

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 15:56:39

Sample: AE05966
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 15:56 Ended: 4/5/02 15:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		5.0

Comments for Sample AE05966 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-05-2002 Time: 15:57:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032202\5966.D

Acq On : 23 Mar 2002 6:48 am

Sample : SAMPLE 5966 3/14/02

Misc :

MS Integration Params: BENZO.P

Quant Time: Apr 05 07:37:14 2002

Vial: 15

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 : Wed Mar 27 06:57:36 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1658142	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4977861	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2790087	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	4144723	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3114033	20.00	ug/L	-0.01
44) Perylene-d12	34.18	264	1551977	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD (SURR)	27.43	235	214458	4.34	ug/L	0.00
Spiked Amount	5.000		Recovery	=	86.80%	

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	12.23	82	13967	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	30993	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) anthracene	30.31	228	8483	N.D.	
42) Bis (2-ethylhexyl) phthala	30.91	149	5409	N.D.	
43) Chrysene	30.31	228	8483	N.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

5966.D 5080302.M Fri Apr 05 07:37:38 2002

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032202\5966.D

Acq On : 23 Mar 2002 6:48 am

Sample : SAMPLE 5966 3/14/02

Misc :

MS Integration Params: BENZO.P

Quant Time: Apr 05 07:37:14 2002

Vial: 15

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 : Wed Mar 27 06:57:36 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	34.18	252	6097		N.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

5966.D 5080302.M Fri Apr 05 07:37:39 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\032202\5966.D

Vial: 15

Acq On : 23 Mar 2002 6:48 am

Operator: McLean

Sample : SAMPLE 5966 3/14/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Apr 5 7:37 2002

