

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 03/29/2002 Time: 14:43:15

Sample: AE05304
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 3/29/02 14:43 Ended: 3/29/02 14:43 Analyst: DLV
 Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Other unknown compounds				
2	Sum of all peaks	100.00	100.00		100.00

Comments for Sample AE05304 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 14:43:38

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\5304.D

Acq On : 17 Mar 2002 1:42 pm

Sample : 3/11/02

Misc :

MS Integration Params: BENZO.P

Quant Time: Mar 22 10:11:24 2002

Vial: 7

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

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	1524575	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4072579	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2266780	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3494332	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3146283	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1638986	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.43	235	313994	7.53	ug/L	0.00
Spiked Amount	5.000		Recovery	=	150.60%	

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	61713	0.33	ug/L 94
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) anthracene	0.00	228	0	N.D.	d
42) Bis (2-ethylhexyl) phthala	30.91	149	21896	0.18	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

5304.D 5080302.M Fri Mar 22 10:14:38 2002

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5304.D

Acq On : 17 Mar 2002 1:42 pm

Sample : 3/11/02

Misc :

MS Integration Params: BENZO.P

Quant Time: Mar 22 10:11:24 2002

Vial: 7

Operator: McLean

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Multiplr: 1.00

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

5304.D 5080302.M

Fri Mar 22 10:14:38 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\031702\5304.D

Vial: 7

Acq On : 17 Mar 2002 1:42 pm

Operator: McLean

Sample : 3/11/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Mar 22 10:14 2002

