User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 16:06:13

Sample: AE05241
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 16:05 Ended: 3/29/02 16:05 Analyst: DLV
Page: 1

	Component Name	Vio	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	USEO	156		50

Comments for Sample AE05241 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 16:06:34

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\5241.D Vial: 18
Acq On : 17 Mar 2002 12:46 am Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:47:10 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	1566175	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4269292	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2356852	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3603301	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3264234	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1759167	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	334971	7.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 155.80%			
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	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	0.00	149	0	N.D.	d	
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 : 17 Mar 2002 12:46 am Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:47:10 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

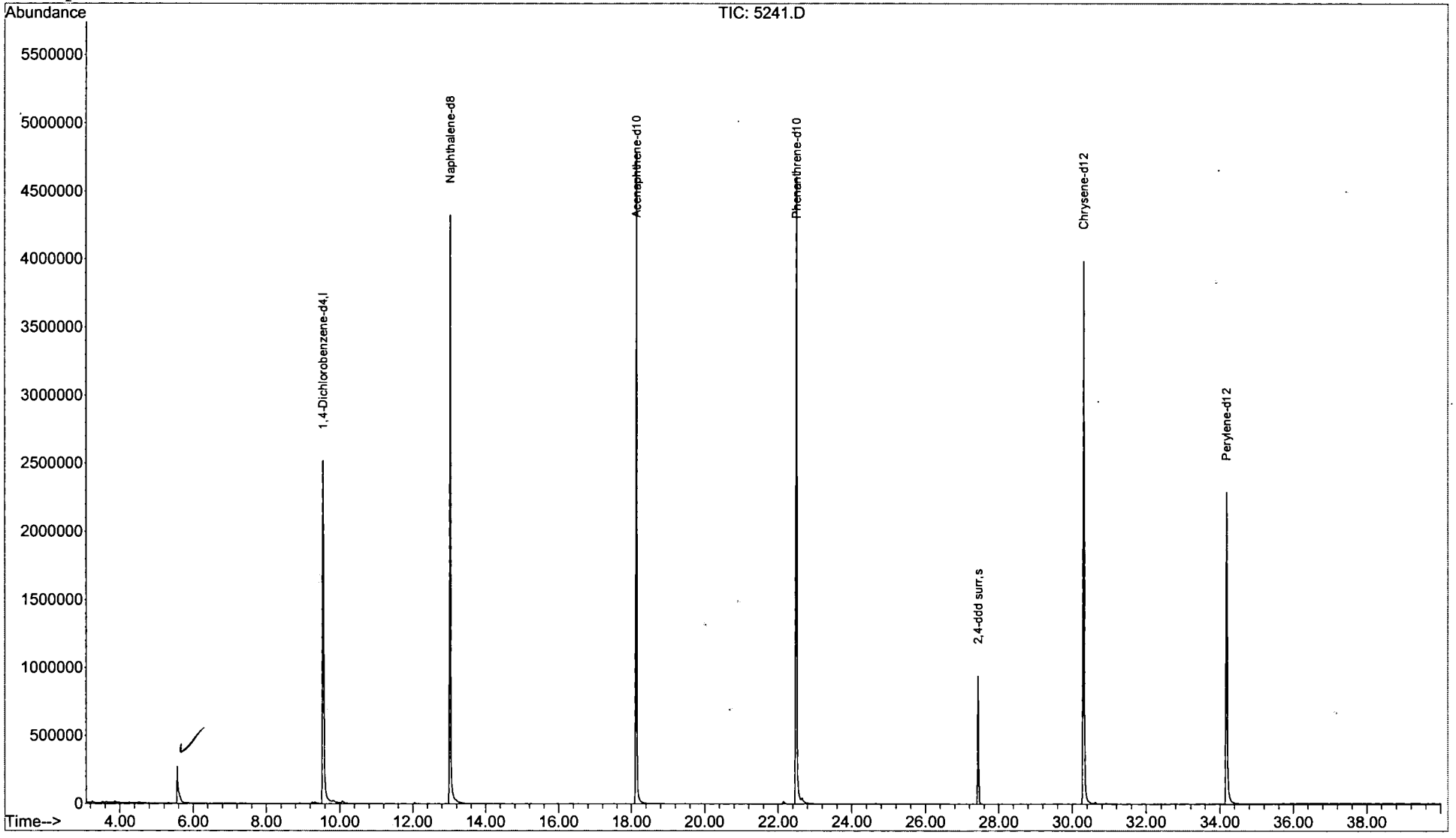
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\5241.D Vial: 18
Acq On : 17 Mar 2002 12:46 am Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 8:48 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\031602\5241.D Vial: 18
Acq On : 17 Mar 2002 12:46 am Operator: McLean
Sample : 3/9 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

