User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 14:44:24

Sample: AE05305
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 14:44 Ended: 3/29/02 14:44 Analyst: DLV
Page: 1

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

Comments for Sample AE05305 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 14:44:37

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\5305.D Vial: 8
Acq On : 17 Mar 2002 2:31 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:46:20 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	9.55	150	1422423	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3846353	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2126273	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3204946	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2961239	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1581893	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	288615	7.55	ug/L	0.00
Spiked Amount 5.000			Recovery = 151.00%			
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	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	40978	0.24	ug/L	98
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	33488	0.29	ug/L	94
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\5305.D Vial: 8
Acq On : 17 Mar 2002 2:31 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:46:20 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.	

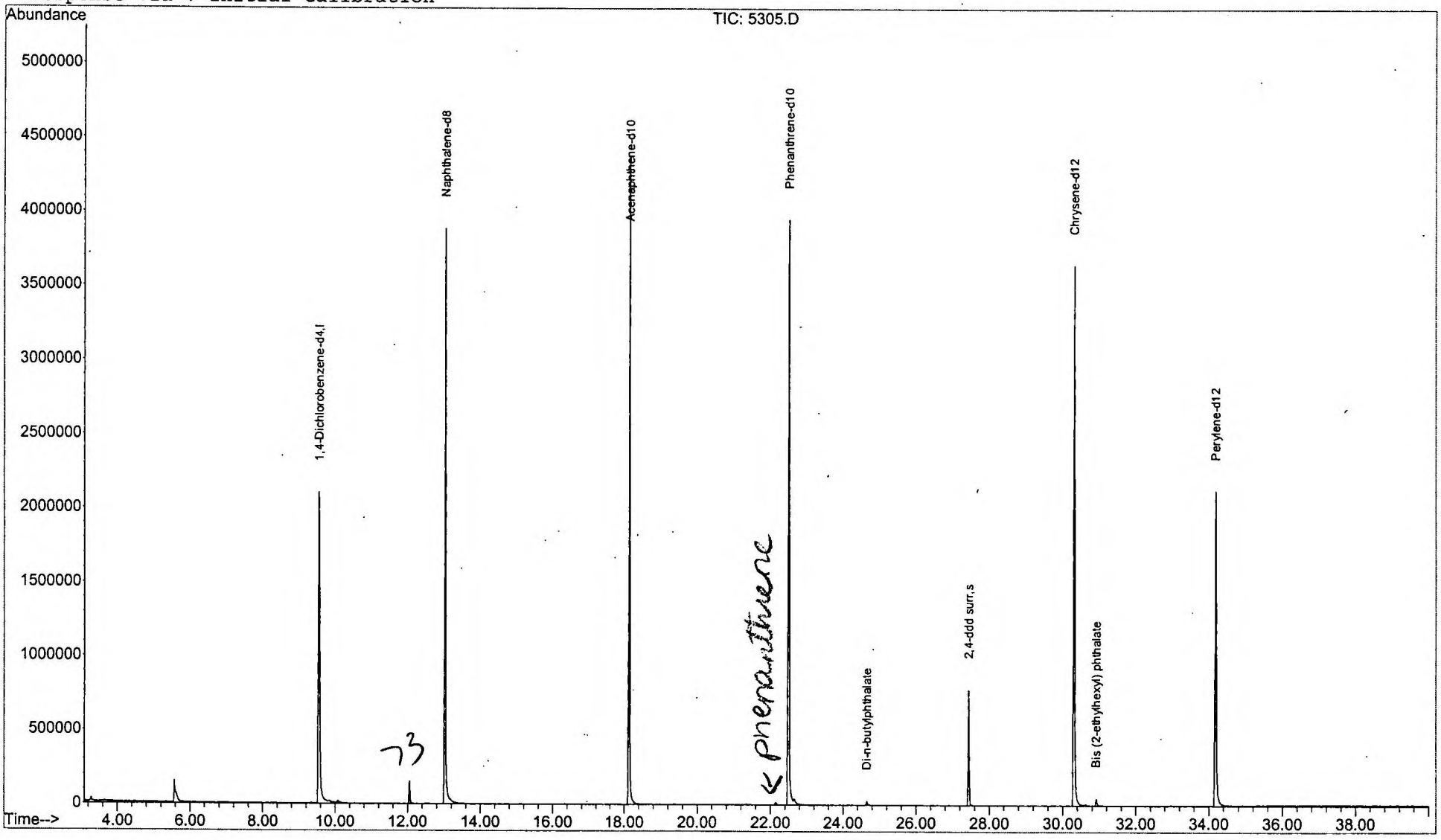
(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\031702\5305.D
Acq On : 17 Mar 2002 2:31 pm
Sample : 3/11/02
Misc :
MS Integration Params: BENZO.P
Quant Time: Mar 25 6:47 2002

