User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 09:12:18

Sample: AE08954
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 09:11 Ended: 4/29/02 09:11 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE08954 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 09:12:43

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\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:01:56 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	470029	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2090385	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1221870	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1685743	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1314244	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	795190	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	36010	7.39	ug/L	0.00
Spiked Amount 10.000			Recovery = 73.90%			
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.	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.	d	
43) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
44) Chrysene	0.00	228	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:01:56 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

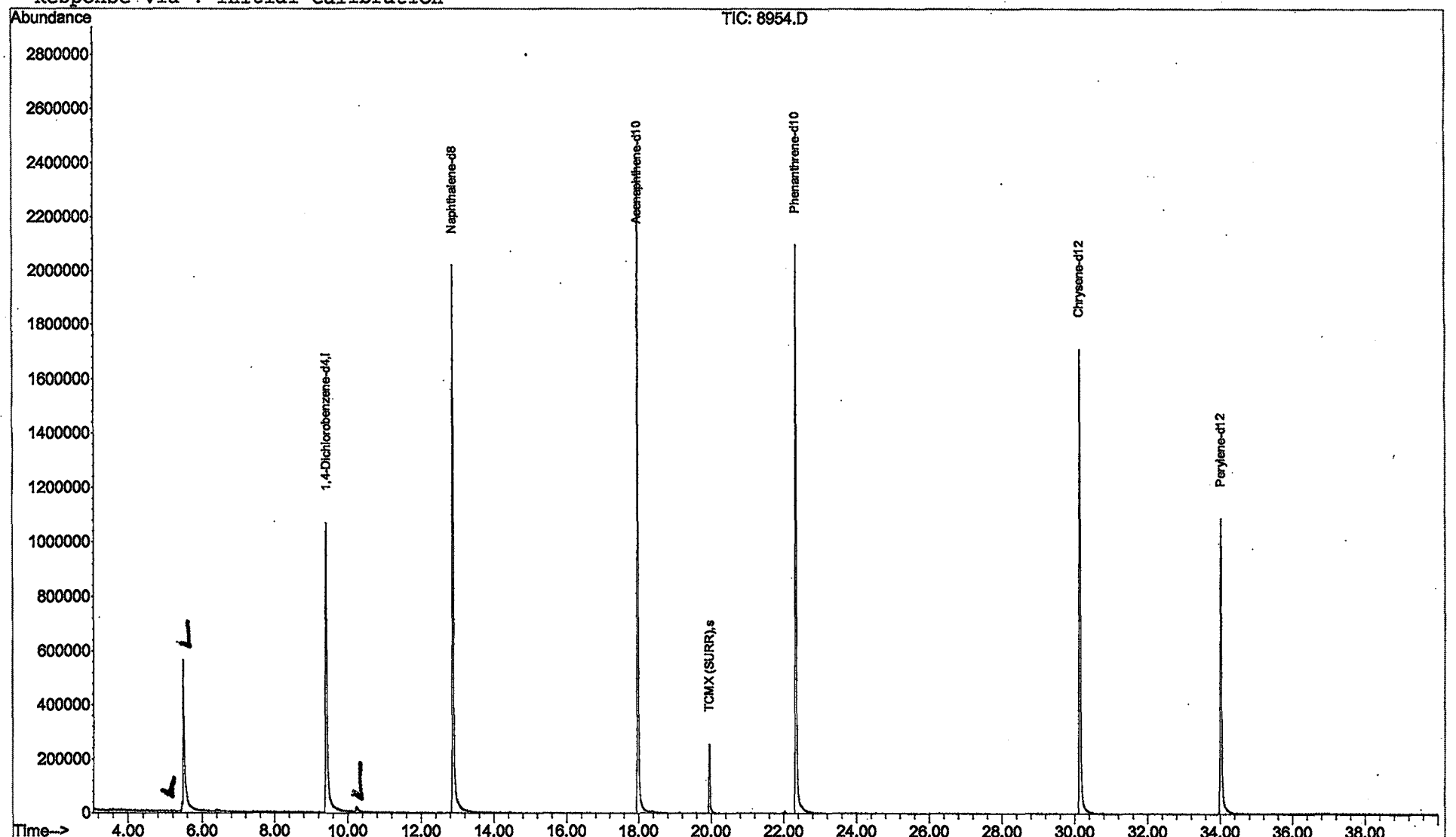
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.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

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\042202\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 26 12:03 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\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 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

