User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 15:17:04

Sample: AE05309
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 14:59 Ended: 3/29/02 14:59 Analyst: DLV
Page: 1

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

Comments for Sample AE05309 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 15:17:09

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\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:51:36 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	1223567	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3401890	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1858547	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2873578	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2631842	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1445257	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	235083	6.86	ug/L	0.00
Spiked Amount 5.000			Recovery = 137.20%			
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	24.65	149	76655	0.50	ug/L	96
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	18397	0.18	ug/L	85
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
5309FB.D 5080302.M Mon Mar 25 06:52:12 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:51:36 2002 Quant Results File: 5080302.RES

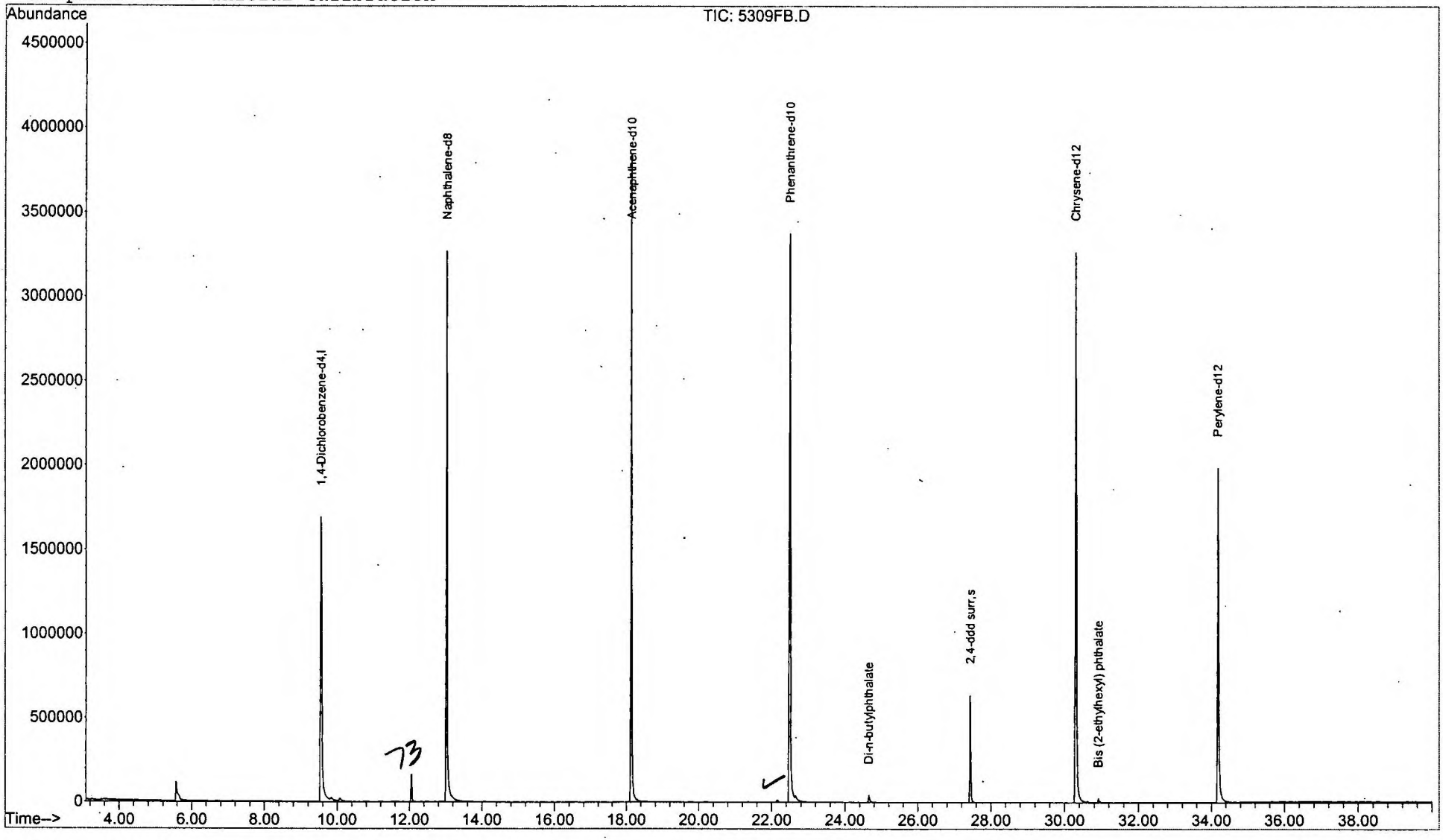
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
5309FB.D 5080302.M Mon Mar 25 06:52:12 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 6:52 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\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 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