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

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



5305.D 5080302.M Mon Mar 25 06:47:44 2002

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031702\5305.D Vial: 8
Acq On : 17 Mar 2002 2:31 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

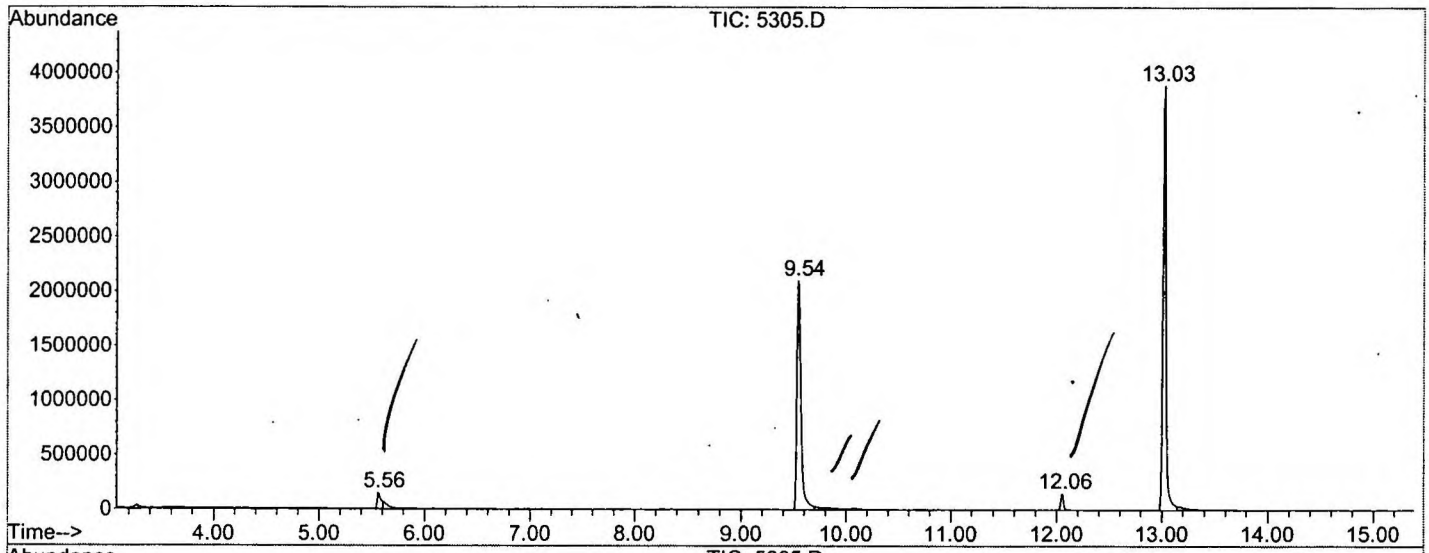
Signal : TIC

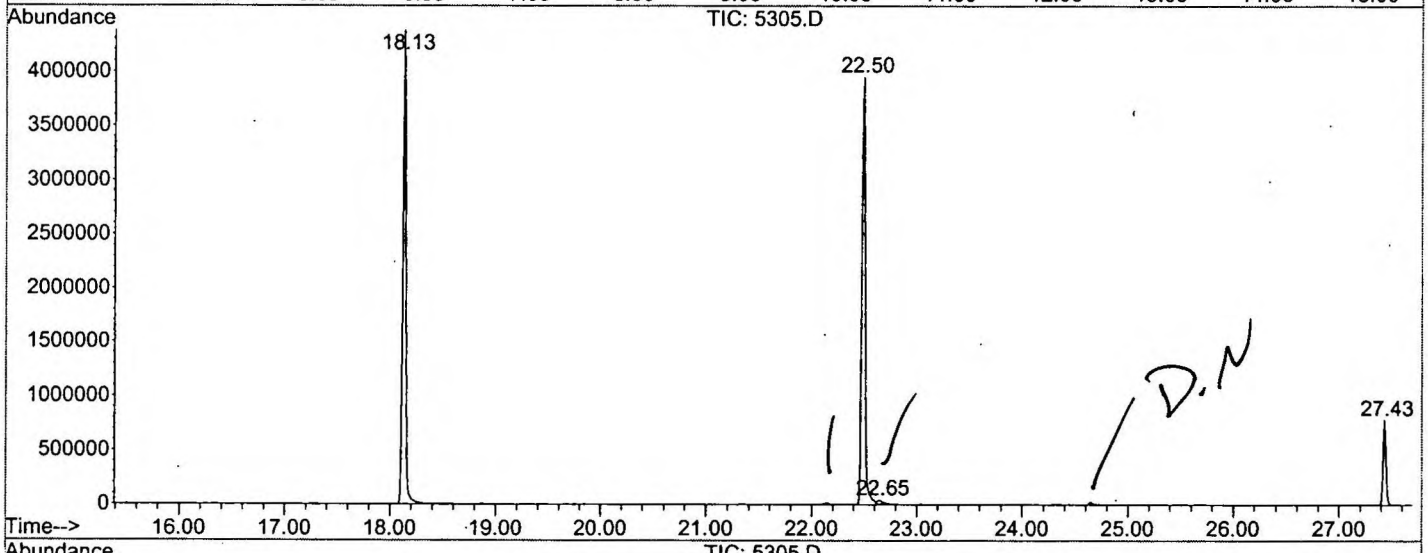
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	271	274	279	rBV	147517	346963	3.91%	0.728%
2	9.543	708	713	730	rBV	2099456	5797136	65.28%	12.159%
3	12.056	985	990	997	rBV	151265	280018	3.15%	0.587%
4	13.026	1091	1097	1110	rBV	3883179	8118916	91.43%	17.029%
5	18.133	1654	1660	1685	rBV	4373370	8814047	99.25%	18.487%
6	22.495	2134	2141	2154	rBV2	3949905	8880223	100.00%	18.626%
7	22.650	2154	2158	2166	rVB2	33547	119528	1.35%	0.251%
8	27.430	2681	2685	2694	rBV	778823	1504974	16.95%	3.157%
9	30.305	2995	3002	3021	rBV2	3639014	8539130	96.16%	17.911%
10	30.913	3064	3069	3079	rVB	46639	117279	1.32%	0.246%
11	34.178	3422	3429	3442	rBV2	2123663	5157644	58.08%	10.818%

