User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 08:43:40

Sample: AE02147
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/21/02 08:43 Ended: 3/21/02 08:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		122		5.0

Comments for Sample AE02147 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-21-2002 Time: 08:44:11

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\2147.D Vial: 25
Acq On : 19 Mar 2002 9:48 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 02:20:30 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	1343822	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3705625	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2078301	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3194474	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3049423	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1656747	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	231597	6.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 121.60%			
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	18.13	165	270332	11.22	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	14174	0.08	ug/L	79
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	29.06	149	3665	0.04	ug/L	63
41) Benzo (a) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.91	149	17335	0.15	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\031802\2147.D Vial: 25
Acq On : 19 Mar 2002 9:48 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 02:20:30 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

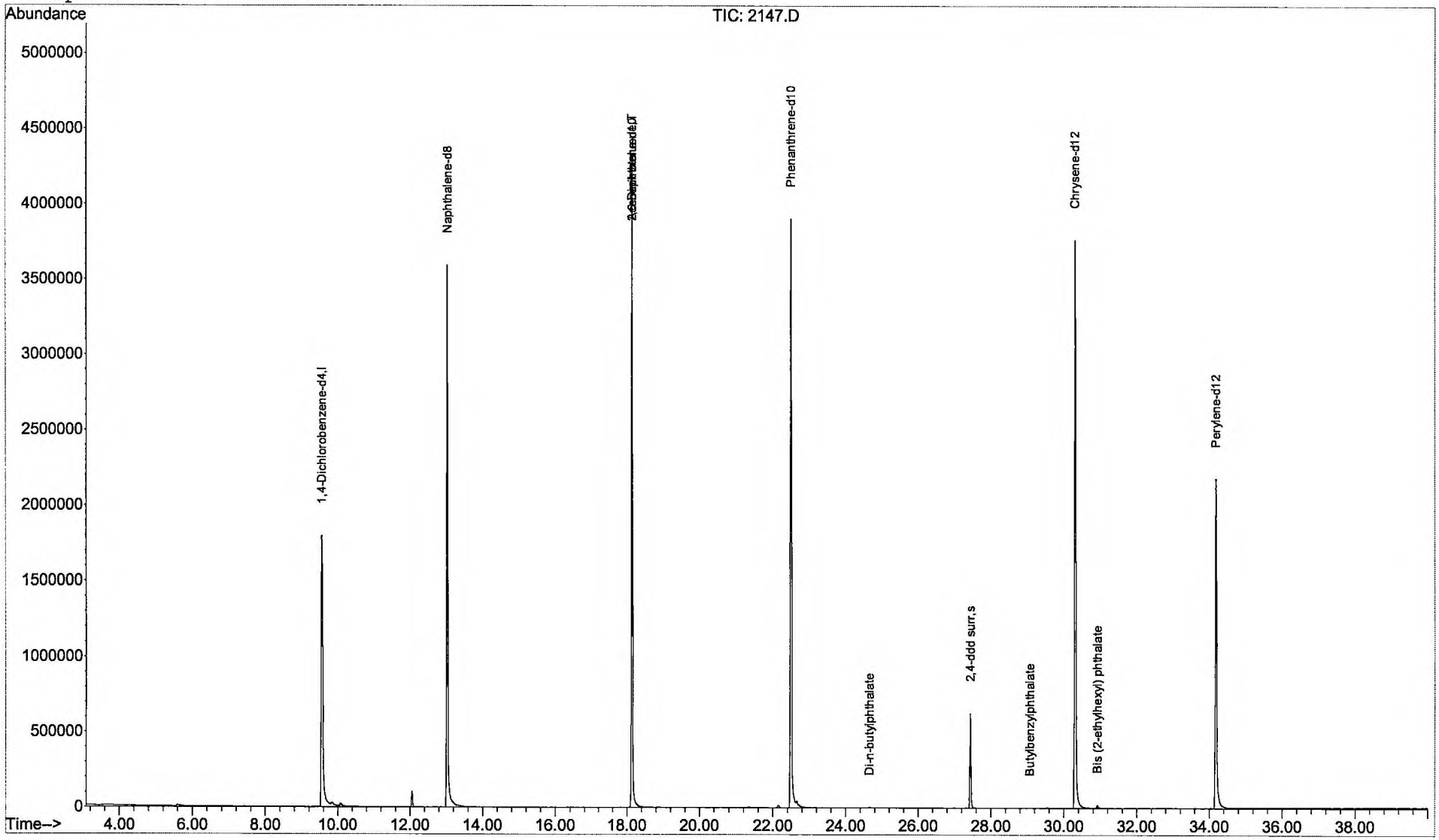
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.		
48) Benzo (a) pyrene	0.00	252	0	N.D.	d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\2147.D Vial: 25
Acq On : 19 Mar 2002 9:48 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 2:21 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\2147.D Vial: 25
Acq On : 19 Mar 2002 9:48 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

