

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/29/2002 Time: 08:55:26

Sample: AE08937
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/29/02 08:52 Ended: 4/29/02 08:52 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE08937 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-29-2002 Time: 08:55:54

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\042202\8937.D

Acq On : 22 Apr 2002 6:32 pm

Sample : SAMPLE 8937 4/15/02, FB

Misc :

MS Integration Params: BENZO.P

Quant Time: Apr 25 14:35:32 2002

Vial: 10

Operator: Bohlk

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Wed Apr 24 11:07:03 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	371437	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1791862	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1010526	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1382196	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1044145	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	594228	40.00	ug/L	0.00

System Monitoring Compounds

28) TCMX (SURR)	19.95	244	28940	7.18	ug/L	0.00
Spiked Amount	10.000		Recovery	=	71.80%	
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount	10.000		Recovery	=	0.00%	

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.
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.
33) Hexachlorobenzene	0.00	284	0	N.D.
34) Phenanthrene	0.00	178	0	N.D.
35) Anthracene	0.00	178	0	N.D.
36) Di-n-butylphthalate	0.00	149	0	N.D.
37) Fluoranthene	0.00	202	0	N.D.
40) Pyrene	0.00	202	0	N.D.
41) Butylbenzylphthalate	0.00	149	0	N.D.
42) Benzo (a) anthracene	0.00	228	0	N.D.
43) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D. d
44) Chrysene	0.00	228	0	N.D.

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

8937.D 5080402BBC.M Thu Apr 25 14:36:29 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\8937.D

Acq On : 22 Apr 2002 6:32 pm

Sample : SAMPLE 8937 4/15/02, FB

Misc :

MS Integration Params: BENZO.P

Quant Time: Apr 25 14:35:32 2002

Vial: 10

Operator: Bohlk

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Wed Apr 24 11:07:03 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.		
47) Benzo (b) fluoranthene	0.00	252	0	N.D.		
48) Benzo (k) fluoranthene	0.00	252	0	N.D.		
49) Benzo (a) pyrene	0.00	252	0	N.D.		
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.		
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.		

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

8937.D 5080402BBC.M Thu Apr 25 14:36:30 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\042202\8937.D

Acq On : 22 Apr 2002 6:32 pm

Sample : SAMPLE 8937 4/15/02, FB

Misc :

