User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/14/2002 Time: 17:04:10

Sample: AE03440
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/14/02 17:03 Ended: 3/14/02 17:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE03440 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-14-2002 Time: 17:04:23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03440.D Vial: 27
Acq On : 1 Mar 2002 9:53 am Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:50:21 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	1193642	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3195591	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	1771133	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2688265	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	2291659	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1488565	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	211102	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.30	74	22590	0.63	ug/L	100
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	18.16	165	226856	9.21	ug/L #	25
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.		
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	129687	1.25	ug/L	98
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 : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 06:50:21 2002 Quant Results File: 5080202.RES

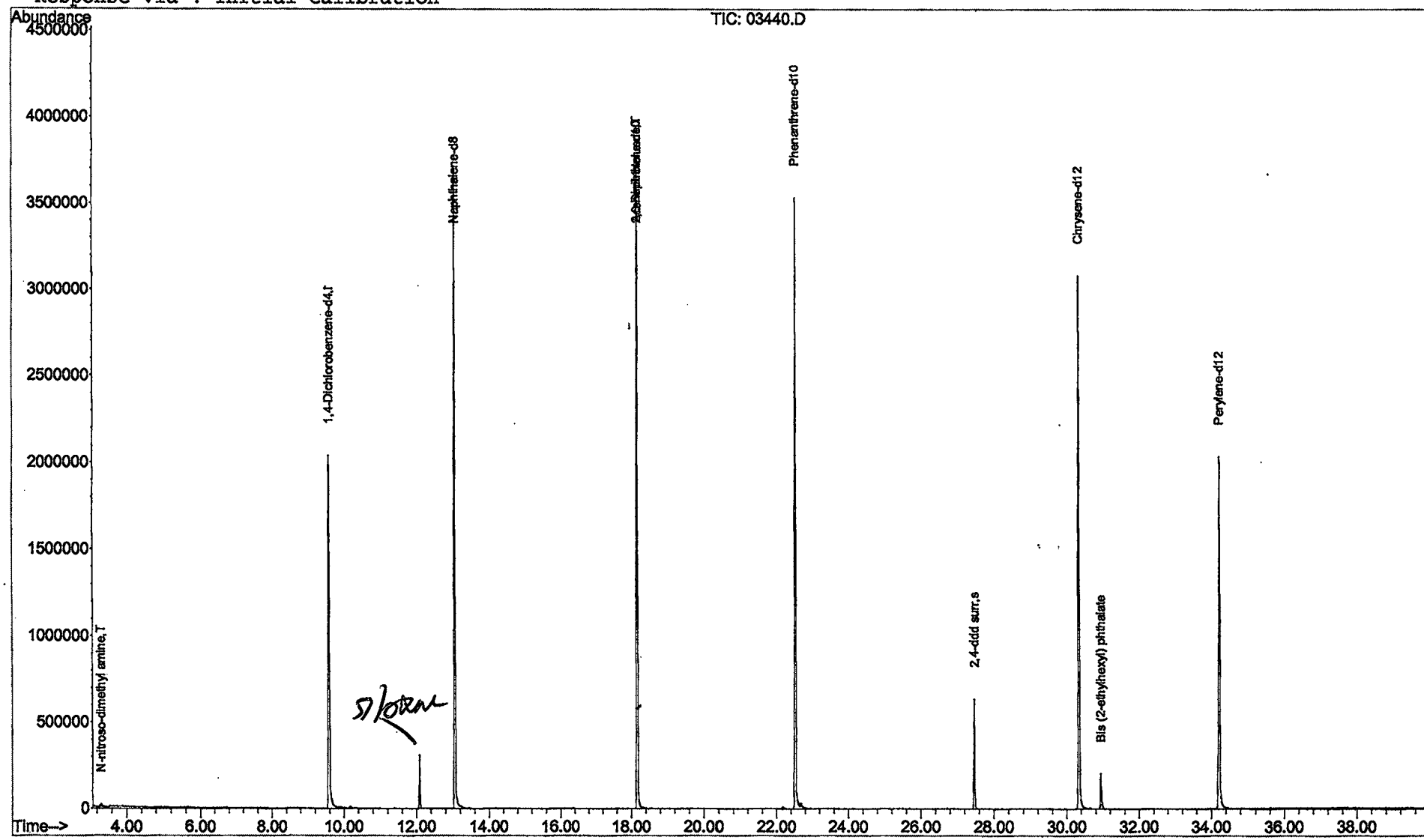
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
03440.D 5080202.M Wed Mar 13 06:51:00 2002

Data File : C:\MSDCHEM\1\DATA\022802\03440.D Vial: 27
Acq On : 1 Mar 2002 9:53 am Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 6:50 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



Data File : C:\MSDCHEM\1\DATA\022802\03440.D Vial: 27
Acq On : 1 Mar 2002 9:53 am Operator: McLean
Sample : 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