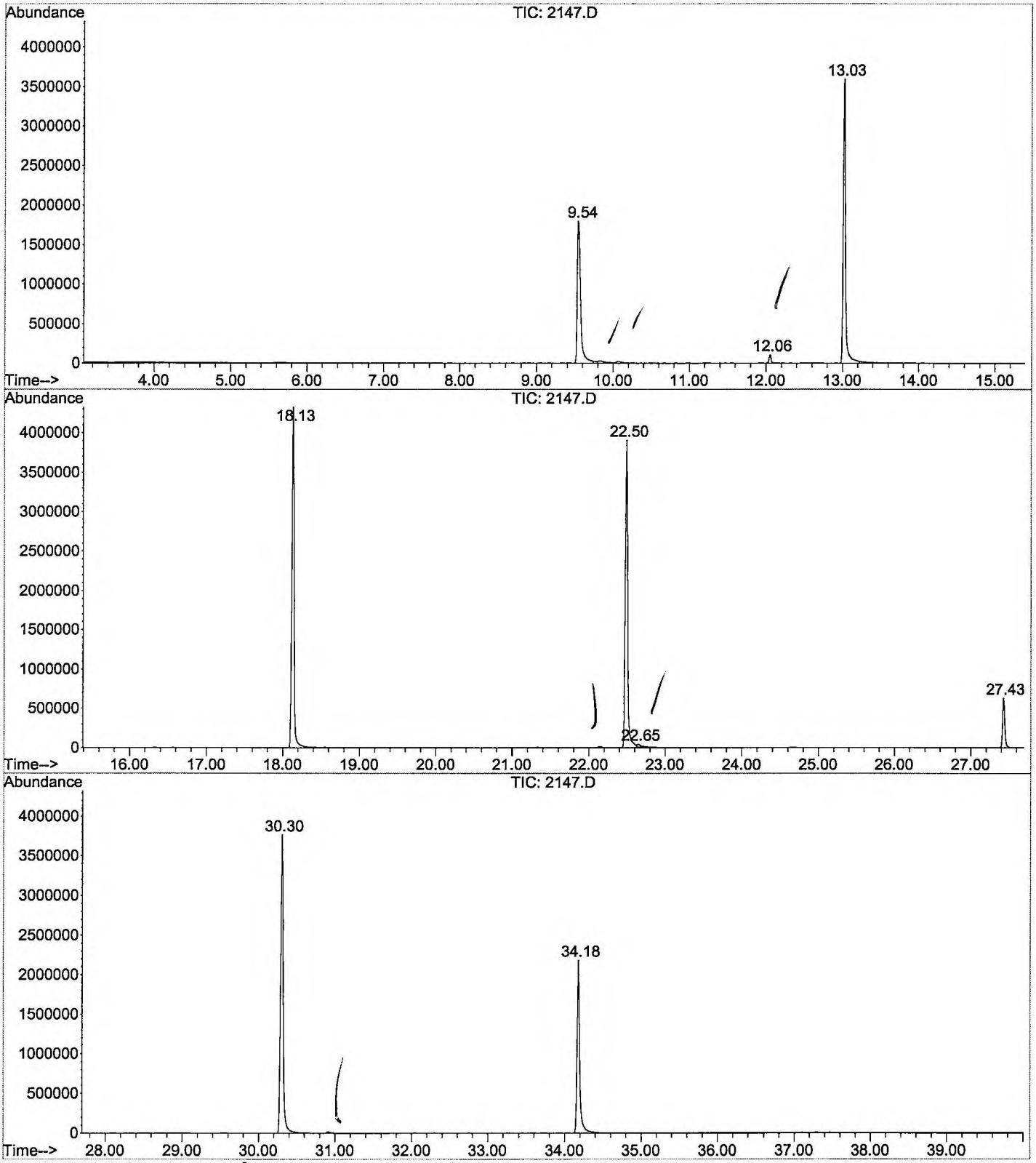
Signal : TIC

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	735	rBV	1796544	5620993	63.04%	11.952%
2	12.056	984	990	995	rBV2	105390	200694	2.25%	0.427%
3	13.026	1091	1097	1119	rBV	3595330	7967451	89.36%	16.941%
4	18.133	1654	1660	1682	rBV	4325111	8639498	96.90%	18.370%
5	22.495	2135	2141	2155	rBV2	3905283	8811203	98.82%	18.735%
6	22.650	2155	2158	2173	rVB3	37871	152063	1.71%	0.323%
7	27.430	2680	2685	2696	rBV	627655	1228972	13.78%	2.613%
8	30.305	2995	3002	3022	rBV2	3766503	8916143	100.00%	18.958%
9	34.178	3423	3429	3452	rBV2	2181299	5493311	61.61%	11.680%

Sum of corrected areas: 47030328

