User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 11:47:13

Sample: AE04388
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 11:45 Ended: 4/3/02 11:45 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 AE04388 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 11:48:26

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:12 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	482637	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1856371	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1011542	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1454796	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	752588	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	448084	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	99533	~~8.36~~ 5.39	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~167.20%~~ 108%		
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-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	15.95	128	254	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.67	149	942	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)

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Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

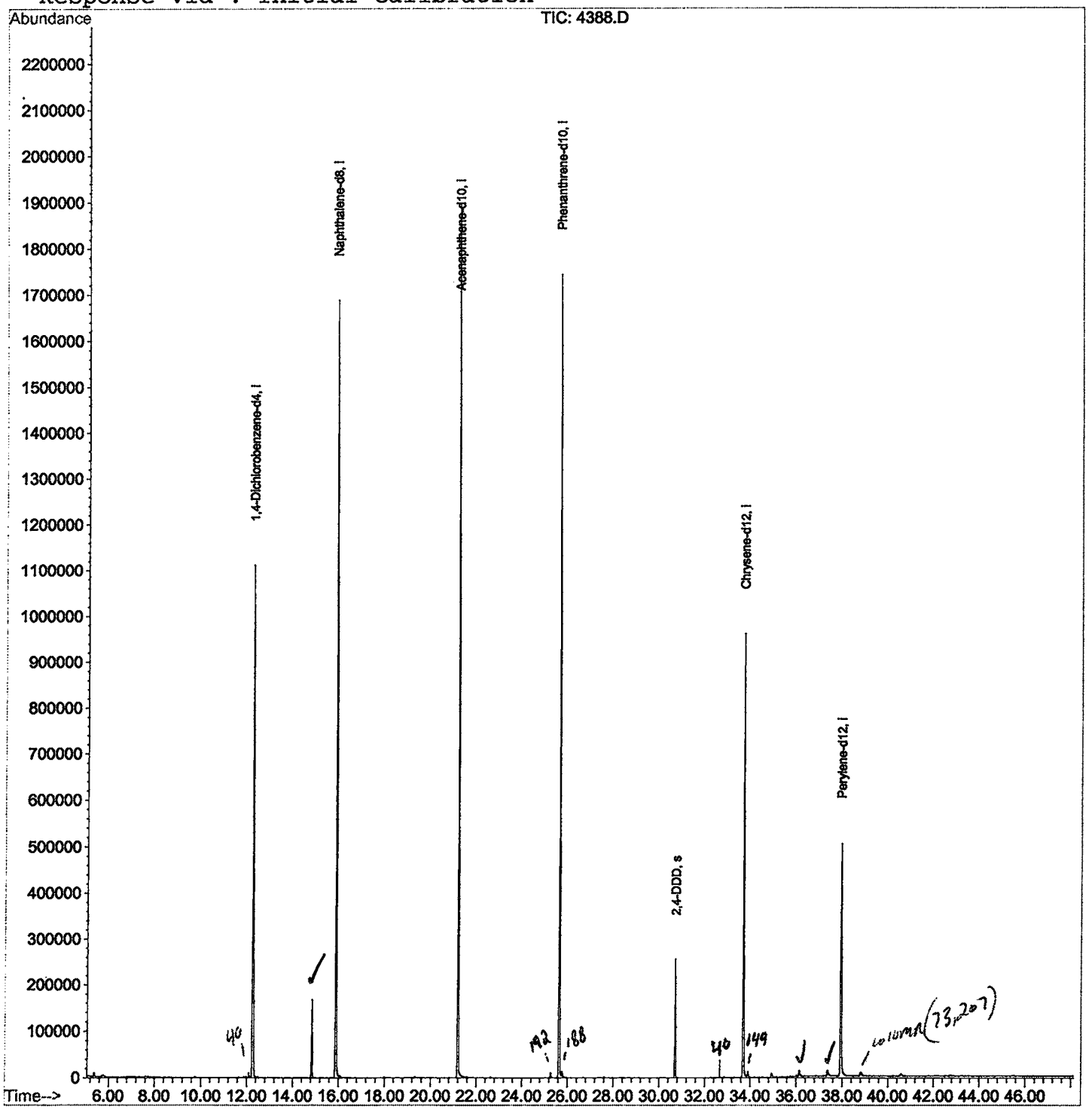
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	443	N.D.	
34)	Anthracene	25.63	178	443	N.D.	
35)	Di-n-butylphthalate	27.60	149	3103	N.D.	
36)	Fluoranthene	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	33.69	228	1593	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	7256	N.D.	
43)	Chrysene	33.76	228	302	N.D.	
45)	Di-n-Octylphthalate	35.66	149	707	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	543	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	741	N.D.	
48)	Benzo(a)pyrene	37.73	252	189	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\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:12 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 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

