User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 11:42:34

Sample: AE01968
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 11:19 Ended: 3/22/02 11:19 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr: 2,4-DDD	USPEC	148		5.0

Comments for Sample AE01968 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 11:42:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 9:08 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 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	569647	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2227796	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1180082	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1768156	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	1086538	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	629038	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	95314	7.42	ug/mL	0.24
Spiked Amount 5.000			Recovery = 148.40%			
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	15.96	128	204	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	21.51	165	266	N.D.		
25) Diethylphthalate	22.70	149	1135	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\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 9:08 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 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

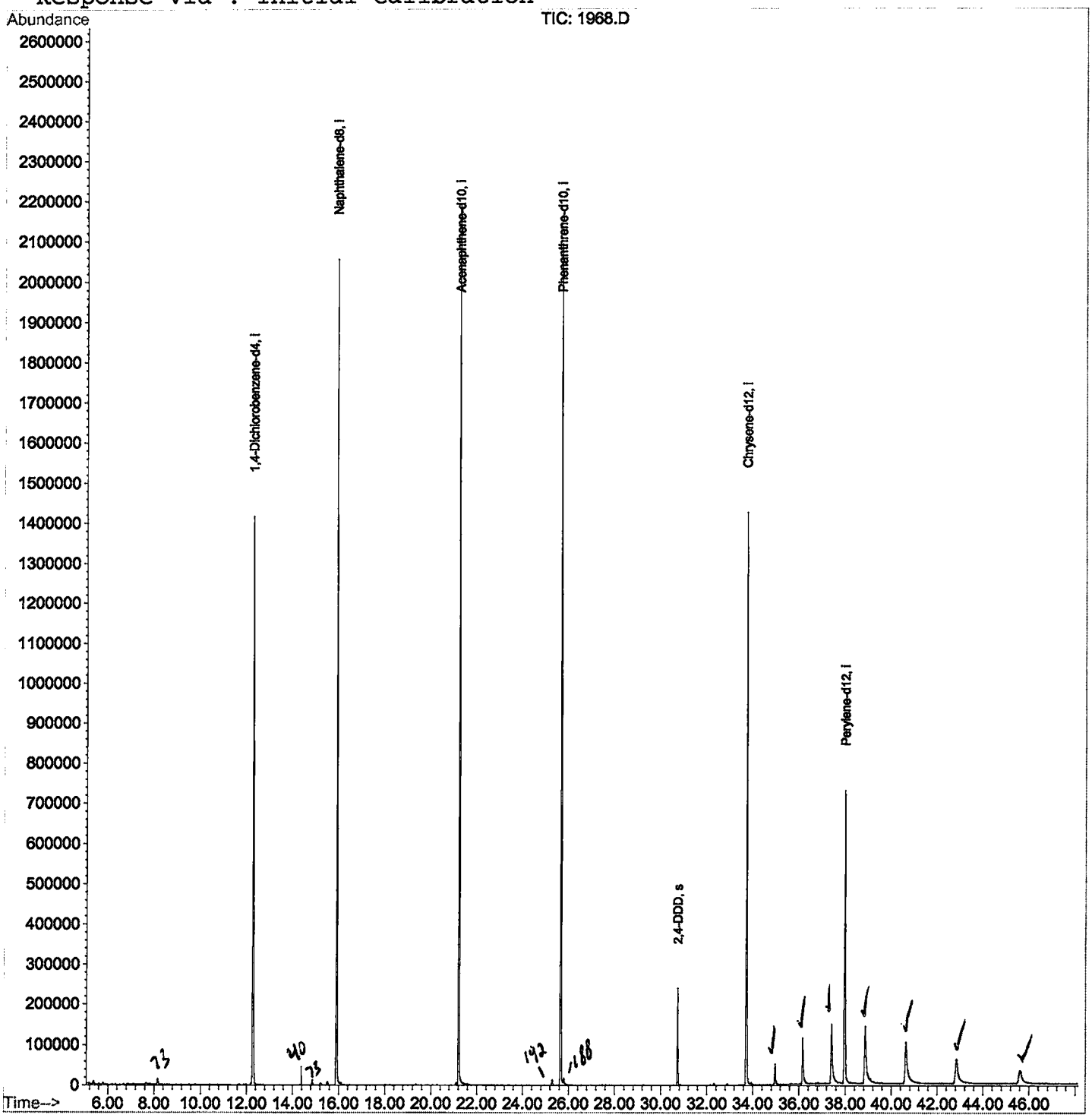
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	118	N.D.	
34)	Anthracene	25.66	178	619	N.D.	
35)	Di-n-butylphthalate	27.63	149	2536	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	662	N.D.	
41)	Benzo(a)anthracene	33.72	228	2710	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	3106	N.D.	
43)	Chrysene	33.79	228	455	N.D.	
45)	Di-n-Octylphthalate	35.68	149	3599	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	1436	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	2212	N.D.	
48)	Benzo(a)pyrene	37.76	252	1801	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.20	276	278	N.D.	
50)	Dibenz(a,h)anthracene	42.19	278	1105	N.D.	
51)	Benzo(g,h,i)perylene	43.35	276	1344	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 9:08 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 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 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