MS Integration Params: BENZO.P

Quant Time: Apr 25 14:36 2002

Vial: 10

Operator: Bohlk

Inst : Instrumen

Multiplr: 1.00

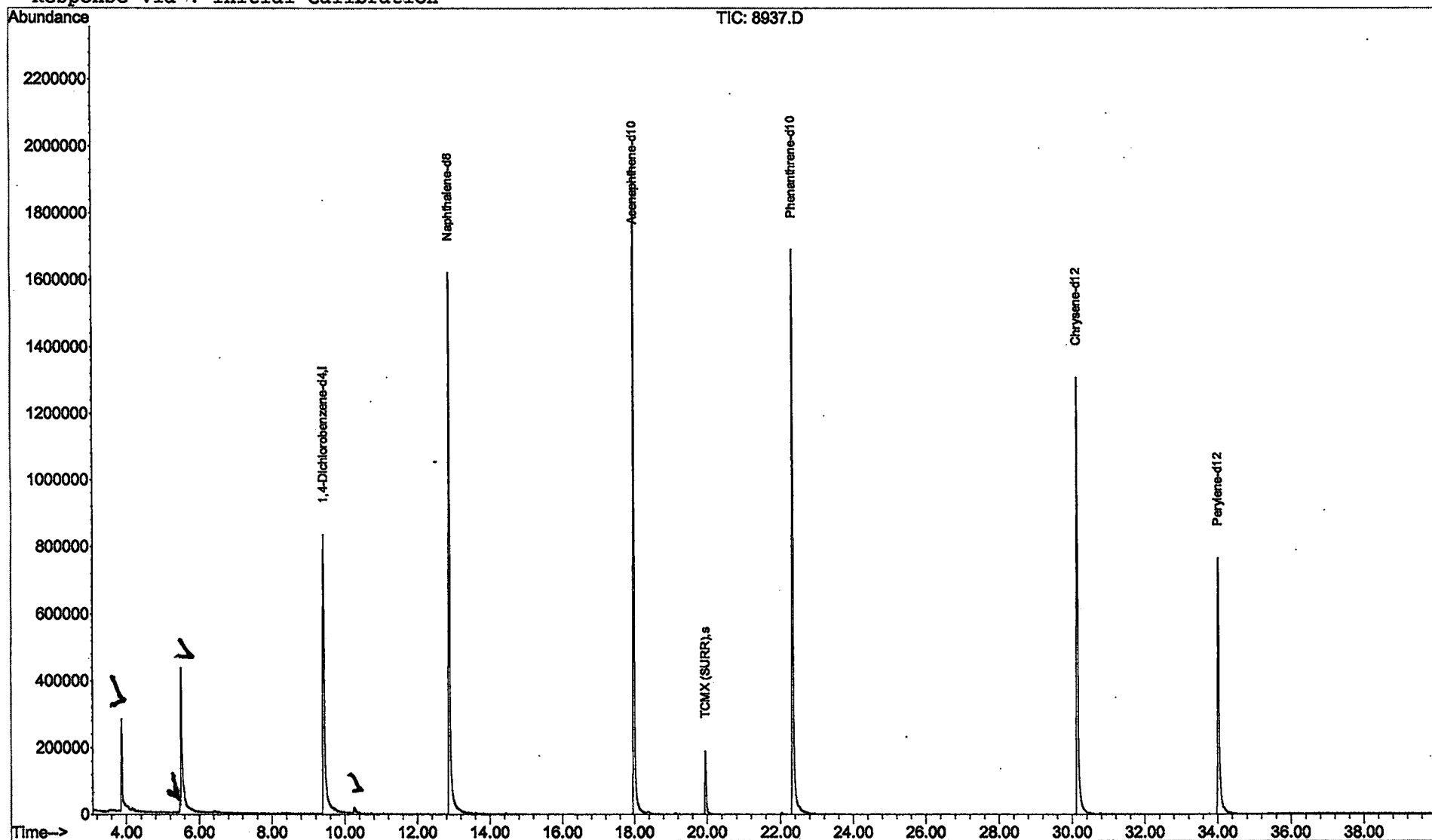
Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Wed Apr 24 11:07:03 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\042202\8937.D
Acq On : 22 Apr 2002 6:32 pm
Sample : SAMPLE 8937 4/15/02, FB
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Bohlk
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\5973N\5080402BBC.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

