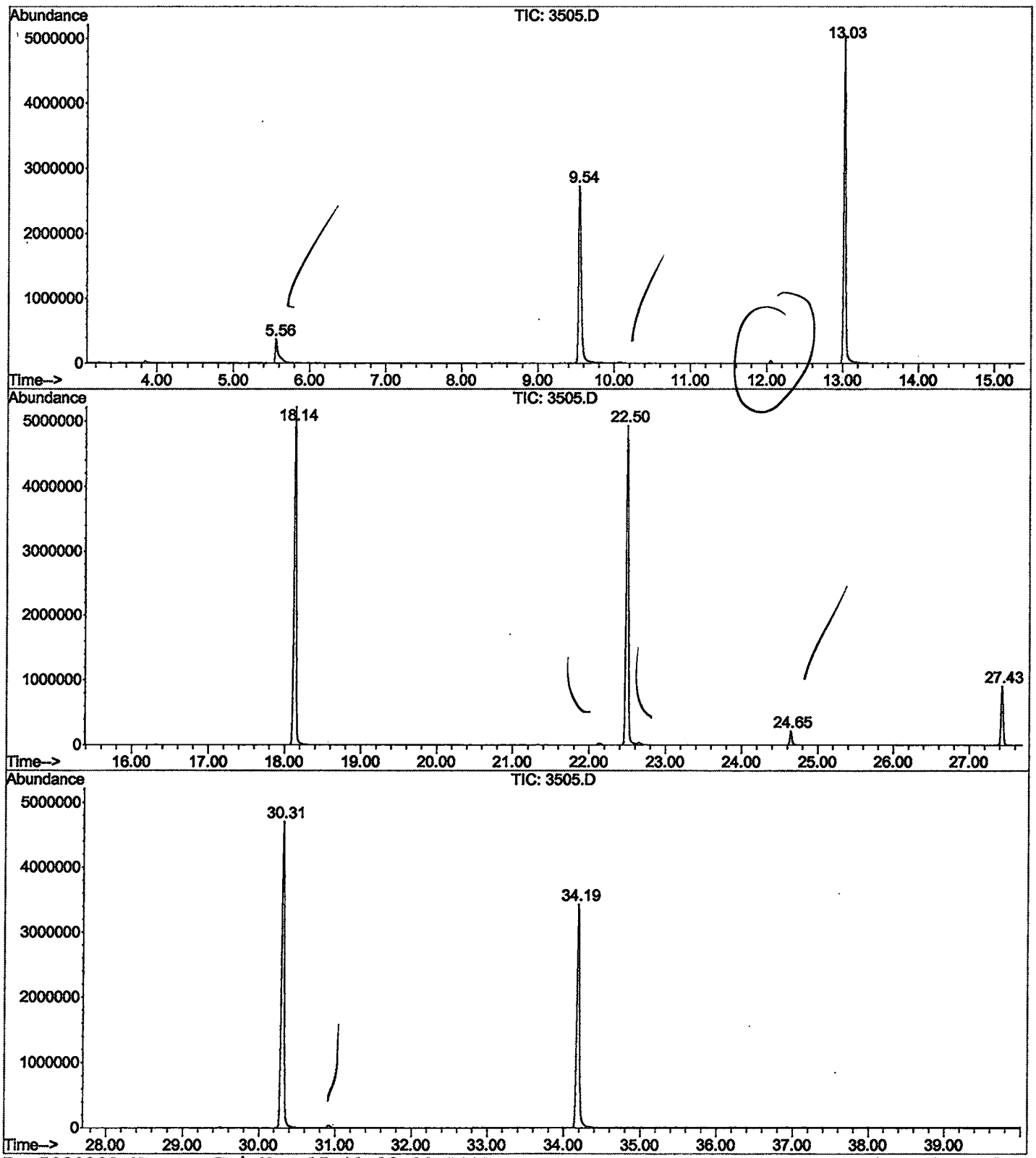
Signal : TIC

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	291	rBV	367519	1030314	9.08%	1.679%
2	9.543	709	713	735	rBV	2727065	6882620	60.65%	11.215%
3	13.026	1091	1097	1112	rBV	5040274	9681232	85.32%	15.776%
4	18.142	1654	1661	1676	rBV	5222138	10519112	92.70%	17.141%
5	22.495	2134	2141	2155	rBV2	4934668	10918425	96.22%	17.792%
6	24.645	2373	2378	2390	rBV	218377	426420	3.76%	0.695%
7	27.430	2680	2685	2693	rBV	906769	1698444	14.97%	2.768%
8	30.314	2995	3003	3023	rBV2	4705725	11347192	100.00%	18.490%
9	34.187	3422	3430	3443	rBV2	3430736	8864342	78.12%	14.445%

Sum of corrected areas: 61368101

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031202\3505.D
Operator : McLean
Acquired : 12 Mar 2002 6:35 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3505 2/19/02
Misc Info :
Vial Number: 37
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031202\3505.D Vial: 37
Acq On : 12 Mar 2002 6:35 pm Operator: McLean
Sample : SAMPLE 3505 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

