User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 17:00:56

Sample: AE05034
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 17:00 Ended: 3/29/02 17:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE05034 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 17:01:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 1of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\5034.D Vial: 26
Acq On : 27 Mar 2002 10:31 am Operator:
Sample : gc/ms scan 3/7 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:30 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	642100	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2419711	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1294056	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1849046	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	927453	20.00	ug/l	-0.14
44) Perylene-d12	37.94	264	524717	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.72	235	78099	4.21	ug/mL	0.22
Spiked Amount 5.000			Recovery = 84.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.44	74	210	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	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-Chloropropan	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)methane	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.45	165	378	N.D.		
25) Diethylphthalate	22.67	149	194	N.D.		
26) 4-Chlorophenyl-phenylether	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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\5034.D Vial: 26
Acq On : 27 Mar 2002 10:31 am Operator:
Sample : gc/ms scan 3/7 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:30 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

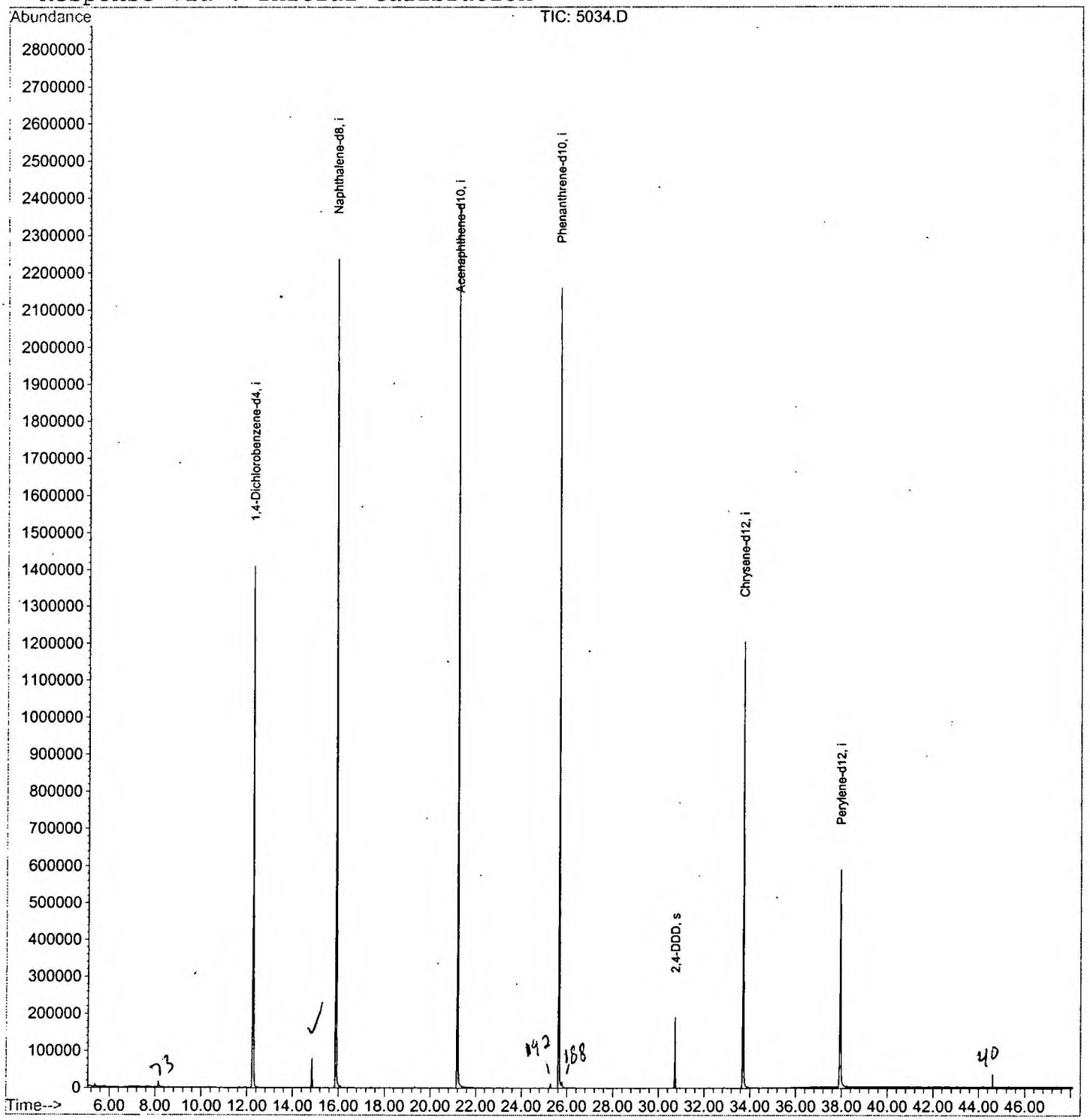
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	451	N.D.	
34)	Anthracene	25.64	178	451	N.D.	
35)	Di-n-butylphthalate	27.60	149	1405	N.D.	
36)	Fluoranthene	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)anthracene	33.70	228	2107	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2071	N.D.	
43)	Chrysene	33.70	228	2107	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.94	252	1920	N.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

