User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 14:13:24

Sample: AE07380
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 14:13 Ended: 4/25/02 14:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE07380 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 14:14:07

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\041802\7380.D Vial: 29
Acq On : 19 Apr 2002 8:37 am Operator: Bohlk
Sample : SAMPLE 7380 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:54:24 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 08:08:47 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	370613	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1772558	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1000127	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1373099	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1067102	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	666079	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	21893	5.49	ug/L	0.00
Spiked Amount 4.000			Recovery = 137.25%			
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	30.76	149	6673	0.25	ug/L	92
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\041802\7380.D Vial: 29
Acq On : 19 Apr 2002 8:37 am Operator: Bohlk
Sample : SAMPLE 7380 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:54:24 2002 Quant Results File: 5080402BBC.RES

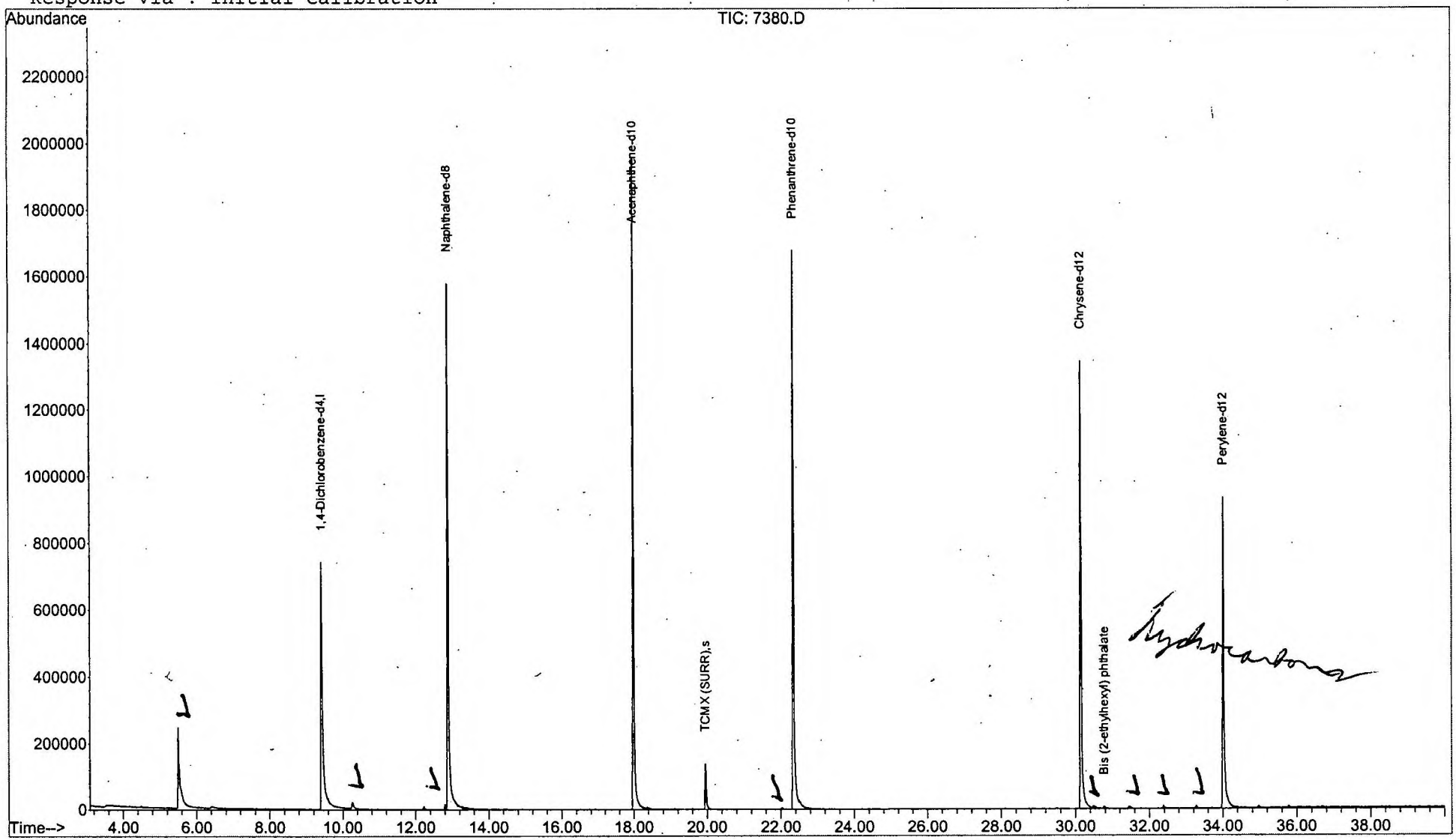
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
7380.D 5080402BBC.M Wed Apr 24 08:55:05 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041802\7380.D Vial: 29
Acq On : 19 Apr 2002 8:37 am Operator: Bohlk
Sample : SAMPLE 7380 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 8:54 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 08:08:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041802\7380.D Vial: 29
Acq On : 19 Apr 2002 8:37 am Operator: Bohlk
Sample : SAMPLE 7380 3/28/02 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