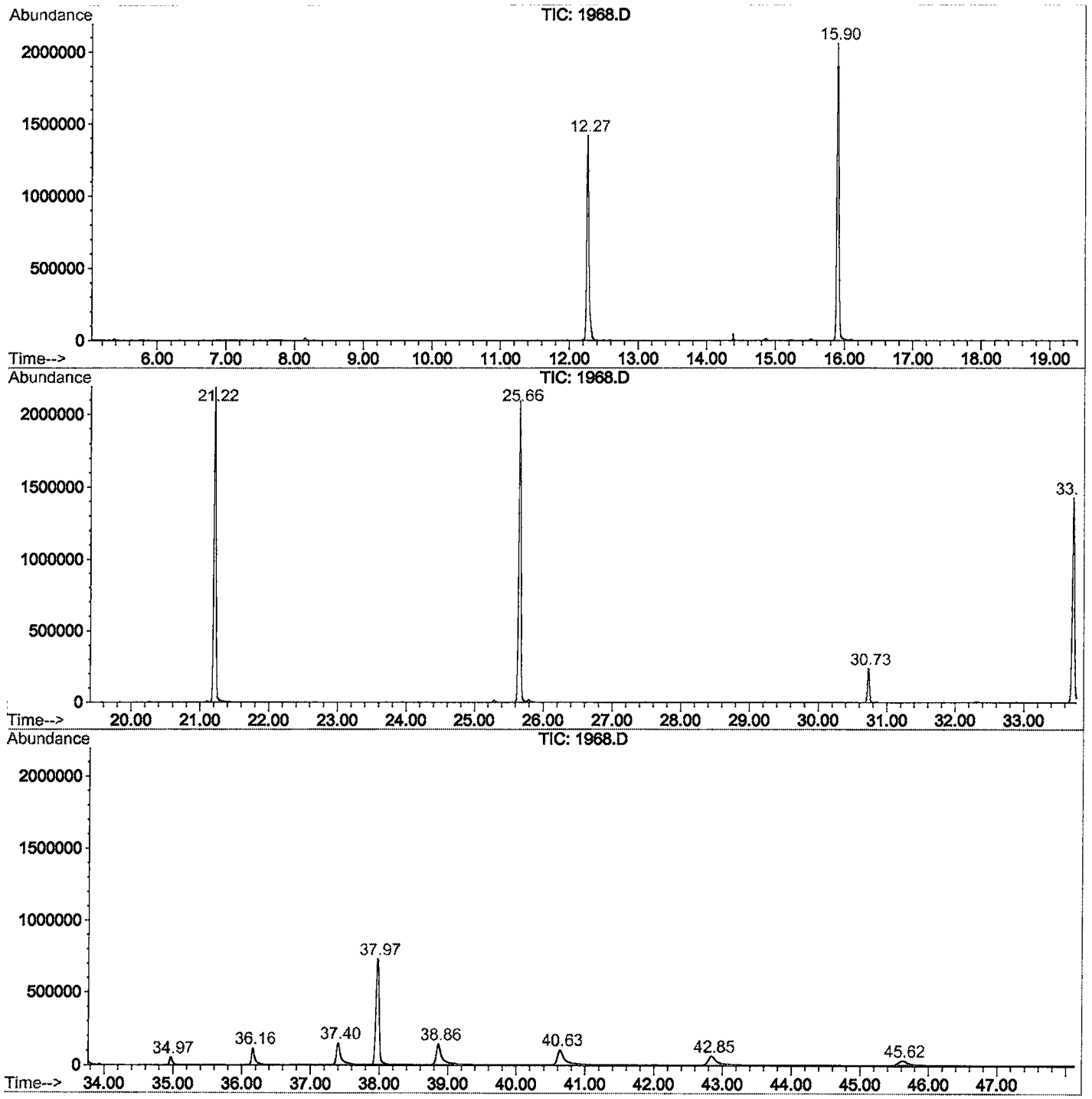
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	782	787	805	rVB	1415273	3133650	68.17%	12.099%
2	15.902	1177	1183	1200	rBV	2056224	4233531	92.10%	16.346%
3	21.218	1755	1762	1780	rBV	2193145	4596862	100.00%	17.749%
4	25.661	2239	2246	2257	rBV2	2093210	4476001	97.37%	17.282%
5	30.728	2793	2798	2805	rBV	239019	481358	10.47%	1.859%
6	33.721	3113	3124	3143	rBV2	1426036	3270058	71.14%	12.626%
7	34.970	3253	3260	3269	rBV	52398	151437	3.29%	0.585%
8	36.163	3383	3390	3405	rBV	114191	381588	8.30%	1.473%
9	37.402	3513	3525	3550	rBV	145798	667267	14.52%	2.576%
10	37.972	3579	3587	3610	rBV2	726506	2214186	48.17%	8.549%
11	38.862	3675	3684	3709	rBV2	139582	783392	17.04%	3.025%
12	40.634	3865	3877	3905	rBV2	102366	731405	15.91%	2.824%
13	42.846	4103	4118	4141	rBV2	61125	511173	11.12%	1.974%
14	45.619	4406	4420	4437	rBV4	30580	267572	5.82%	1.033%

