User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 09:22:03

Sample: AE08956
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 09:21 Ended: 4/29/02 09:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE08956 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 09:22:37

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\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:15:22 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:52:24 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	477299	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	2147651	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1193928	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1659603	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1265193	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	736819	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	37697	7.91	ug/L	0.00
Spiked Amount 10.000			Recovery = 79.10%			
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) antracene	0.00	228	0	N.D.		
43) Bis (2-ethylhexyl) phthala	30.78	149	2829	0.09	ug/L	71
44) Chrysene	0.00	228	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:15:22 2002 Quant Results File: 5080402BBC.RES

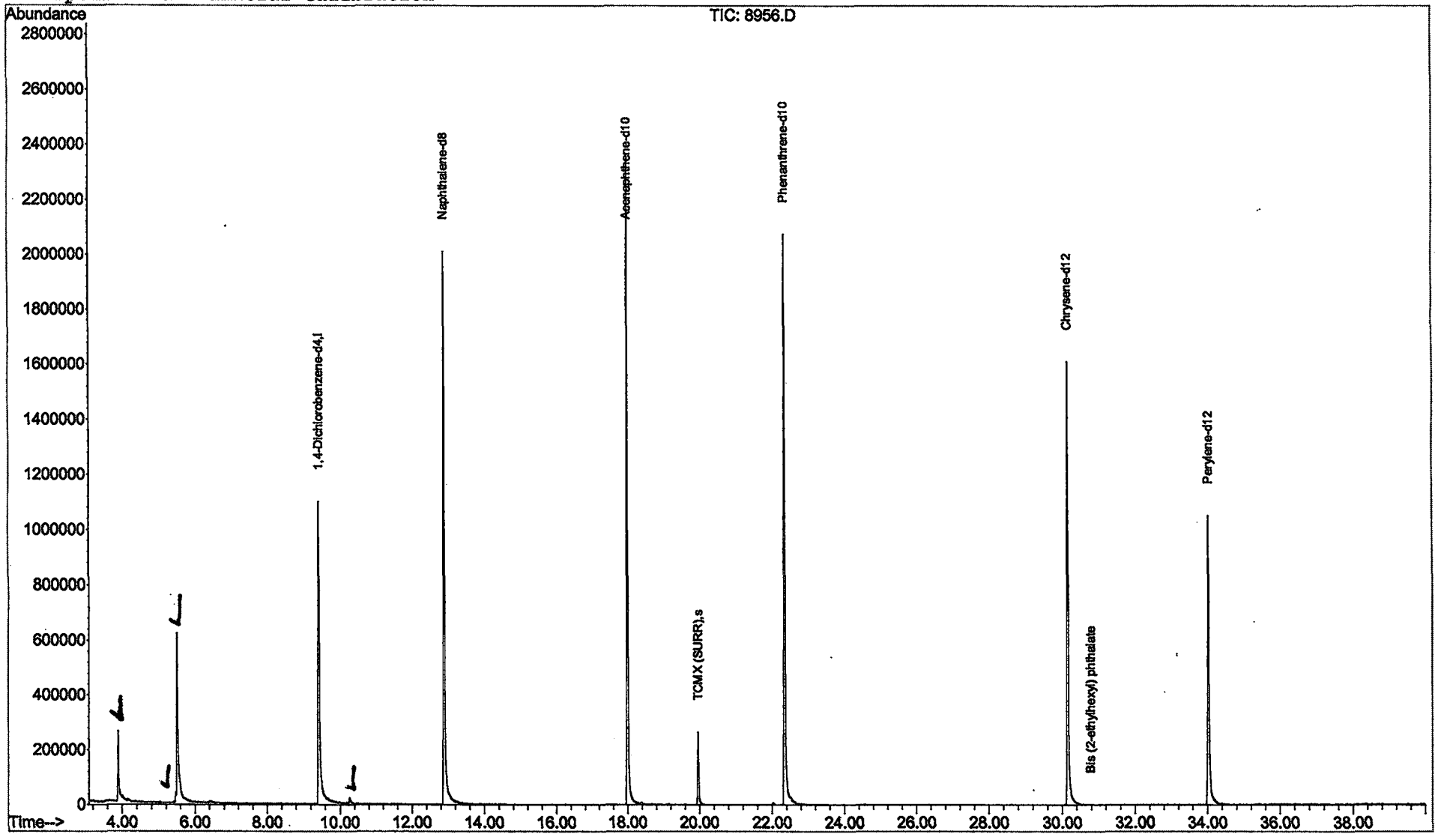
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:52:24 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
8956.D 5080402BBC.M Fri Apr 26 12:16:15 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:15 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 26 09:52:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

