User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 09:57:49

Sample: AE06857
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 09:57 Ended: 4/23/02 09:57 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE06857 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 09:58:19

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Action Taken On Failed QC Analyses

LAB #	DATE EXT.	COMMENT:	NAME
	3/25/02	5085CAW	TB

Injected C10, but did not use as CCV since two Compounds were outside ± 20 % of T.V. Used C80 instead.

The extract for FB 6857 contained water. Therefore, eluted through Sodium Sulfate before injecting. The Int. Std. area count was approx. 147 % of the average Int. Std. area count for the initial calibration. The Computer Calculated Surrogate Conc. was 6.11 ug/L (61 %). If adjust the Conc. of 6.11 by a factor of 1.47

6.11 ug/L x 1.47 = 8.98 ug/L

then Surrogate recovery is 89.8 or 90 %.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041702\6857.D Vial: 6
Acq On : 17 Apr 2002 12:43 pm Operator: Bohlk
Sample : SAMPLE 6857, FB 3/25/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 22 11:12:14 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 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	655310	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2859860	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1620398	40.00	ug/L	0.00
30) Phenanthrene-d10	22.35	188	2331735	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1994905	40.00	ug/L	0.00
45) Perylene-d12	34.03	264	1264591	40.00	ug/L	0.01
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
38) 2,4-DDD (SURR)	27.28	235	106120	6.11	ug/L	0.01
Spiked Amount 10.000			Recovery =	61.10%		
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.	d	
43) Bis (2-ethylhexyl) phthala	30.76	149	12038	0.24	ug/L	90
44) Chrysene	0.00	228	0	N.D.	d	

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

x1.47 8.98 ng/L 90% FB 4/22/02

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041702\6857.D Vial: 6
Acq On : 17 Apr 2002 12:43 pm Operator: Bohlk
Sample : SAMPLE 6857, FB 3/25/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 22 11:12:14 2002 Quant Results File: 5080402BBC.RES

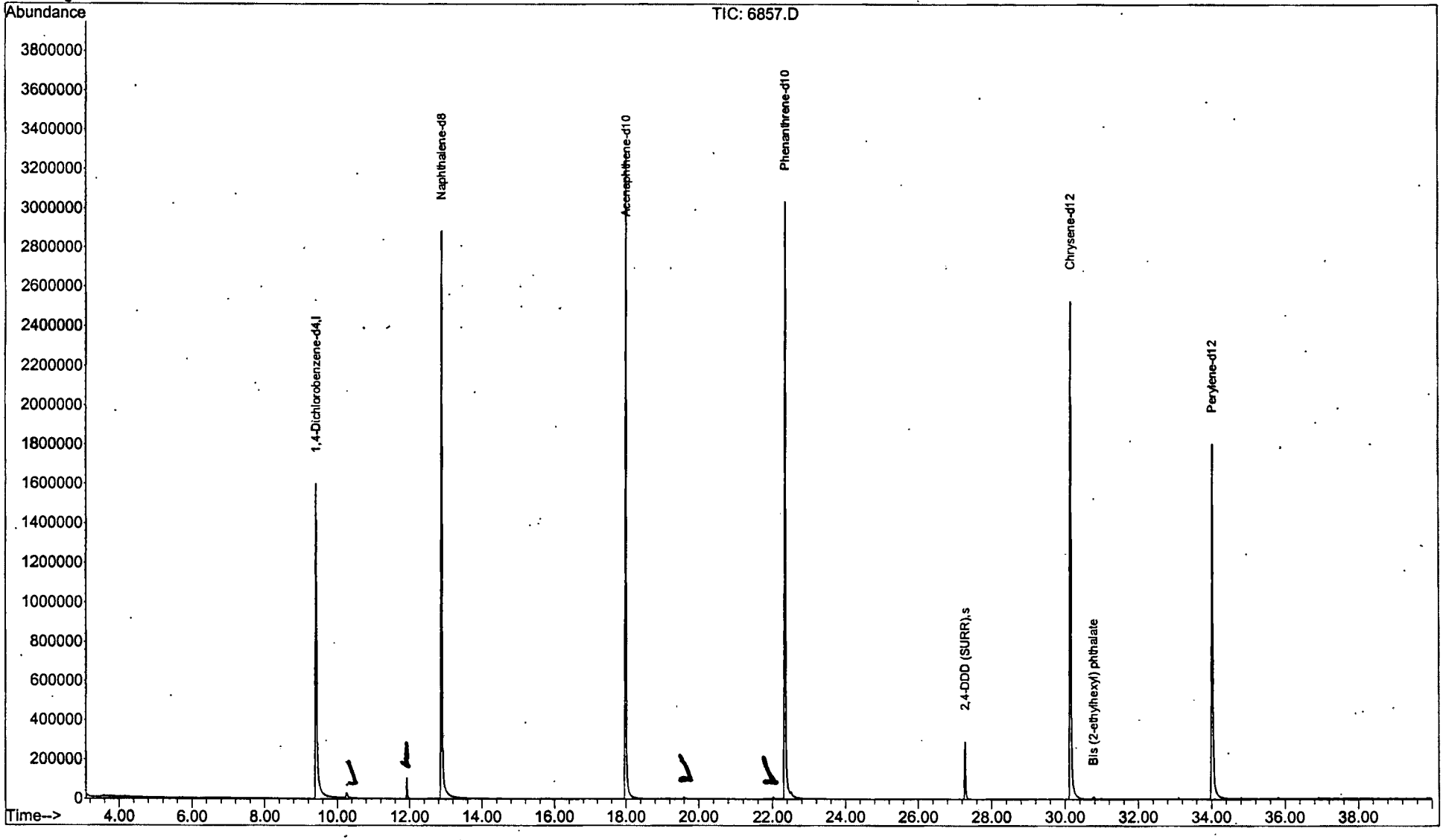
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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. 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