Sum of corrected areas: 25899480

1968.D GCMS0308.M Thu Mar 21 09:19:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\1968.D
Operator :
Acquired : 20 Mar 2002 4:46 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 13
Quant File :GCMS0308.RES (RTE Integrator)



1968.D GCMS0308.M Thu Mar 21 09:19:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

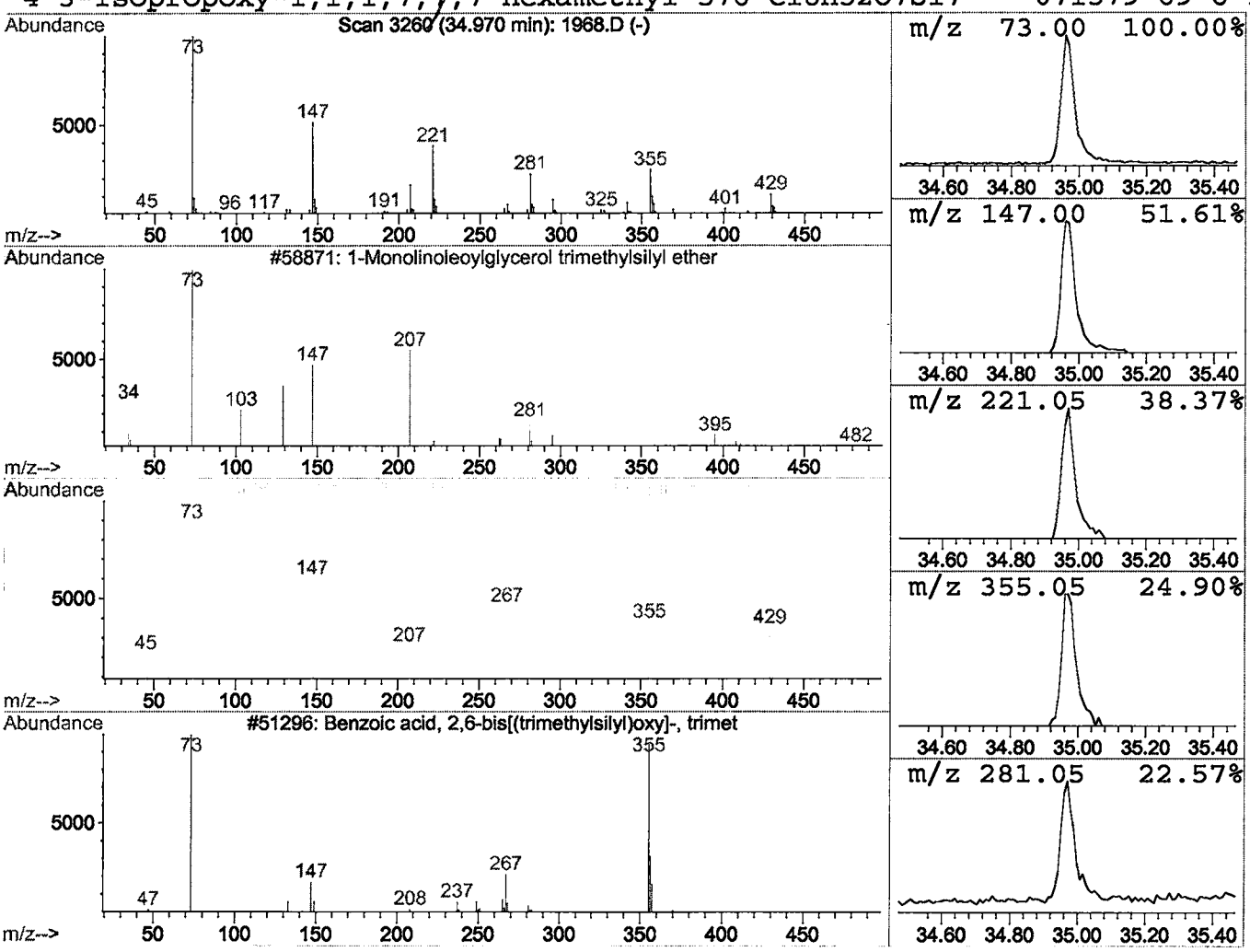
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Monolinoleoylglycerol trimet Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.97	0.93 ug/l	151437	Chrysene-d12	33.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	37
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	14
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