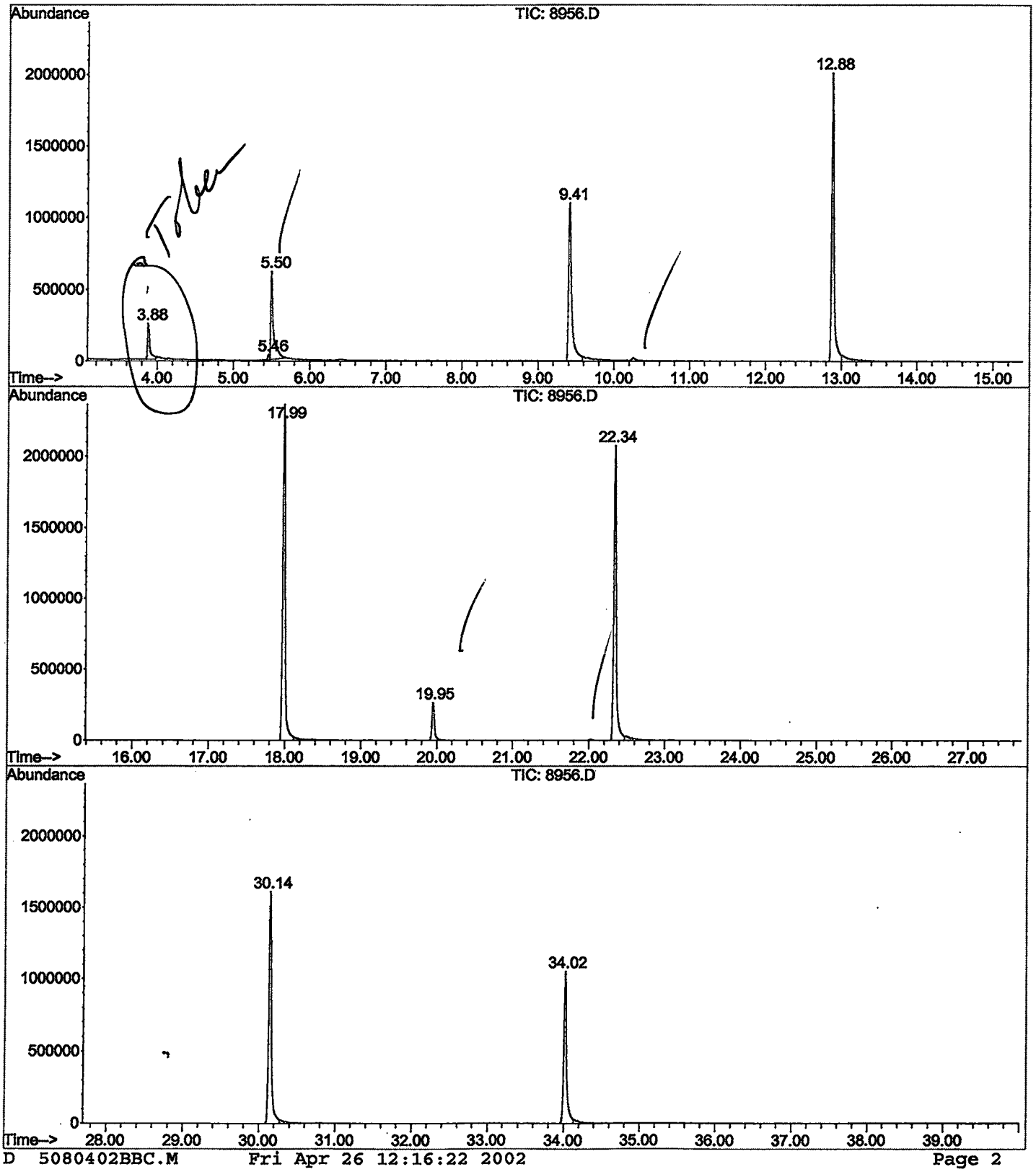
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.884	132	137	154	rBV	255399	544186	10.69%	2.018%
2	5.465	402	406	409	rBV	37738	66635	1.31%	0.247%
3	5.500	409	412	443	rVB	612240	1459077	28.67%	5.410%
4	9.413	1071	1078	1107	rBV	1099326	3169628	62.28%	11.752%
5	12.880	1661	1668	1689	rBV	2012090	4538954	89.18%	16.829%
6	17.985	2529	2537	2560	rBV	2364840	5089495	100.00%	18.870%
7	19.948	2865	2871	2885	rBV2	265206	578015	11.36%	2.143%
8	22.339	3270	3278	3300	rBV2	2075521	4772632	93.77%	17.696%
9	30.142	4597	4606	4628	rBV2	1609518	4017915	78.95%	14.897%
10	34.020	5256	5266	5285	rBV2	1050737	2734133	53.72%	10.137%

