User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 08:47:54

Sample: AE02149
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/21/02 08:47 Ended: 3/21/02 08:47 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		108		5.0

Comments for Sample AE02149 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-21-2002 Time: 08:48:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 9 of 43 compounds in the LCS Standard were above their acceptance ranges, while one was below. This sample was extracted and analyzed twice because the LCS Standard was low the first time. Surrogate Standard recoveries where acceptable both times.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2149.D Vial: 27
Acq On : 19 Mar 2002 11:26 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 02:27:11 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	1459966	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4025989	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2198655	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3342687	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2824351	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1548163	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	216142	5.42	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.40%			
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	18.13	165	284569	11.16	ug/L #	25
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	9819	0.06	ug/L	79
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	29.05	149	2662	0.03	ug/L	76
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.90	149	12257	0.11	ug/L	92
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\031802\2149.D Vial: 27
Acq On : 19 Mar 2002 11:26 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 02:27:11 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

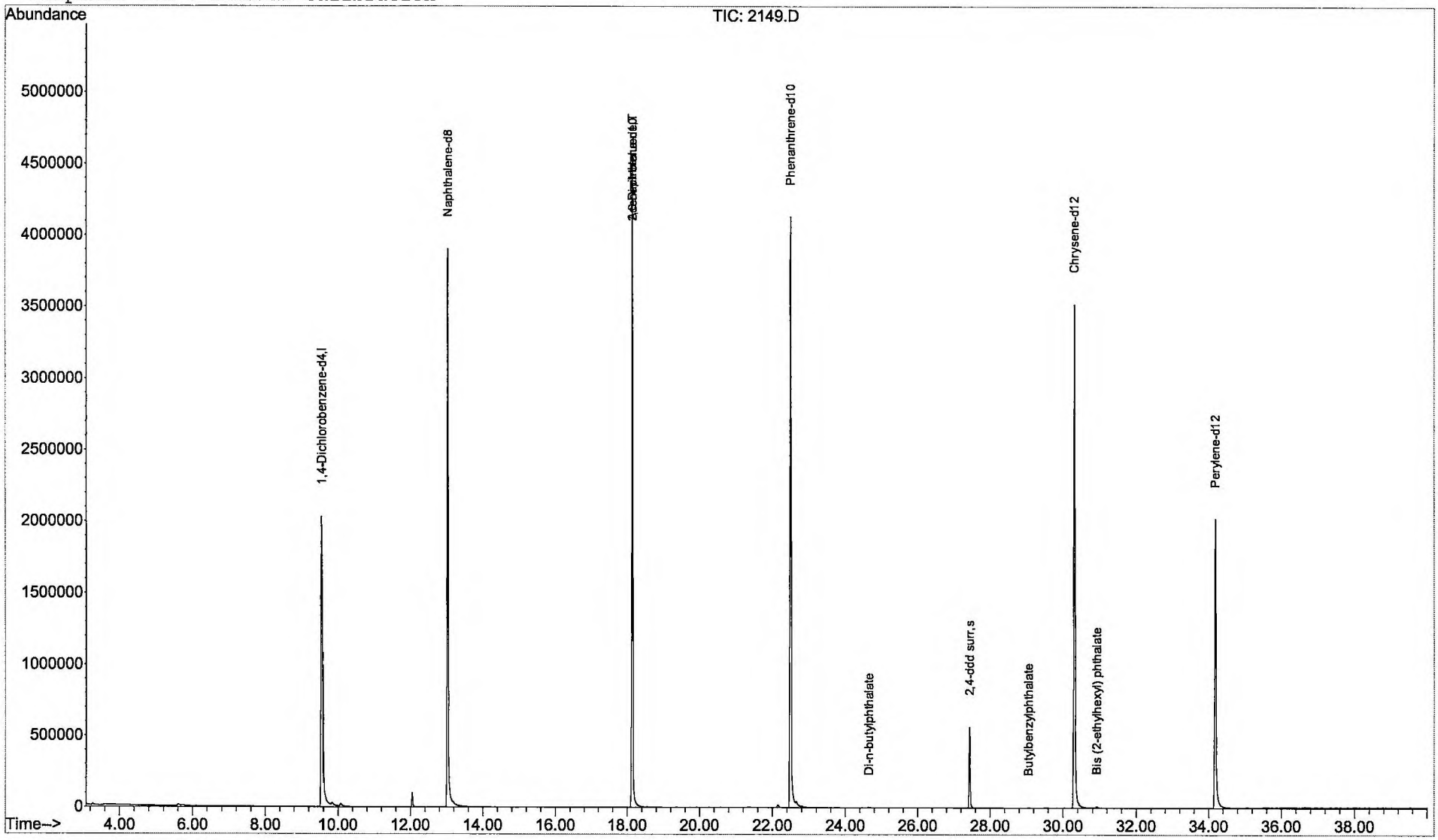
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
2149.D 5080302.M Wed Mar 20 06:57:01 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2149.D Vial: 27
Acq On : 19 Mar 2002 11:26 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 6:56 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\031802\2149.D Vial: 27
Acq On : 19 Mar 2002 11:26 pm Operator: McLean
Sample : GC/MS SCAN 3/8 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