Data File : C:\MSDCHEM\1\DATA\041702\6857.D Vial: 6
Acq On : 17 Apr 2002 12:43 pm Operator: Bohlk
Sample : SAMPLE 6857, FB 3/25/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 22 11:13 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041702\6857.D Vial: 6
Acq On : 17 Apr 2002 12:43 pm Operator: Bohlk
Sample : SAMPLE 6857, FB 3/25/02 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

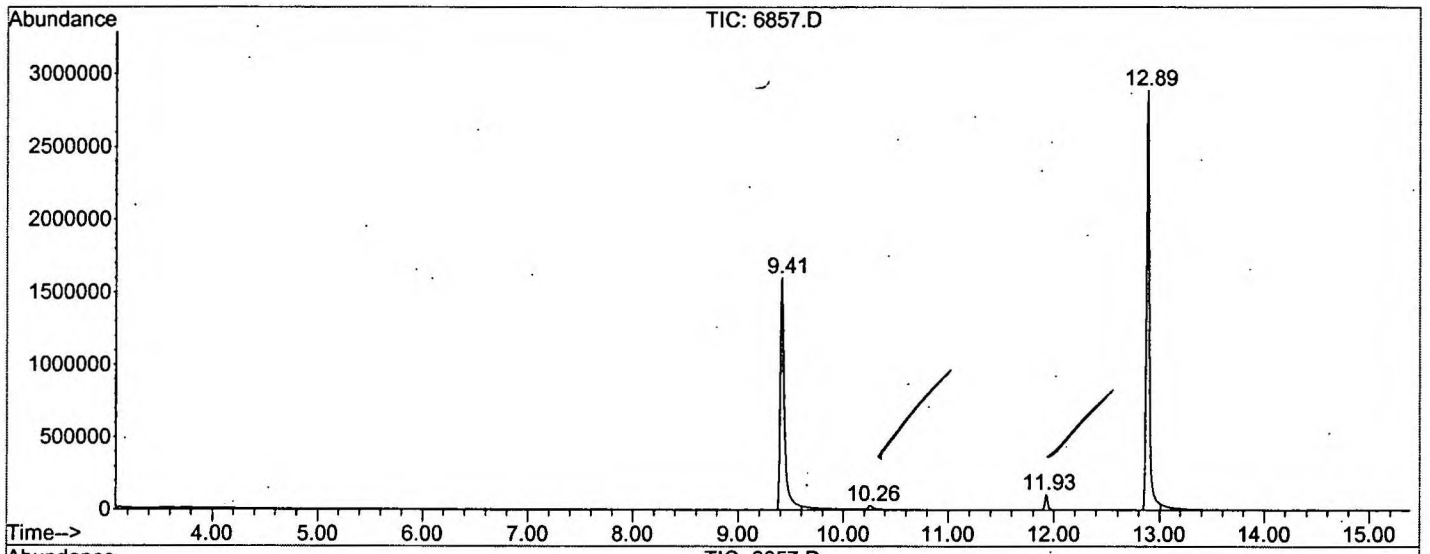
Signal : TIC

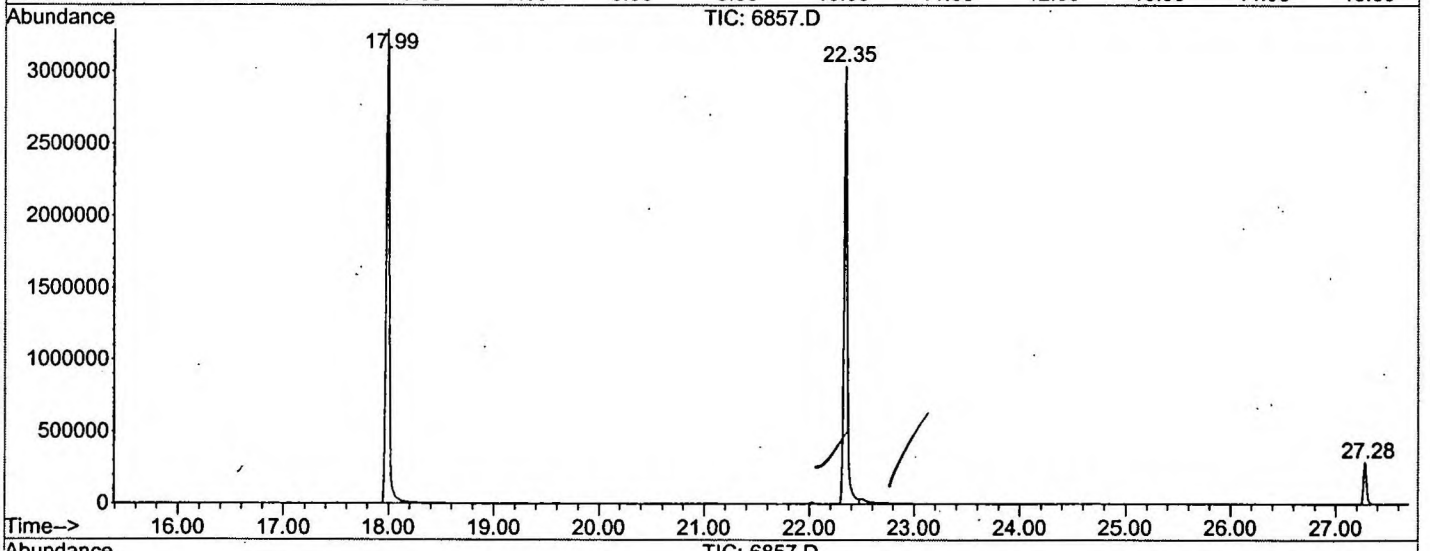
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.413	1071	1078	1110	rBV	1596042	4317628	62.34%	11.991%
2	10.259	1215	1222	1235	rBV3	25286	78365	1.13%	0.218%
3	11.928	1499	1506	1517	rBV	106398	197569	2.85%	0.549%
4	12.885	1661	1669	1690	rBV	2883903	6214250	89.72%	17.258%
5	17.991	2529	2538	2561	rBV	3287444	6926439	100.00%	19.235%
6	22.345	3269	3279	3301	rBV2	3036195	6744332	97.37%	18.730%
7	27.281	4112	4119	4134	rBV2	289129	571371	8.25%	1.587%
8	30.154	4597	4608	4636	rBV2	2528219	6240932	90.10%	17.332%
9	34.026	5256	5267	5303	rBV2	1804681	4717774	68.11%	13.102%

