User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 15:50:28

Sample: AE05919
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 15:39 Ended: 4/5/02 15:39 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		96		5.0

Comments for Sample AE05919 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 15:50:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Isophorone is present at an estimated level of 0.26 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032202\5919.D Vial: 13
Acq On : 23 Mar 2002 5:10 am Operator: McLean
Sample : SAMPLE 5919 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 07:33:43 2002 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	9.56	150	1428939	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4238791	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2361589	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3596657	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2757758	20.00	ug/L	-0.01
44) Perylene-d12	34.18	264	1505173	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	206093	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.00%			
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	11.82	82	36781	0.26	ug/L	95
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	24184	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) antracene	30.30	228	6714	N.D.		
42) Bis (2-ethylhexyl) phthala	30.91	149	44252	0.41	ug/L	89
43) Chrysene	30.30	228	6714	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
5919.D 5080302.M Fri Apr 05 07:35:47 2002

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032202\5919.D Vial: 13
Acq On : 23 Mar 2002 5:10 am Operator: McLean
Sample : SAMPLE 5919 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 05 07:33:43 2002 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

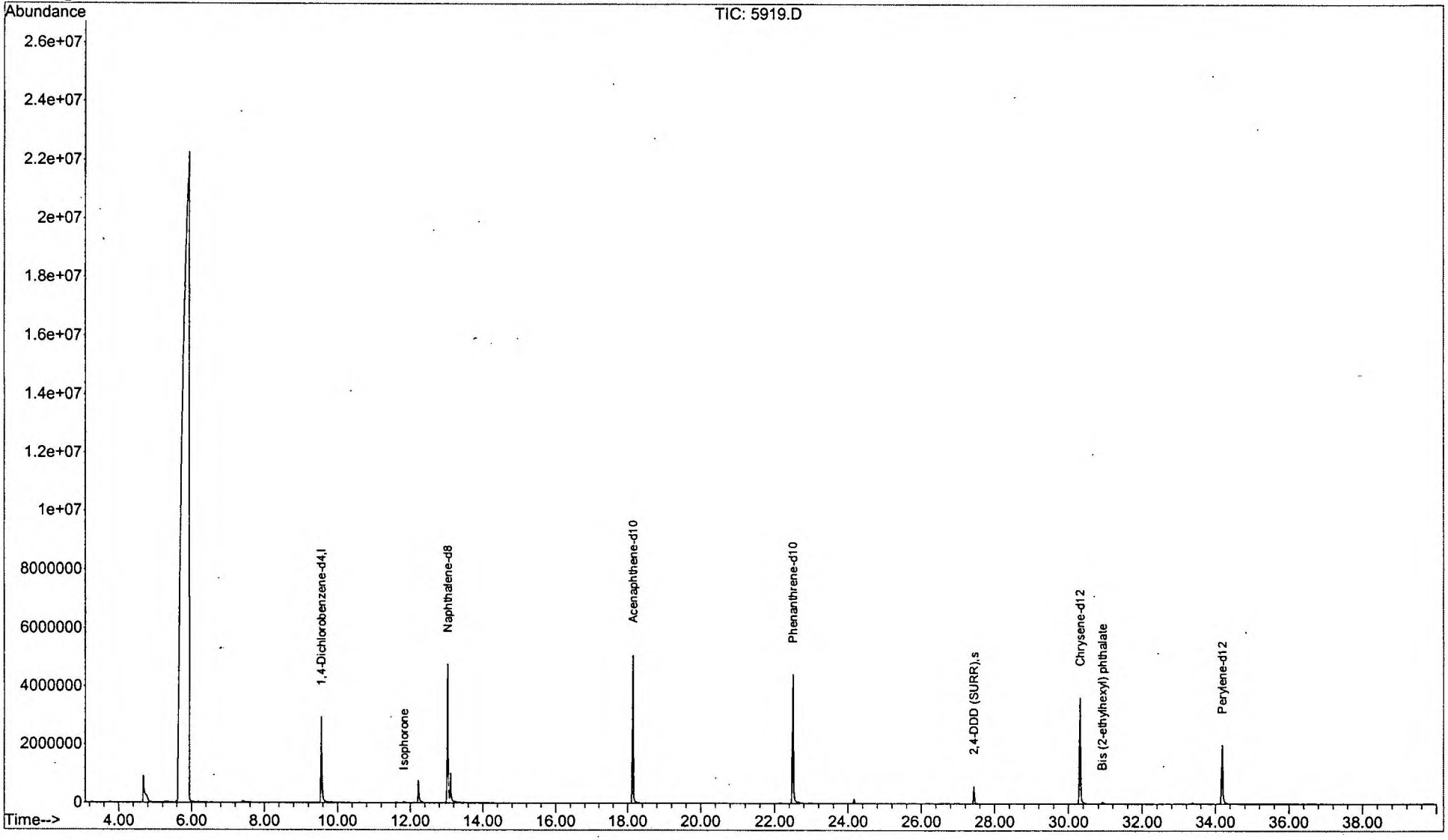
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	34.18	252	5605	N.D.	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032202\5919.D Vial: 13
Acq On : 23 Mar 2002 5:10 am Operator: McLean
Sample : SAMPLE 5919 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 5 7:33 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\5919.D Vial: 13
Acq On : 23 Mar 2002 5:10 am Operator: McLean
Sample : SAMPLE 5919 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