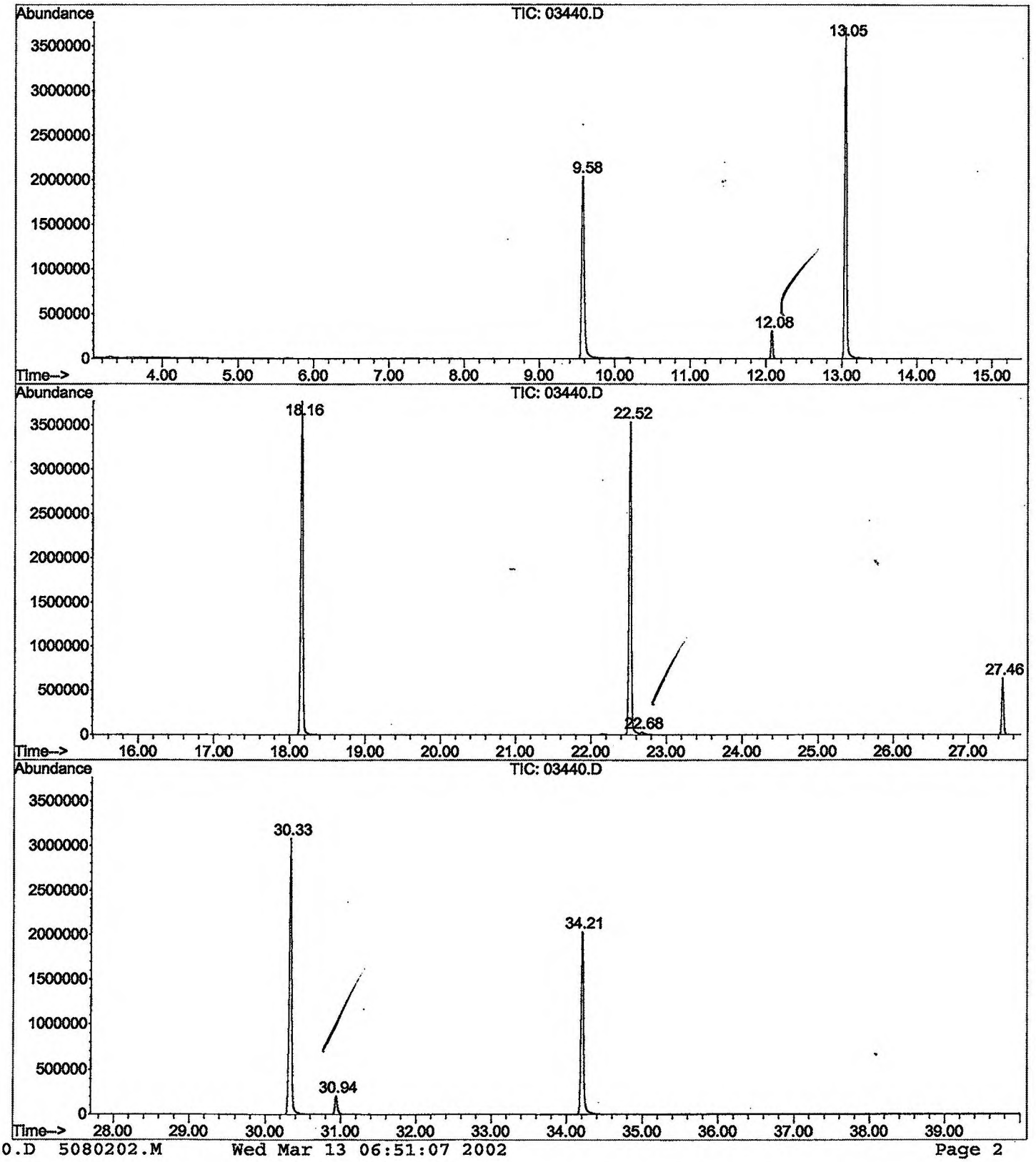
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	712	717	738	rBV	2038174	5059815	68.33%	12.521%
2	12.083	988	993	997	rBV	307504	502725	6.79%	1.244%
3	13.053	1095	1100	1115	rBV	3696321	6870271	92.77%	17.001%
4	18.160	1657	1663	1682	rBV	3763167	7405375	100.00%	18.325%
5	22.523	2138	2144	2158	rBV2	3532176	7385984	99.74%	18.277%
6	22.677	2158	2161	2171	rVB2	26431	75731	1.02%	0.187%
7	27.457	2683	2688	2694	rBV	635478	1106399	14.94%	2.738%
8	30.332	2998	3005	3027	rBV2	3080978	6650299	89.80%	16.456%
9	30.940	3067	3072	3082	rBV	203319	455196	6.15%	1.126%
10	34.205	3425	3432	3456	rBV2	2035273	4899653	66.16%	12.124%

Sum of corrected areas: 40411448

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03440.D
Operator : McLean
Acquired : 1 Mar 2002 9:53 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name:
Misc Info :
Vial Number: 27
Quant File :5080202.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\022802\03440.D Vial: 27
Acq On : 1 Mar 2002 9:53 am Operator: McLean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

