User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 15:21:51

Sample: AE05513
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 15:20 Ended: 3/29/02 15:20 Analyst: DLV
Page: 1

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

Comments for Sample AE05513 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 15:22:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:53:26 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1331354	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3710801	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2040847	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3135703	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2840718	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1634005	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	285277	7.63	ug/L	0.00
Spiked Amount 5.000			Recovery = 152.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. 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	19.72	149	10925	0.11	ug/L	88
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	24.64	149	34862	0.21	ug/L	99
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	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	16215	0.15	ug/L	95
43) Chrysene	0.00	228	0	N.D. 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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:53:26 2002 Quant Results File: 5080302.RES

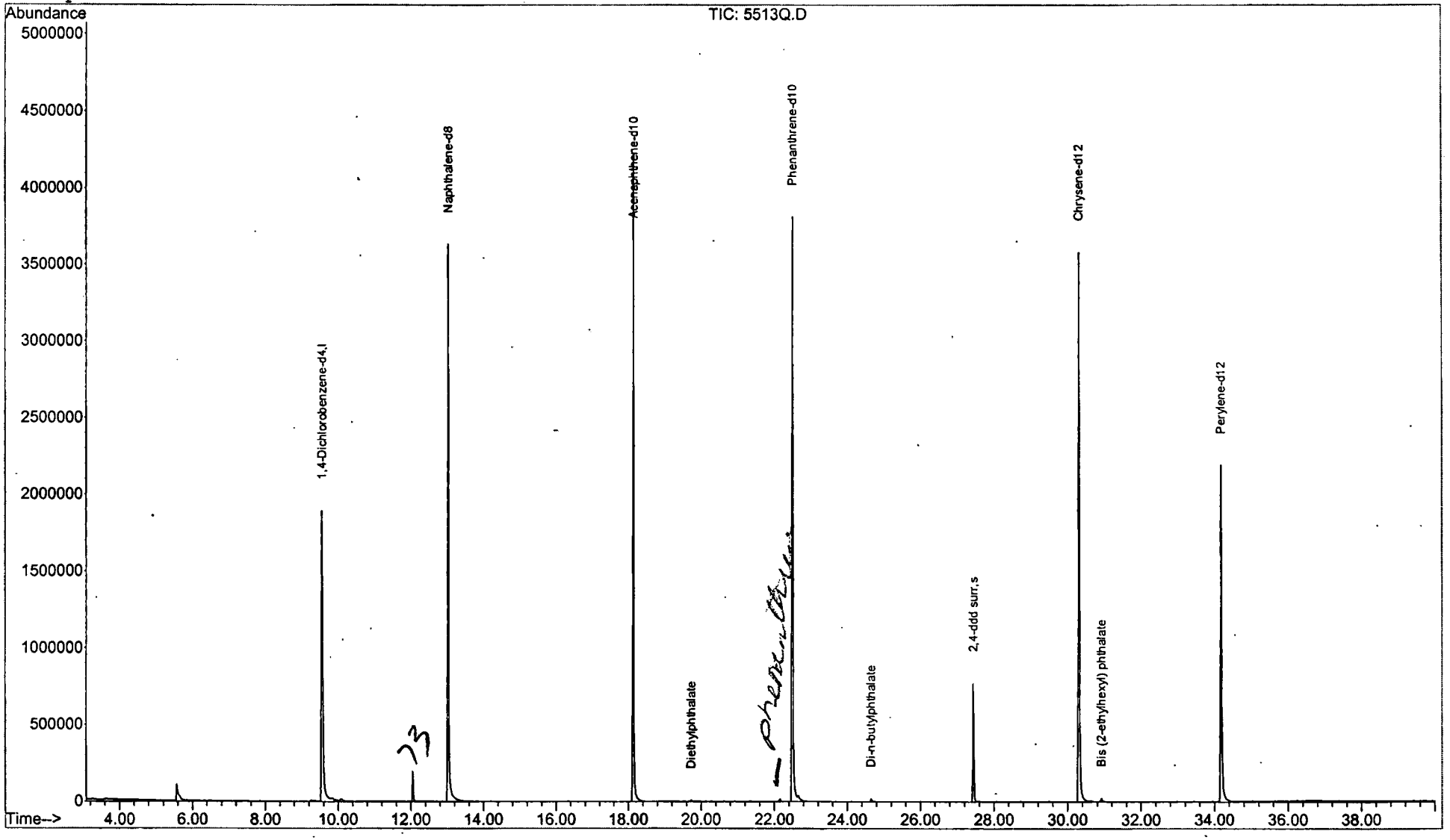
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	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
5513Q.D 5080302.M Mon Mar 25 06:54:07 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 6:53 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 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