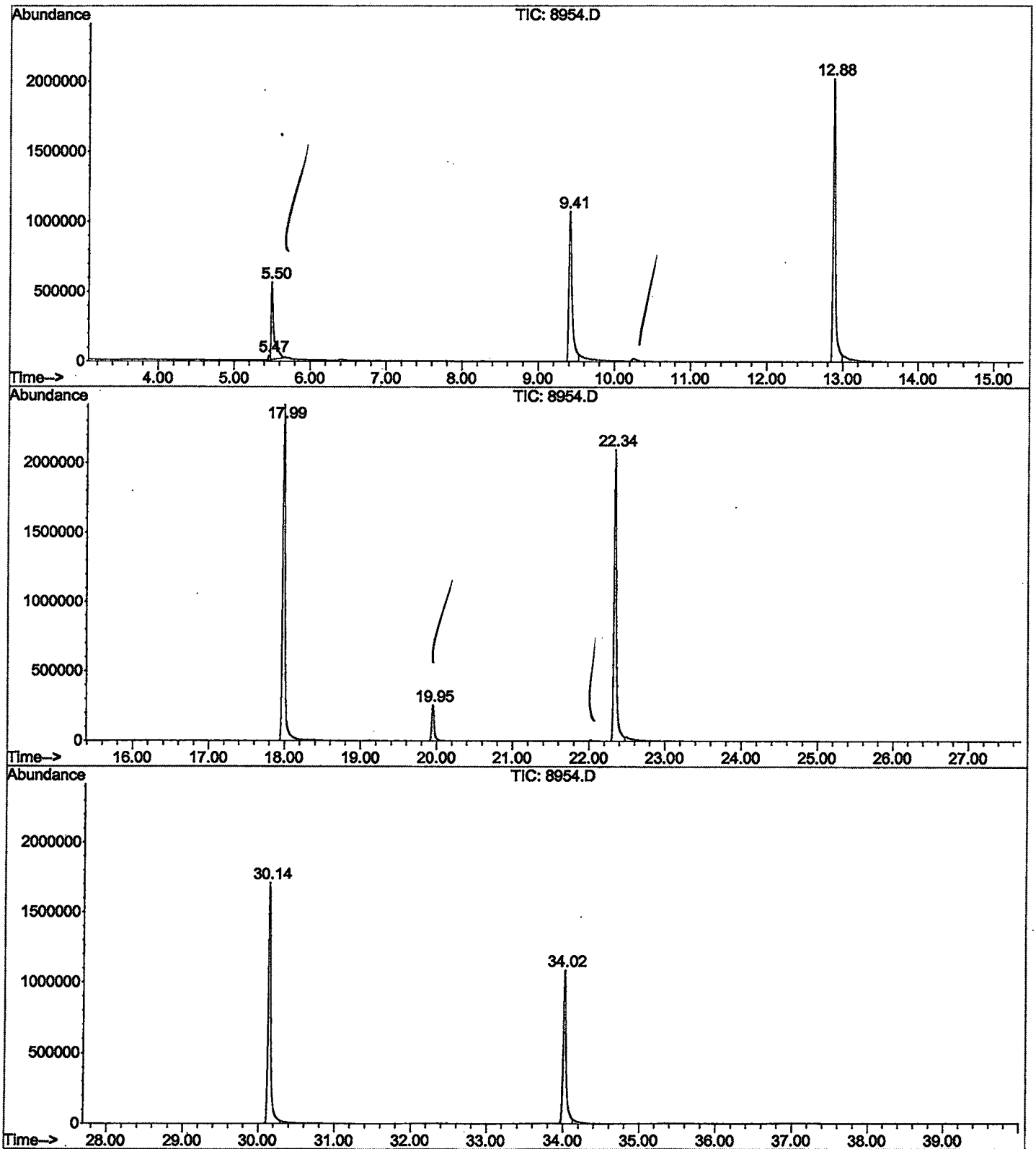
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.470	401	407	409	rBV	36099	65755	1.26%	0.245%
2	5.500	409	412	441	rVB	553342	1341461	25.74%	4.998%
3	9.413	1071	1078	1098	rBV	1068027	3077699	59.05%	11.467%
4	12.880	1661	1668	1687	rBV	2019917	4542764	87.16%	16.926%
5	17.985	2529	2537	2567	rBV	2417328	5211991	100.00%	19.419%
6	19.948	2864	2871	2894	rBV3	257232	584157	11.21%	2.176%
7	22.339	3270	3278	3301	rBV2	2097830	4896387	93.94%	18.243%
8	30.142	4597	4606	4632	rBV2	1711091	4209142	80.76%	15.683%
9	34.020	5256	5266	5284	rBV2	1086523	2910011	55.83%	10.842%