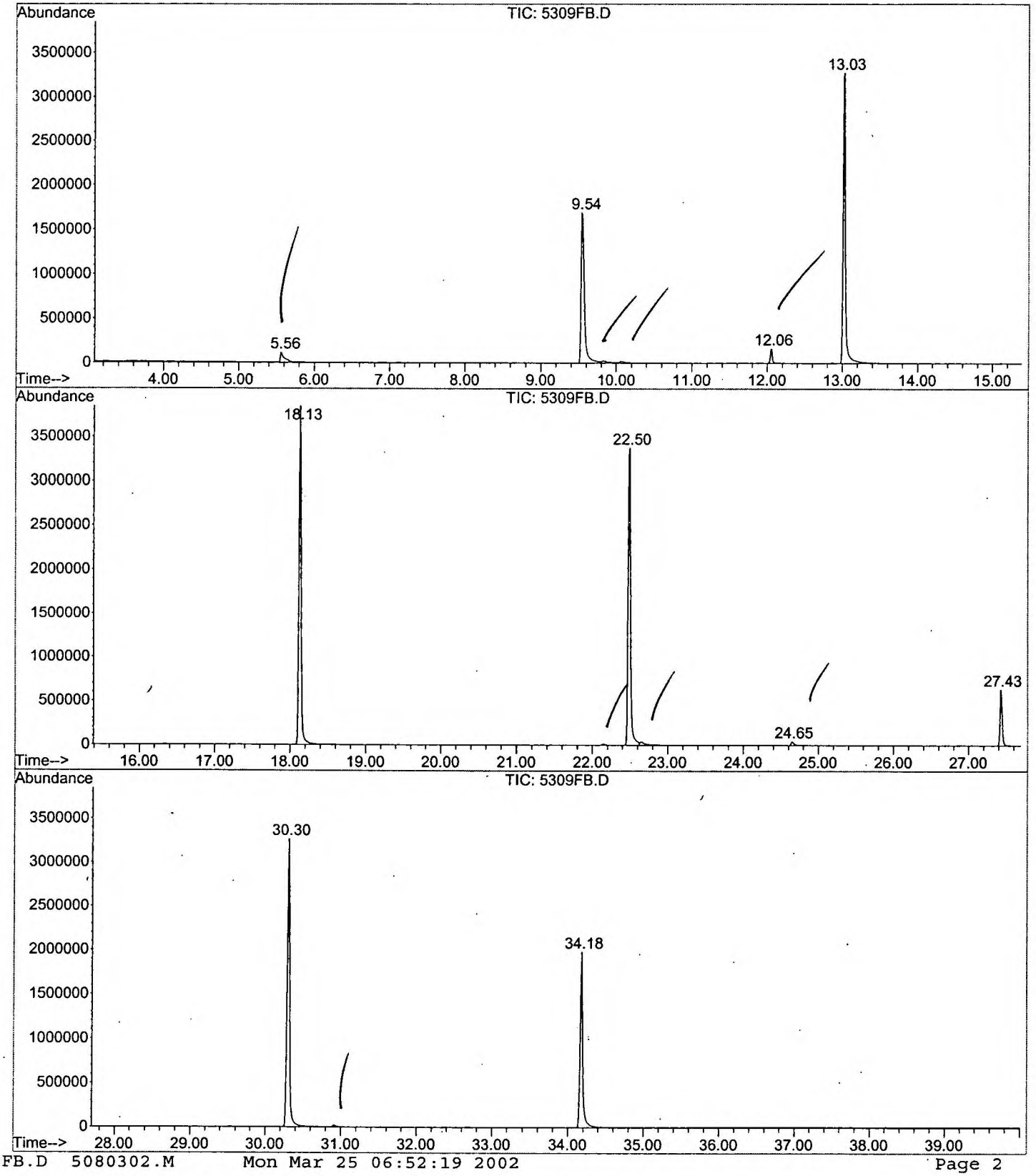
Signal : TIC

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	292	rBV	112226	395193	5.04%	0.933%
2	9.543	709	713	738	rBV	1690045	5059850	64.52%	11.941%
3	12.056	985	990	1001	rBV2	163583	300933	3.84%	0.710%
4	13.026	1091	1097	1120	rBV	3268682	7208637	91.92%	17.012%
5	18.133	1654	1660	1675	rBV	3844991	7737865	98.67%	18.260%
6	22.495	2135	2141	2155	rBV2	3374331	7842164	100.00%	18.507%
7	24.645	2374	2378	2391	rBV	42649	114512	1.46%	0.270%