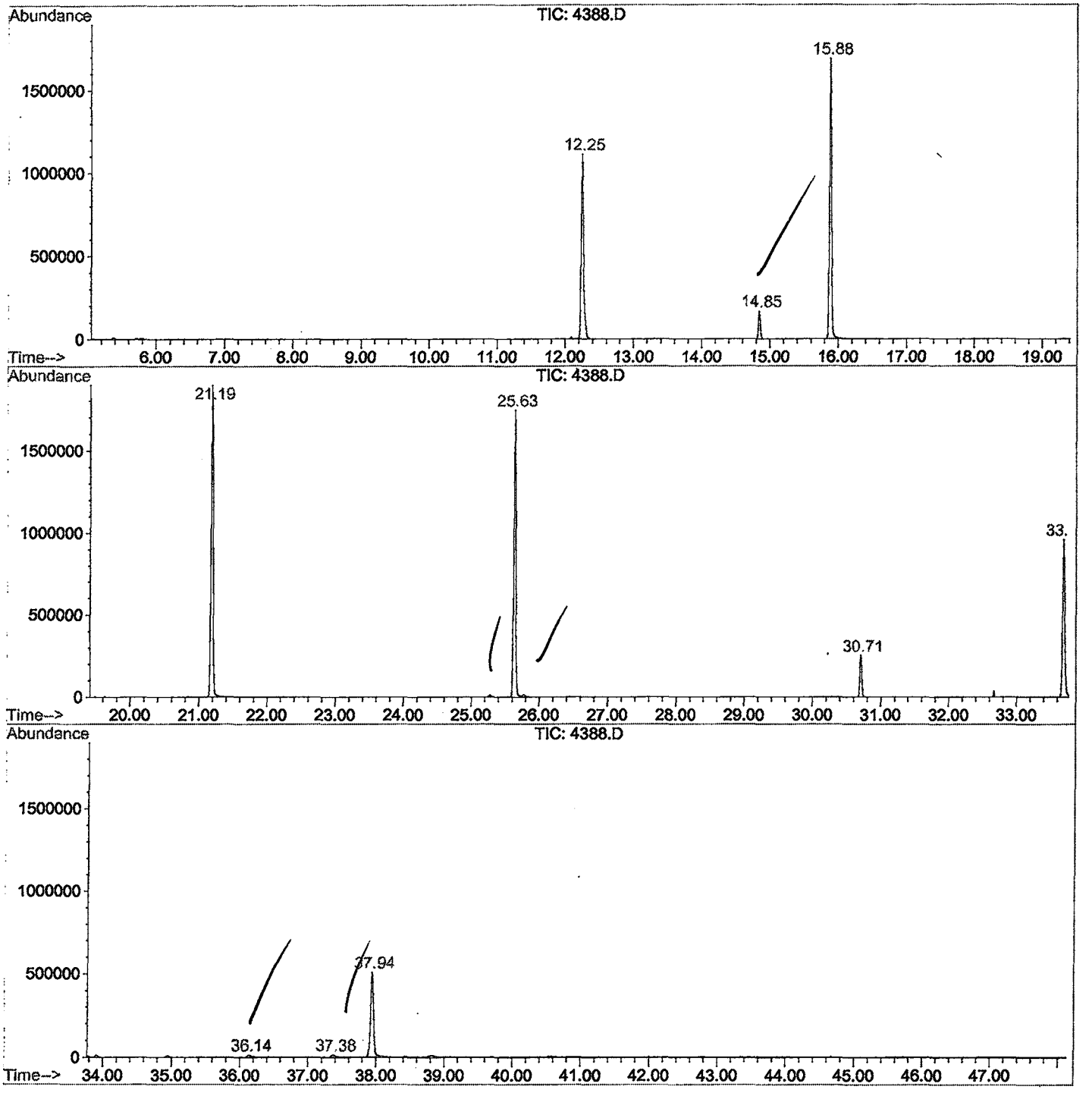
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.249	780	785	805	rVB	1111485	2608551	67.56%	14.354%
2	14.847	1063	1068	1075	rBV	167481	318239	8.24%	1.751%
3	15.885	1175	1181	1197	rBV	1689081	3479497	90.11%	19.146%
4	21.191	1753	1759	1772	rBV	1898603	3861213	100.00%	21.247%
5	25.634	2236	2243	2255	rBV2	1744929	3640079	94.27%	20.030%
6	30.711	2791	2796	2802	rBV	256296	488872	12.66%	2.690%
7	33.694	3113	3121	3135	rBV2	962934	2173871	56.30%	11.962%
8	36.136	3382	3387	3393	rBV	13289	40116	1.04%	0.221%
9	37.376	3515	3522	3534	rBV3	12993	52713	1.37%	0.290%
10	37.936	3575	3583	3597	rBV2	504131	1510078	39.11%	8.309%