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\2147.D
Operator : McLean
Acquired : 19 Mar 2002 9:48 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC/MS SCAN 3/8
Misc Info :
Vial Number: 25
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031802\2147.D Vial: 25
Acq On : 19 Mar 2002 9:48 pm Operator: McLean
Sample : GC/MS SCAN 3/8 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

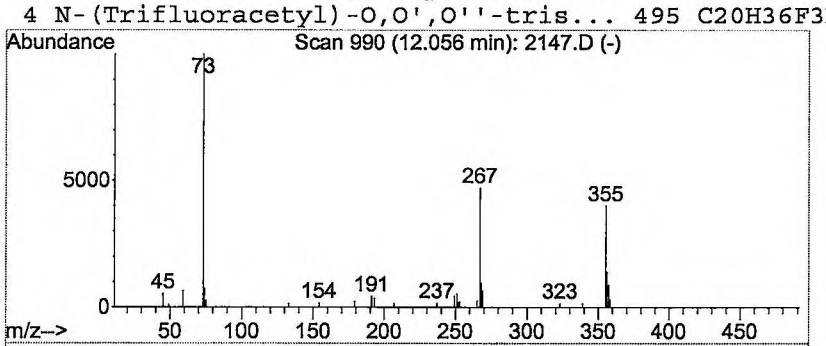
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

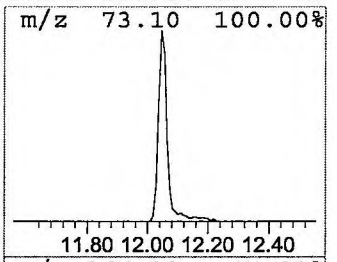
****

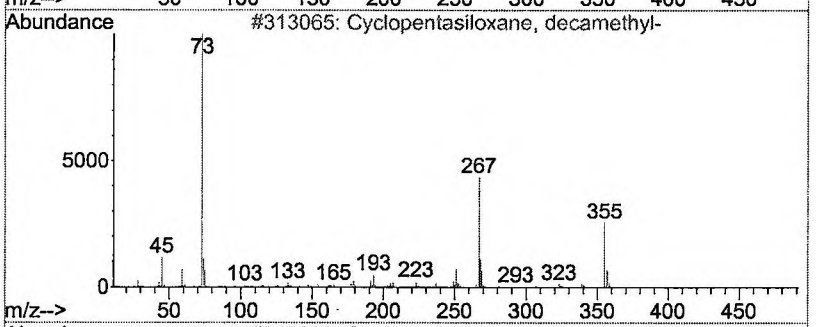
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 1

