User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 08:57:48

Sample: AE08949
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 08:57 Ended: 4/29/02 08:57 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 AE08949 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 08:58:14

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\8949.D Vial: 11
Acq On : 22 Apr 2002 7:21 pm Operator: Bohlk
Sample : SAMPLE 8949 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:39:20 2002 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	424148	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1928936	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1073486	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1501595	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1144724	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	644894	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	30666	7.16	ug/L	0.00
Spiked Amount 10.000			Recovery = 71.60%			
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.		
43) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
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\8949.D Vial: 11
Acq On : 22 Apr 2002 7:21 pm Operator: Bohlk
Sample : SAMPLE 8949 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:39:20 2002 Quant Results File: 5080402BBC.RES

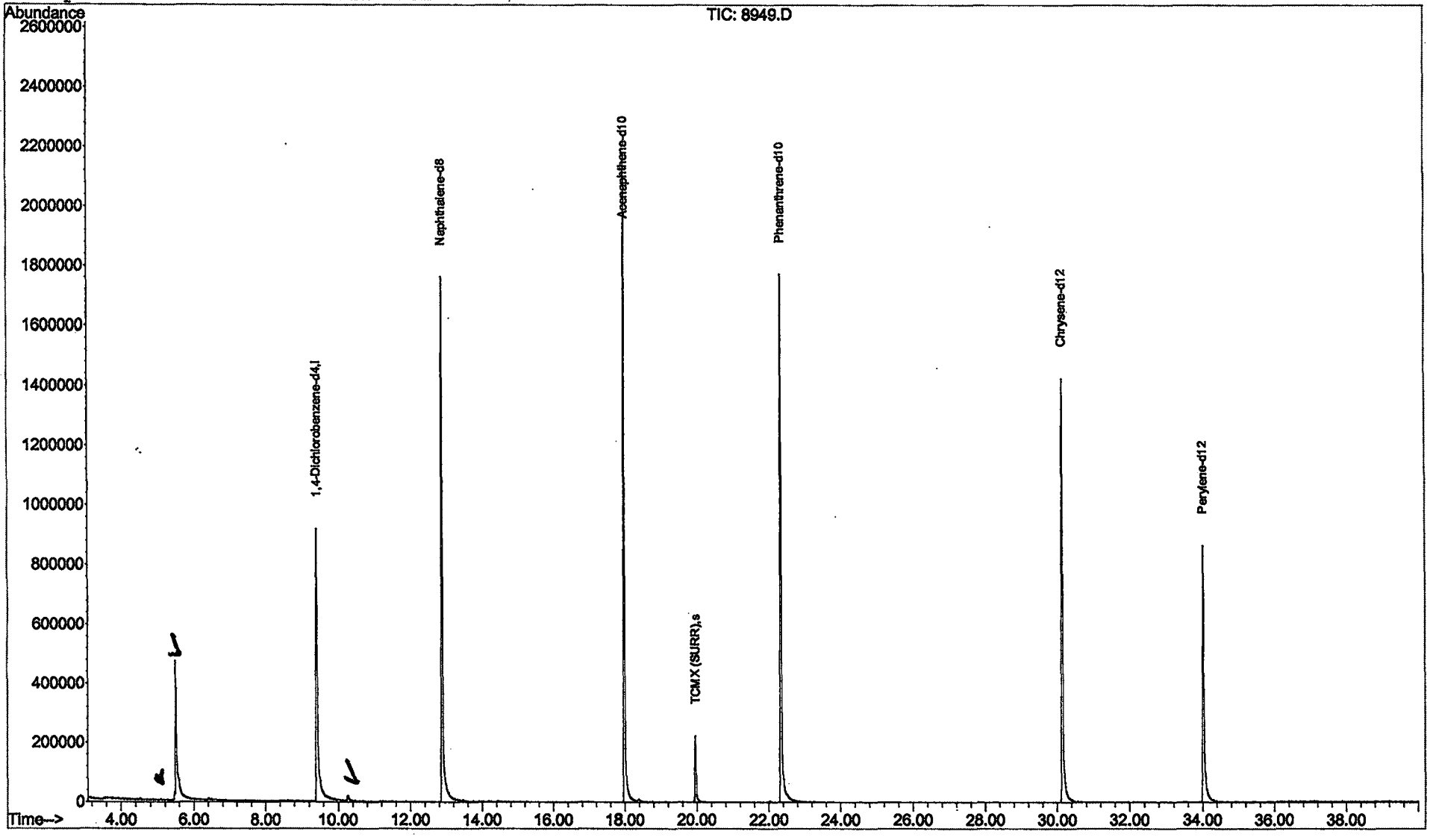
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 11:07:03 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
8949.D 5080402BBC.M Thu Apr 25 14:39:56 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\042202\8949.D Vial: 11
Acq On : 22 Apr 2002 7:21 pm Operator: Bohlk
Sample : SAMPLE 8949 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 25 14:39 2002 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\8949.D Vial: 11
Acq On : 22 Apr 2002 7:21 pm Operator: Bohlk
Sample : SAMPLE 8949 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