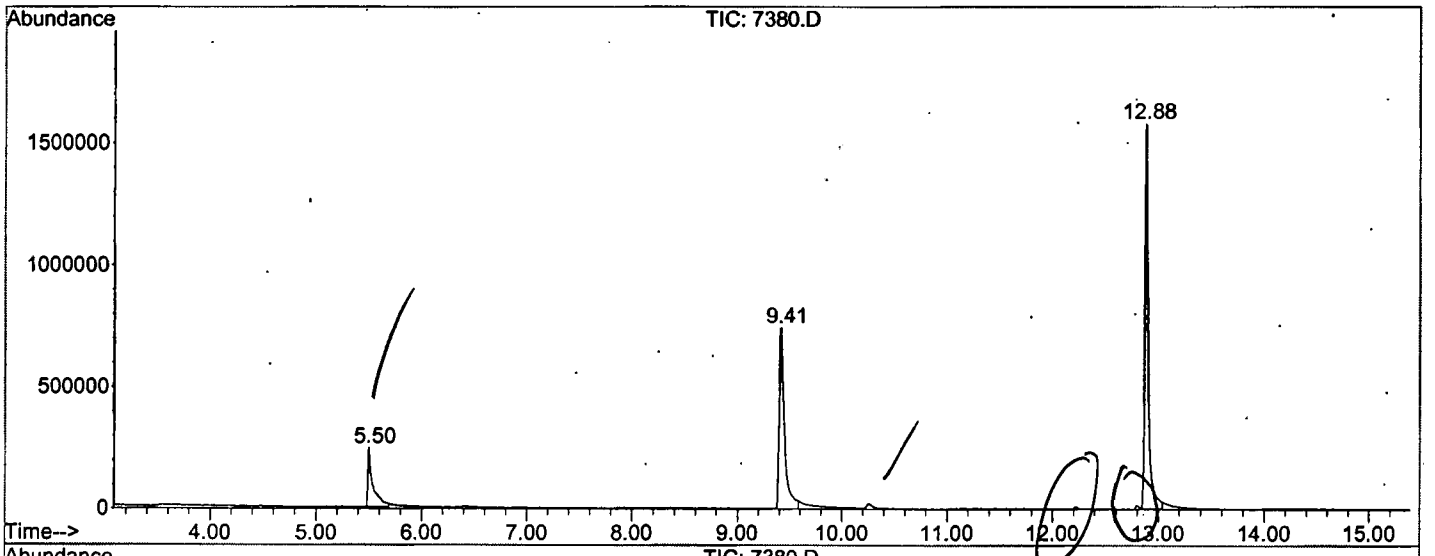
Signal : TIC

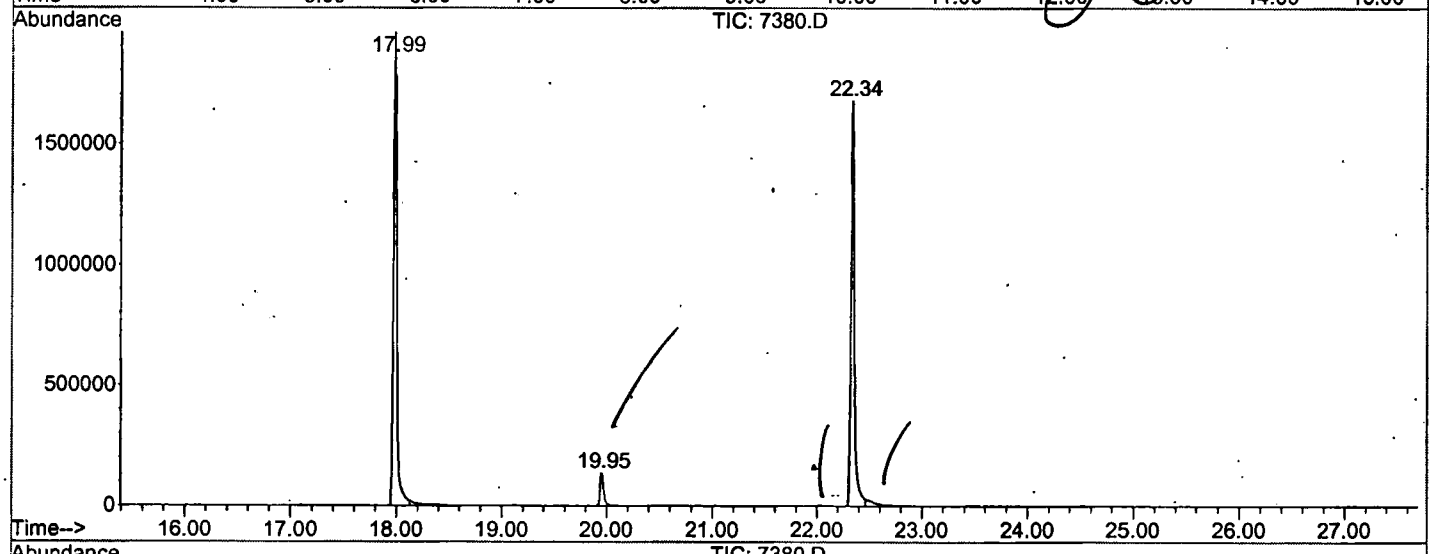
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.500	408	412	444	rBV	242008	818817	19.43%	3.860%
2	9.413	1071	1078	1107	rBV	742097	2480725	58.86%	11.694%
3	12.880	1661	1668	1695	rBV	1573991	3757452	89.15%	17.713%
4	17.986	2529	2537	2561	rBV	1955746	4214920	100.00%	19.869%
5	19.948	2864	2871	2883	rBV3	137945	310052	7.36%	1.462%
6	22.339	3269	3278	3299	rBV2	1677837	3946765	93.64%	18.605%
7	30.142	4597	4606	4624	rBV2	1343859	3265332	77.47%	15.393%
8	34.014	5256	5265	5282	rBV2	931962	2419223	57.40%	11.404%