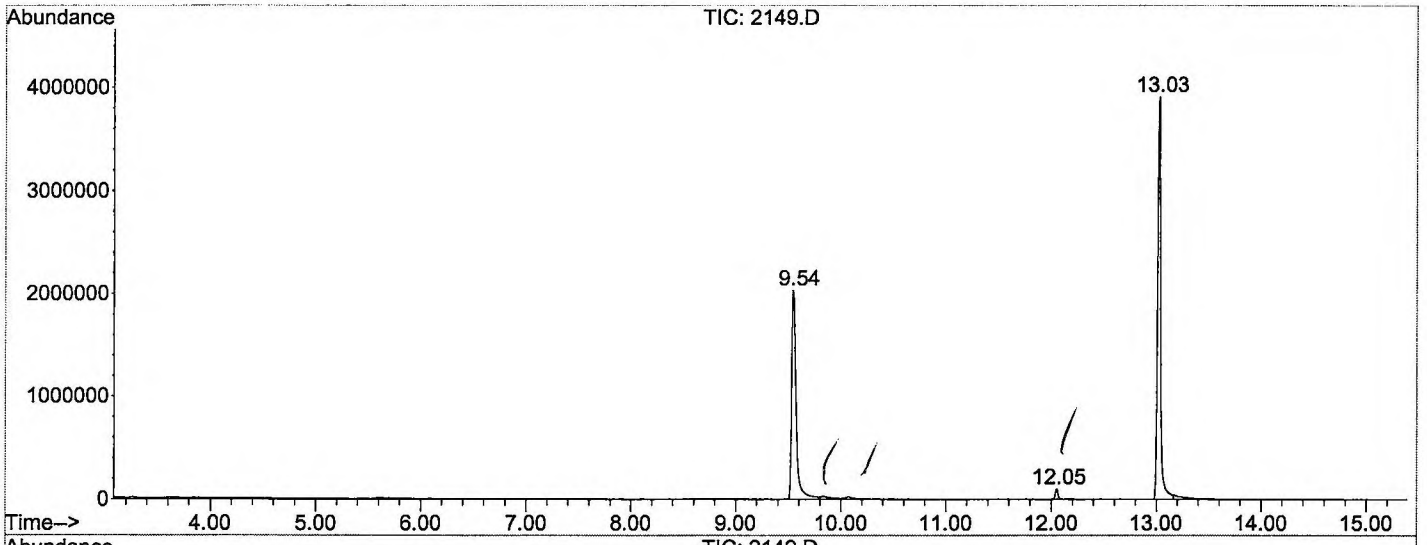
Signal : TIC

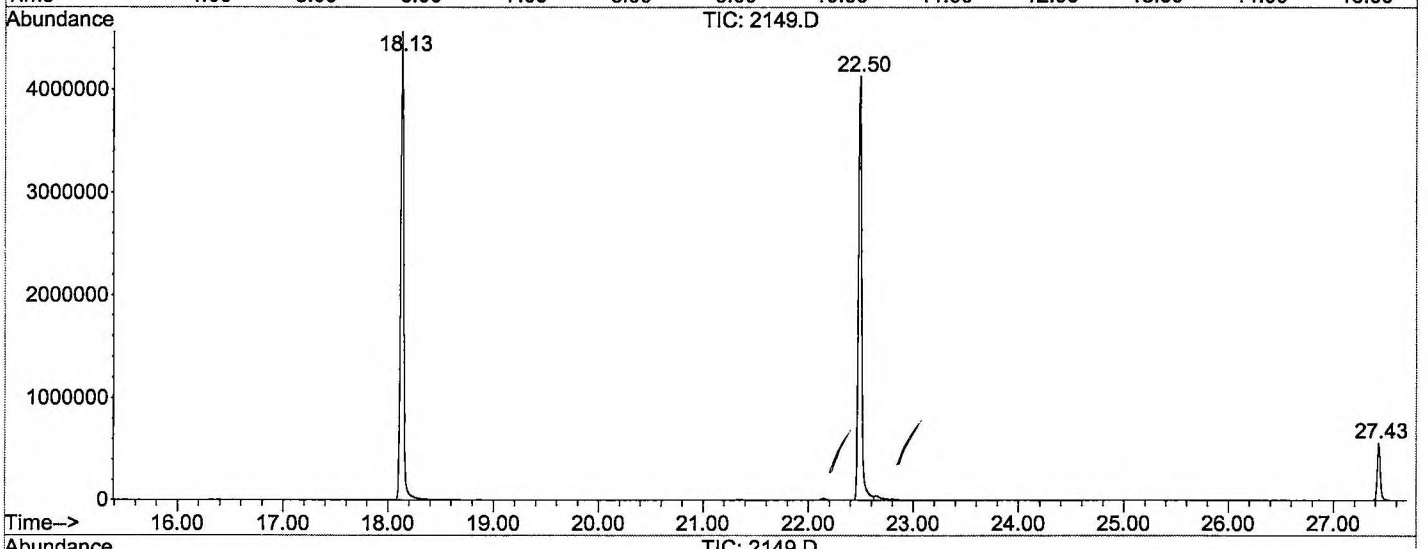
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	708	713	741	rBV	2029367	6146807	66.69%	12.906%
2	12.047	986	989	998	rBV	97635	172786	1.87%	0.363%
3	13.026	1091	1097	1112	rBV	3905085	8522347	92.46%	17.893%
4	18.133	1654	1660	1679	rBV	4559694	9203029	99.85%	19.323%
5	22.495	2134	2141	2155	rBV2	4130883	9216896	100.00%	19.352%
6	27.430	2680	2685	2698	rVB	562671	1131643	12.28%	2.376%
7	30.305	2995	3002	3017	rBV2	3516440	8150756	88.43%	17.113%
8	34.178	3422	3429	3446	rBV	2021837	5084031	55.16%	10.674%