Sum of corrected areas: 26970670

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\042202\8956.D
Operator : Bohlk
Acquired : 23 Apr 2002 1:06 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 8956 4/15/02, FB
Misc Info :
Vial Number: 18
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

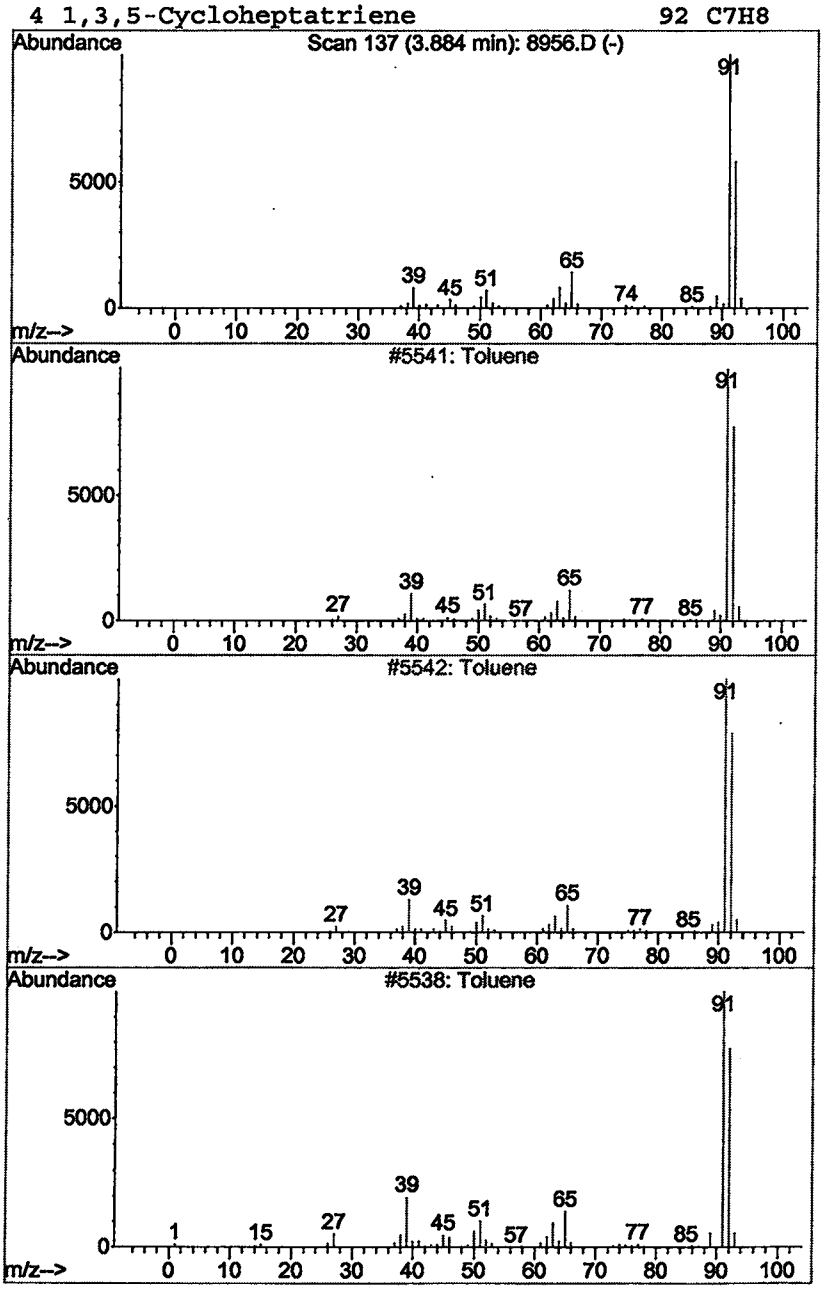
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