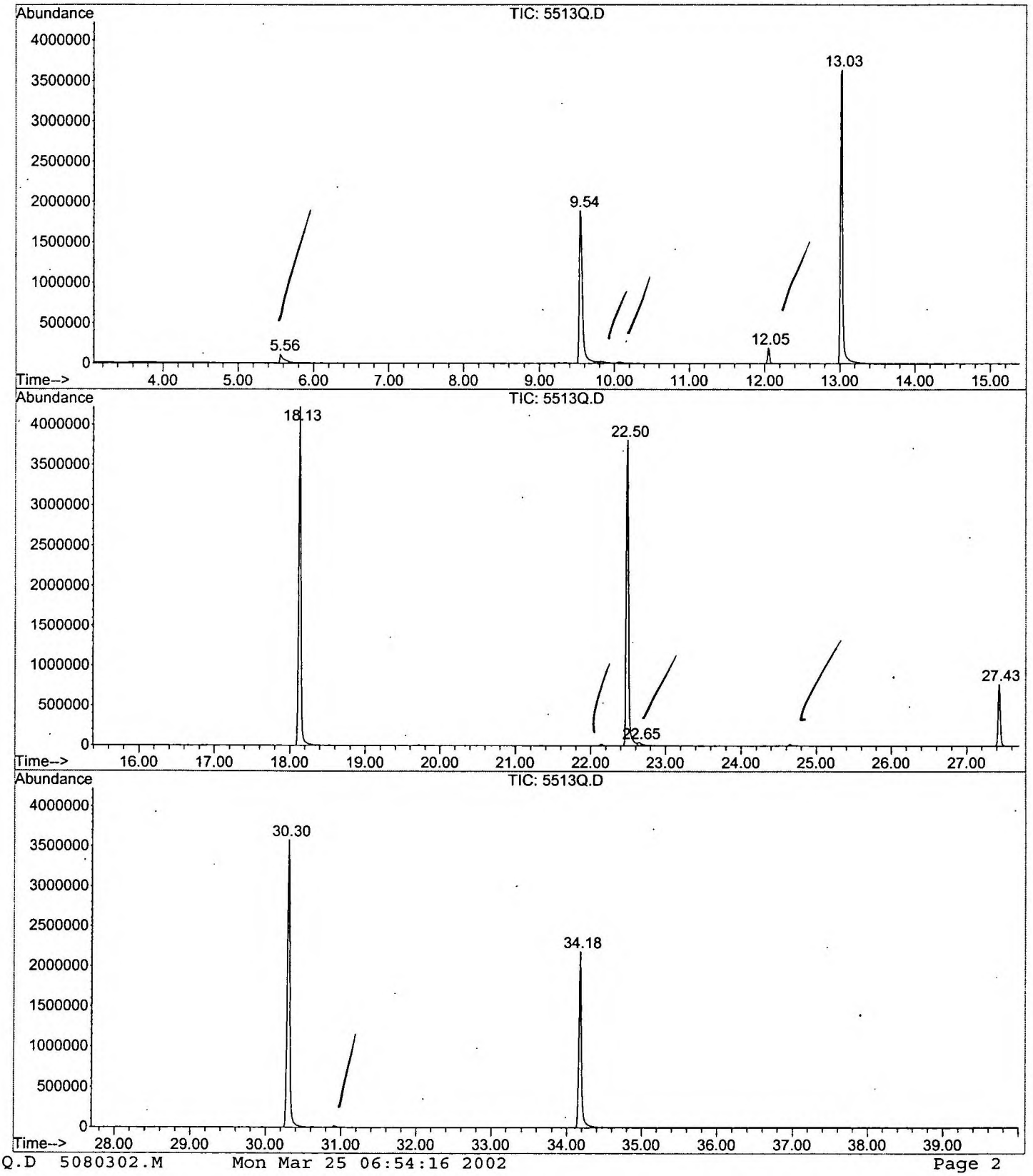
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	271	274	289	rBV	106763	383273	4.45%	0.820%
2	9.543	708	713	734	rBV	1889382	5583130	64.81%	11.945%
3	12.046	985	989	996	rBV2	193303	354915	4.12%	0.759%
4	13.026	1091	1097	1119	rBV	3631999	7880780	91.49%	16.861%
5	18.133	1654	1660	1681	rBV	4223610	8522271	98.93%	18.233%
6	22.495	2135	2141	2155	rBV2	3809837	8614178	100.00%	18.430%
7	22.649	2155	2158	2172	rVB3	37036	141903	1.65%	0.304%
8	27.430	2680	2685	2698	rBB	770298	1511242	17.54%	3.233%
9	30.305	2995	3002	3024	rBV2	3578965	8327477	96.67%	17.817%
10	34.178	3422	3429	3449	rBV2	2190130	5421031	62.93%	11.598%