Sum of corrected areas: 18173229

4388.D GCMS0308.M Thu Mar 28 12:30:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2502\4388.D
Operator :
Acquired : 26 Mar 2002 12:01 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/28 fb
Misc Info :
Vial Number: 15
Quant File :GCMS0308.RES (RTE Integrator)



4388.D GCMS0308.M Thu Mar 28 12:30:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

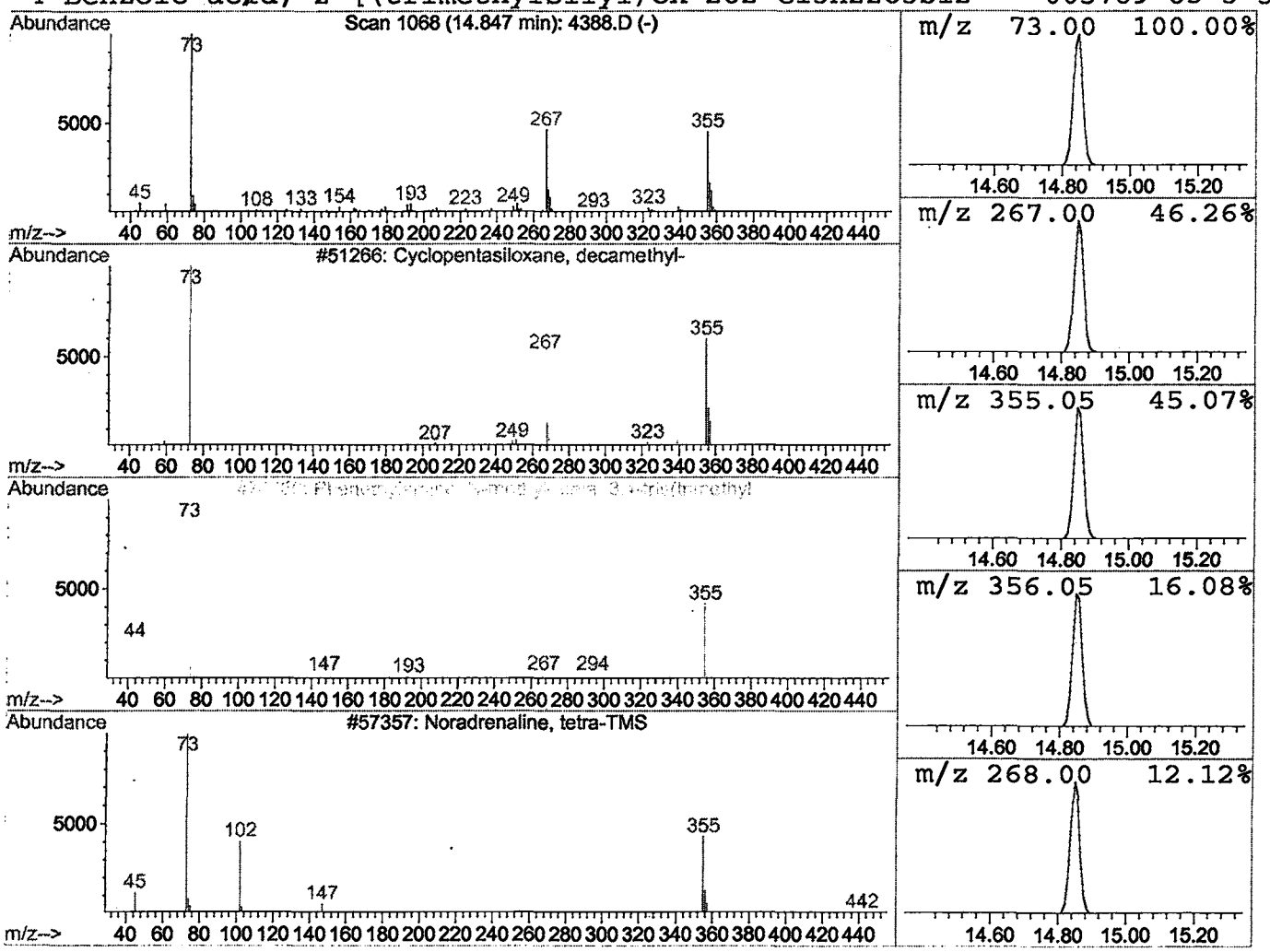
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.83 ug/l	318239	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