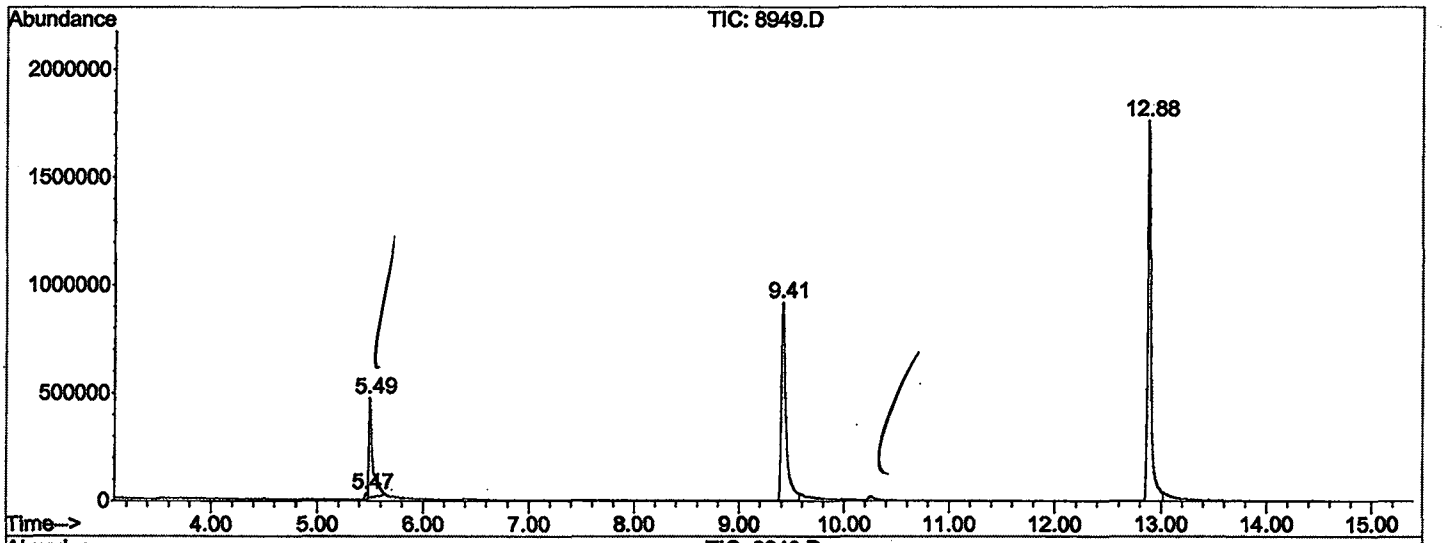
Signal : TIC

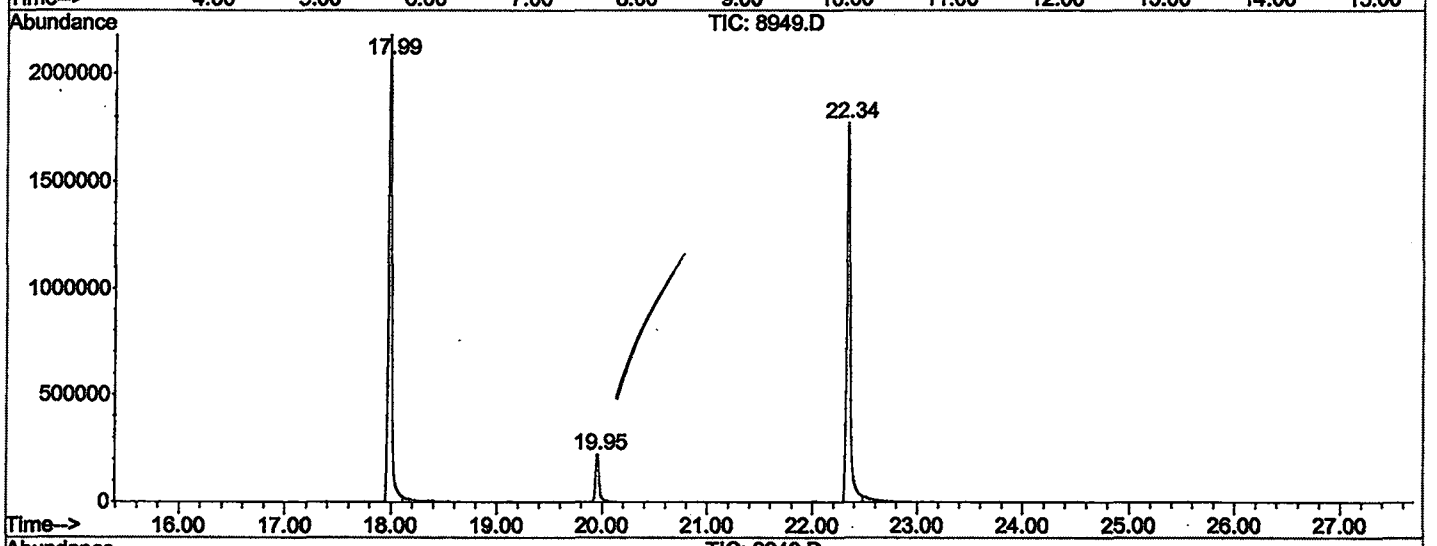
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.471	398	407	409	rBV	29534	55435	1.21%	0.236%
2	5.494	409	411	436	rVV2	459272	1133945	24.68%	4.832%
3	9.413	1072	1078	1105	rBV	917439	2801953	60.98%	11.939%
4	12.880	1661	1668	1691	rBV	1762405	4092971	89.08%	17.440%
5	17.986	2529	2537	2558	rBV	2178583	4594590	100.00%	19.577%
6	19.954	2864	2872	2885	rBV2	222804	513362	11.17%	2.187%
7	22.339	3270	3278	3302	rBV2	1771551	4320252	94.03%	18.408%
8	30.142	4596	4606	4634	rBV2	1424980	3584910	78.02%	15.275%
9	34.014	5256	5265	5288	rBV	864124	2371531	51.62%	10.105%