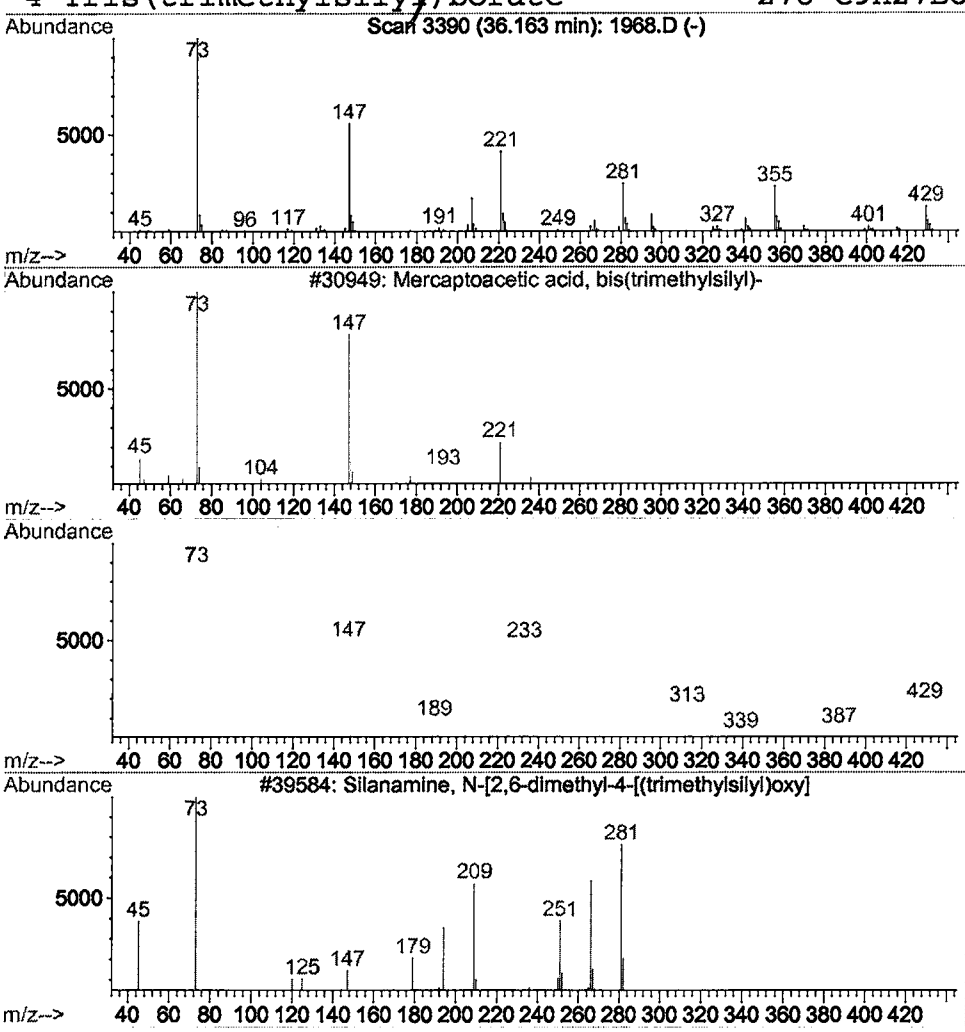
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

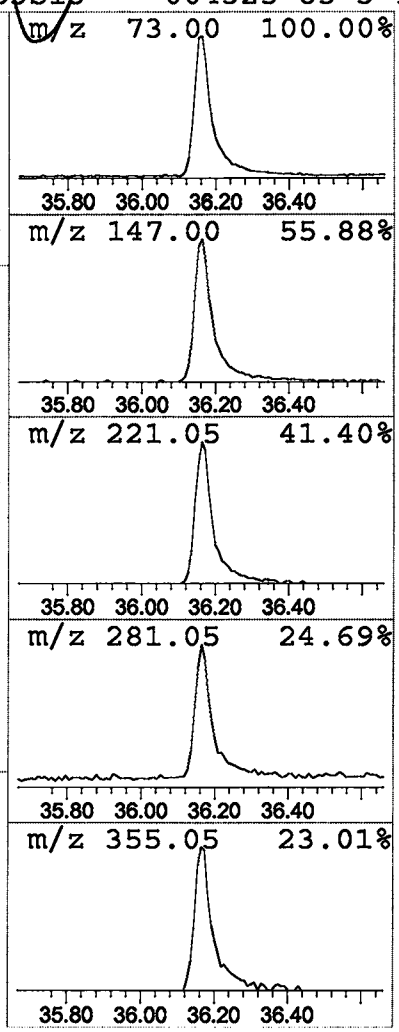
****

Peak Number 2 Mercaptoacetic acid, bis(trime Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.16	3.45 ug/l	381588	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
2	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	12
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D Vial: 13
Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