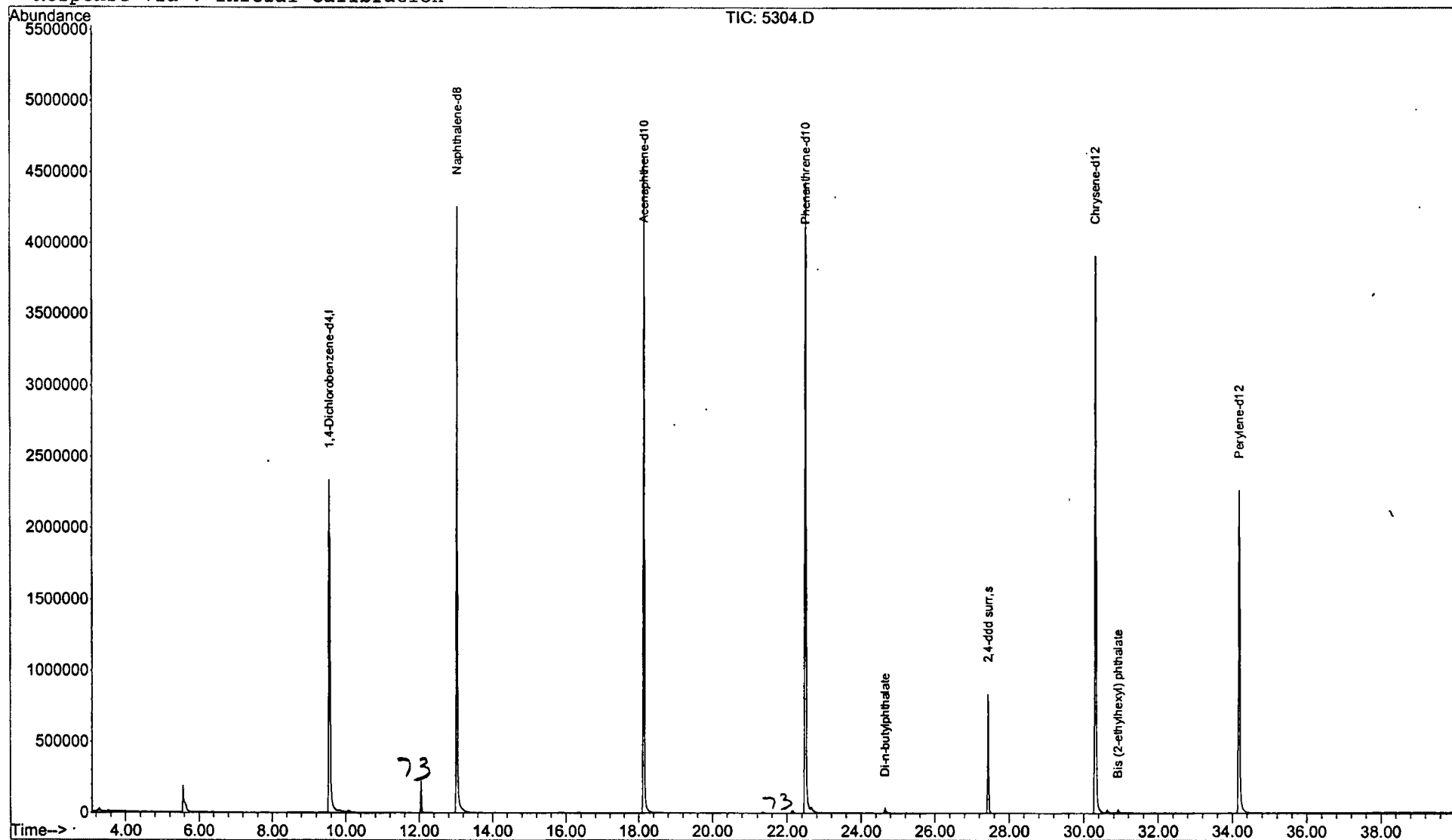
Quant Results File: 5080302.RES

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\5304.D

Acq On : 17 Mar 2002 1:42 pm

Sample : 3/11/02

Misc :