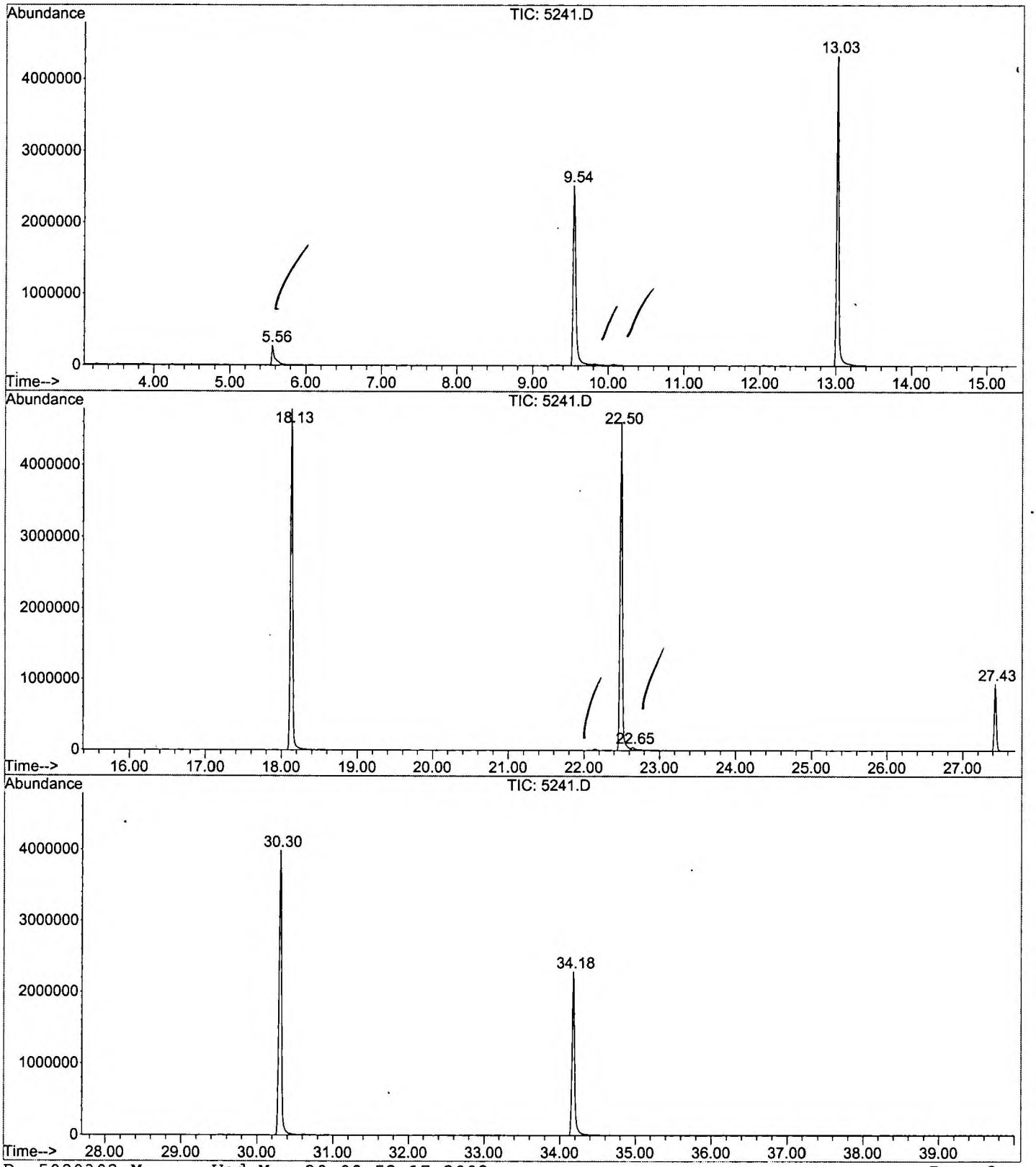
Signal : TIC

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	268929	759431	7.67%	1.425%
2	9.543	708	713	735	rBV	2515757	6630730	66.93%	12.442%
3	13.026	1091	1097	1122	rBV	4325455	9155086	92.41%	17.179%
4	18.133	1654	1660	1681	rBV	4783842	9771956	98.63%	18.337%
5	22.495	2134	2141	2154	rBV2	4609582	9907476	100.00%	18.591%
6	22.650	2155	2158	2167	rVB2	37431	112209	1.13%	0.211%
7	27.430	2680	2685	2699	rBB	940986	1766185	17.83%	3.314%
8	30.305	2995	3002	3016	rBV2	3985678	9451126	95.39%	17.735%
9	34.178	3423	3429	3449	rBV2	2286530	5737092	57.91%	10.766%