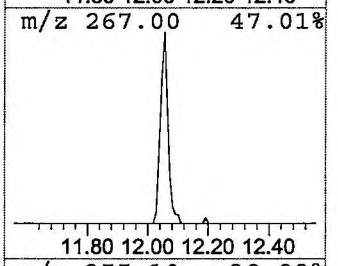
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.50 ug/L	200694	Naphthalene-d8	13.03

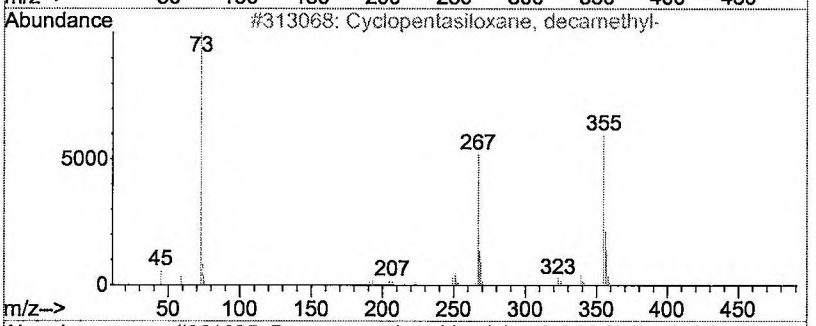
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	43
4	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	43

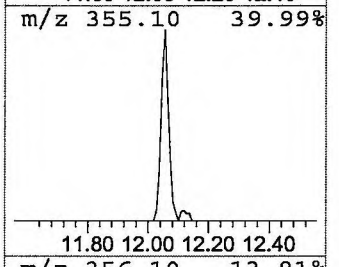


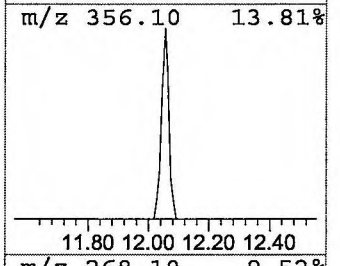


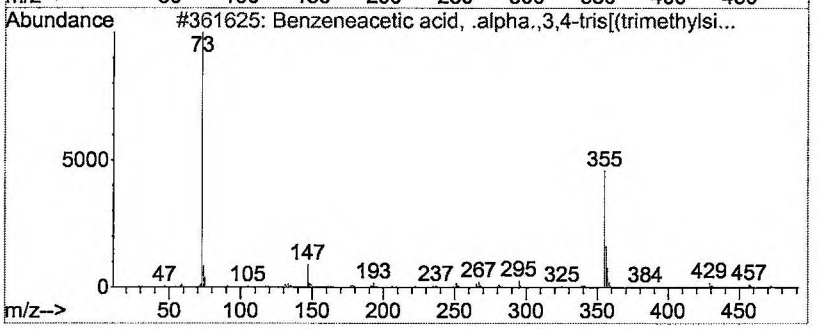


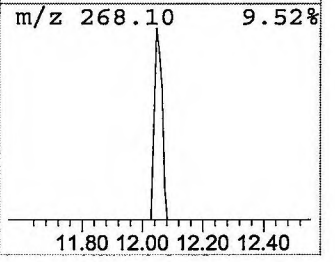












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 9:48 pm
Data File: C:\MSDCHEM\1\DATA\031802\2147.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...	12.06	0.5	ug/L	200694	2	13.03	7967450	20.0