MS Integration Params: LSCINT.P

Vial: 7

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

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

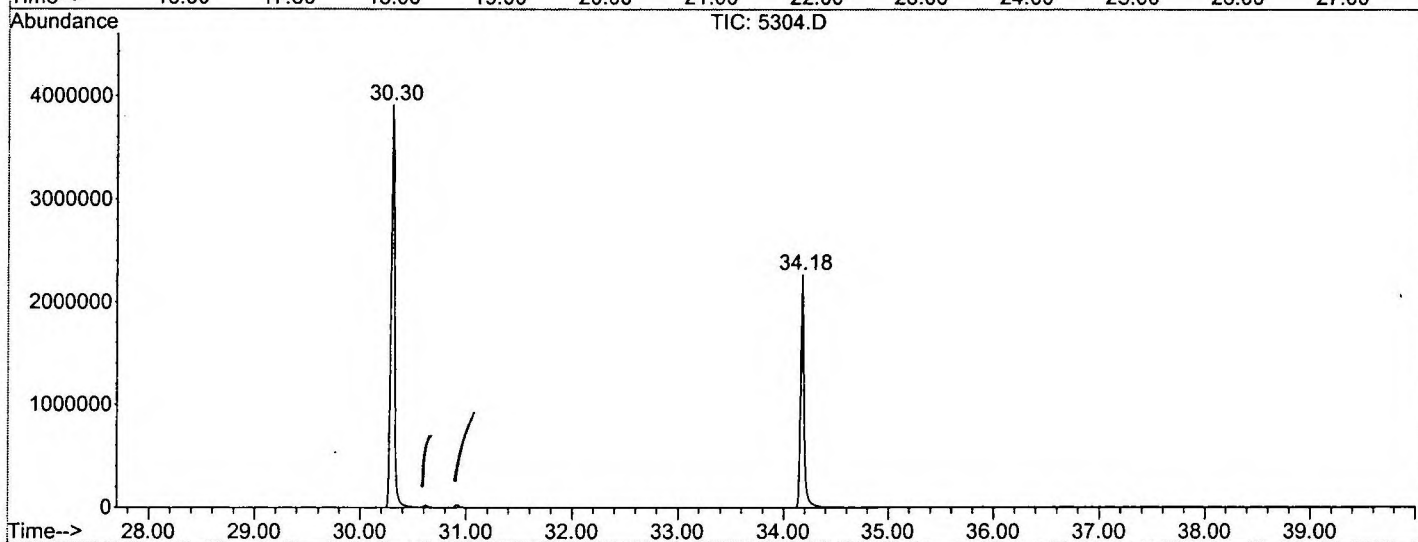
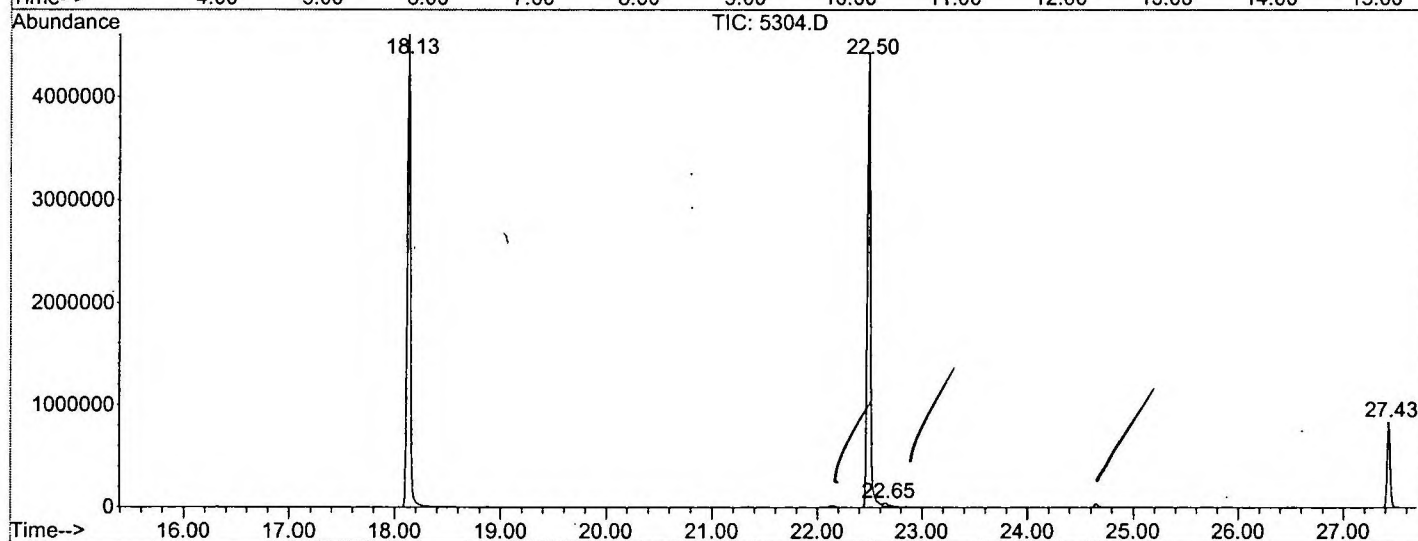
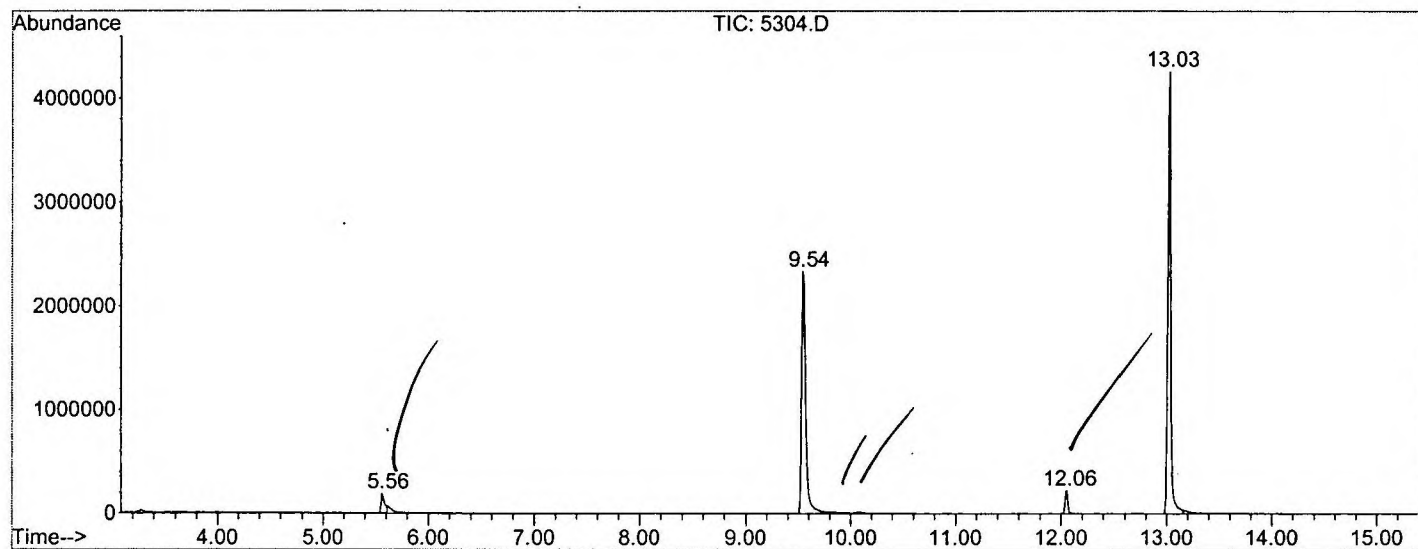
Signal : TIC