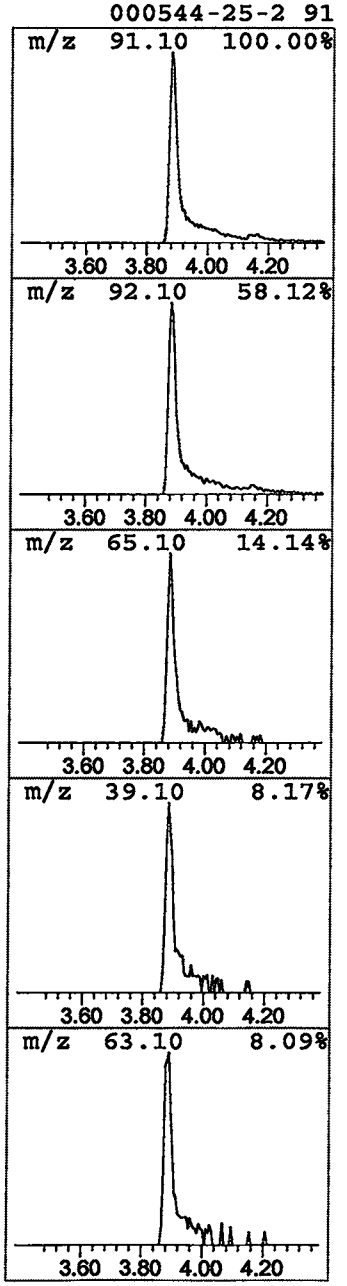
****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	6.87 ug/L	544186	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

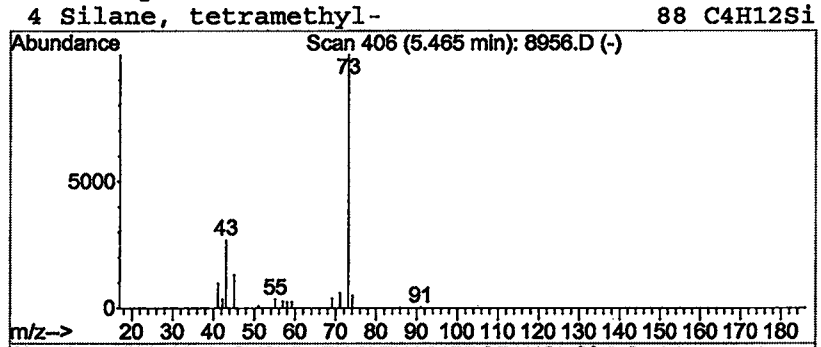
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

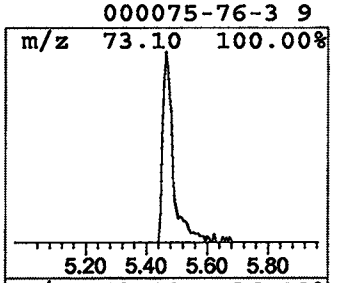
****

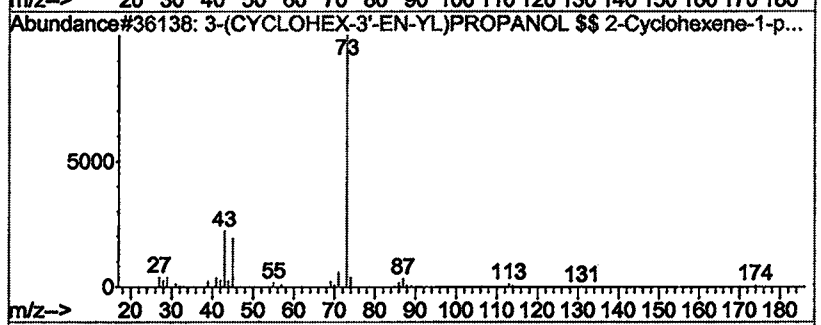
Peak Number 2 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 3

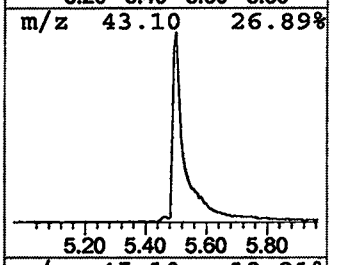
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	0.84 ug/L	66635	1,4-Dichlorobenzene-d4	9.41