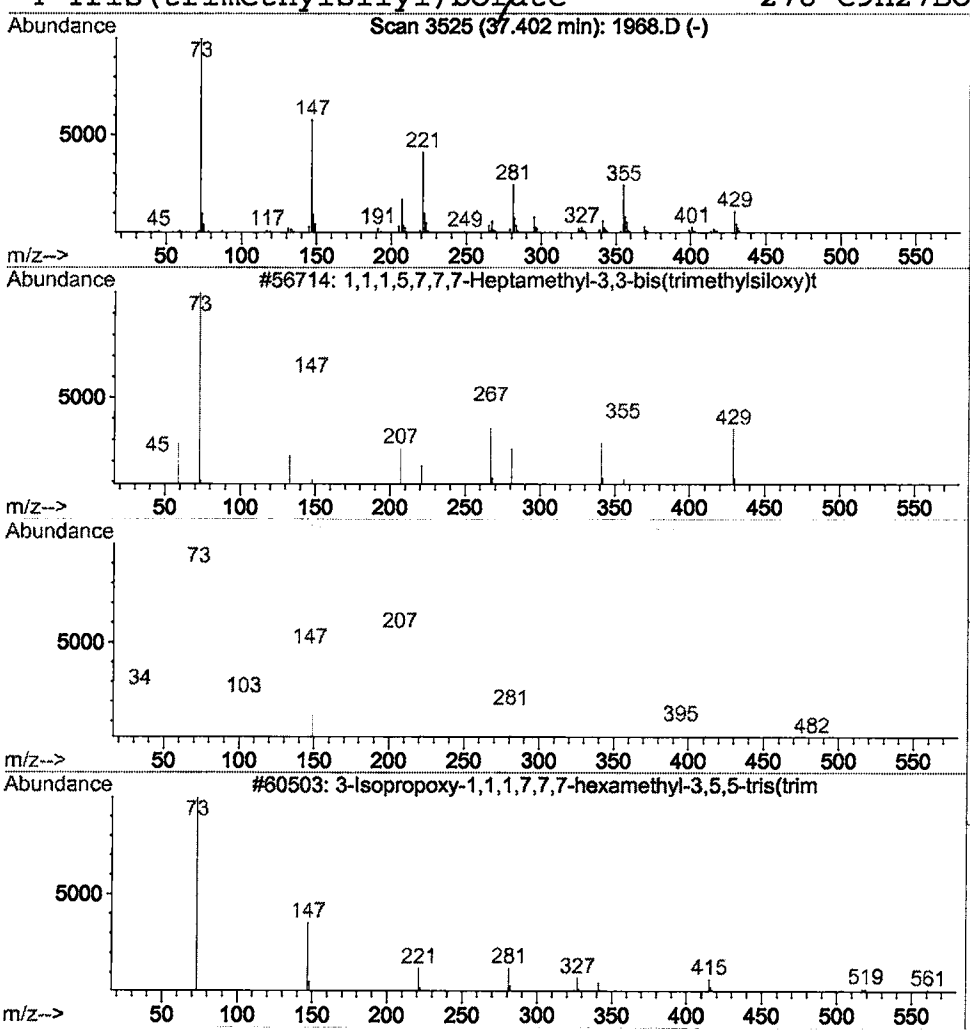
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

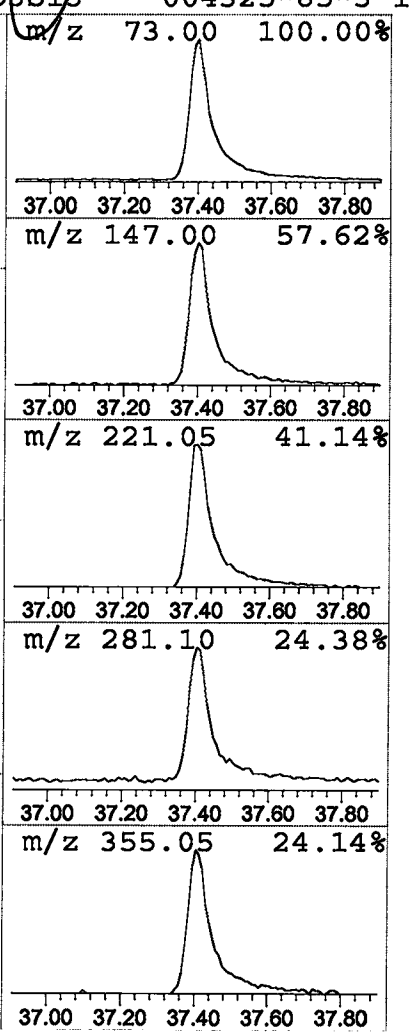
****

Peak Number 3 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.40	6.03 ug/l	667267	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	37
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10





Library Search Compound Report

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Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