Sum of corrected areas: 46740200

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5513Q.D
Operator : McLean
Acquired : 17 Mar 2002 7:24 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 14
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

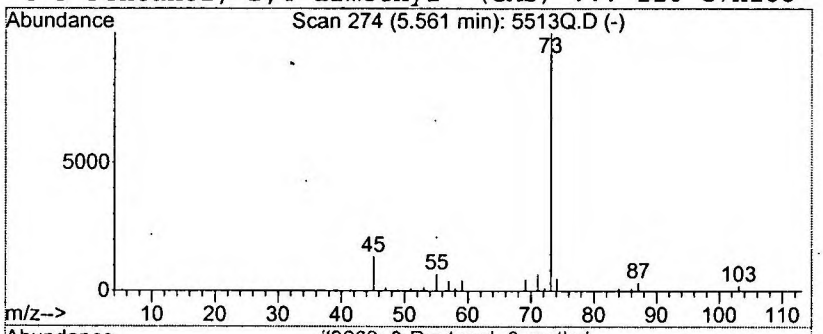
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

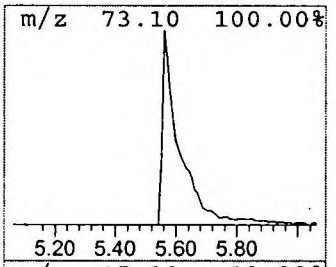
****

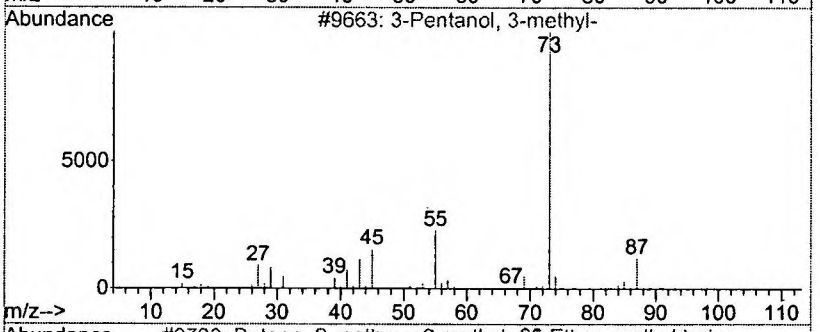
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

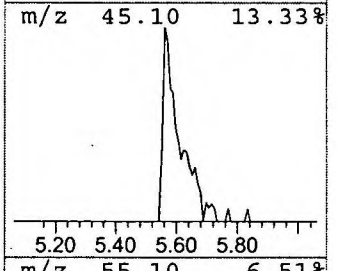
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.37 ug/L	383273	1,4-Dichlorobenzene-d4	9.54