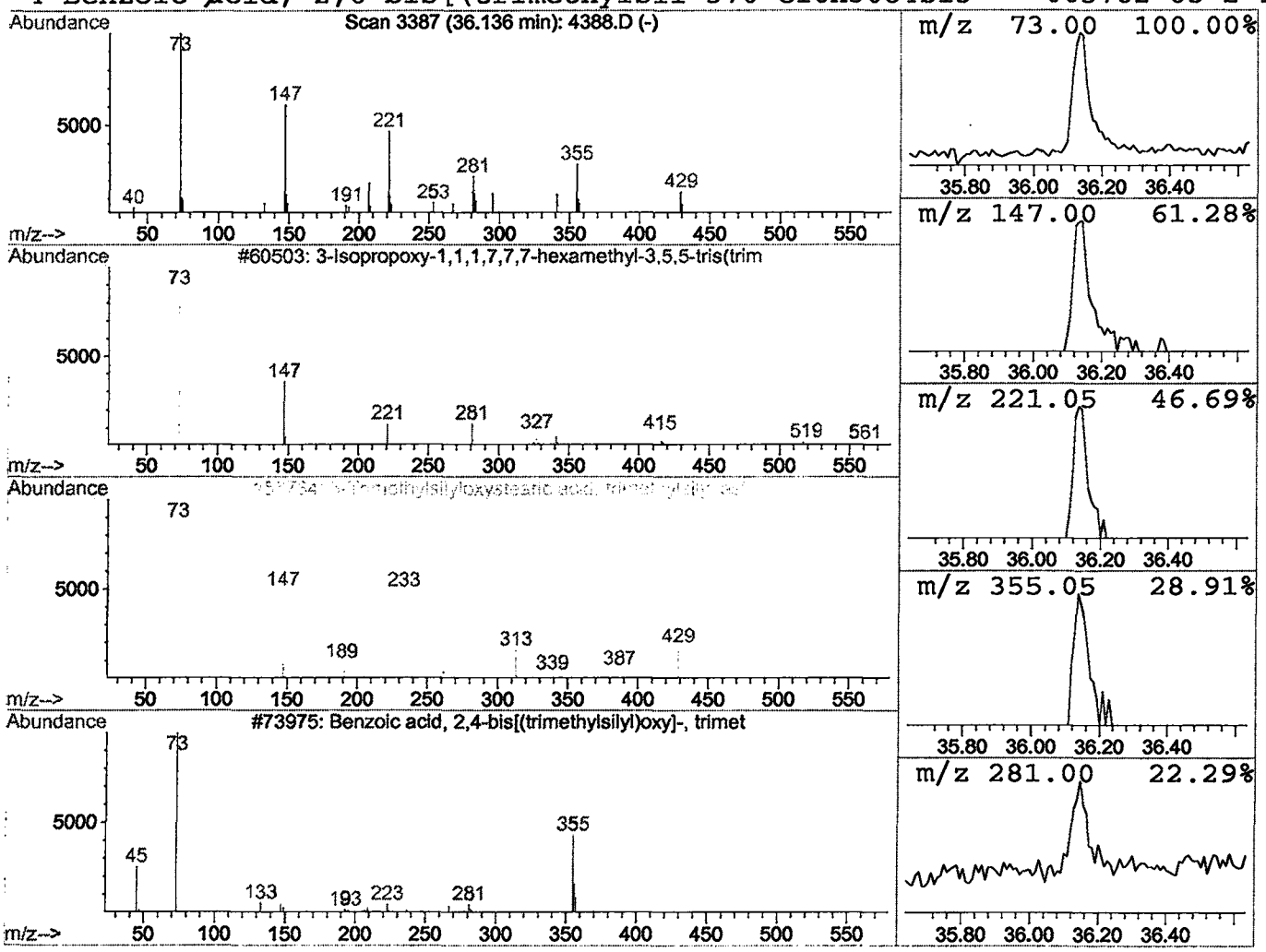
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	0.53 ug/l	40116	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
2	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	9
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4388.D Vial: 15
Acq On : 26 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/28 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