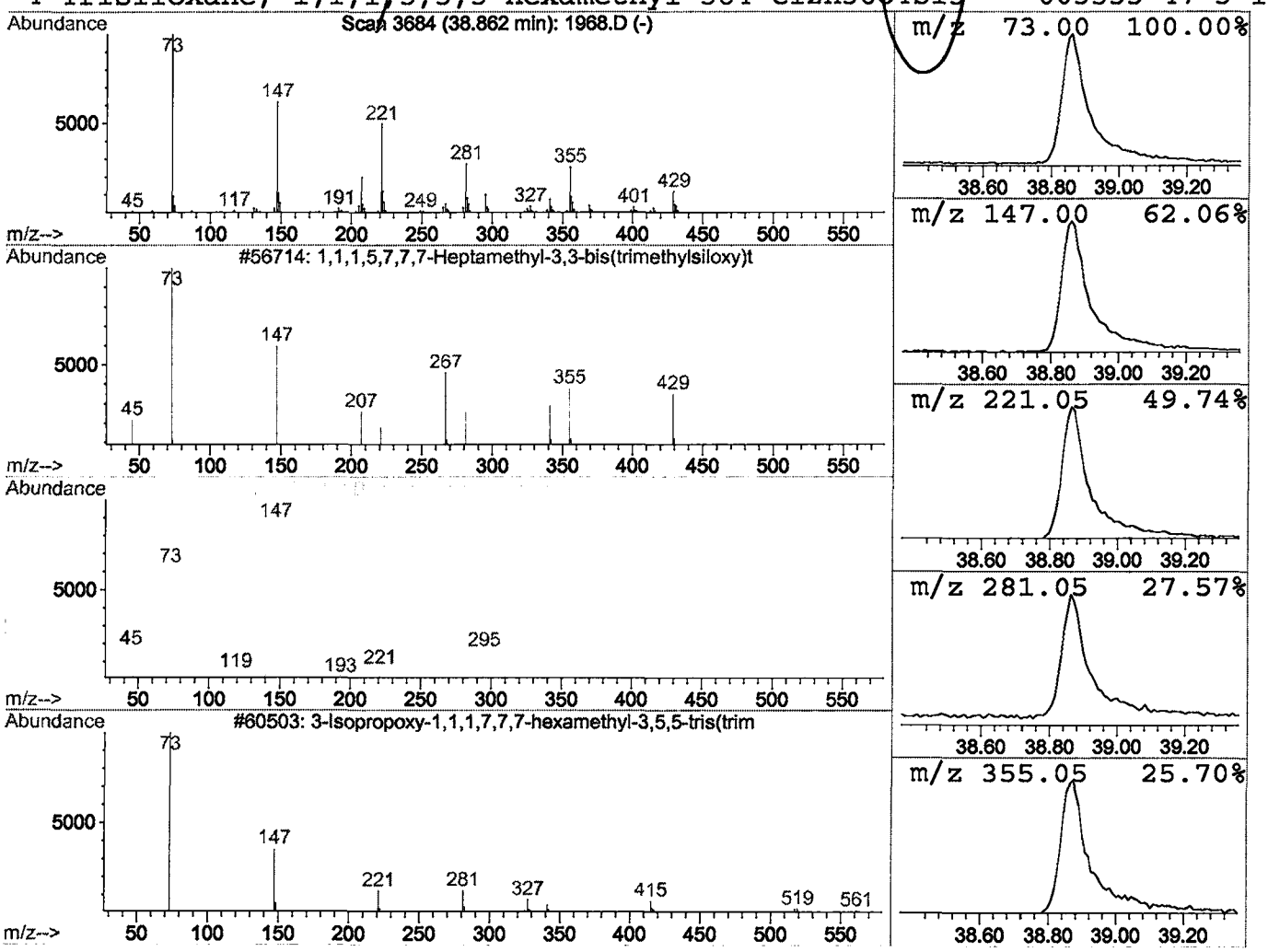
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.86	7.08 ug/l	783392	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	32
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12