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	279	rBV	185628	410443	4.29%	0.803%
2	9.543	708	713	736	rBV	2333688	6304807	65.86%	12.329%
3	12.056	985	990	999	rBV	220745	407519	4.26%	0.797%
4	13.026	1091	1097	1111	rBV	4260762	8656201	90.43%	16.927%
5	18.133	1654	1660	1678	rBV	4606224	9436215	98.57%	18.453%
6	22.495	2134	2141	2155	rBV2	4435594	9572741	100.00%	18.720%
7	22.650	2155	2158	2169	rVB3	38363	124530	1.30%	0.244%
8	27.430	2680	2685	2693	rBV	837003	1631827	17.05%	3.191%
9	30.305	2995	3002	3024	rBV2	3912496	9177779	95.87%	17.947%
10	34.178	3422	3429	3452	rBV	2263954	5414854	56.57%	10.589%

Sum of corrected areas: 51136916

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5304.D
 Operator : McLean
 Acquired : 17 Mar 2002 1:42 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 3/11/02
 Misc Info :
 Vial Number: 7
 Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5304.D
 Acq On : 17 Mar 2002 1:42 pm
 Sample : 3/11/02
 Misc :
 MS Integration Params: LSCINT.P

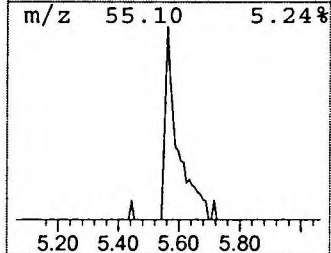
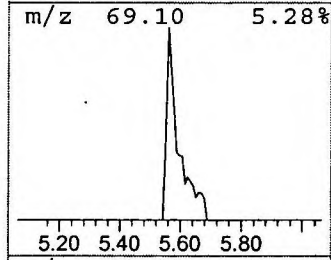
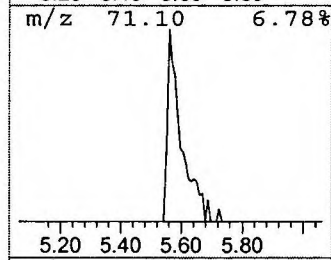
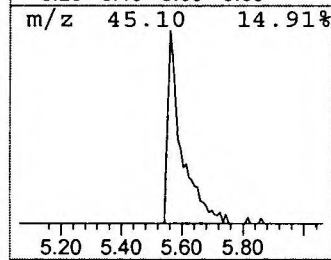
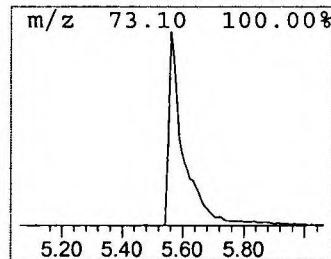
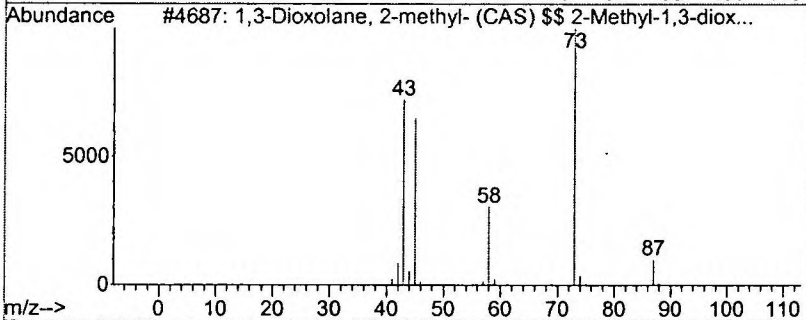
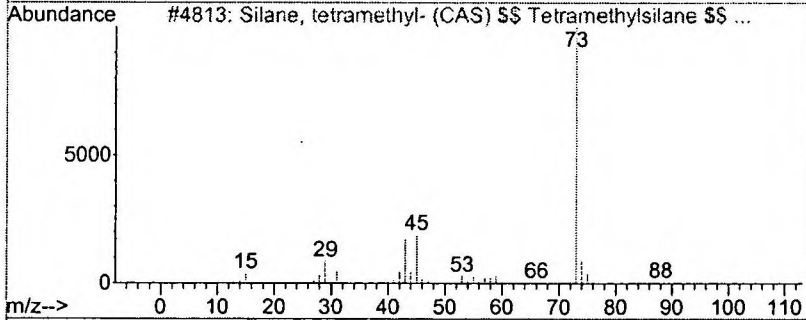
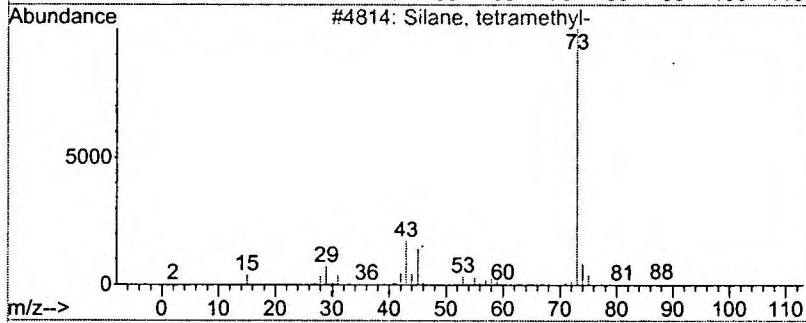
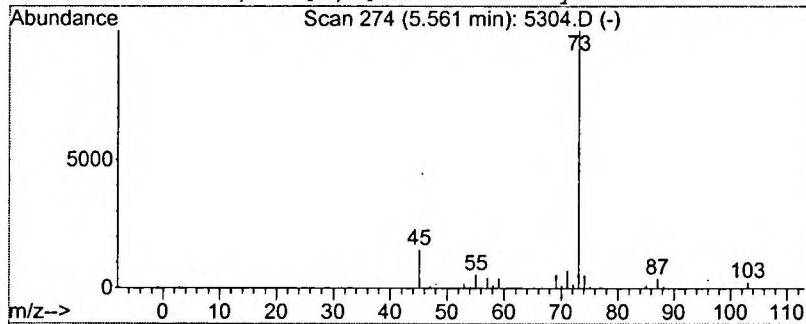
Vial: 7
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.30 ug/L	410443	1,4-Dichlorobenzene-d4	9.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2			Silane, tetramethyl- (CAS) \$\$ Te...	88	C4H12Si	000075-76-3	12
3			1,3-Dioxolane, 2-methyl- (CAS) \$...	88	C4H8O2	000497-26-7	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\5304.D
 Acq On : 17 Mar 2002 1:42 pm
 Sample : 3/11/02
 Misc :
 MS Integration Params: LSCINT.P

Vial: 7
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)