8	27.430	2680	2685	2697	rBV	635132	1230063	15.69%	2.903%
9	30.305	2995	3002	3024	rBV2	3264426	7666456	97.76%	18.092%
10	34.178	3422	3429	3452	rBV	1985032	4819307	61.45%	11.373%

Sum of corrected areas: 42374980

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5309FB.D
Operator : McLean
Acquired : 17 Mar 2002 5:46 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 12
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

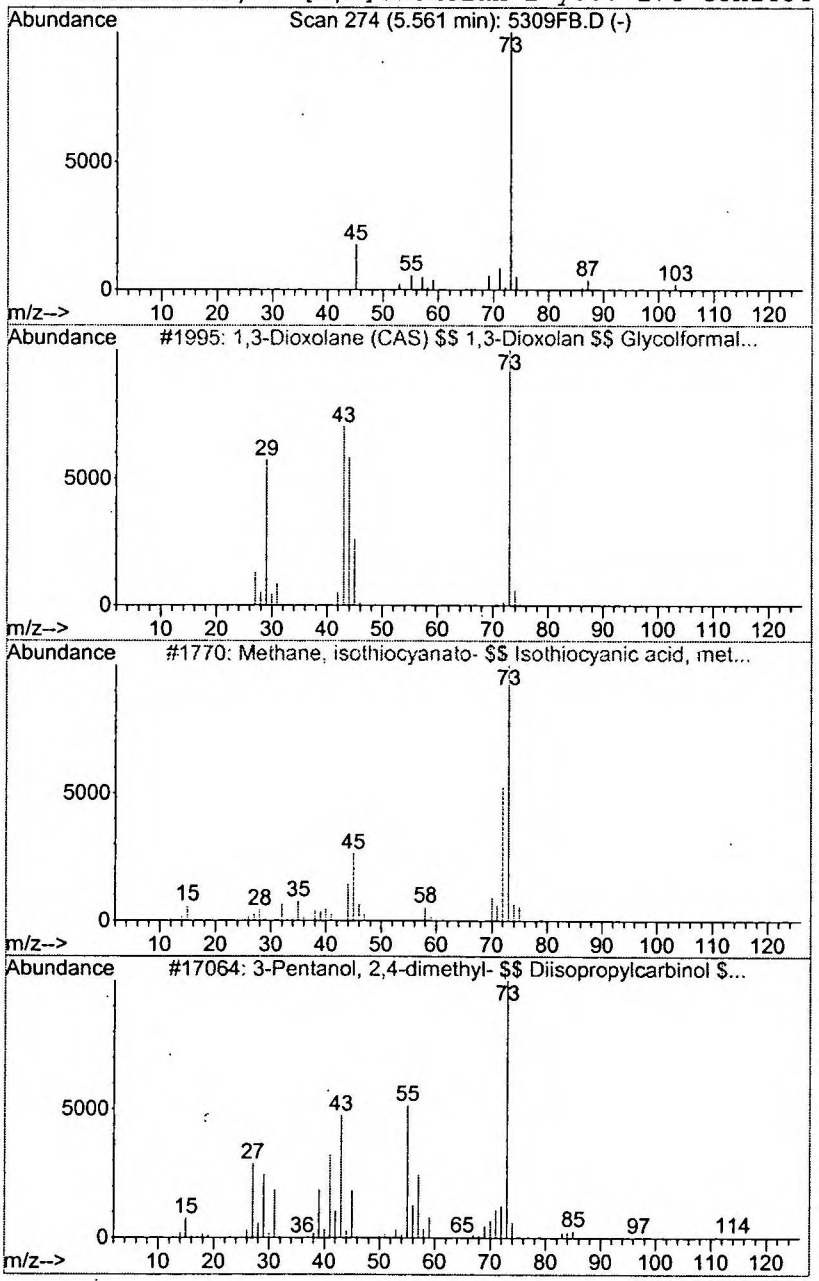
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