Sum of corrected areas: 26839367

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\042202\8954.D
Operator : Bohlk
Acquired : 22 Apr 2002 11:27 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 8954 4/15/02
Misc Info :
Vial Number: 16
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

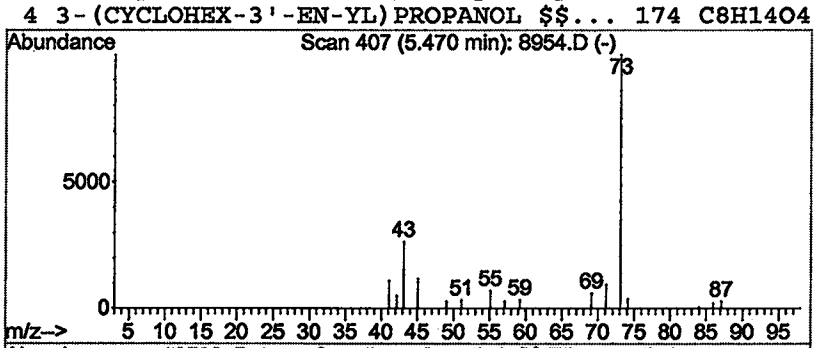
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

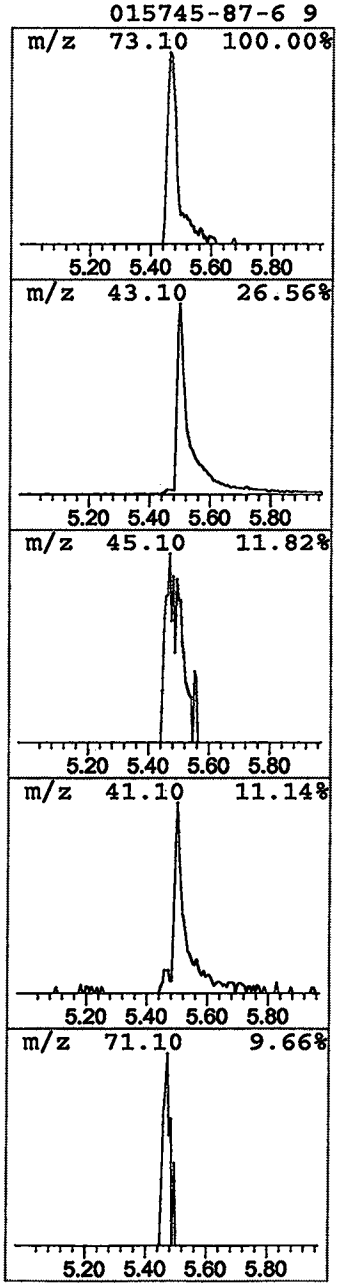
****

Peak Number 1 Butane, 2-methoxy-2-methyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	0.85 ug/L	65755	1,4-Dichlorobenzene-d4	9.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	38
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8954.D Vial: 16
Acq On : 22 Apr 2002 11:27 pm Operator: Bohlk
Sample : SAMPLE 8954 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