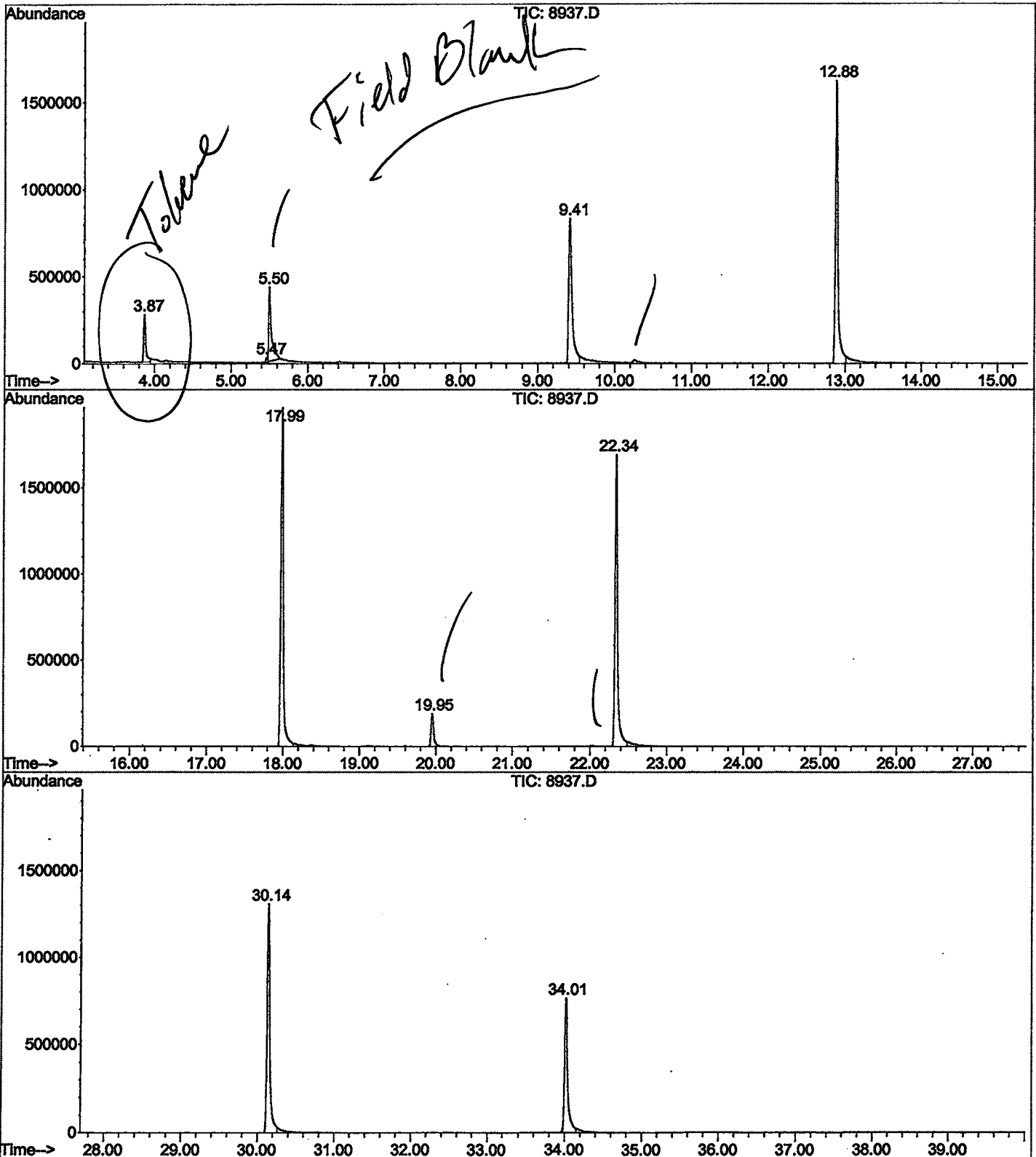
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.872	130	135	148	rBV	271802	526808	12.41%	2.416%
2	5.471	402	407	409	rBV	27688	44004	1.04%	0.202%
3	5.500	409	412	437	rVB	423378	1021633	24.07%	4.686%
4	9.413	1072	1078	1100	rBV	832138	2464383	58.07%	11.303%
5	12.880	1662	1668	1690	rBV	1621906	3732423	87.95%	17.119%
6	17.986	2529	2537	2563	rBV	1963526	4243892	100.00%	19.465%
7	19.948	2864	2871	2885	rBV3	189068	441536	10.40%	2.025%
8	22.339	3270	3278	3302	rBV2	1691199	3954960	93.19%	18.139%
9	30.142	4598	4606	4626	rBV2	1307626	3212012	75.69%	14.732%
10	34.014	5256	5265	5288	rBV	765398	2161545	50.93%	9.914%

Sum of corrected areas: 21803196

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\042202\8937.D
 Operator : Bohlk
 Acquired : 22 Apr 2002 6:32 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: SAMPLE 8937 4/15/02, FB
 Misc Info :
 Vial Number: 10
 Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8937.D

Acq On : 22 Apr 2002 6:32 pm

Sample : SAMPLE 8937 4/15/02, FB

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: Bohlk

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)