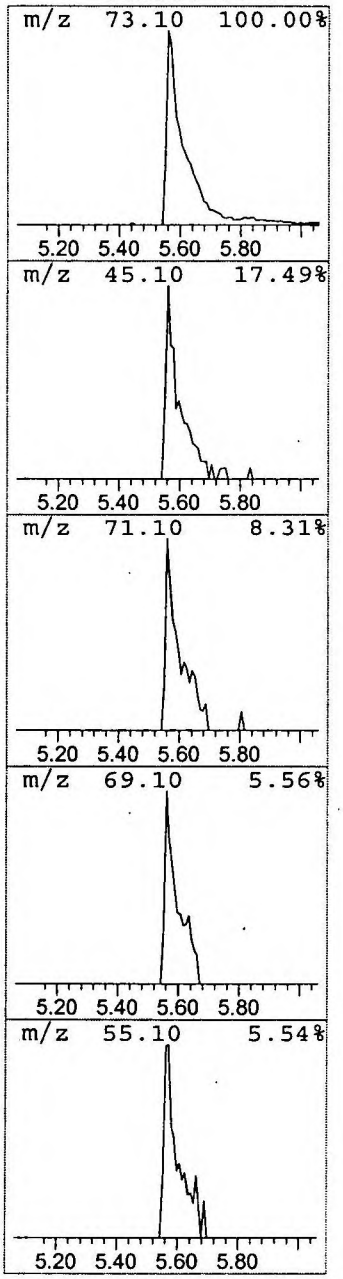
****

Peak Number 1 1,3-Dioxolane (CAS) $$ 1,3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.56 ug/L	395193	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane (CAS) $$ 1,3-Dioxo...	74	C3H6O2	000646-06-0	9
2	Methane, isothiocyanato- $$ Isot...	73	C2H3NS	000556-61-6	9
3	3-Pentanol, 2,4-dimethyl- $$ Dii...	116	C7H16O	000600-36-2	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5309FB.D Vial: 12
Acq On : 17 Mar 2002 5:46 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