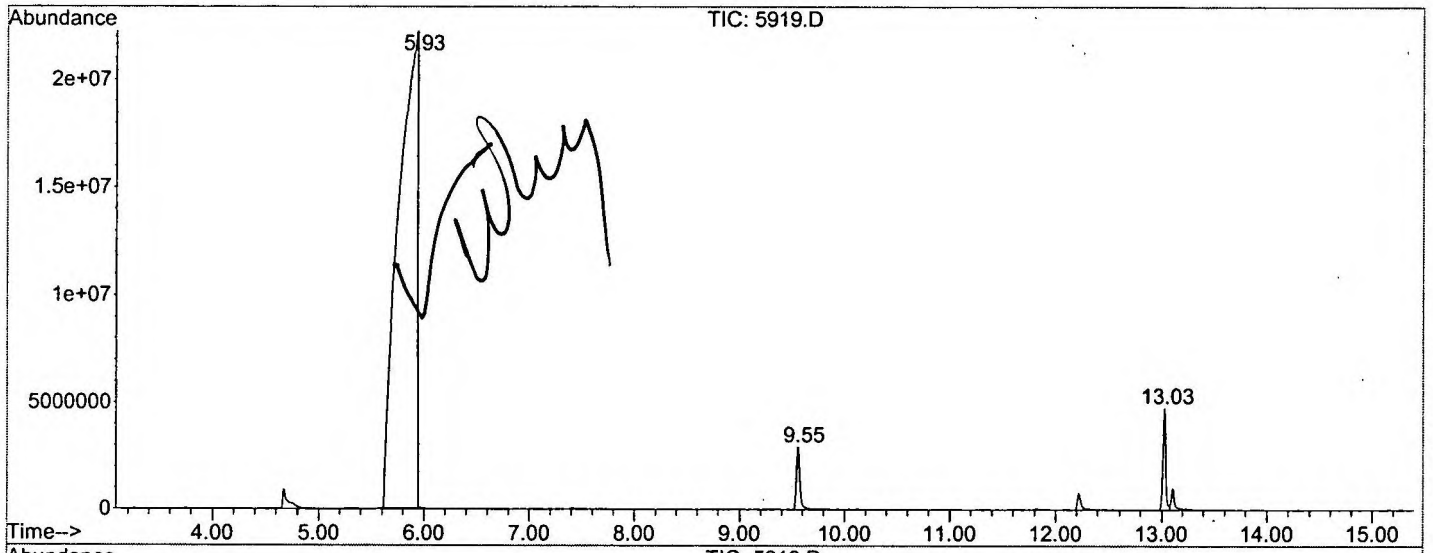
Signal : TIC

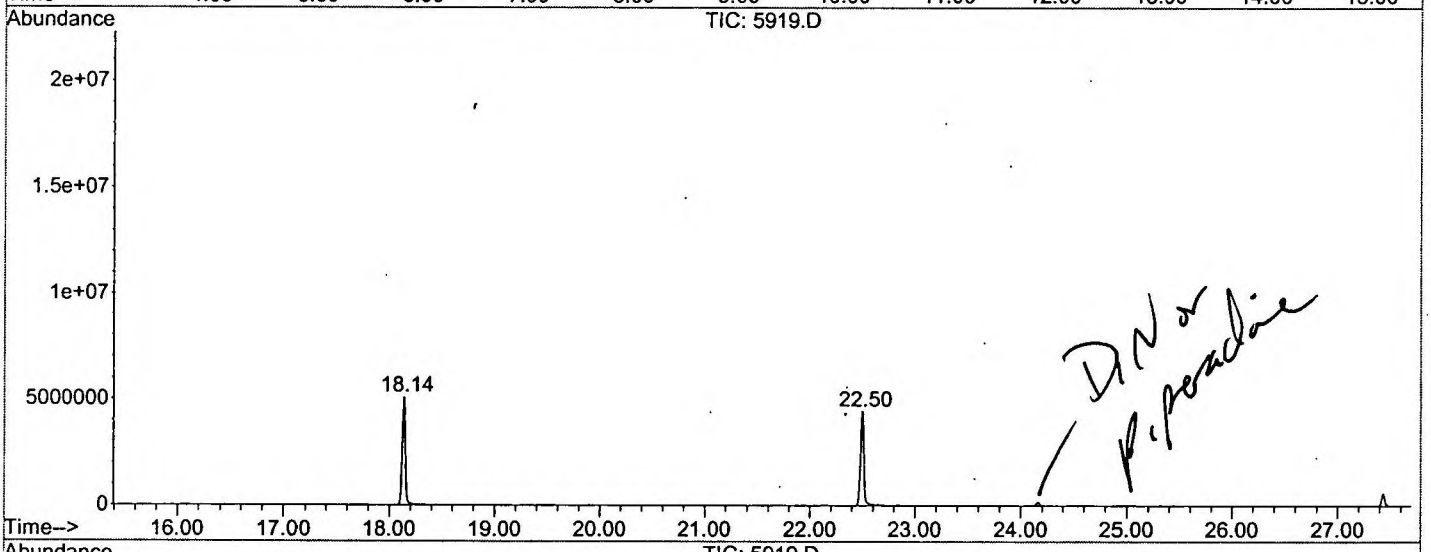
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.935	430	486	489	rBV	22204170	277846726	100.00%	84.869%
2	9.554	1095	1102	1121	rBV	2933019	6562010	2.36%	2.004%
3	13.026	1685	1693	1702	rBV	4766314	9314536	3.35%	2.845%
4	18.138	2554	2563	2578	rBV	5078019	10116713	3.64%	3.090%
5	22.498	3294	3305	3326	rBV2	4429565	10140068	3.65%	3.097%
6	30.312	4624	4635	4654	rBV2	3634268	8297369	2.99%	2.534%
7	34.184	5283	5294	5317	rBV2	2009955	5105369	1.84%	1.559%