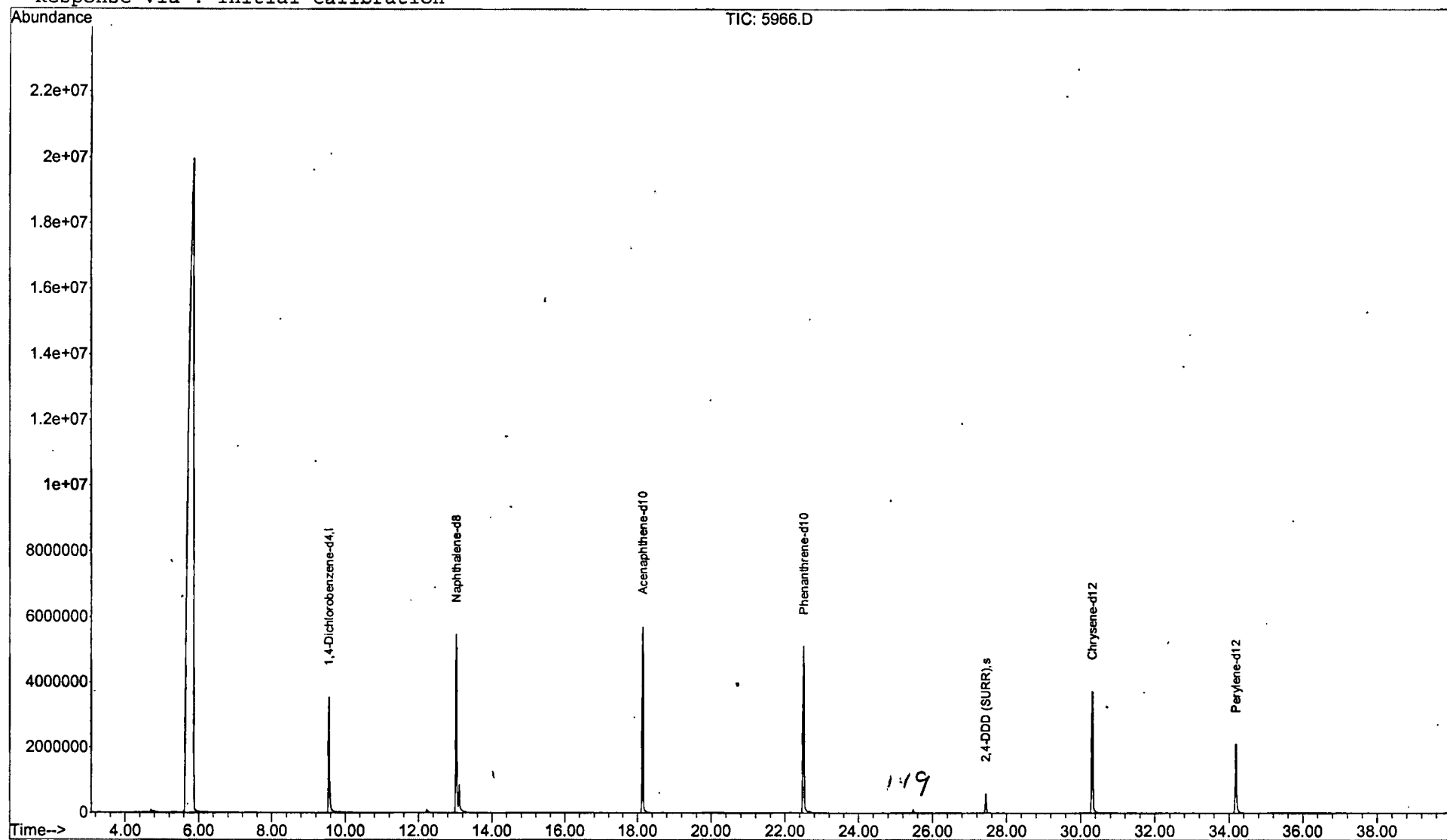
Quant Results File: 5080302.RES

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

Title : Quantitation For Method 508gcscan

Last Update : Wed Mar 27 06:57:36 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\032202\5966.D