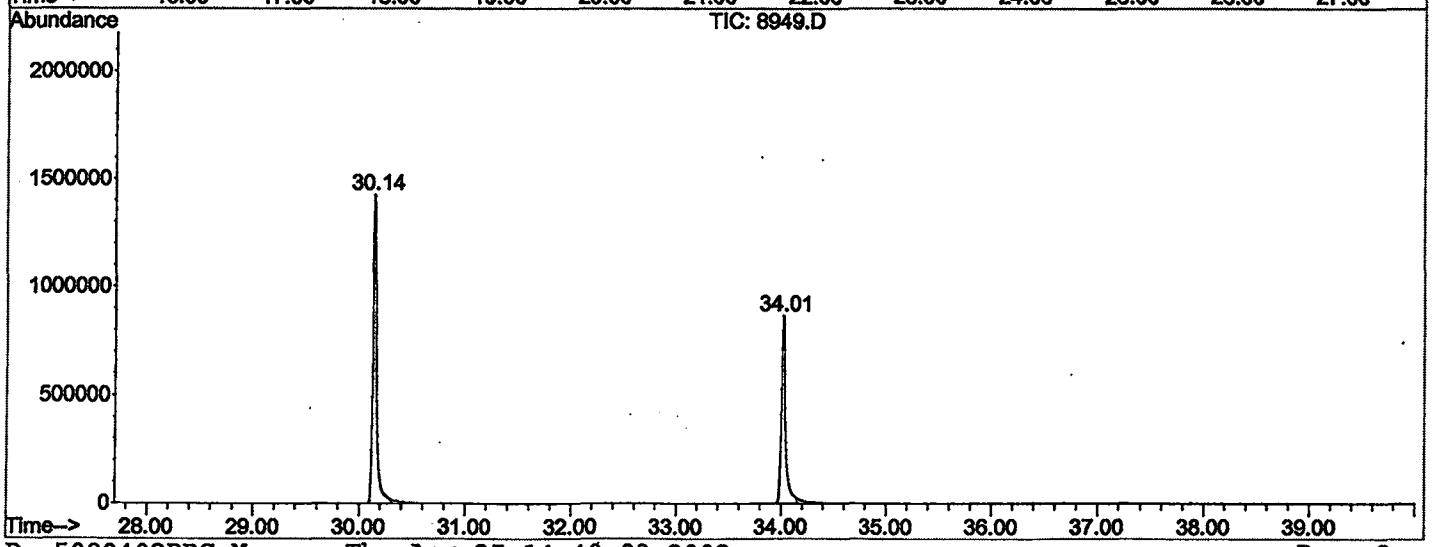
Sum of corrected areas: 23468949

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\042202\8949.D
Operator : Bohlk
Acquired : 22 Apr 2002 7:21 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 8949 4/15/02
Misc Info :
Vial Number: 11
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\042202\8949.D Vial: 11
Acq On : 22 Apr 2002 7:21 pm Operator: Bohlk
Sample : SAMPLE 8949 4/15/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