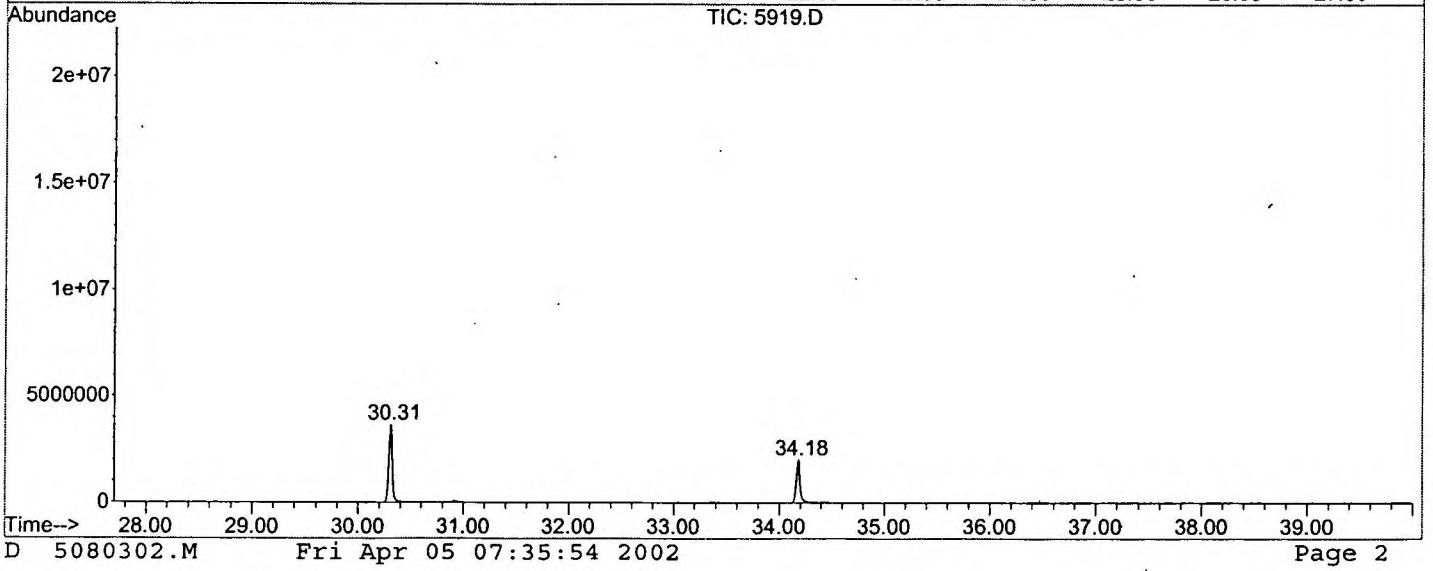
Sum of corrected areas: 327382791

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032202\5919.D
Operator : McLean
Acquired : 23 Mar 2002 5:10 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 5919 3/14/02
Misc Info :
Vial Number: 13
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\032202\5919.D Vial: 13
Acq On : 23 Mar 2002 5:10 am Operator: McLean
Sample : SAMPLE 5919 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