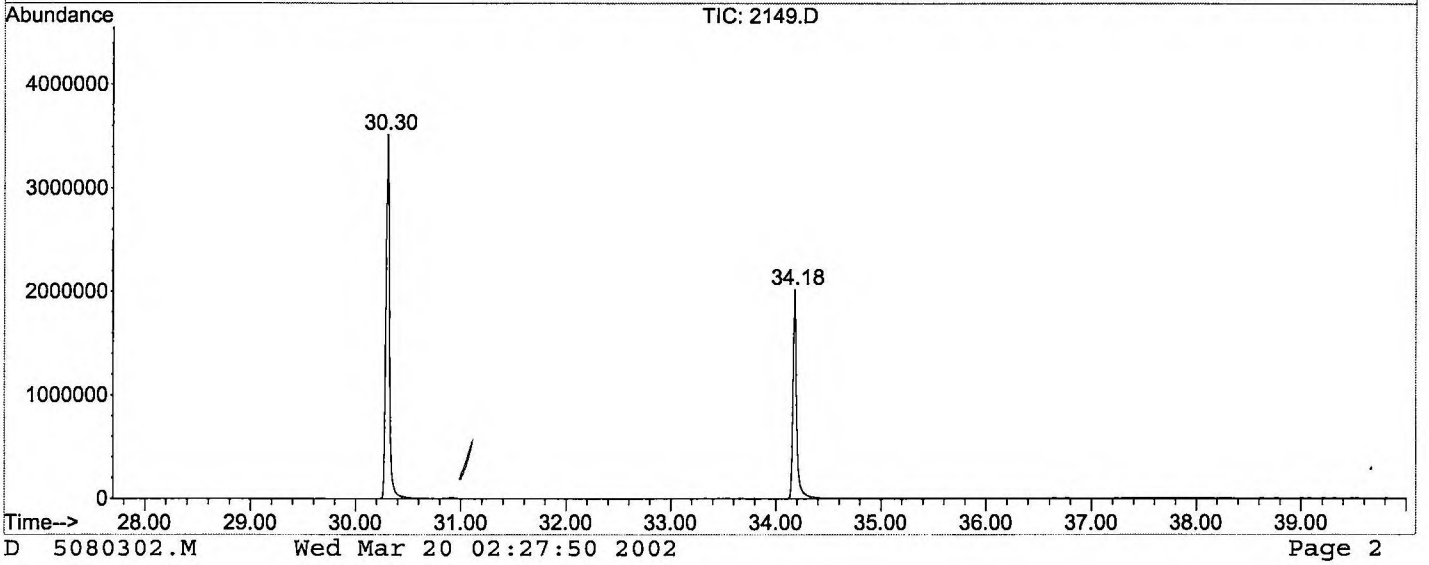
Sum of corrected areas: 47628295

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\2149.D
Operator : McLean
Acquired : 19 Mar 2002 11:26 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC/MS SCAN 3/8
Misc Info :
Vial Number: 27
Quant File :5080302.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031802\2149.D Vial: 27
Acq On : 19 Mar 2002 11:26 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

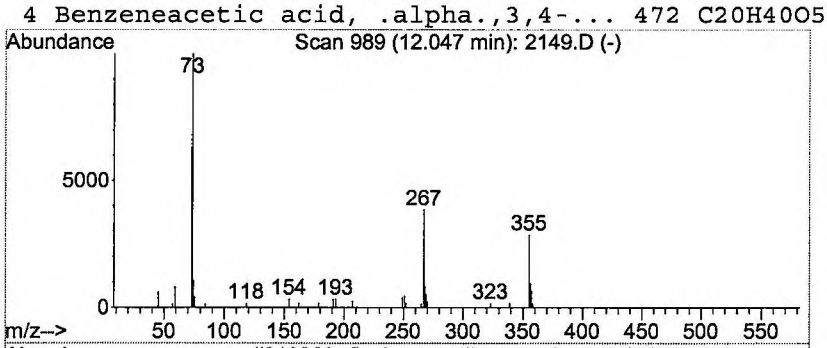
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

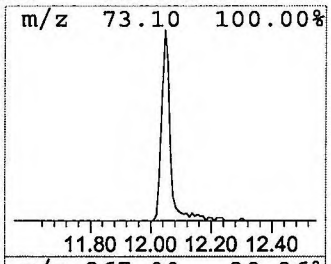
****

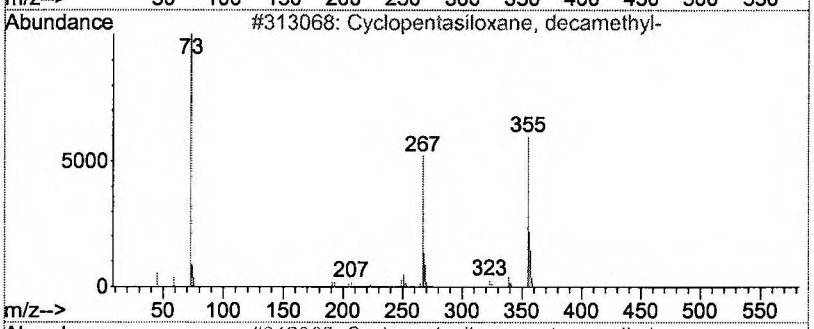
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