Vial: 15

Acq On : 23 Mar 2002 6:48 am

Operator: McLean

Sample : SAMPLE 5966 3/14/02

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

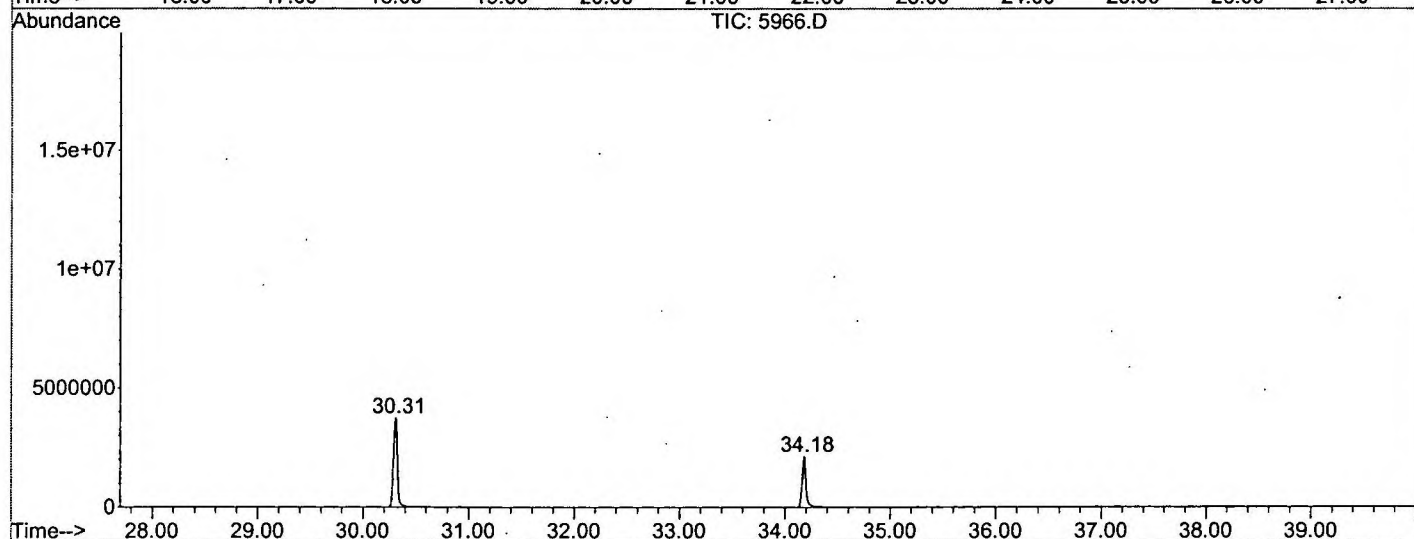
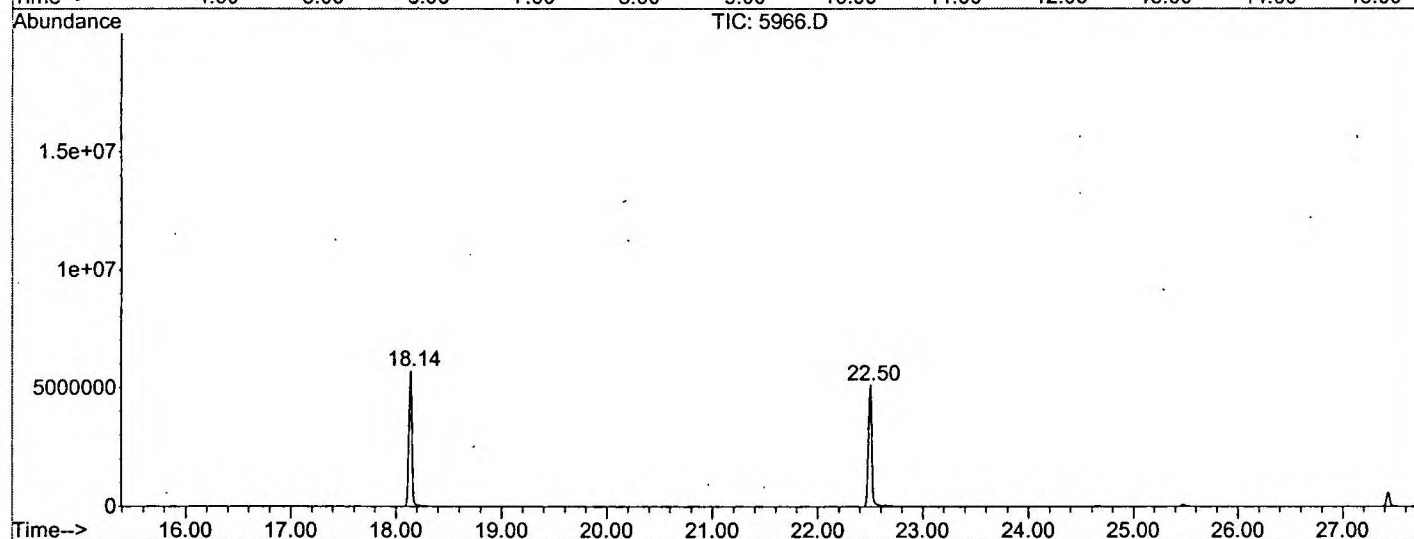
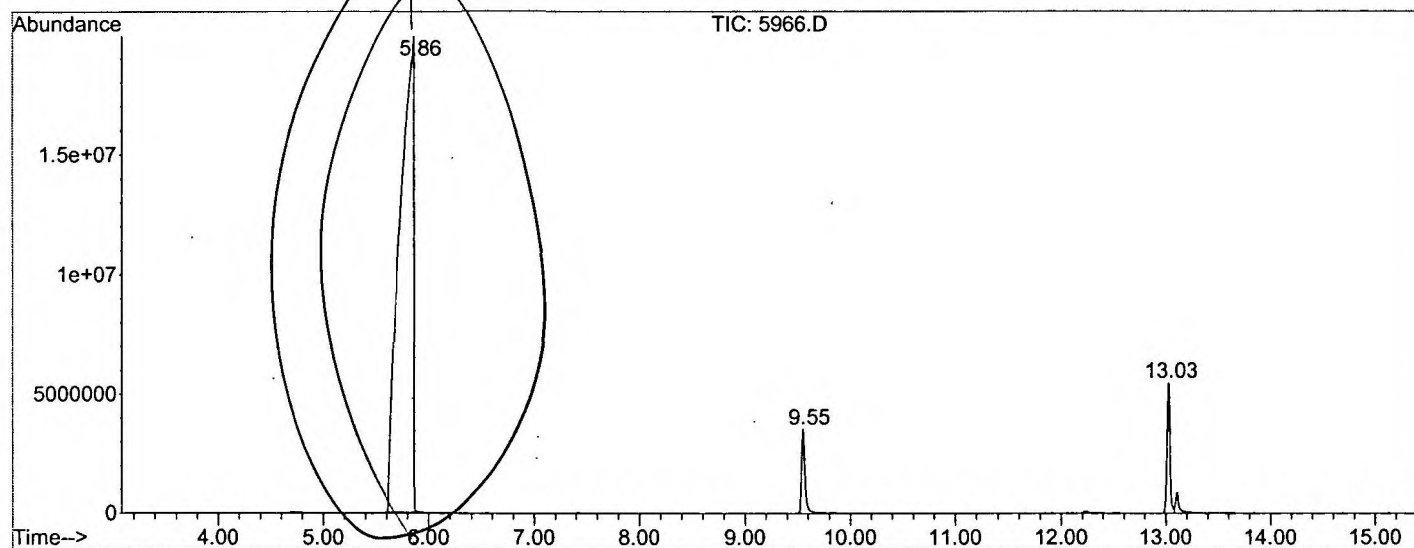
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.864	430	474	476	rBV	19907019	185573531	100.00%	76.519%
2	9.554	1095	1102	1130	rBV	3537386	7707744	4.15%	3.178%
3	13.027	1685	1693	1702	rBV	5464669	10832252	5.84%	4.467%
4	18.144	2553	2564	2590	rBV	5695997	12024440	6.48%	4.958%
5	22.504	3295	3306	3324	rBV2	5110716	11714221	6.31%	4.830%
6	30.313	4624	4635	4656	rBV3	3724842	9339433	5.03%	3.851%
7	34.185	5282	5294	5320	rBV2	2123214	5329162	2.87%	2.197%