Data File : C:\HPCHEM\1\DATA\MAR2602\5034.D Vial: 26
Acq On : 27 Mar 2002 10:31 am Operator:
Sample : gc/ms scan 3/7 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:30 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2602\5034.D Vial: 26
Acq On : 27 Mar 2002 10:31 am Operator:
Sample : gc/ms scan 3/7 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

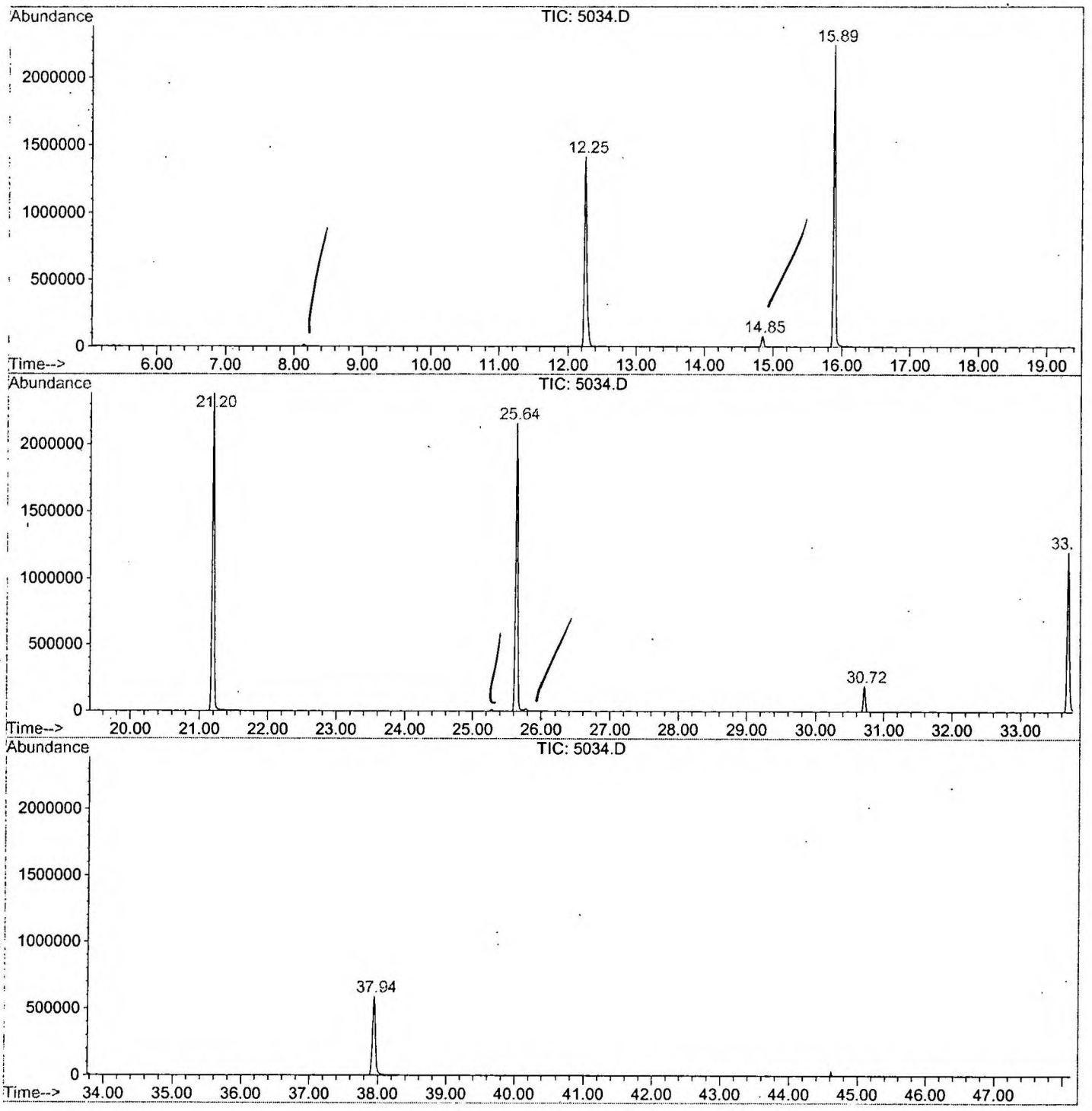
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.254	779	785	804	rVB	1409588	3434666	69.58%	15.290%
2	14.852	1062	1068	1073	rVB	79397	153801	3.12%	0.685%
3	15.889	1175	1181	1195	rBV	2237035	4522019	91.61%	20.130%
4	21.196	1752	1759	1773	rBV	2384656	4936396	100.00%	21.974%
5	25.639	2236	2243	2254	rBV2	2160087	4592661	93.04%	20.444%
6	30.716	2790	2796	2802	rVB	190556	379930	7.70%	1.691%
7	33.699	3114	3121	3138	rBV2	1204866	2689934	54.49%	11.974%
8	37.940	3576	3583	3598	rBV2	587126	1754807	35.55%	7.812%