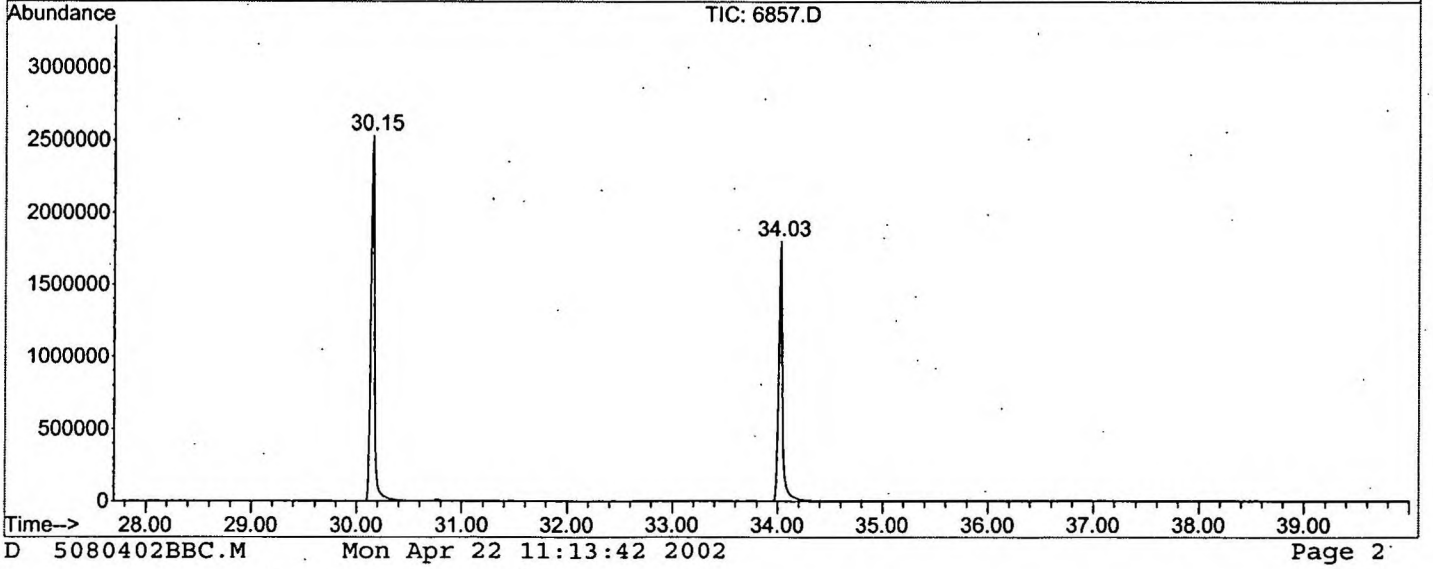
Sum of corrected areas: 36008660

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041702\6857.D
Operator : Bohlk
Acquired : 17 Apr 2002 12:43 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 6857, FB 3/25/02
Misc Info :
Vial Number: 6
Quant File :5080402BBC.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041702\6857.D Vial: 6
Acq On : 17 Apr 2002 12:43 pm Operator: Bohlk
Sample : SAMPLE 6857, FB 3/25/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