Sum of corrected areas: 242520783

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032202\5966.D
 Operator : McLean
 Acquired : 23 Mar 2002 6:48 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: SAMPLE 5966 3/14/02
 Misc Info :
 Vial Number: 15
 Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\032202\5966.D
 Acq On : 23 Mar 2002 6:48 am
 Sample : SAMPLE 5966 3/14/02
 Misc :
 MS Integration Params: LSCINT.P

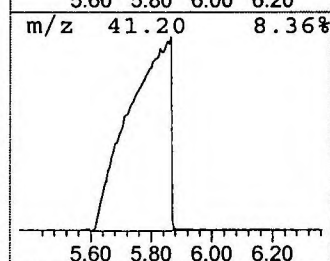
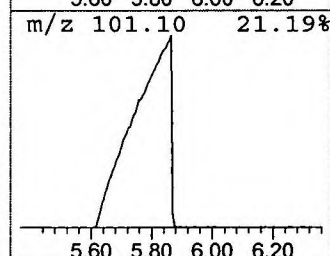
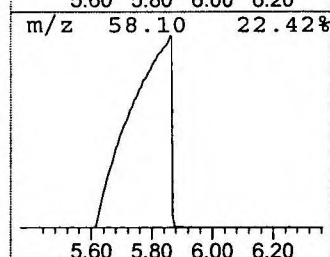
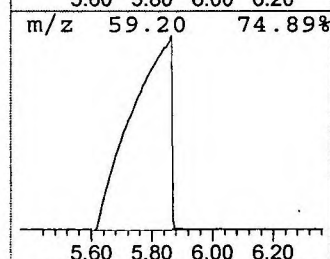
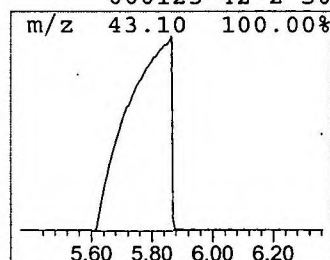
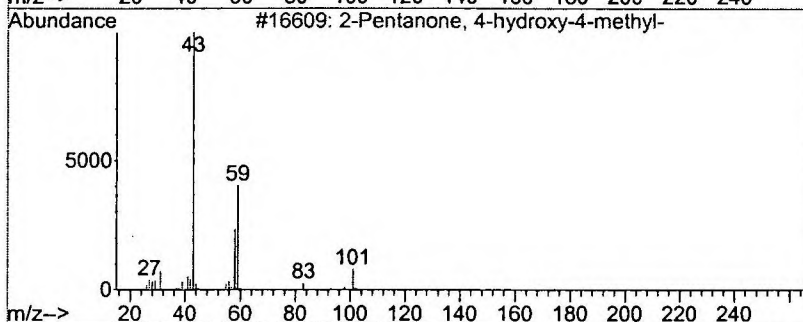
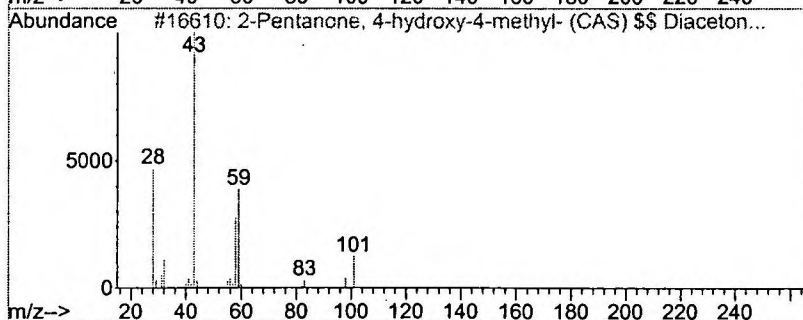
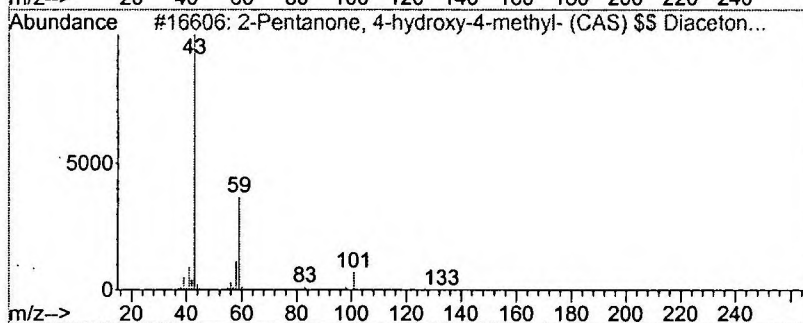
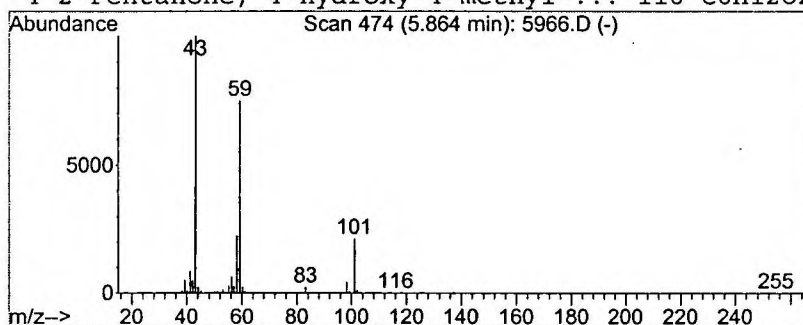
Vial: 15
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	481.52 ug/L	185574000	1,4-Dichlorobenzene-d4	9.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
2			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	50



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 23 Mar 2002 6:48 am
Data File: C:\MSDCHEM\1\DATA\032202\5966.D
Name: SAMPLE 5966 3/14/02
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
2-Pentanone, 4-hy...	5.86	481.5	ug/L	185574000	1	9.55	7707740	20.0