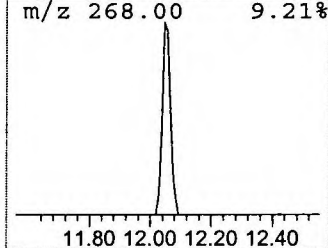
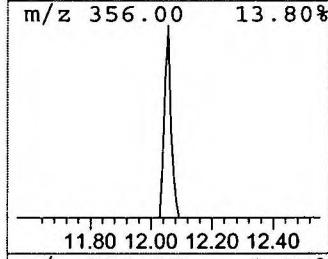
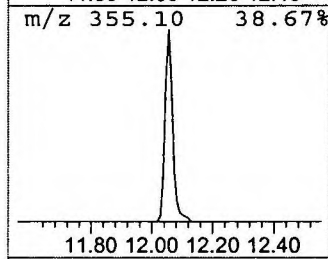
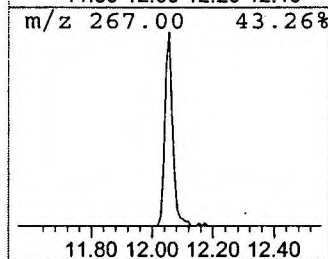
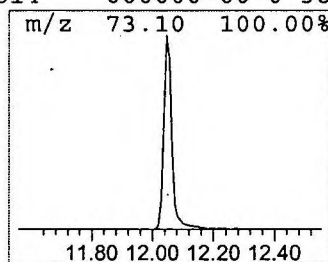
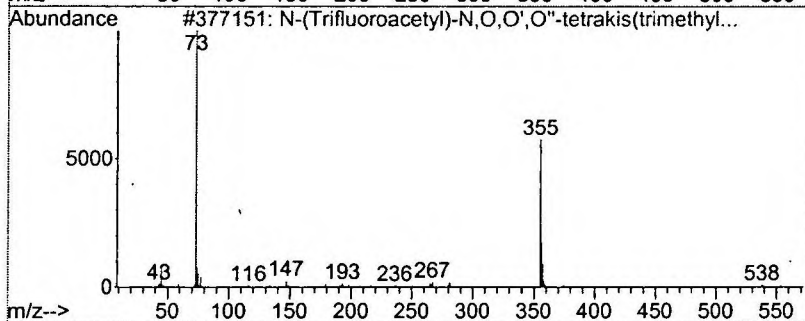
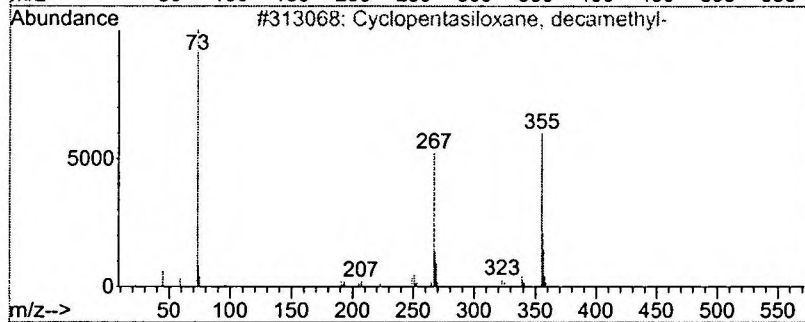
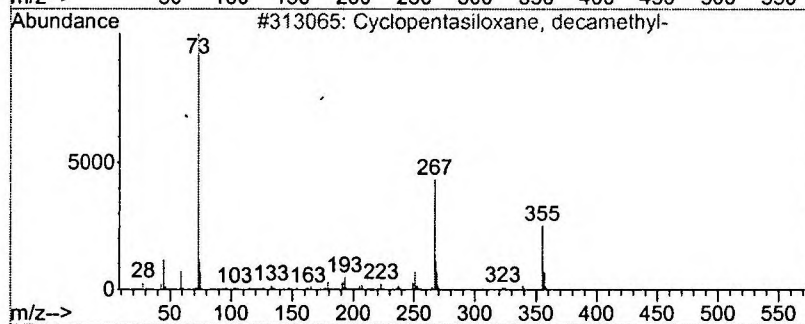
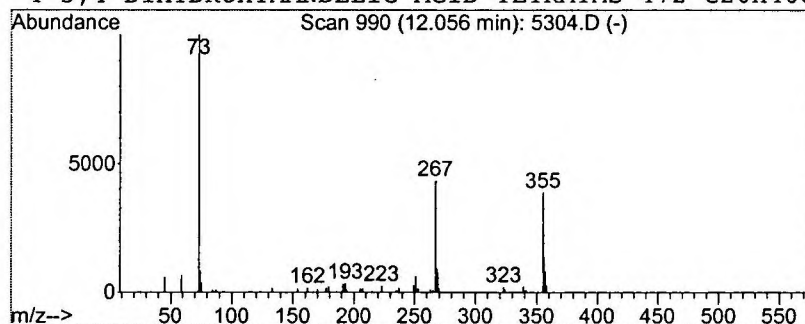
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.94 ug/L	407519	Naphthalene-d8	13.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3		N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38
4		3,4-DIHYDROXYMANDELIC ACID-TETRA...	472	C20H40O5Si4	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 1:42 pm
Data File: C:\MSDCHEM\1\DATA\031702\5304.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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Silane, tetramethyl-	5.56	1.3	ug/L	410443	1	9.54	6304810	20.0
Cyclopentasiloxan...	12.06	0.9	ug/L	407519	2	13.03	8656200	20.0