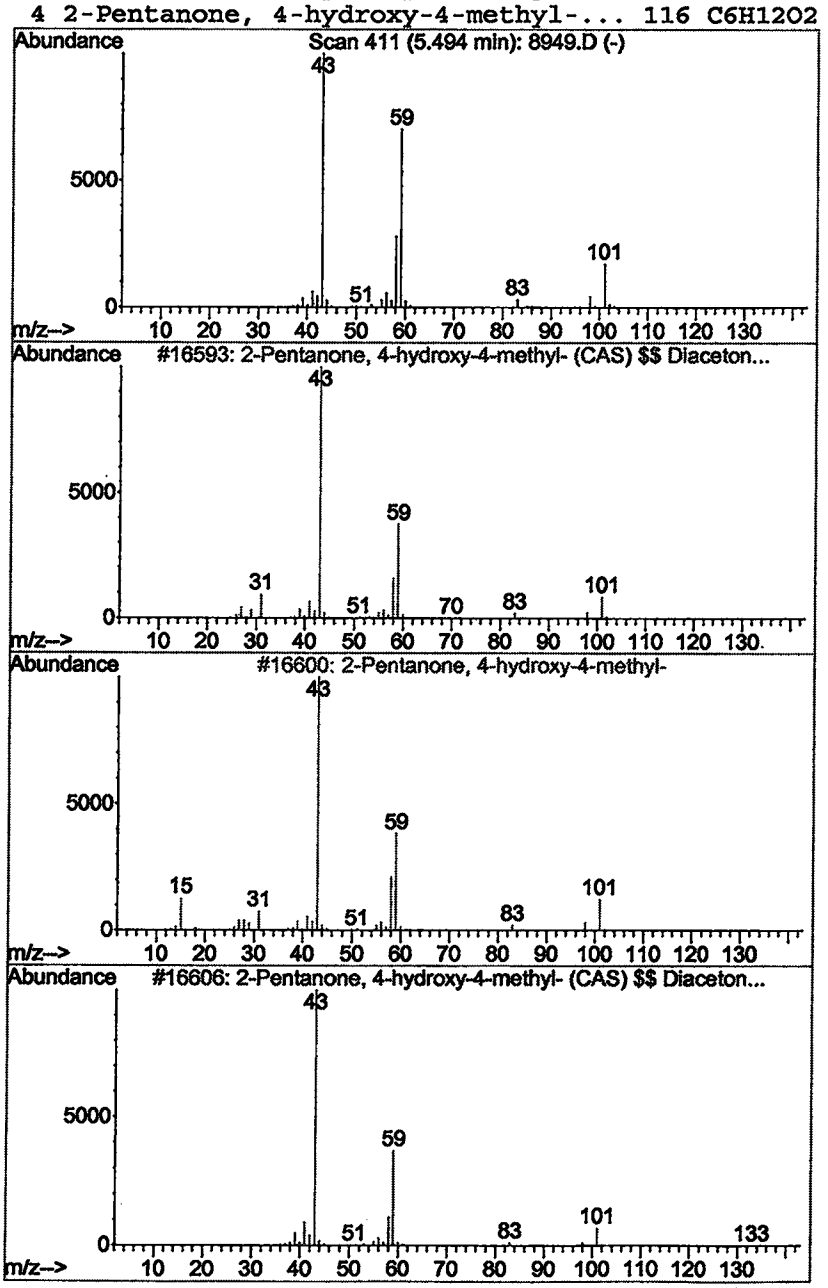
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

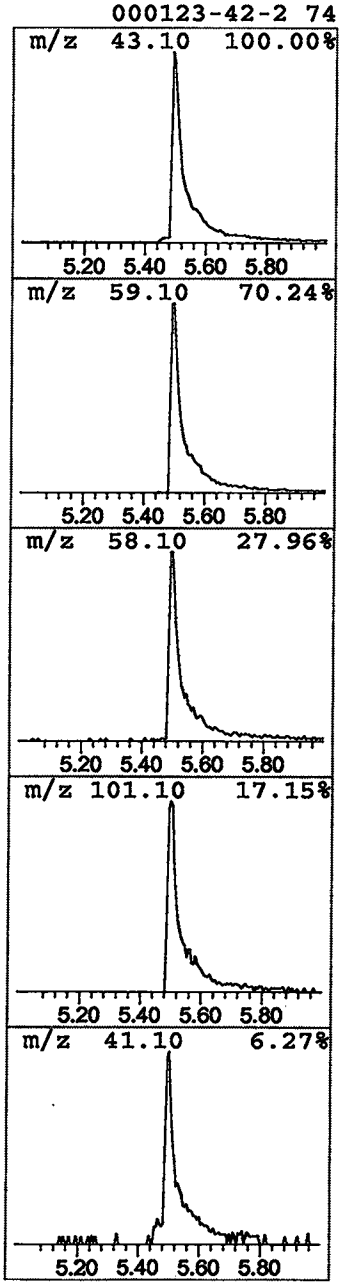
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	16.19 ug/L	1133950	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	74





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 22 Apr 2002 7:21 pm
Data File: C:\MSDCHEM\1\DATA\042202\8949.D
Name: SAMPLE 8949 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
2-Pentanone, 4-hy...	5.49	16.2	ug/L	1133950	1	9.41	2801950	40.0