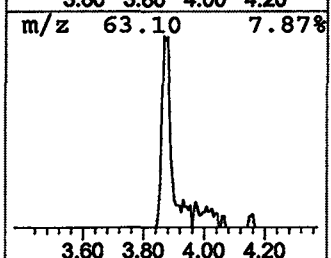
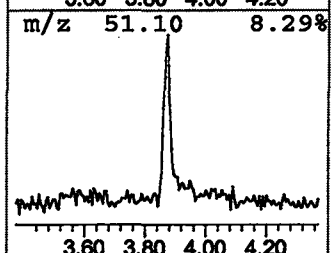
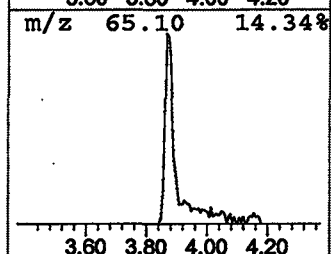
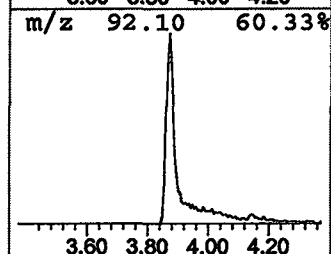
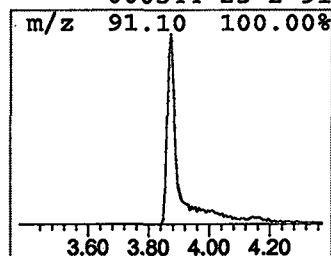
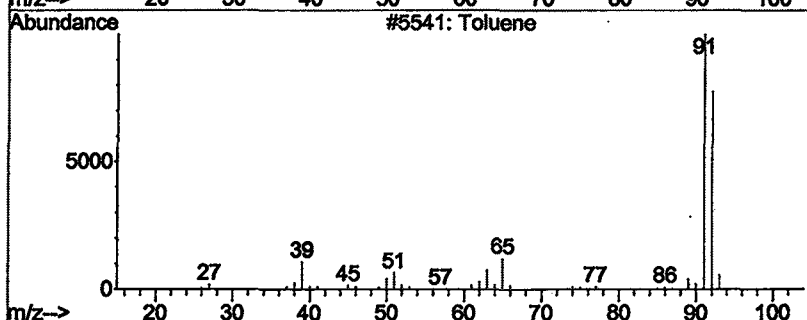
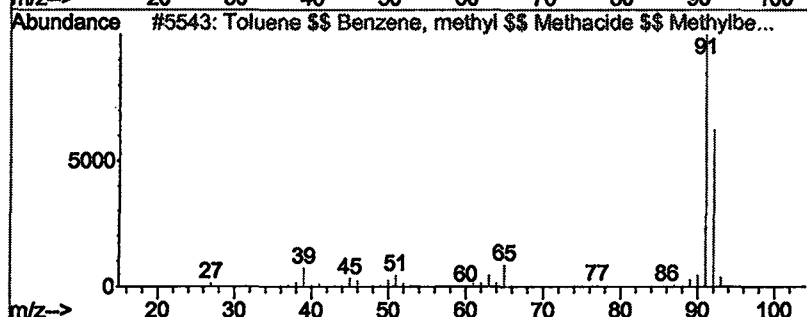
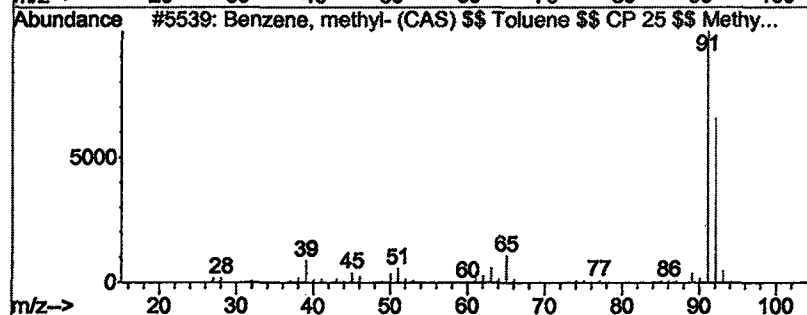
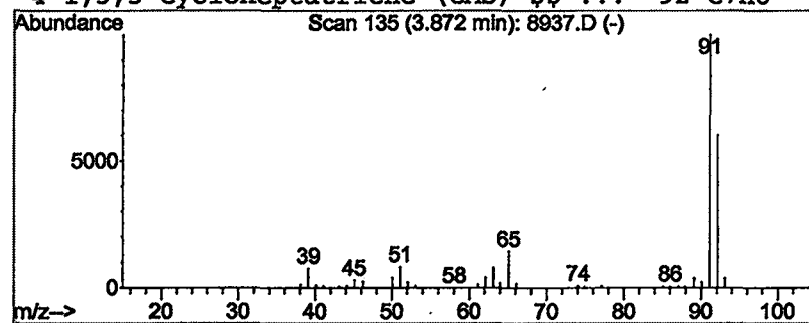
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Benzene, methyl- (CAS) \$\$ T... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	8.55 ug/L	526808	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, methyl- (CAS) \$\$ Toluen...	92	C7H8	000108-88-3	94
2	Toluene \$\$ Benzene, methyl \$\$ Me...	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	1,3,5-Cycloheptatriene (CAS) \$\$...	92	C7H8	000544-25-2	91