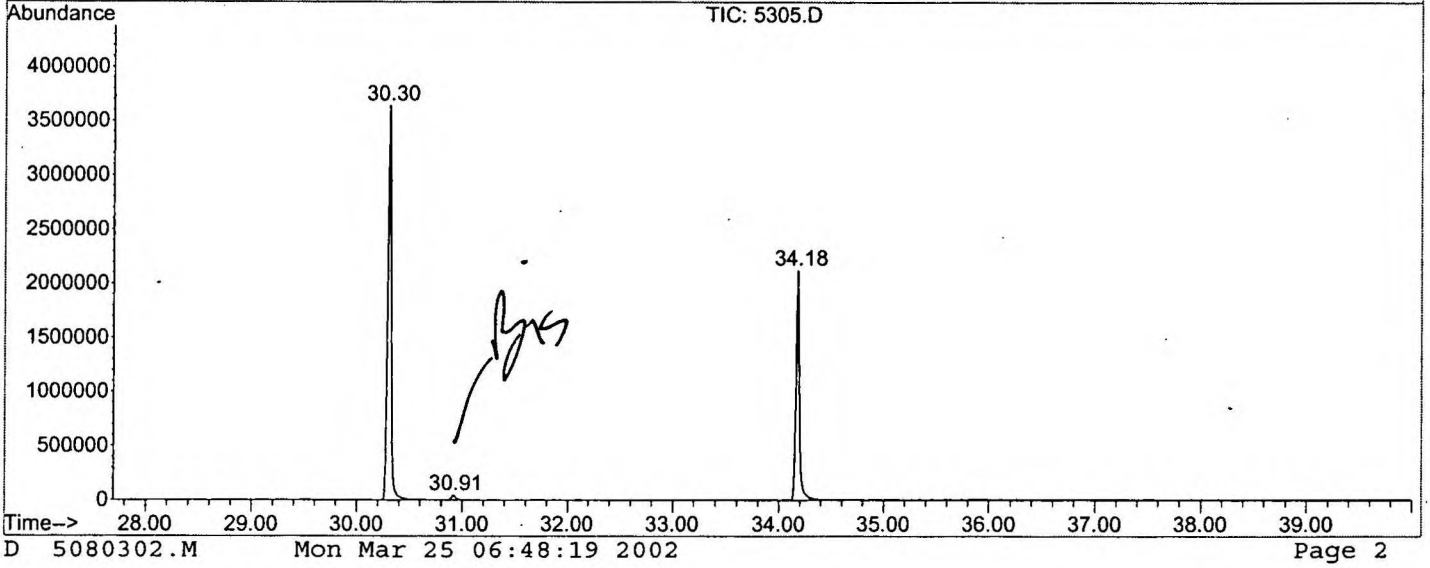
Sum of corrected areas: 47675858

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5305.D
Operator : McLean
Acquired : 17 Mar 2002 2:31 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 8