Sum of corrected areas: 22464214

5034.D GCMS0308.M Fri Mar 29 11:38:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\5034.D
Operator :
Acquired : 27 Mar 2002 10:31 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/7 fb
Misc Info :
Vial Number: 26
Quant File :GCMS0308.RES (RTE Integrator)



5034.D GCMS0308.M Fri Mar 29 11:38:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\5034.D Vial: 26
Acq On : 27 Mar 2002 10:31 am Operator:
Sample : gc/ms scan 3/7 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

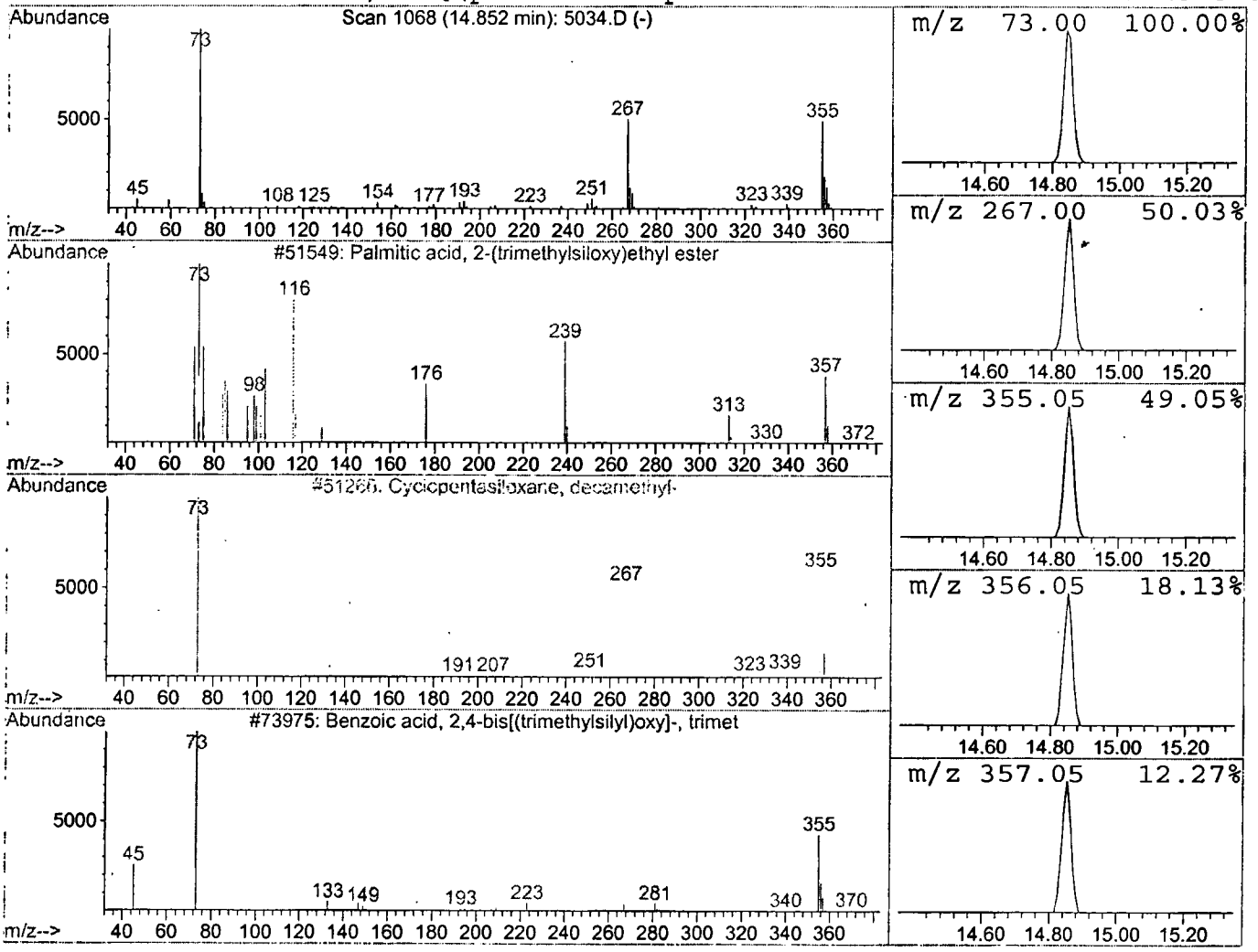
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Palmitic acid, 2-(trimethylsil Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.68 ug/l	153801	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitic acid, 2-(trimethylsiloxy)e	372	C21H44O3Si	022613-62-3	53
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 27 Mar 2002 10:31 am
Data File: C:\HPCHEM\1\DATA\MAR2602\5034.D
Name: gc/ms scan 3/7 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Palmitic acid, 2- (tr	14.85	0.7	ug/l	153801	ISTD02	15.89	4522020	20.0

5034.D GCMS0308.M Fri Mar 29 11:38:20 2002