User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:42:36

Sample: AE05748
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:42 Ended: 4/11/02 08:42 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104	-	5.0

Comments for Sample AE05748 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:42:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5748.D Vial: 27
Acq On : 3 Apr 2002 2:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 3:47 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	513161	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1924743	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1080639	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1504965	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	753707	20.00	ug/l	-0.16
44) Perylene-d12	37.93	264	404523	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.70	235	78818	5.22	ug/mL	0.21
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.56	74	185	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	15.93	128	360	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	1082	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\APR0102\5748.D Vial: 27
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Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 3:47 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

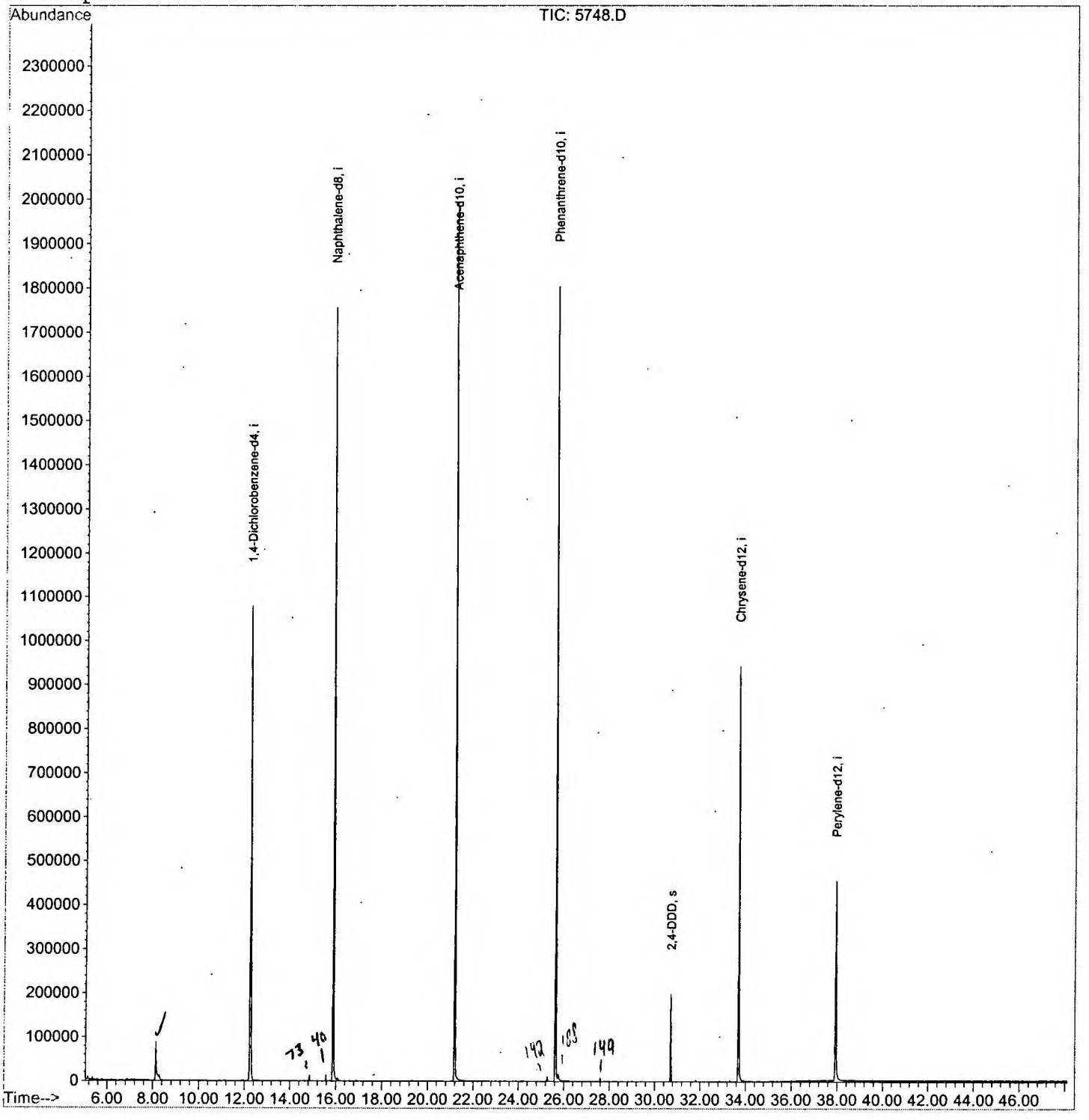
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	409	N.D.	
34)	Anthracene	25.64	178	409	N.D.	
35)	Di-n-butylphthalate	27.60	149	10007	N.D.	
36)	Fluoranthene	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	1711	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	1357	N.D.	
43)	Chrysene	33.69	228	1711	N.D.	
45)	Di-n-Octylphthalate	35.68	149	171	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	440	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	645	N.D.	
48)	Benzo(a)pyrene	37.74	252	338	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\APR0102\5748.D Vial: 27
Acq On : 3 Apr 2002 2:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 3:47 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5748.D Vial: 27
Acq On : 3 Apr 2002 2:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