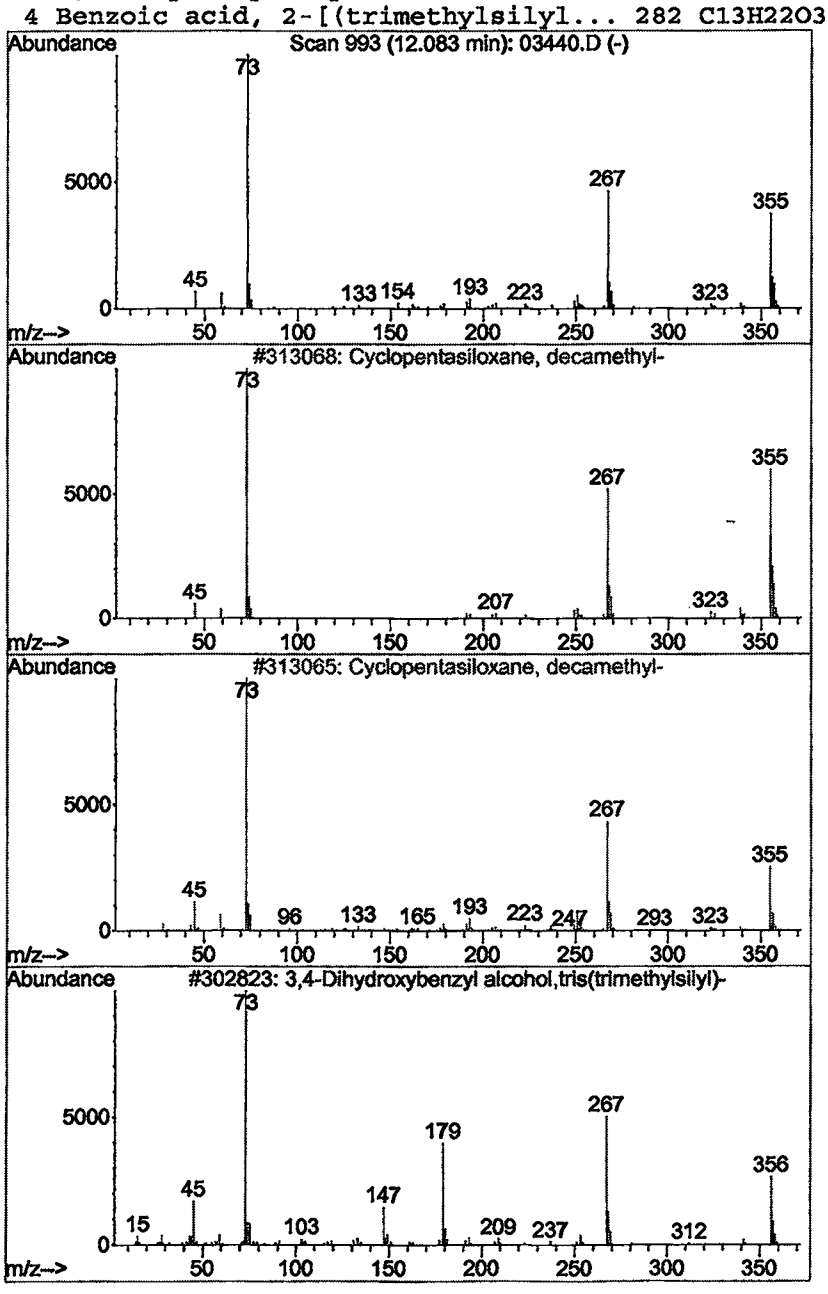
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

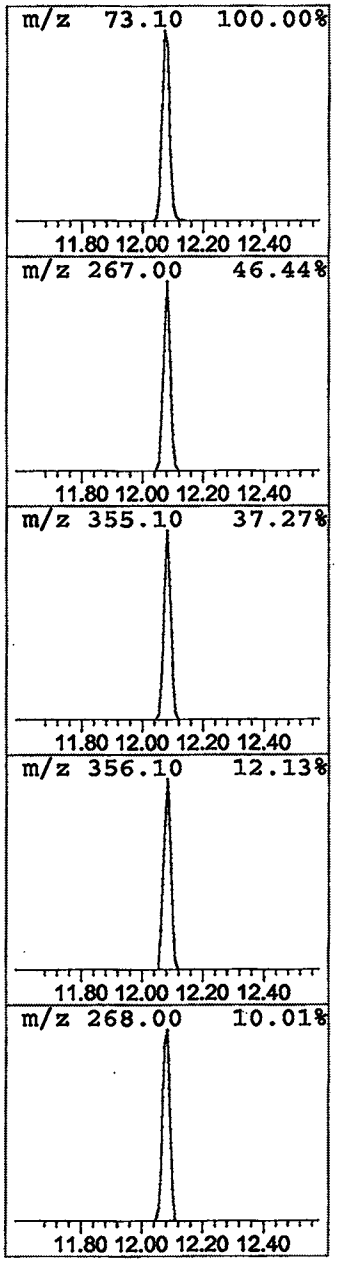
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	1.46 ug/L	502725	Naphthalene-d8	13.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	46
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	40
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	37





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 1 Mar 2002 9:53 am
Data File: C:\MSDCHEM\1\DATA\022802\03440.D
Name:
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.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
Cyclopentasiloxan...	12.08	1.5	ug/L	502725	2	13.05	6870270	20.0