Library Search Compound Report

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Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
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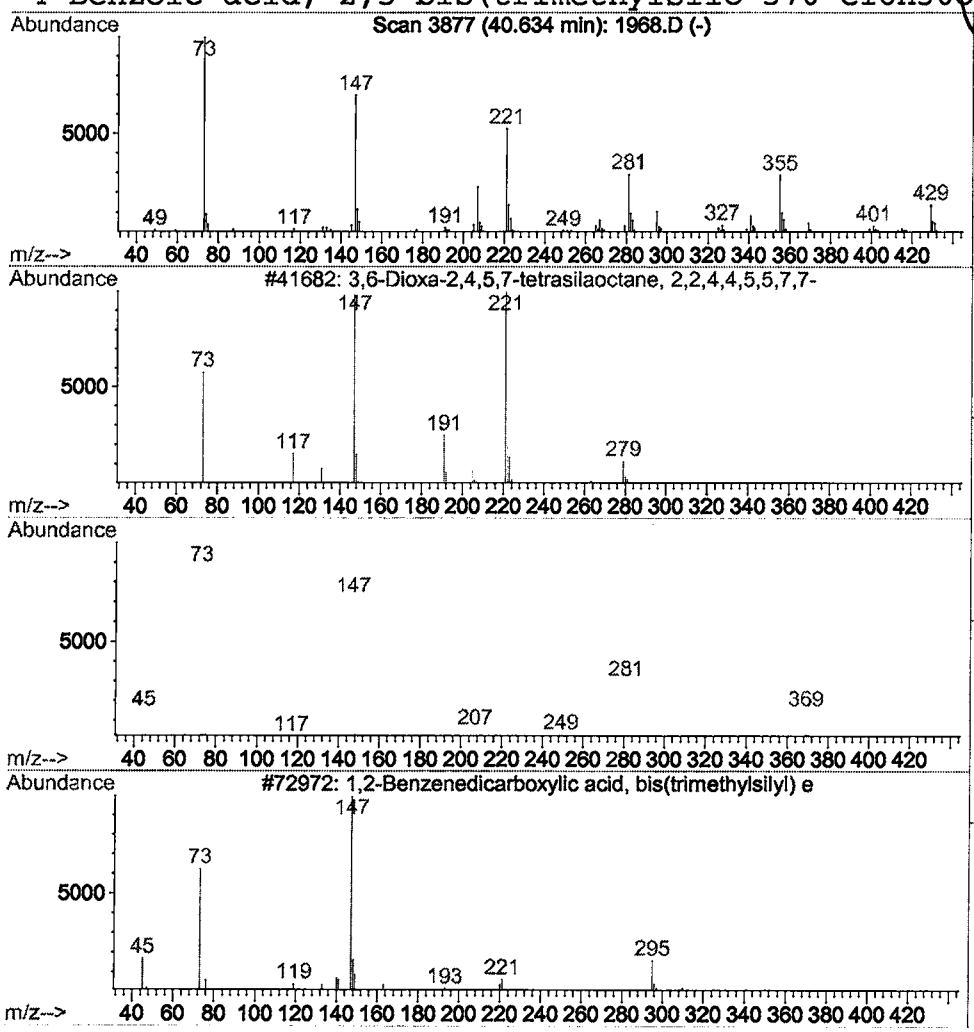
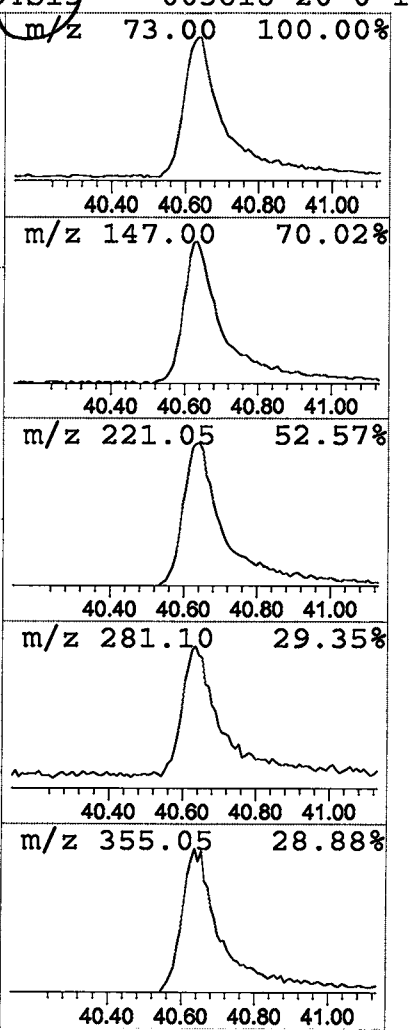
****

Peak Number 5 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.63	6.61 ug/l	731405	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	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	14
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10





Library Search Compound Report

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Acq On : 20 Mar 2002 4:46 pm Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

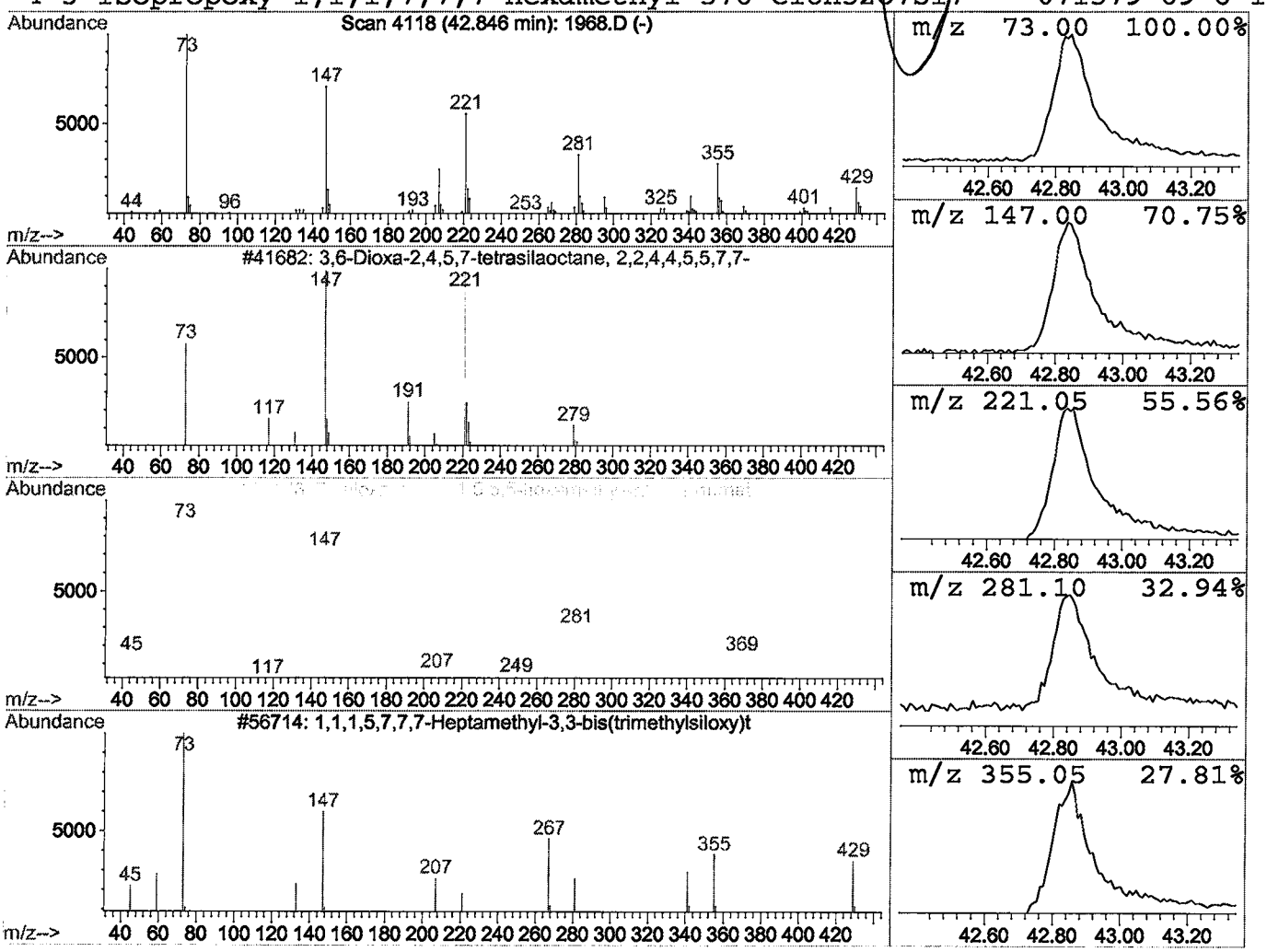
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.85	4.62 ug/l	511173	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	16