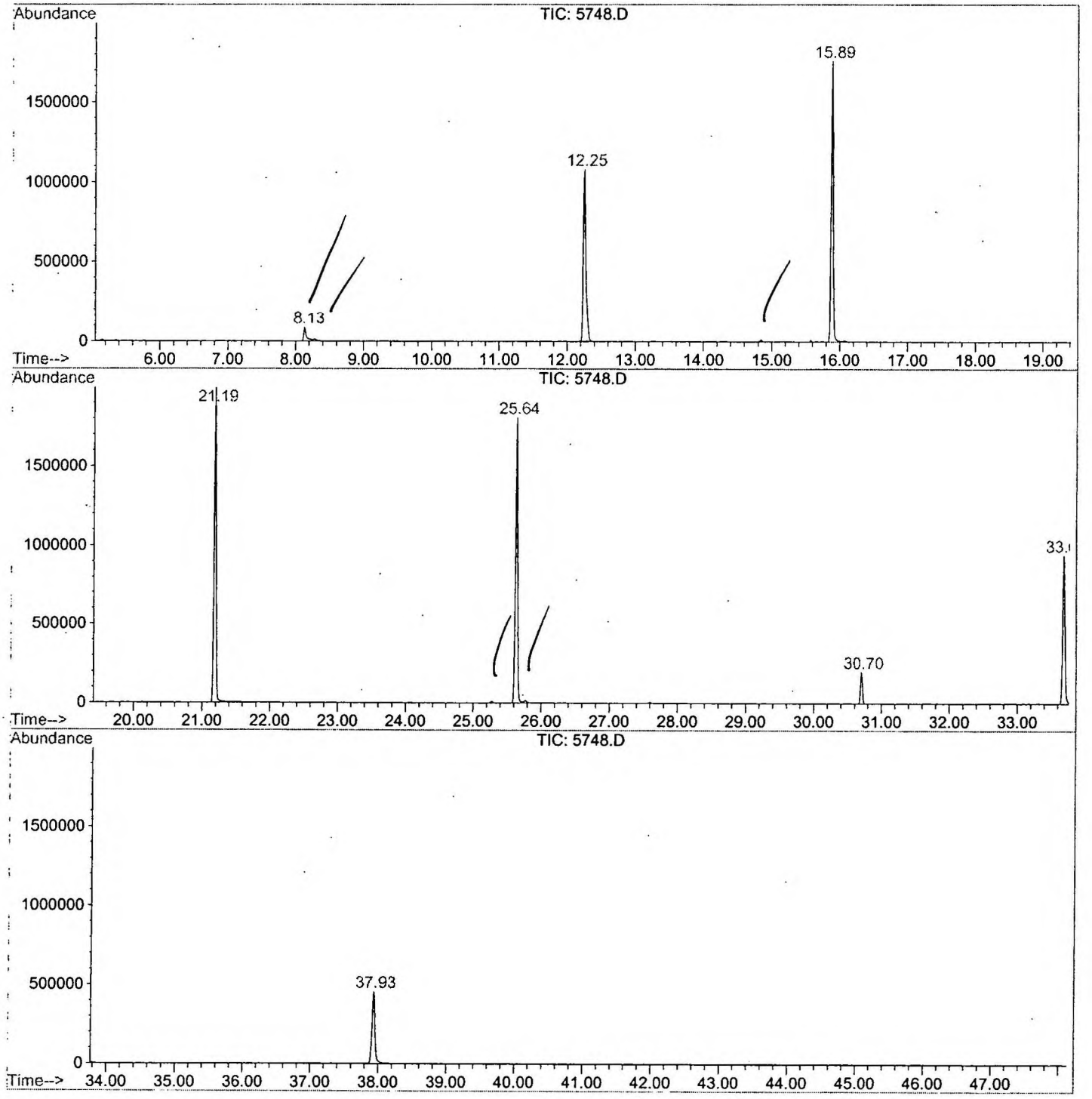
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.129	332	336	349	rBV	87390	246633	5.96%	1.325%
2	12.251	779	785	800	rVB	1076781	2779577	67.16%	14.930%
3	15.886	1174	1181	1198	rBV	1755997	3646458	88.11%	19.586%
4	21.193	1752	1759	1775	rBV	1994857	4138649	100.00%	22.230%
5	25.636	2236	2243	2254	rBV	1804866	3840595	92.80%	20.629%
6	30.703	2790	2795	2803	rBV	198993	387366	9.36%	2.081%
7	33.687	3113	3120	3141	rBV2	944198	2193404	53.00%	11.781%
8	37.928	3574	3582	3599	rBV2	453523	1384918	33.46%	7.439%

Sum of corrected areas: 18617600

5748.D GCMS0403.M Fri Apr 05 10:40:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5748.D
Operator :
Acquired : 3 Apr 2002 2:58 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 27
Quant File :GCMS0308.RES (RTE Integrator)



5748.D GCMS0403.M Fri Apr 05 10:40:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5748.D Vial: 27
Acq On : 3 Apr 2002 2:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