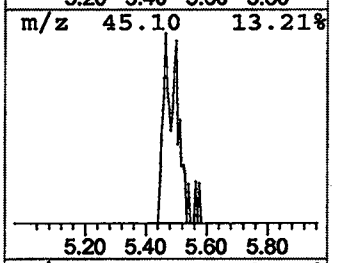
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9

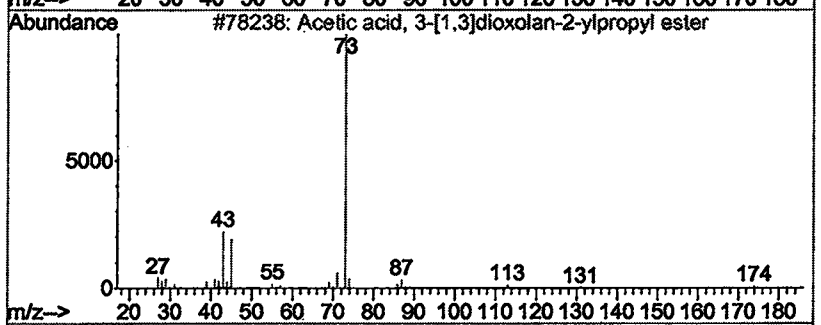


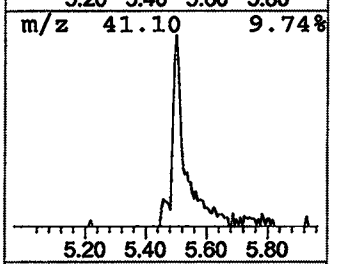


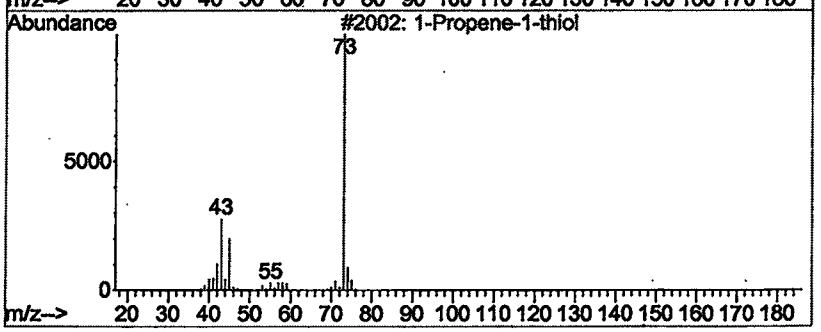


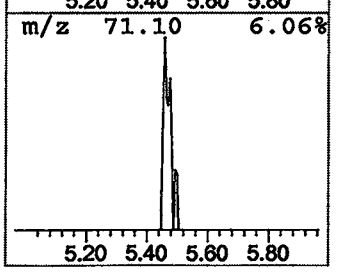












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8956.D Vial: 18
Acq On : 23 Apr 2002 1:06 am Operator: Bohlk
Sample : SAMPLE 8956 4/15/02, FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