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5305.D Vial: 8
Acq On : 17 Mar 2002 2:31 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

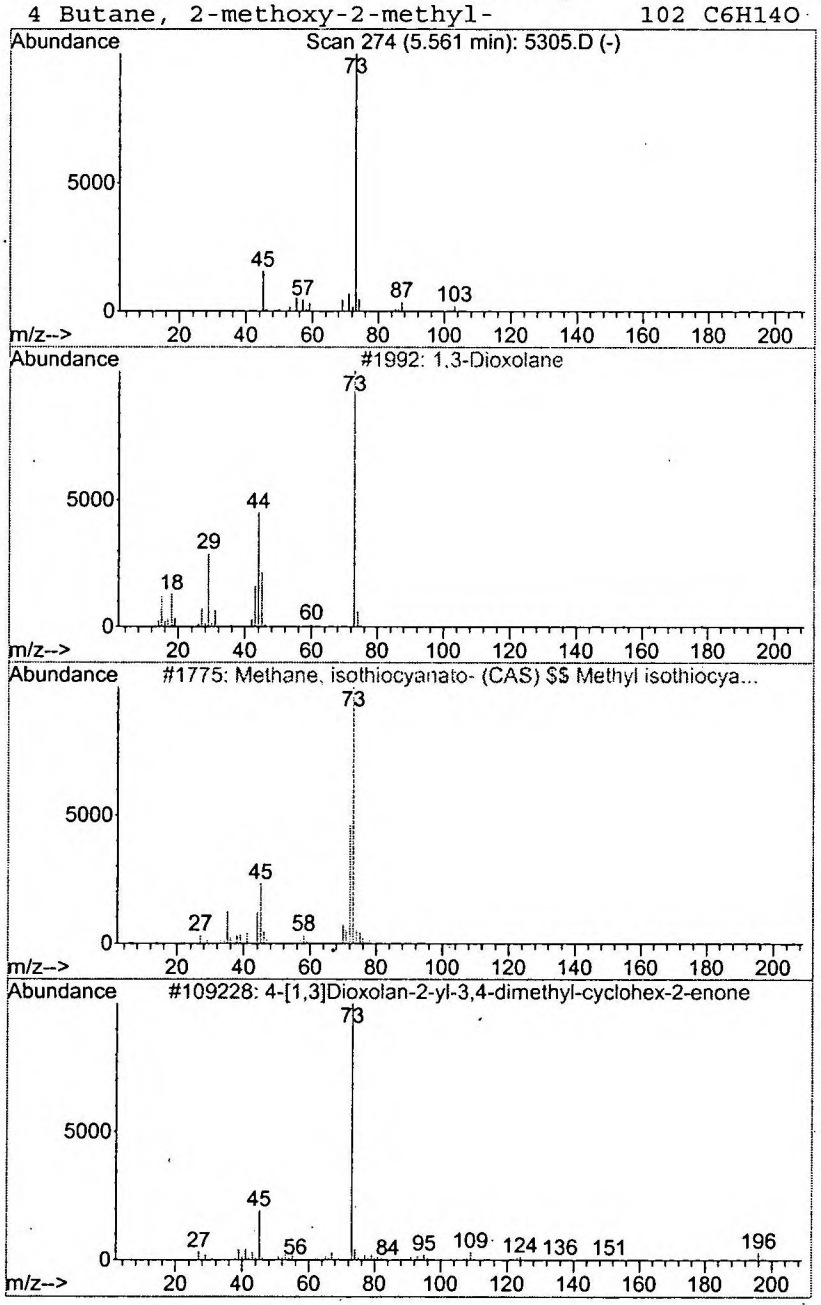
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