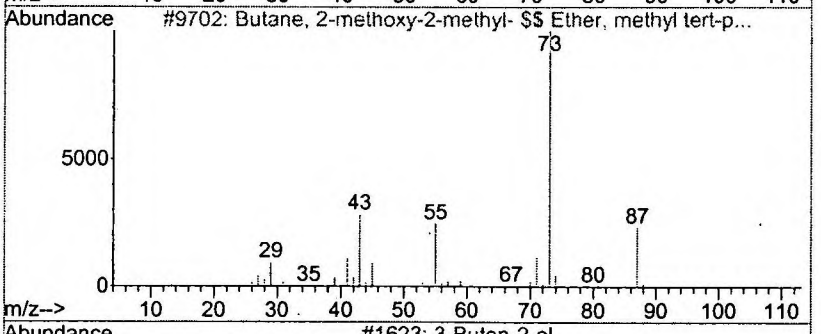
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	36
3	3-Buten-2-ol	72	C4H8O	000598-32-3	9
4	3-Pentanol, 2,4-dimethyl- (CAS) ...	116	C7H16O	000600-36-2	9

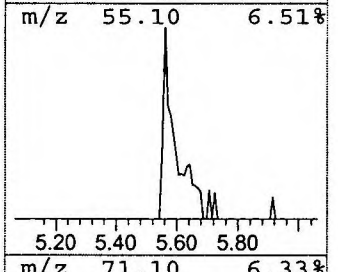


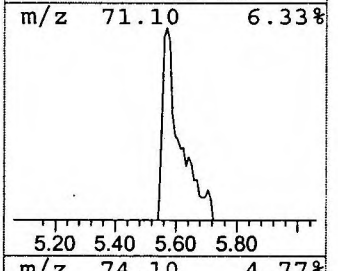


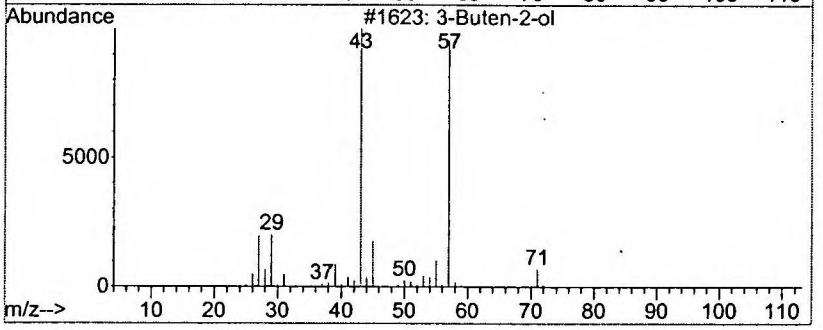


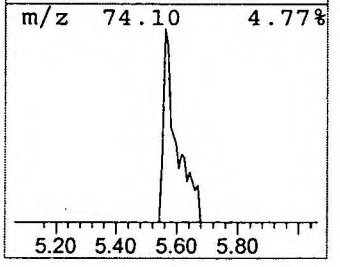












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5513Q.D Vial: 14
Acq On : 17 Mar 2002 7:24 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

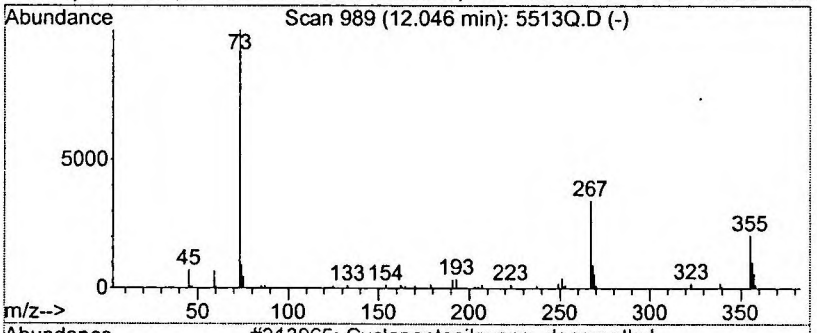
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

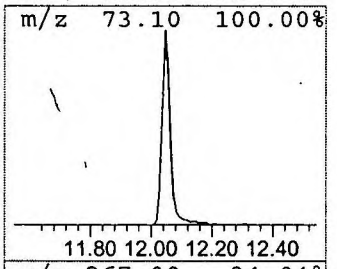
****

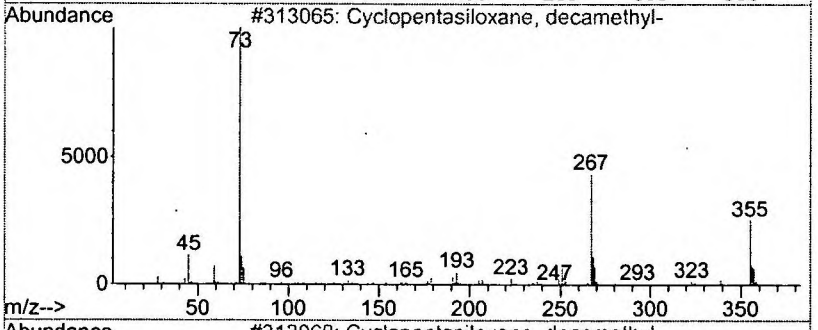
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