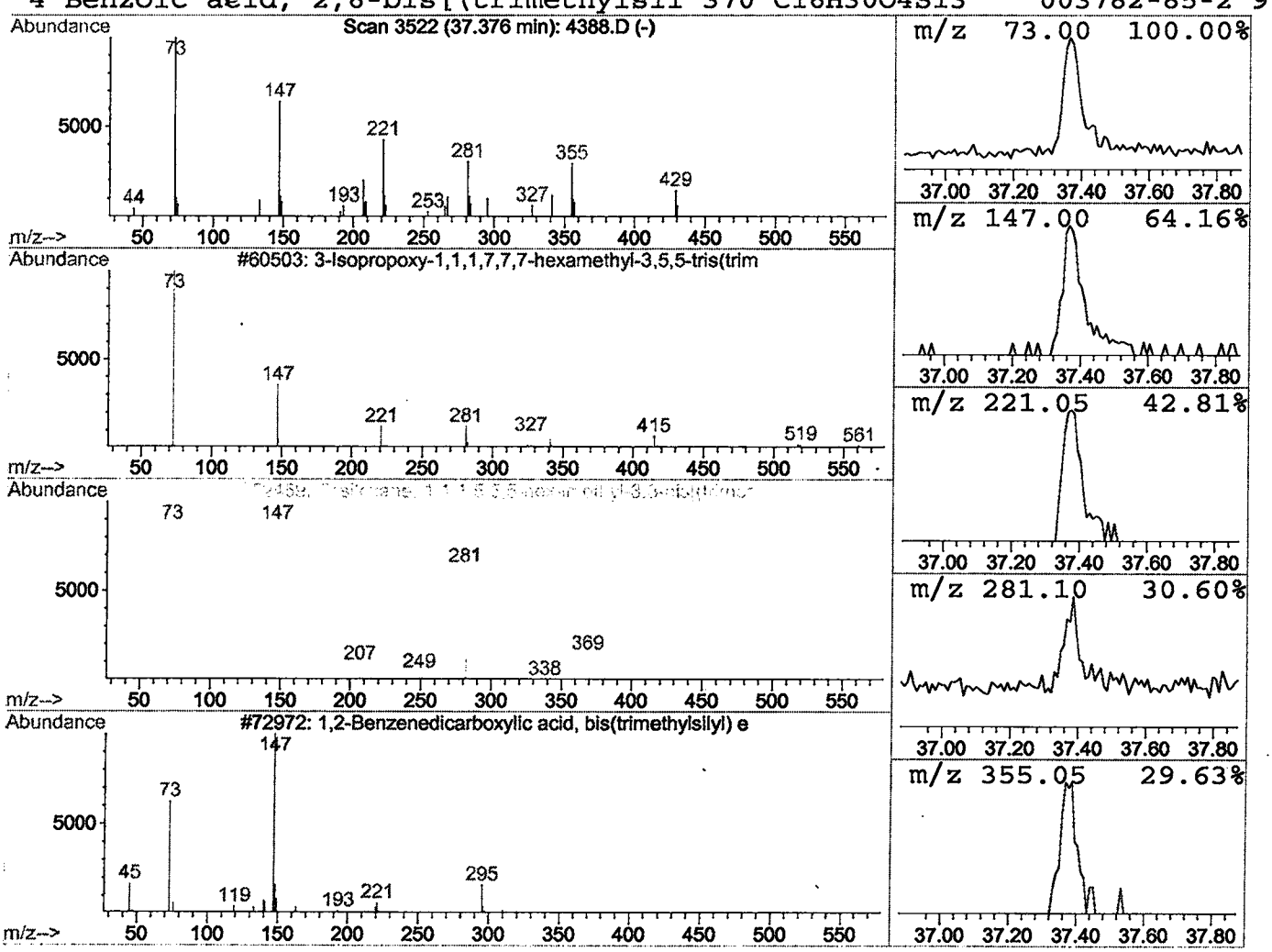
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.38	0.70 ug/l	52713	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 12:01 am
Data File: C:\HPCHEM\1\DATA\MAR2502\4388.D
Name: gc/ms scan 2/28 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
Cyclopentasiloxane,	14.85	1.8	ug/l	318239	ISTD02	15.88	3479500	20.0
3-Isopropoxy-1,1,1,7	36.14	0.5	ug/l	40116	ISTD06	37.94	1510080	20.0
3-Isopropoxy-1,1,1,7	37.38	0.7	ug/l	52713	ISTD06	37.94	1510080	20.0

4388.D GCMS0308.M Thu Mar 28 12:31:14 2002