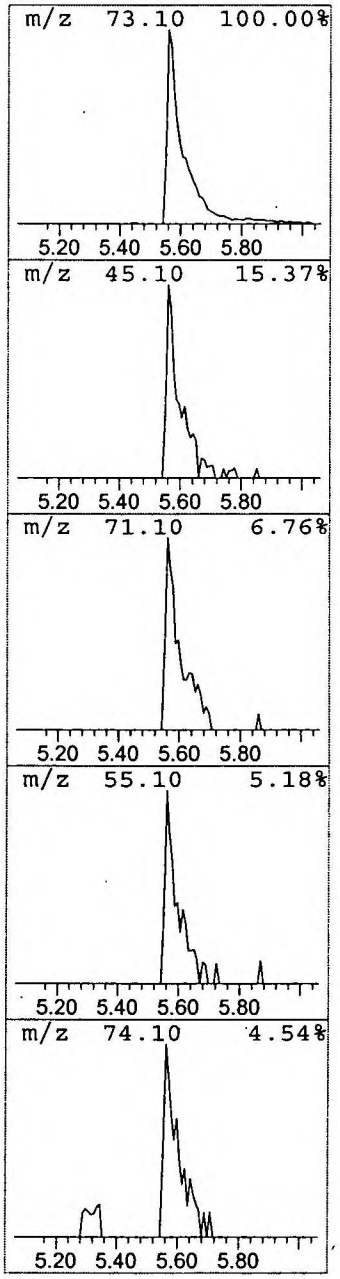
****

Peak Number 1 1,3-Dioxolane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.20 ug/L	346963	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	9
2	Methane, isothiocyanato- (CAS) $...	73	C2H3NS	000556-61-6	9
3	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5305.D Vial: 8
Acq On : 17 Mar 2002 2:31 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

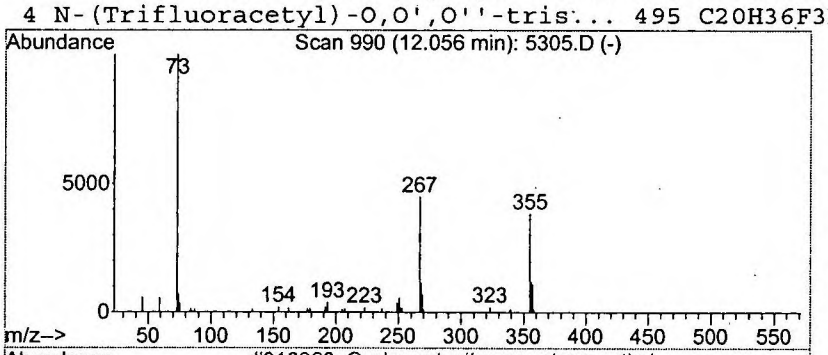
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