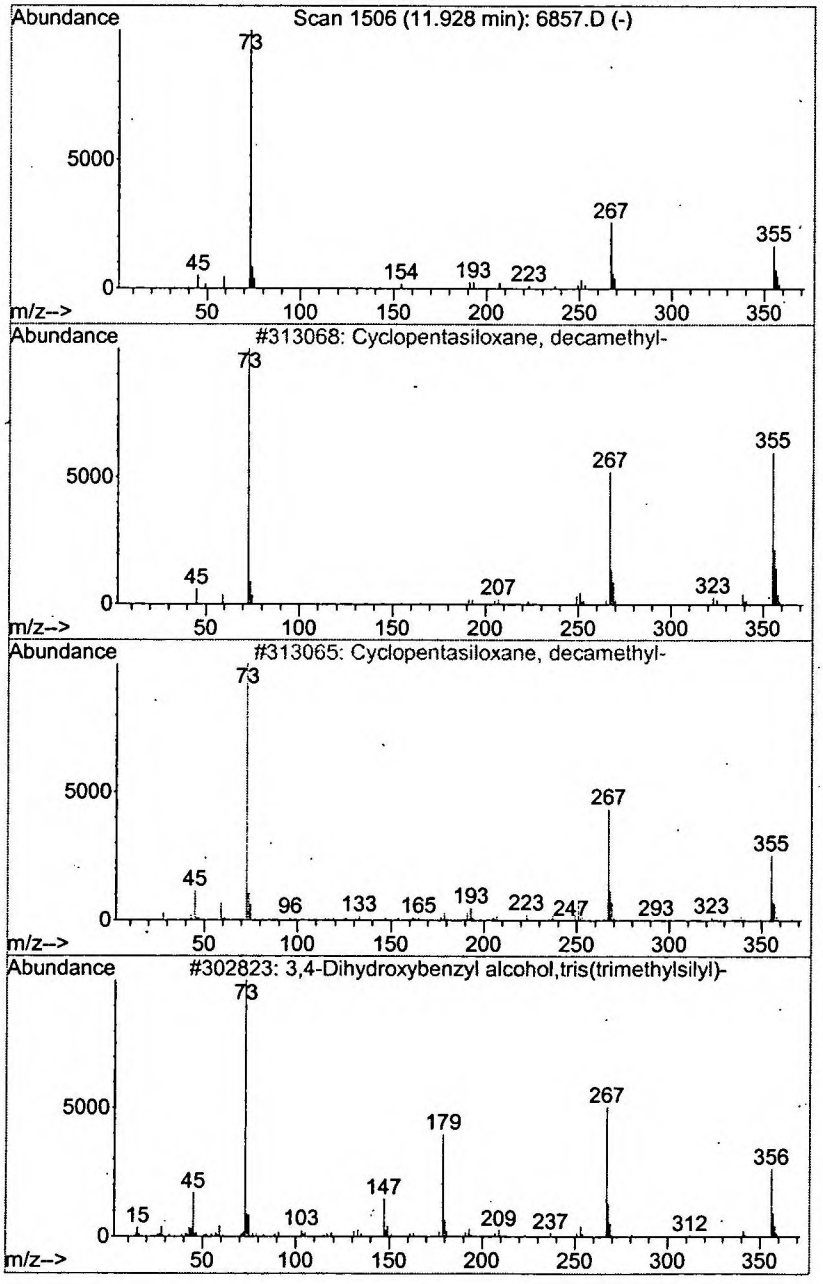
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

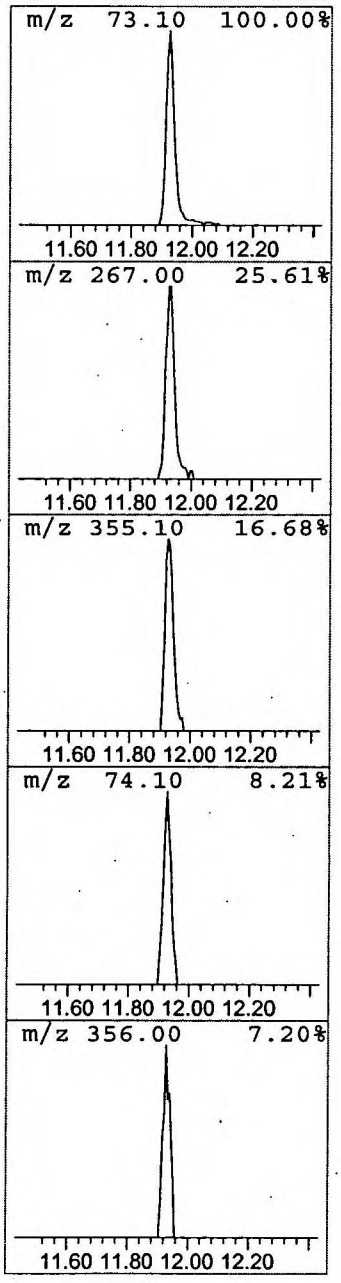
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	1.27 ug/L	197569	Naphthalene-d8	12.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	47
4	M-HYDROXYPHENETHANOL 2TMS	282	C14H26O2Si2	000000-00-0	28





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 17 Apr 2002 12:43 pm
Data File: C:\MSDCHEM\1\DATA\041702\6857.D
Name: SAMPLE 6857, FB 3/25/02
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
Cyclopentasiloxan...	11.93	1.3	ug/L	197569	2	12.89	6214250	40.0