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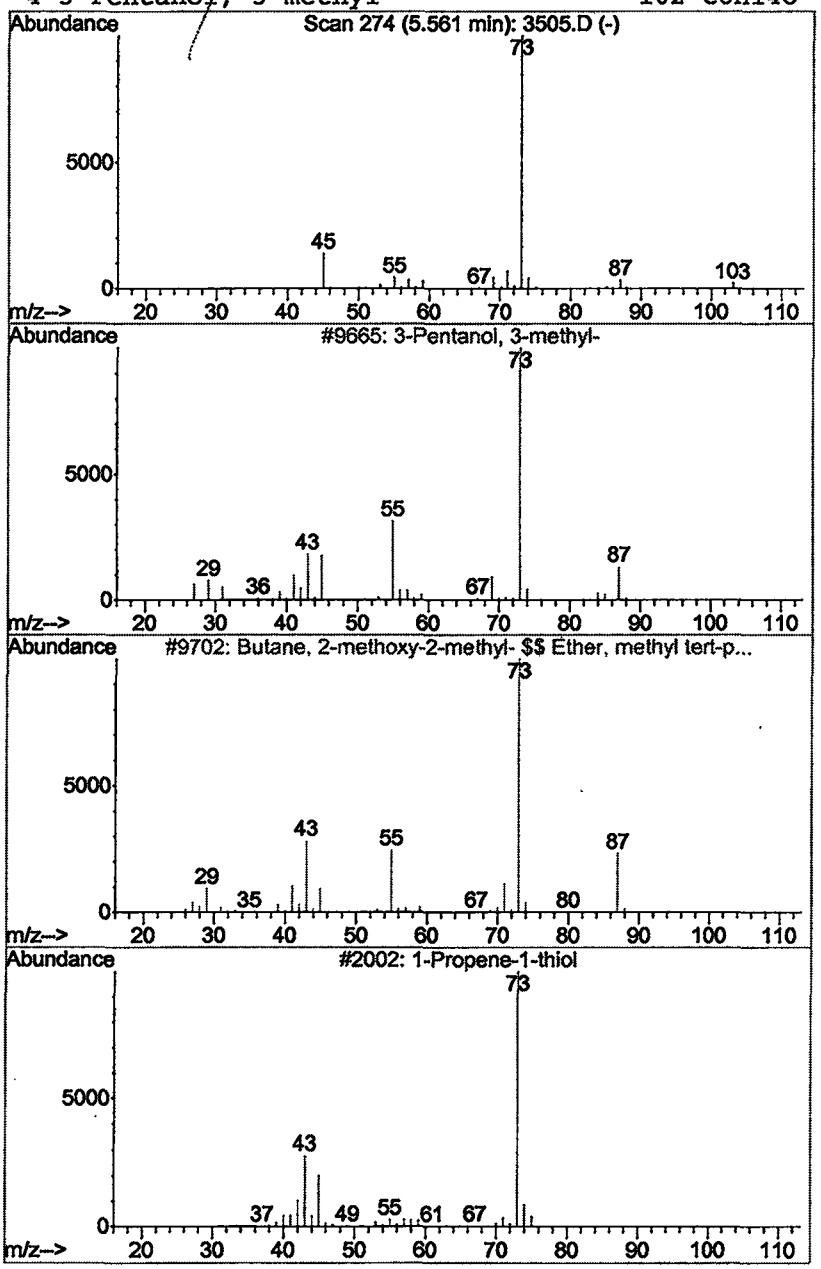
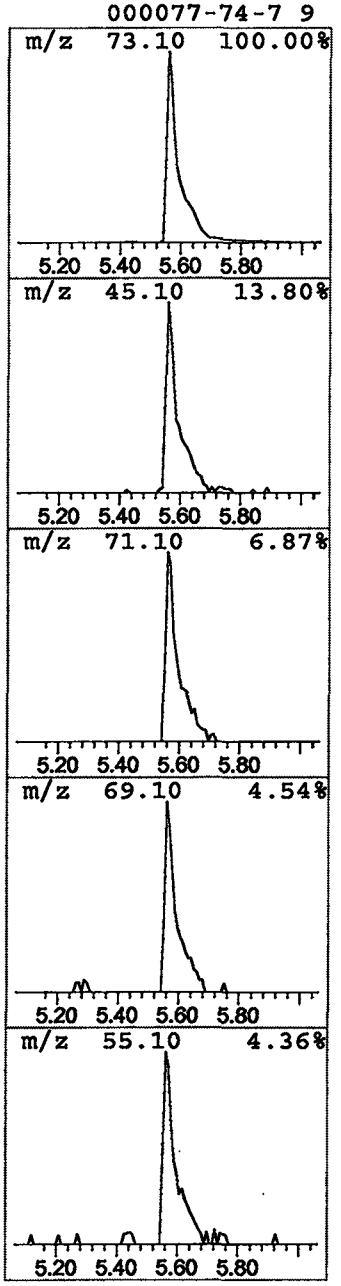
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	2.99 ug/L	1030310	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 12 Mar 2002 6:35 pm
Data File: C:\MSDCHEM\1\DATA\031202\3505.D
Name: SAMPLE 3505 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
3-Pentanol, 3-met...	5.56	3.0	ug/L	1030310	1	9.54	6882620	20.0