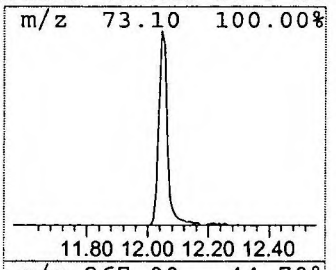
****

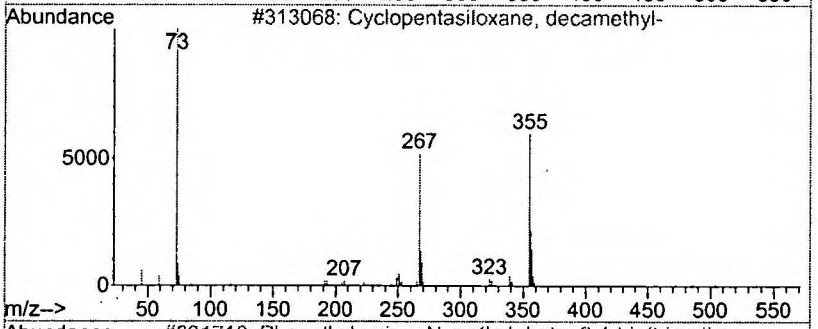
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

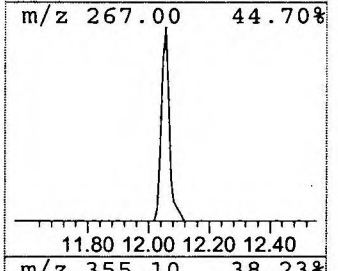
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.69 ug/L	280018	Naphthalene-d8	13.03

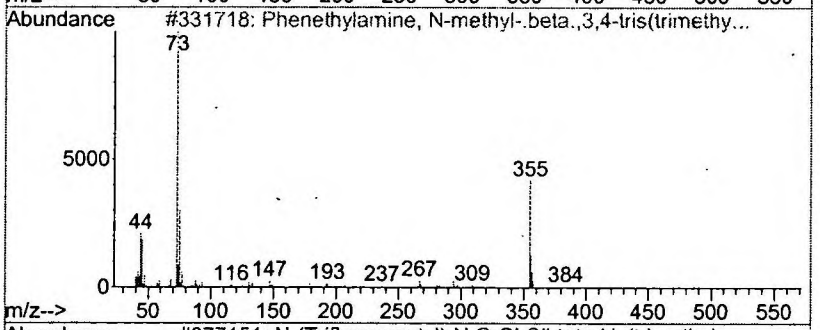
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
3	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38
4	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38

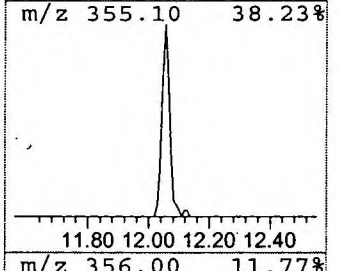


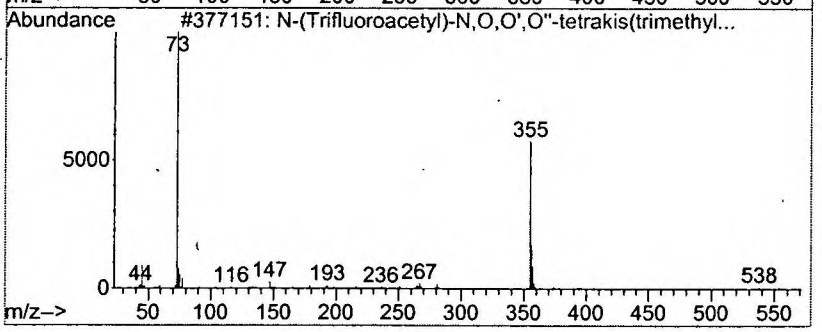


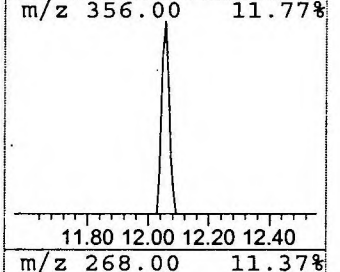


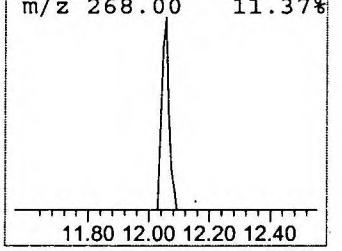












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 2:31 pm
Data File: C:\MSDCHEM\1\DATA\031702\5305.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
1,3-Dioxolane	5.56	1.2	ug/L	346963	1	9.55	5797140	20.0
Cyclopentasiloxan...	12.06	0.7	ug/L	280018	2	13.03	8118920	20.0