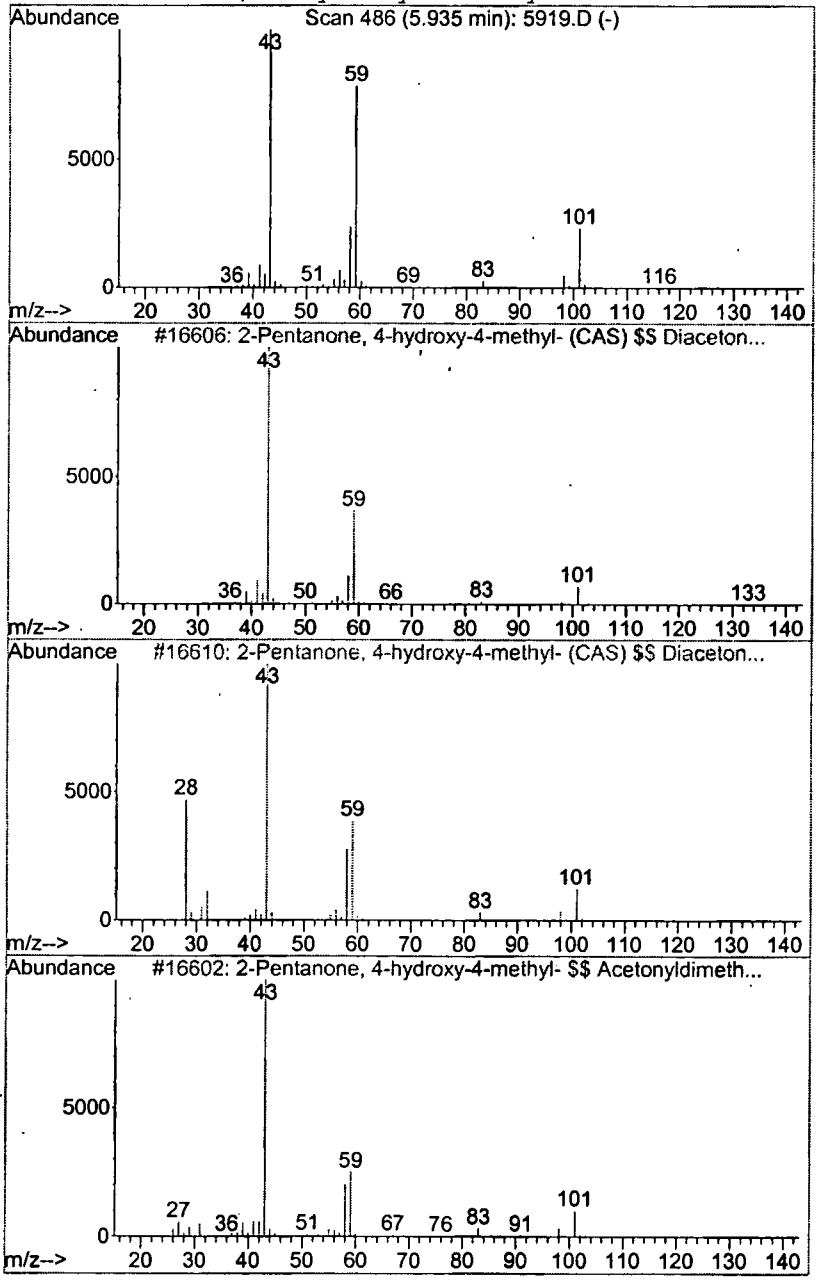
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

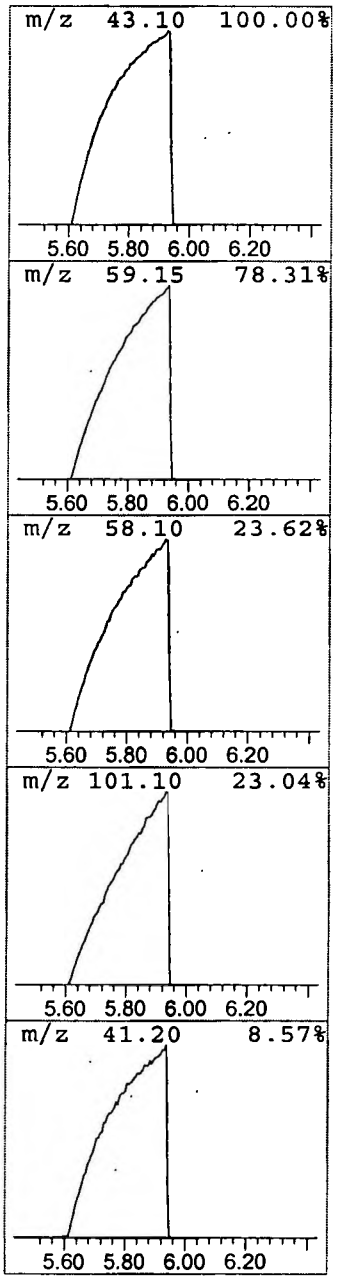
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	846.83 ug/L	277847000	1,4-Dichlorobenzene-d4	9.56

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	64
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	56





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 23 Mar 2002 5:10 am
Data File: C:\MSDCHEM\1\DATA\032202\5919.D
Name: SAMPLE 5919 3/14/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
2-Pentanone, 4-hy...	5.93	846.8	ug/L	277847000	1 9.56	6562010	20.0