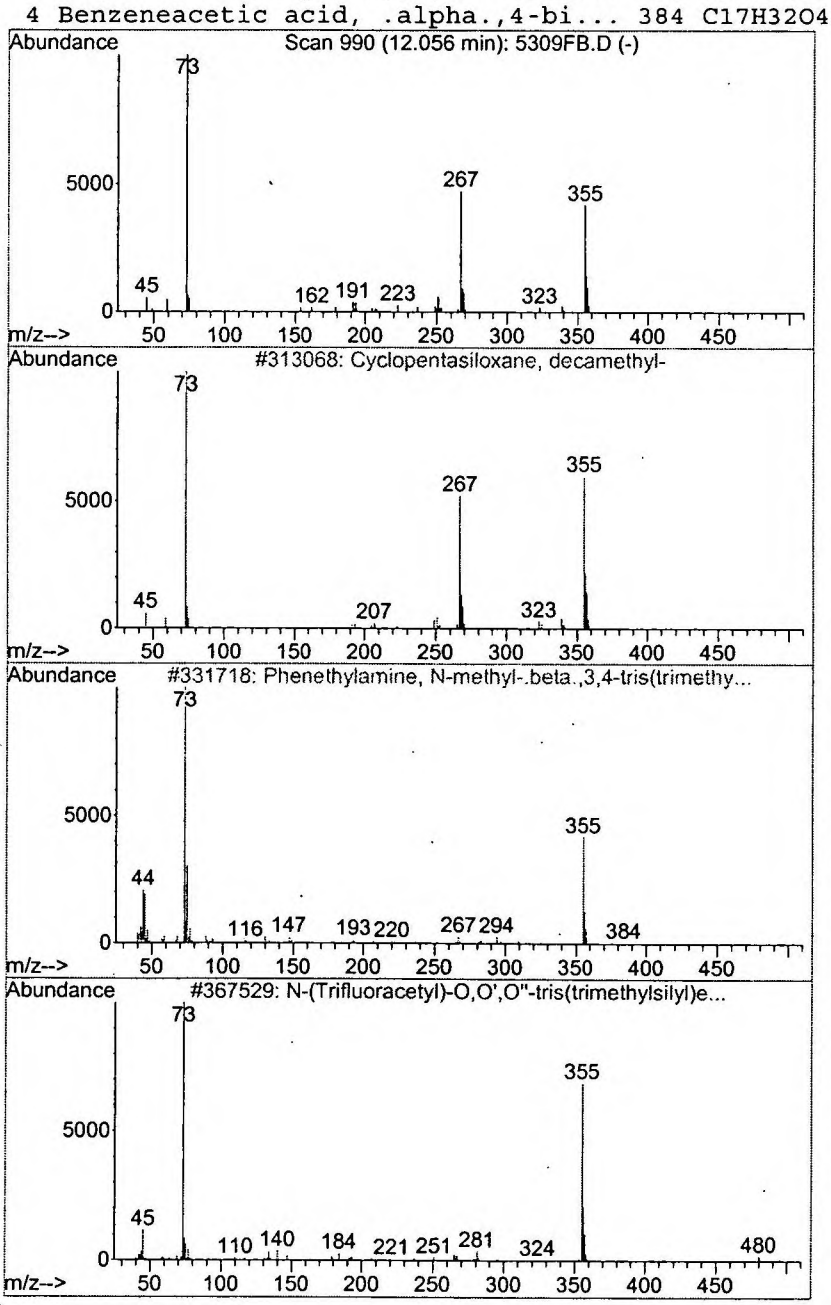
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

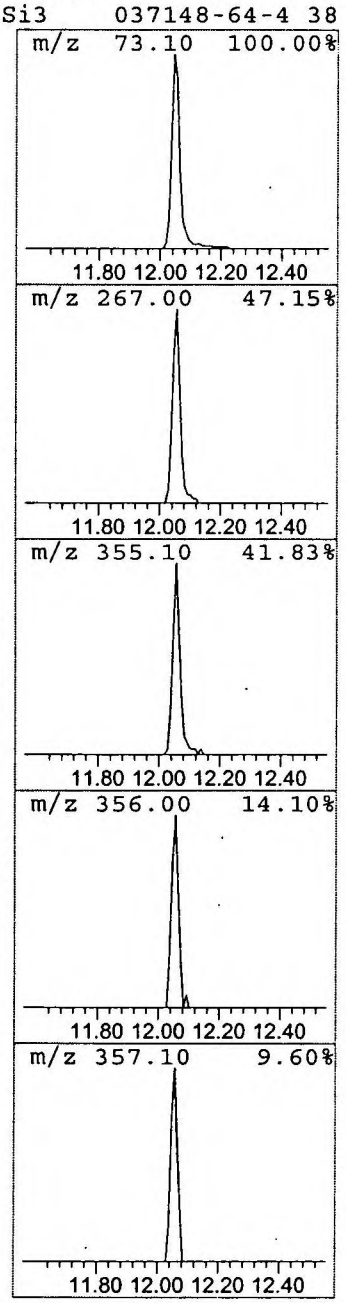
****

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.83 ug/L	300933	Naphthalene-d8	13.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	47
3	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38
4	Benzeneacetic acid, .alpha.,4-bi...	384	C17H32O4Si3	037148-64-4	38





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 5:46 pm
Data File: C:\MSDCHEM\1\DATA\031702\5309FB.D
Name: 3/11/02
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
1,3-Dioxolane (CA...	5.56	1.6	ug/L	395193	1	9.54	5059850	20.0
Cyclopentasiloxan...	12.06	0.8	ug/L	300933	2	13.03	7208640	20.0