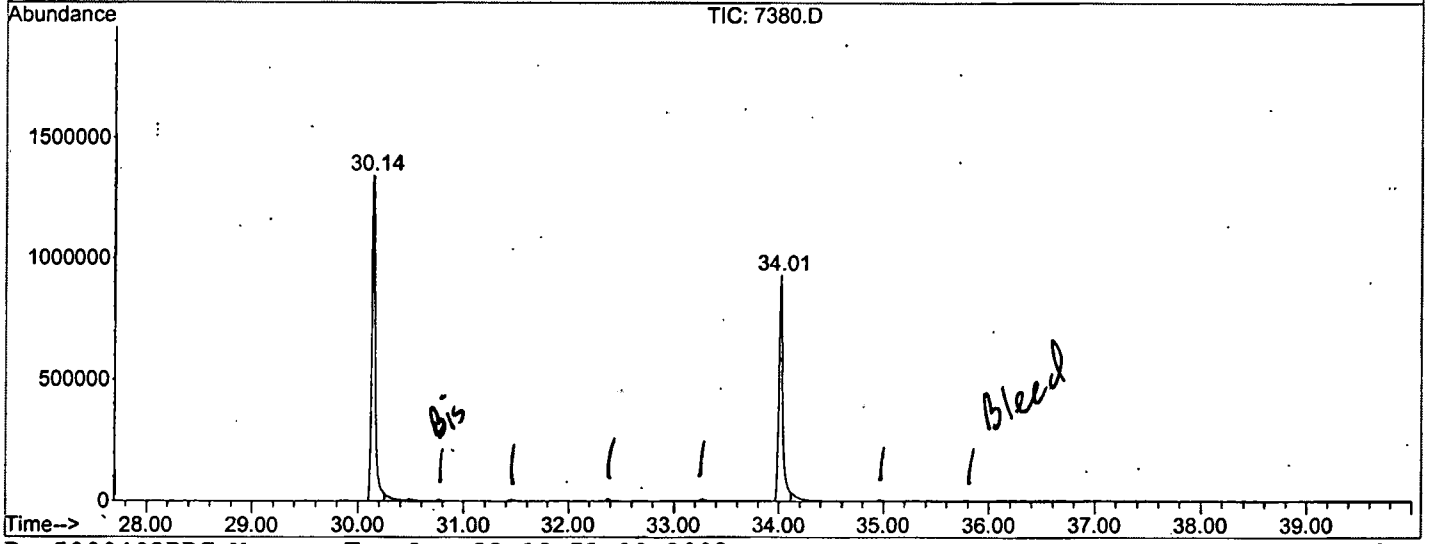
Sum of corrected areas: 21213286

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041802\7380.D
Operator : Bohlk
Acquired : 19 Apr 2002 8:37 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7380 3/28/02
Misc Info :
Vial Number: 29
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7380.D Vial: 29
Acq On : 19 Apr 2002 8:37 am Operator: Bohlk
Sample : SAMPLE 7380 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

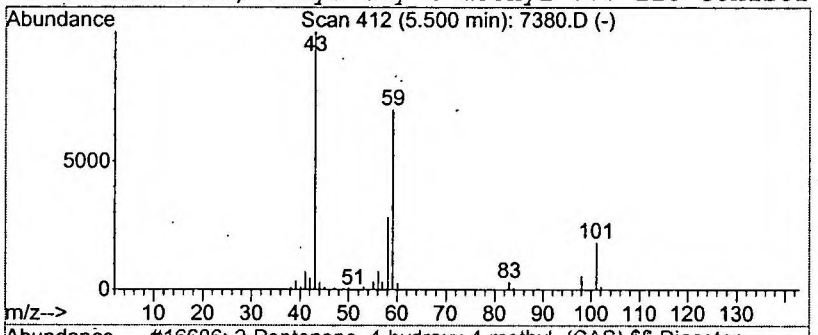
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

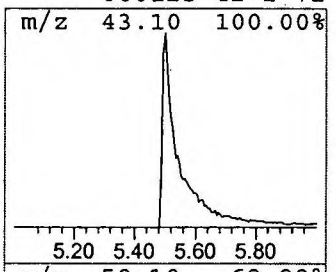
****

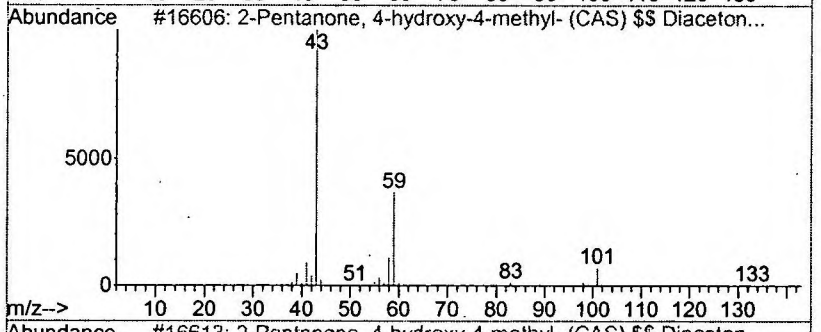
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