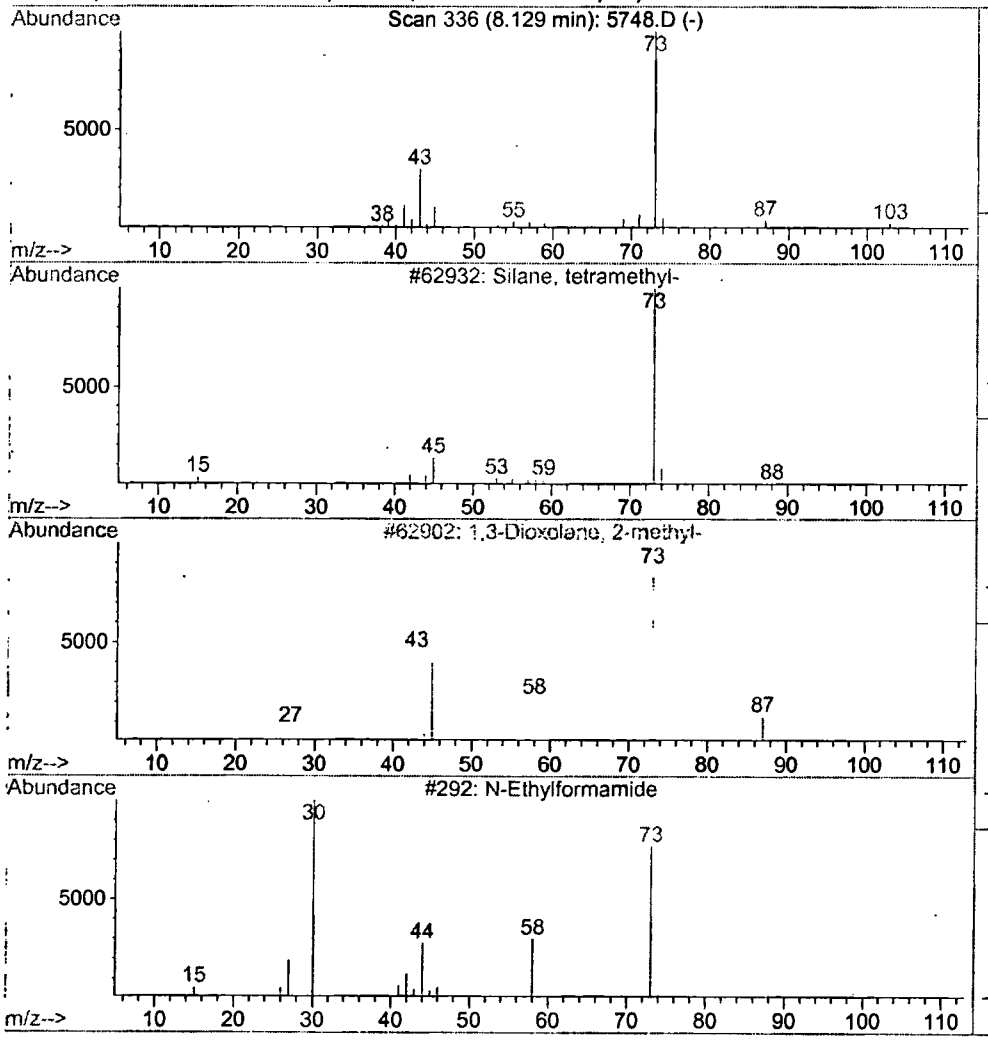
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

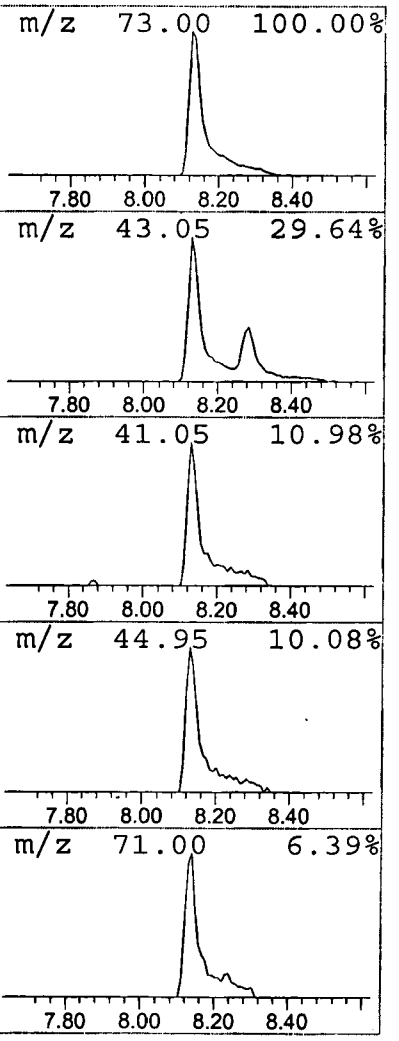
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.77 ug/l	246633	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Apr 2002 2:58 am
Data File: C:\HPCHEM\1\DATA\APR0102\5748.D
Name: gc/ms scan 3/12
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
Silane, tetramethyl-	8.13	1.8	ug/l	246633	ISTD01	12.25	2779580	20.0

5748.D GCMS0403.M Fri Apr 05 10:40:22 2002