Sum of corrected areas: 53291291

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031602\5241.D
Operator : McLean
Acquired : 17 Mar 2002 12:46 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/9
Misc Info :
Vial Number: 18
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031602\5241.D Vial: 18
Acq On : 17 Mar 2002 12:46 am Operator: McLean
Sample : 3/9 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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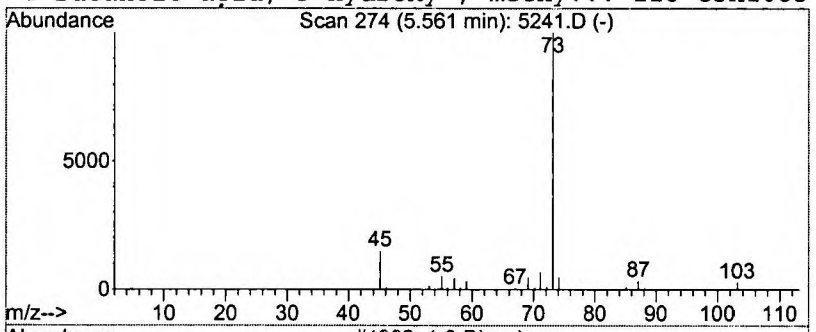
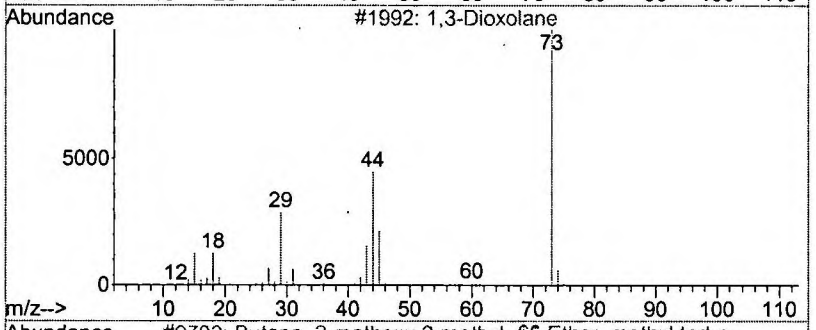
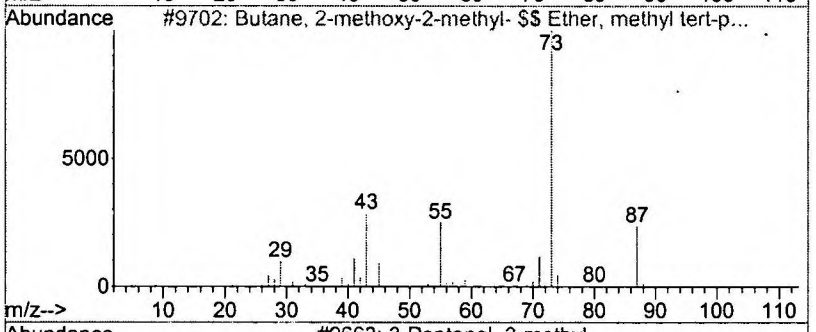
Peak Number 1 1,3-Dioxolane Concentration Rank 1

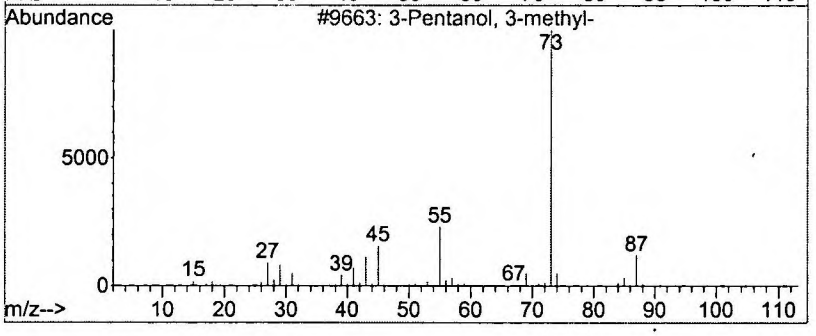
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	2.29 ug/L	759431	1,4-Dichlorobenzene-d4	9.54

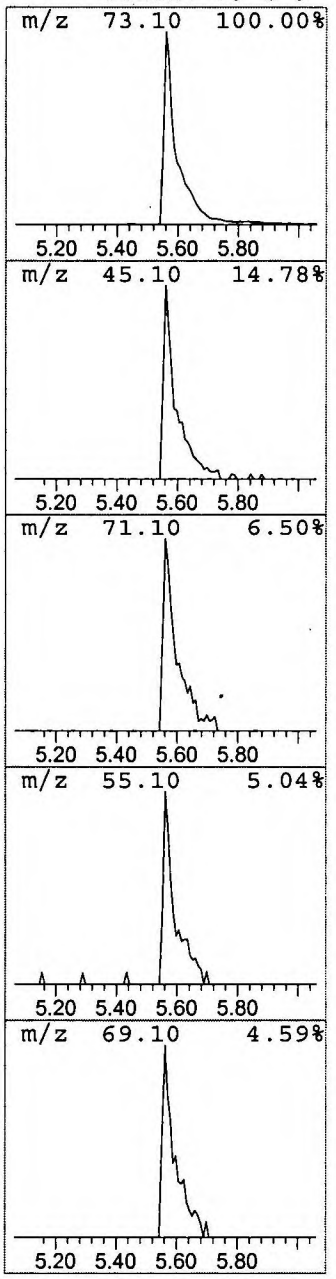
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	9
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butanoic acid, 3-hydroxy-, methy...	118	C5H10O3	001487-49-6	9











Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 12:46 am
Data File: C:\MSDCHEM\1\DATA\031602\5241.D
Name: 3/9
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	5.56	2.3	ug/L	759431	1	9.54	6630730	20.0