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8937.D

Acq On : 22 Apr 2002 6:32 pm

Sample : SAMPLE 8937 4/15/02, FB

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: Bohlk

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)

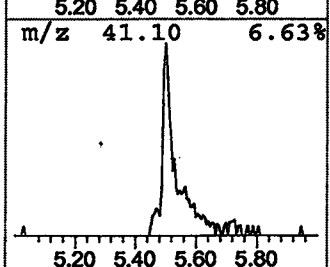
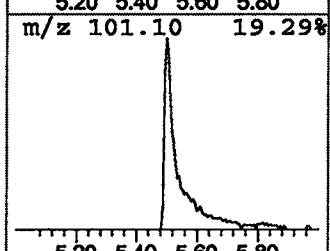
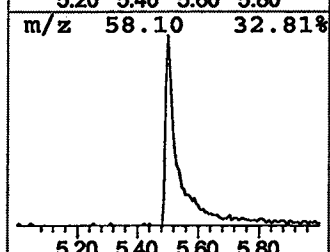
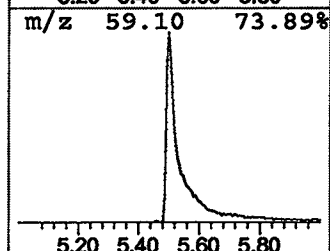
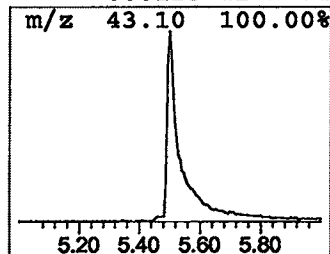
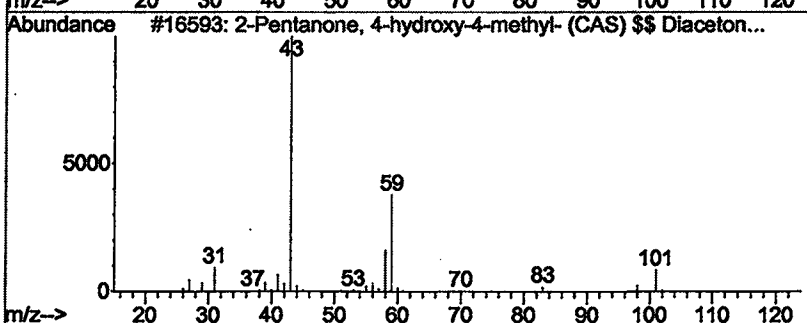
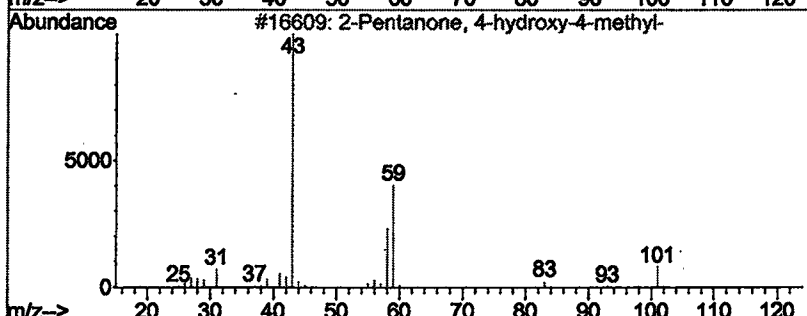
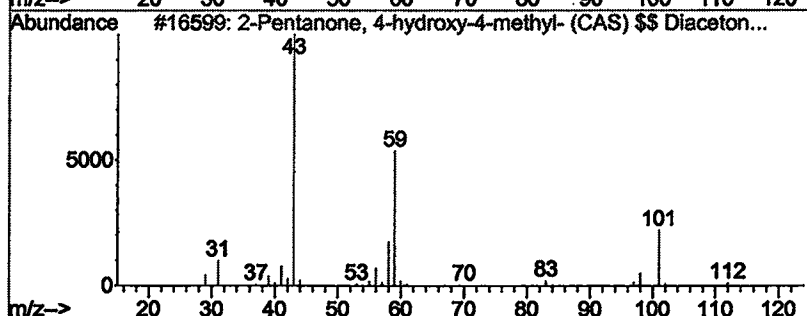
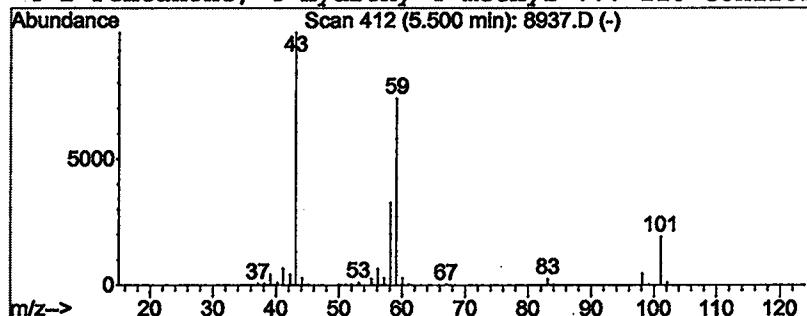
Title : Quantitation For Method 508gcscan

Library : C:\DATABASE\WILEY7N.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	16.58 ug/L	1021630	1,4-Dichlorobenzene-d4	9.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
4			2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74



Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 22 Apr 2002 6:32 pm
 Data File: C:\MSDCHEM\1\DATA\042202\8937.D
 Name: SAMPLE 8937 4/15/02, FB
 Misc:
 Method: C:\MSDCHEM\1\5973N\5080402BBC.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
Benzene, methyl- ...	3.87	8.6	ug/L	526808	1	9.41	2464380	40.0
2-Pentanone, 4-hy...	5.50	16.6	ug/L	1021630	1	9.41	2464380	40.0

Library Searched : C:\database\wiley7n.1

Quality : 94

ID : Benzene, methyl- (CAS) \$\$ Toluene \$\$ CP 25 \$\$ Methylbenzene \$\$ Toluol
 \$\$ Methacide \$\$ Antisal 1a \$\$ Methylbenzol \$\$ Phenylmethane \$\$ METHYLB
 ENZENE(TOLUENE) \$\$ Benzene, methyl \$\$ Methane, phenyl- \$\$ NCI-C07272 \$
 \$ Tolueen \$\$ Toluen \$\$ Toluolo \$\$ Rcra waste