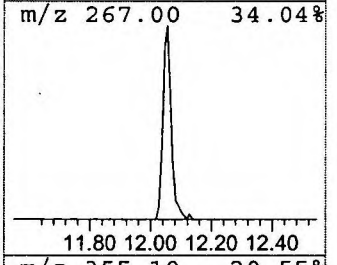
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.90 ug/L	354915	Naphthalene-d8	13.03

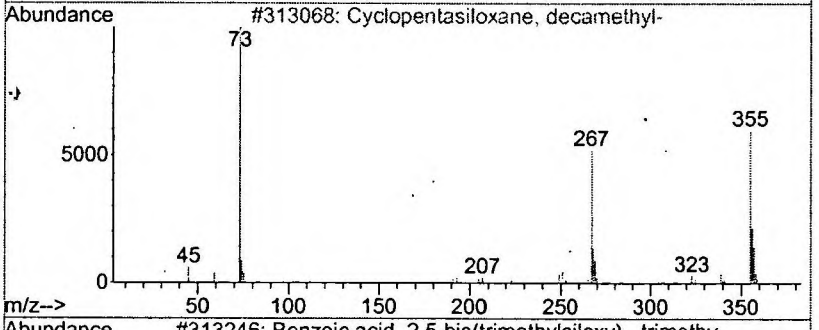
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	81
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
3	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	43
4	1,3-BIS(TRIMETHYLSILYLOXY)-2-TRI...	573	C24H51NO5Si5	000000-00-0	38

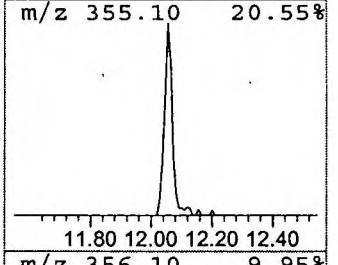


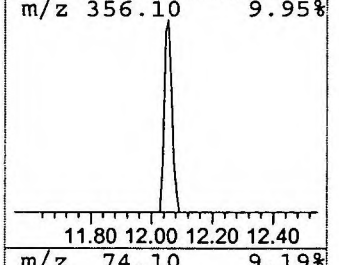


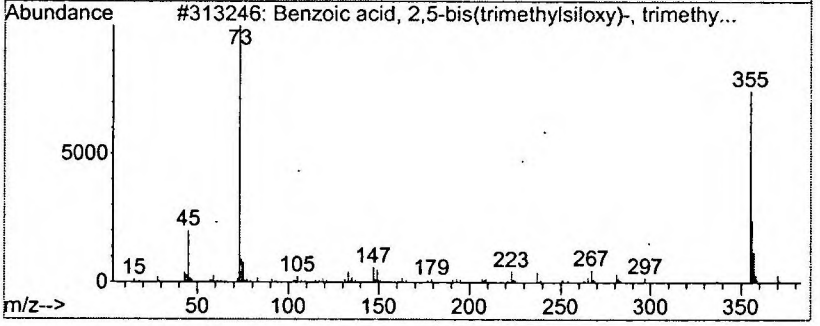


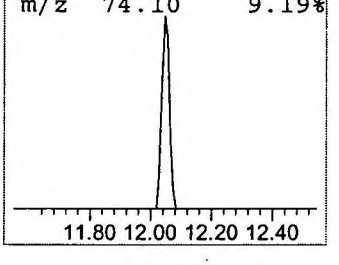












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 7:24 pm
Data File: C:\MSDCHEM\1\DATA\031702\5513Q.D
Name: 3/11/02
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
3-Pentanol, 3-met...	5.56	1.4	ug/L	383273	1	9.54	5583130	20.0
Cyclopentasiloxan...	12.05	0.9	ug/L	354915	2	13.03	7880780	20.0