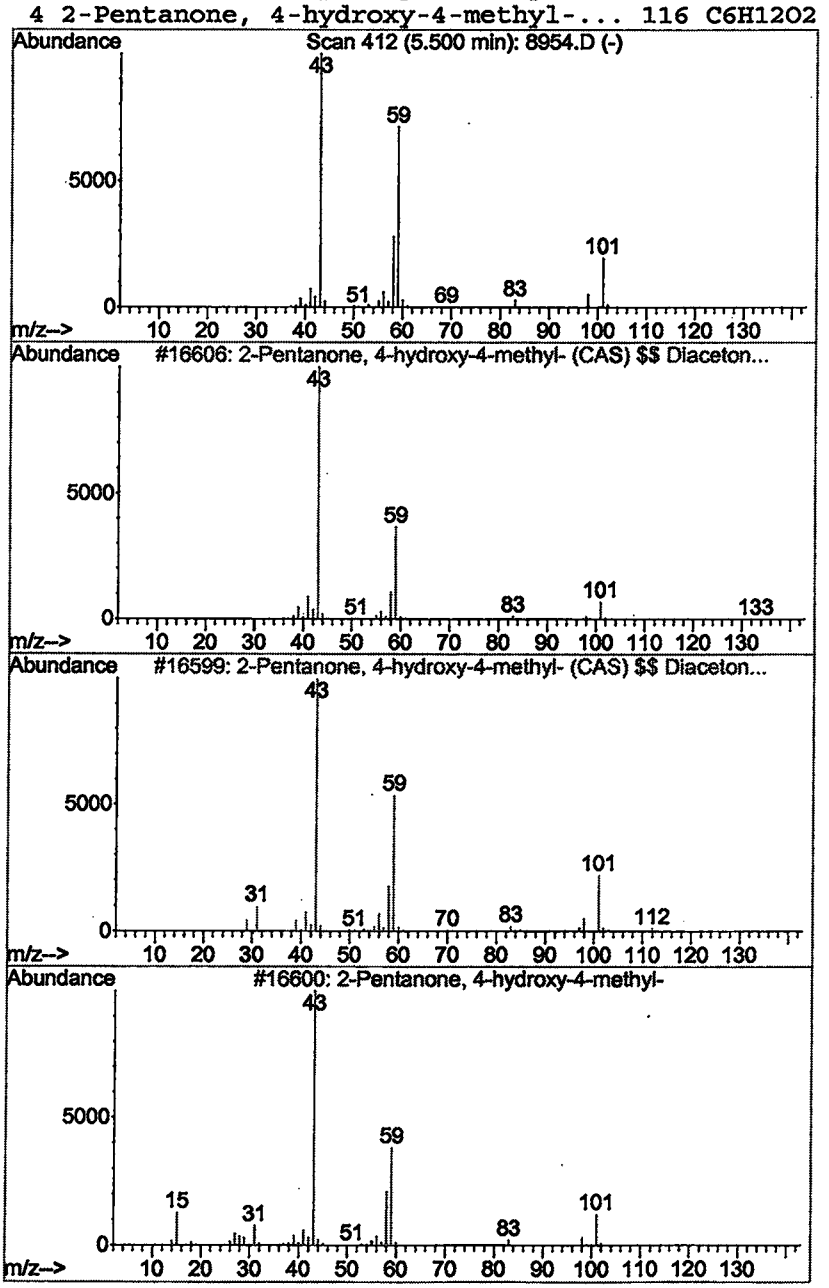
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

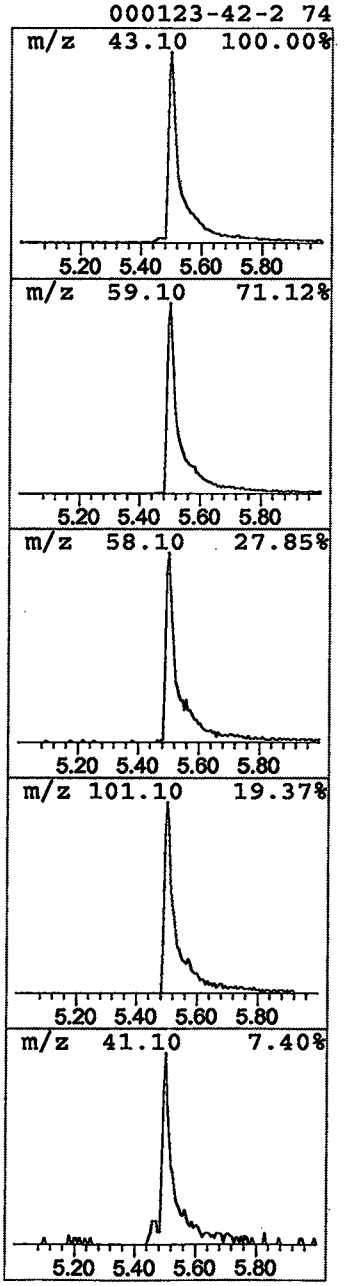
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	17.43 ug/L	1341460	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	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
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 11:27 pm
Data File: C:\MSDCHEM\1\DATA\042202\8954.D
Name: SAMPLE 8954 4/15/02
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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butane, 2-methoxy...	5.47	0.9	ug/L	65755	1	9.41	3077700	40.0
2-Pentanone, 4-hy...	5.50	17.4	ug/L	1341460	1	9.41	3077700	40.0