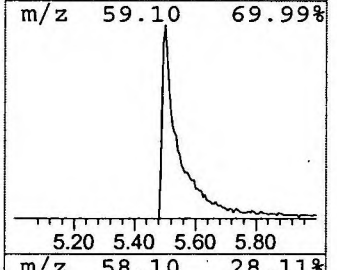
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	13.20 ug/L	818817	1,4-Dichlorobenzene-d4	9.41

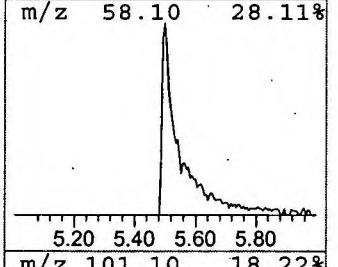
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72

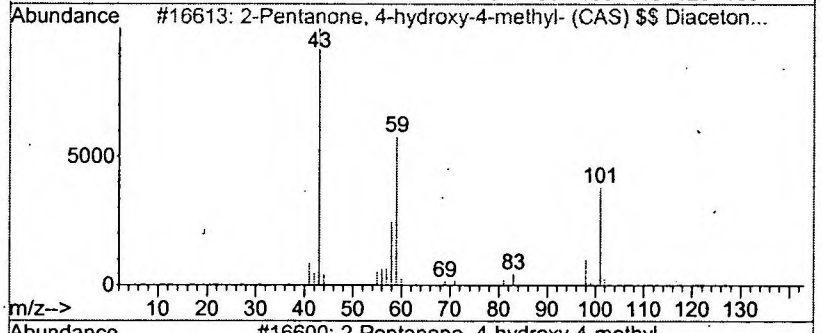


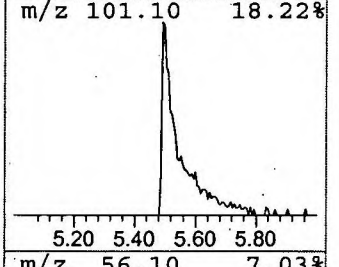


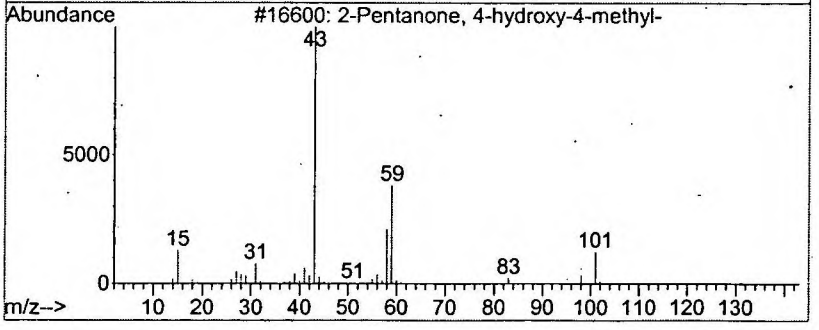


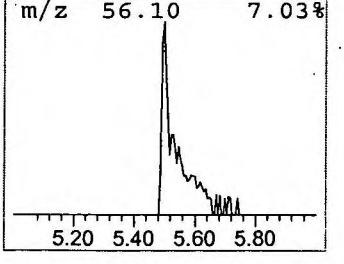










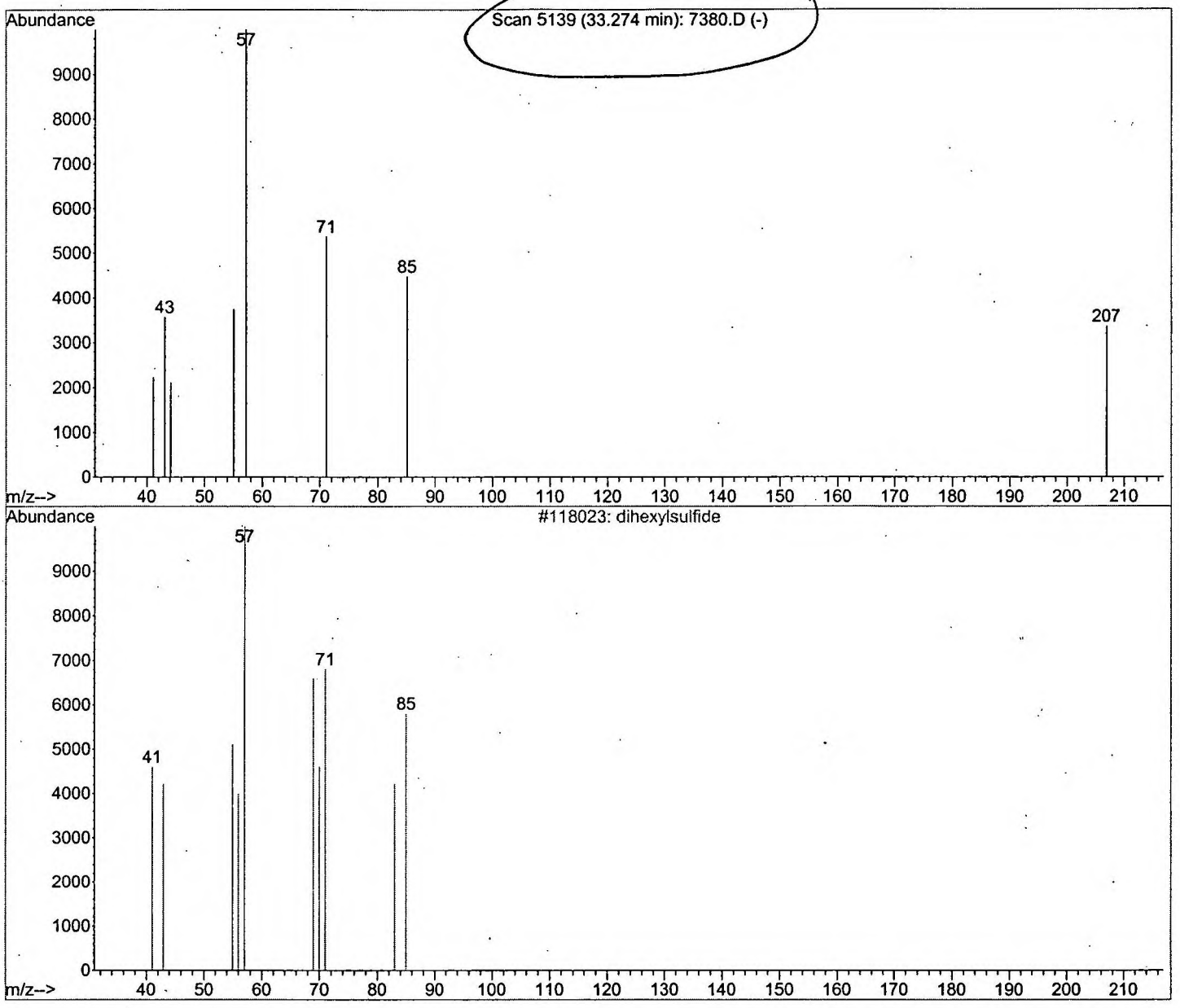


Tentatively Identified Compound (LSC) summary