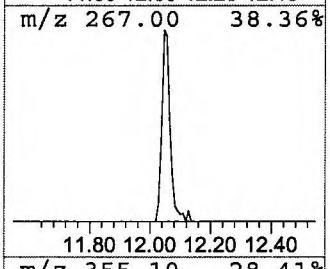
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.41 ug/L	172786	Naphthalene-d8	13.03

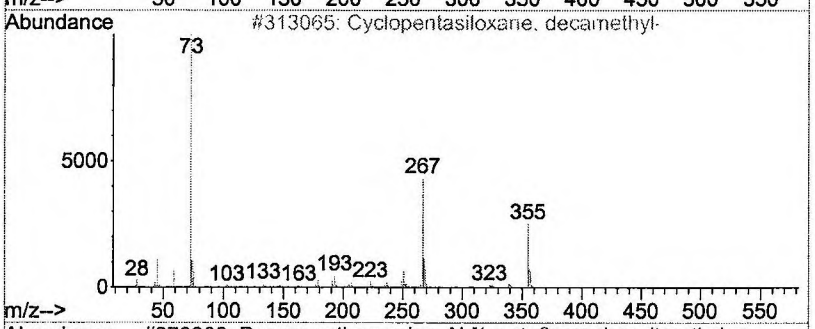
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43
3	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	38
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	37

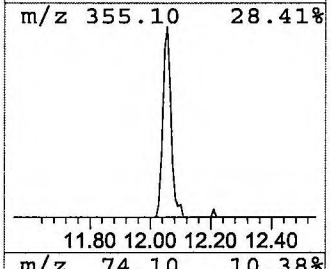


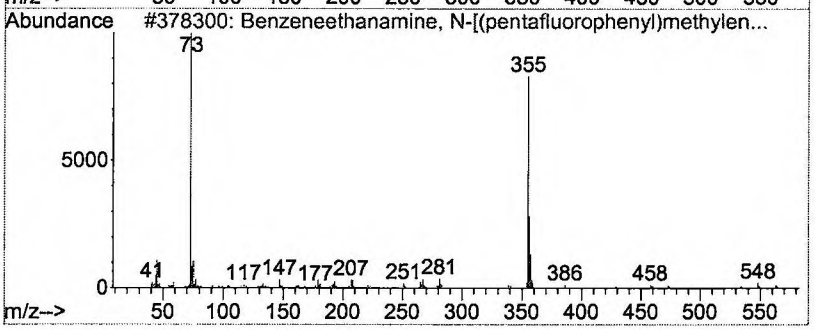


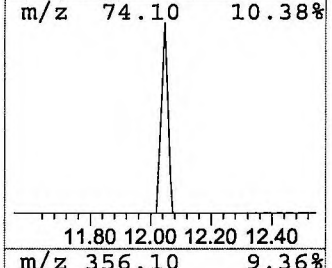


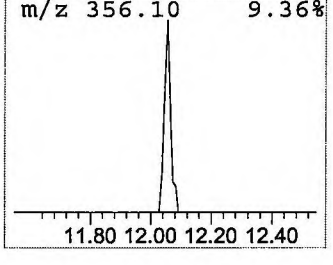












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 11:26 pm
Data File: C:\MSDCHEM\1\DATA\031802\2149.D
Name: GC/MS SCAN 3/8
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
Cyclopentasiloxan...	12.05	0.4	ug/L	172786	2	13.03	8522350	20.0