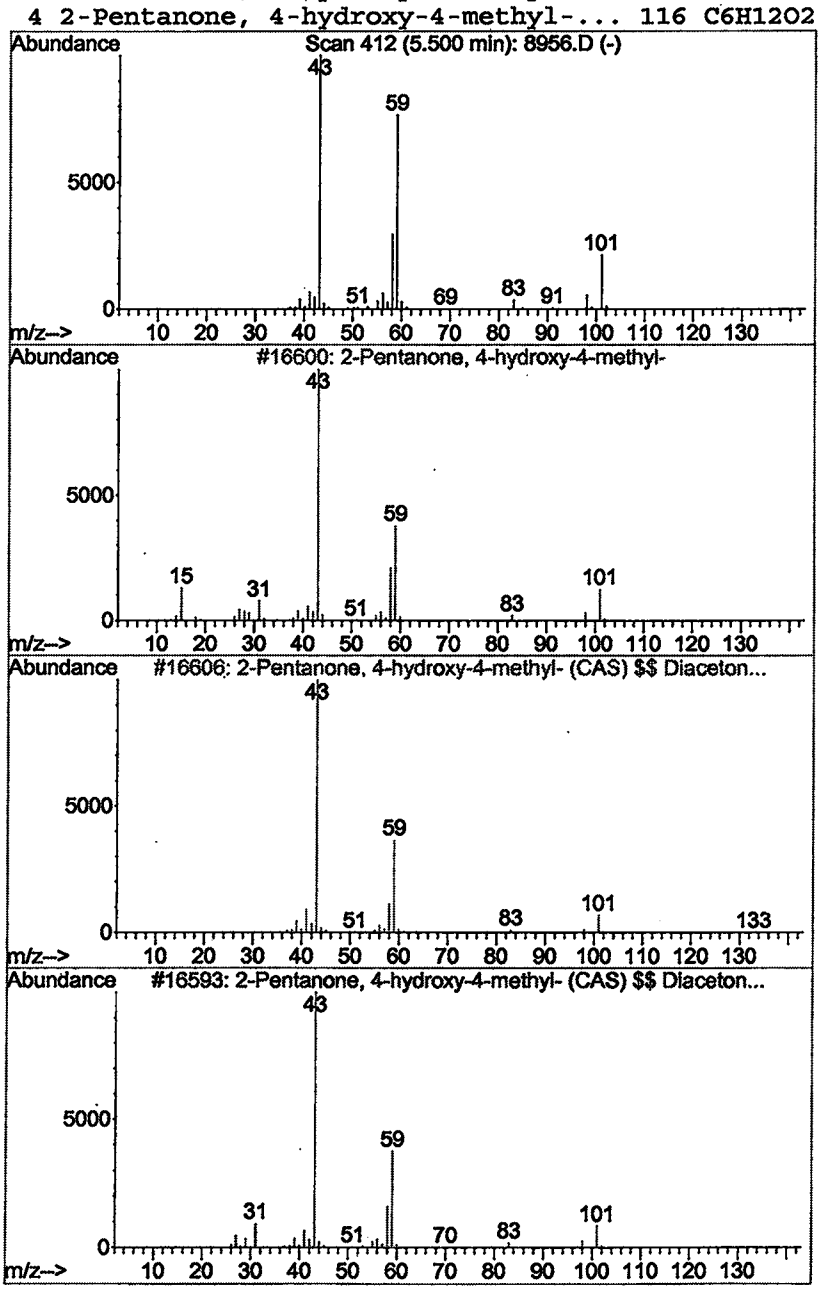
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

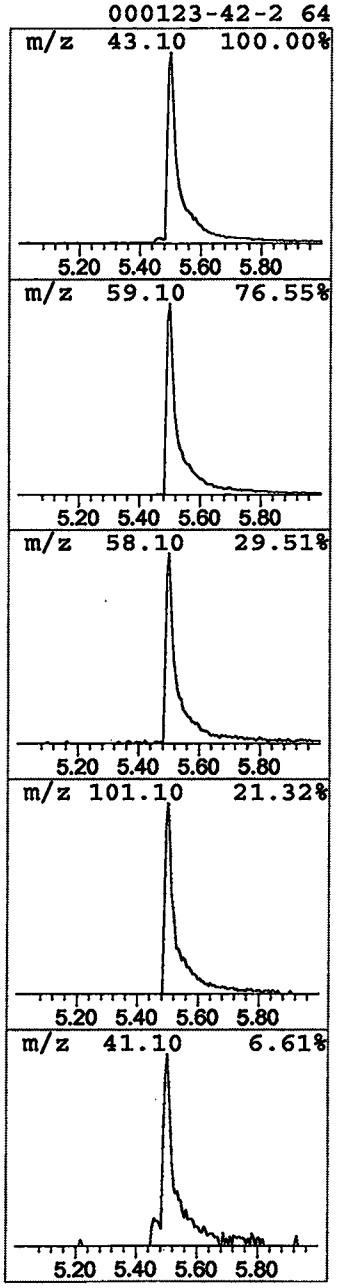
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	18.41 ug/L	1459080	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	83
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 23 Apr 2002 1:06 am
Data File: C:\MSDCHEM\1\DATA\042202\8956.D
Name: SAMPLE 8956 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.88	6.9	ug/L	544186	1	9.41	3169630	40.0
3-(CYCLOHEX-3'-EN...	5.46	0.8	ug/L	66635	1	9.41	3169630	40.0
2-Pentanone, 4-hy...	5.50	18.4	ug/L	1459080	1	9.41	3169630	40.0