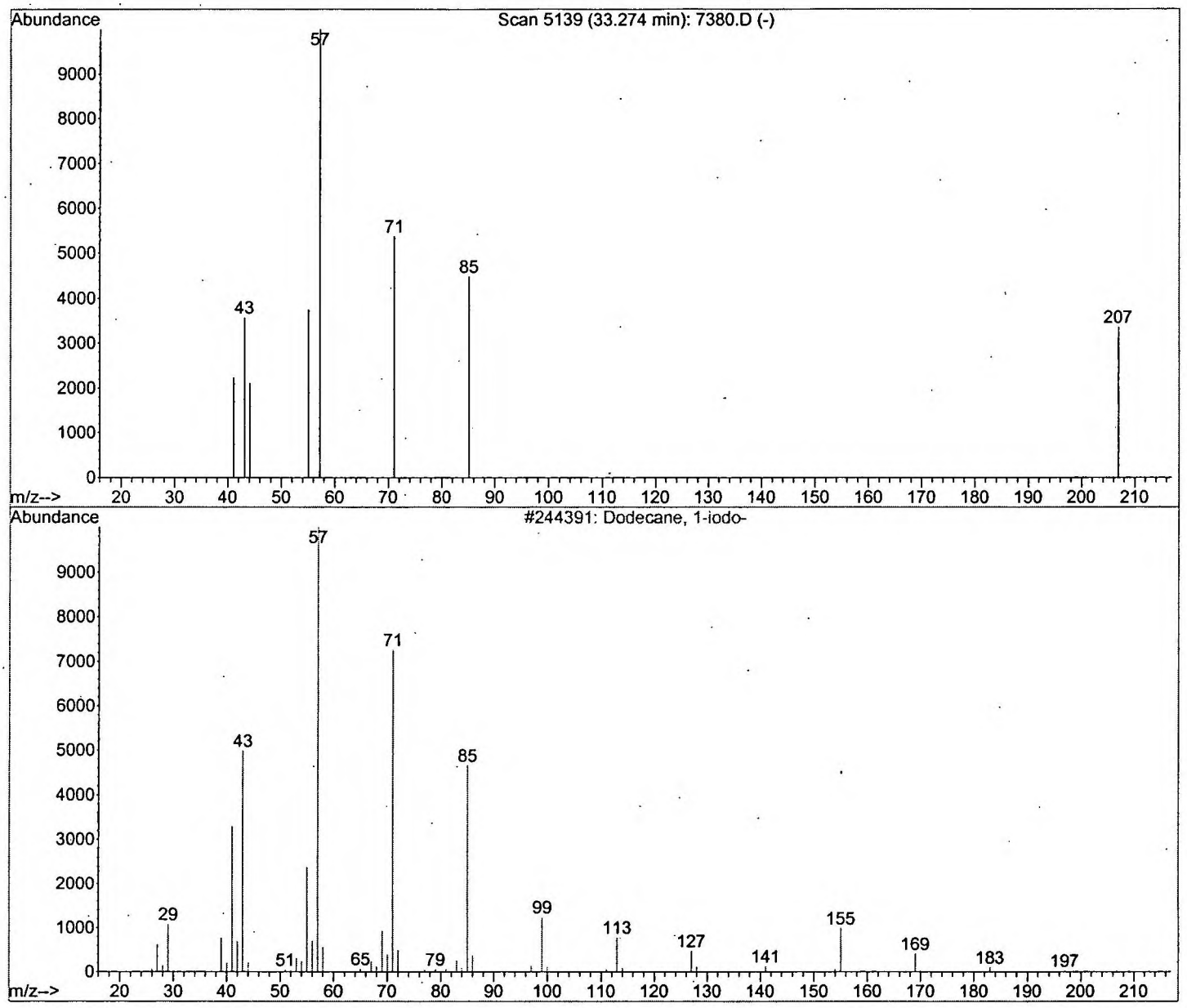
Operator ID: Bohlk Date Acquired: 19 Apr 2002 8:37 am
Data File: C:\MSDCHEM\1\DATA\041802\7380.D
Name: SAMPLE 7380 3/28/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.50	13.2	ug/L	818817	1	9.41	2480730	40.0

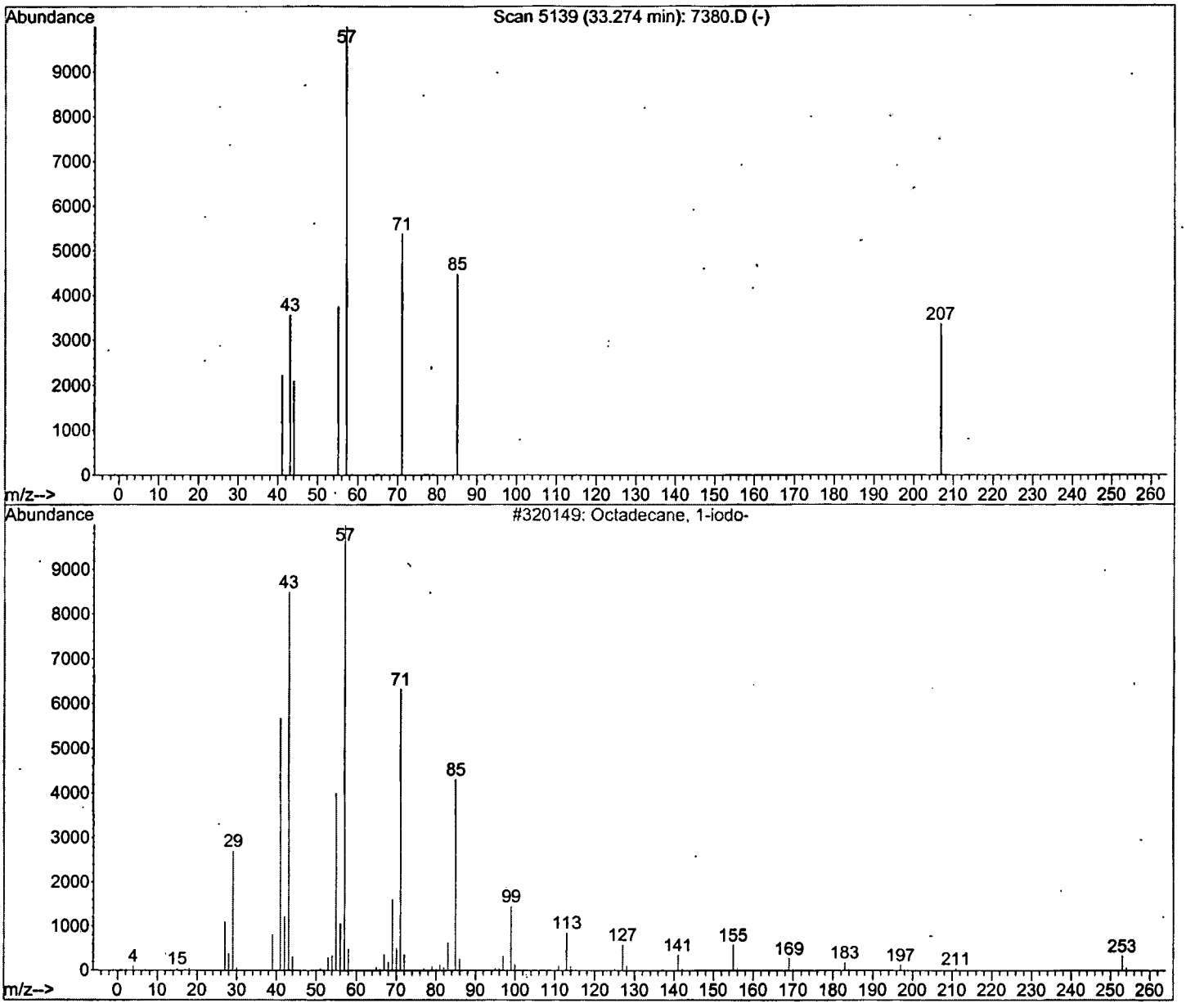
Library Searched : C:\Database\wiley7n.l
Quality : 36
ID : dihexylsulfide



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : Dodecane, 1-iodo-



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : Octadecane, 1-iodo-



Library Searched : C:\Database\wiley7n.l
Quality : 9
ID : Heptacosane, 1-chloro-