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1968.D
Acq On : 20 Mar 2002 4:46 pm
Sample : gc/ms scan 3/5
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator:
Inst : GC/MS 209
Multiplr: 1.00

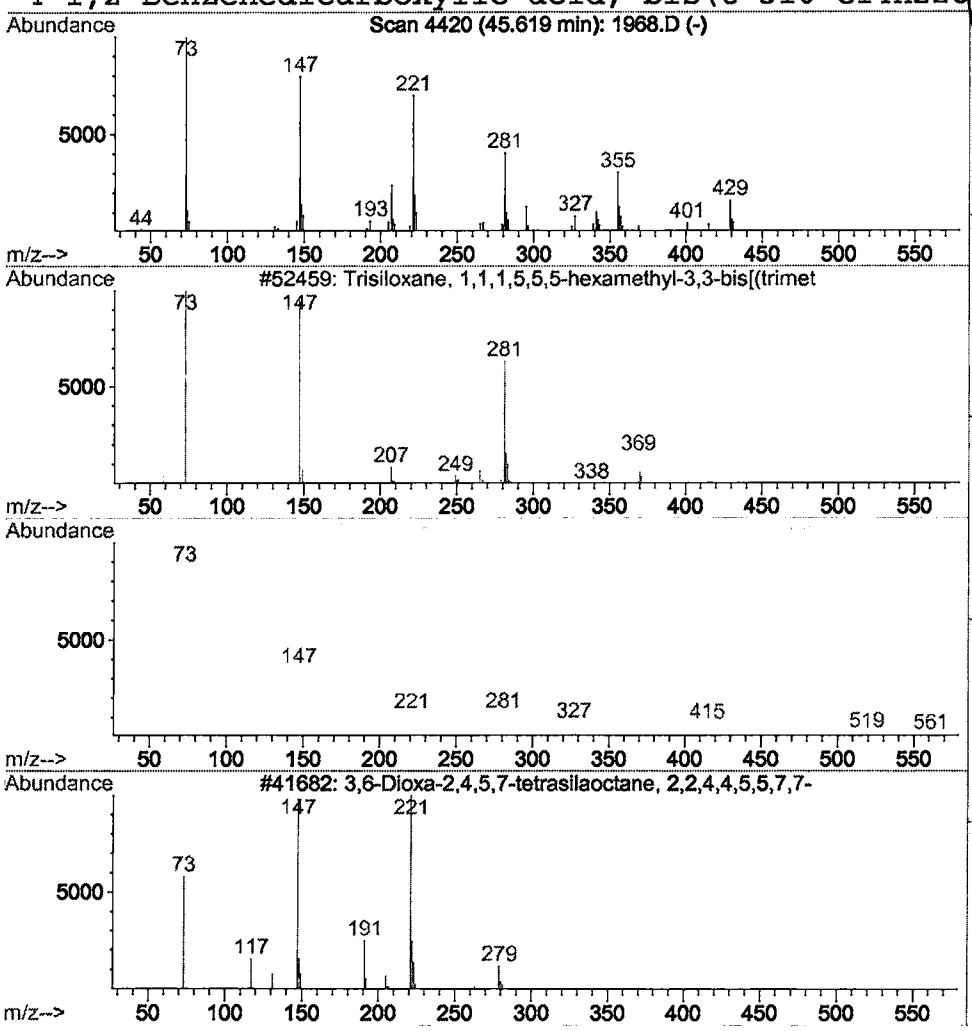
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

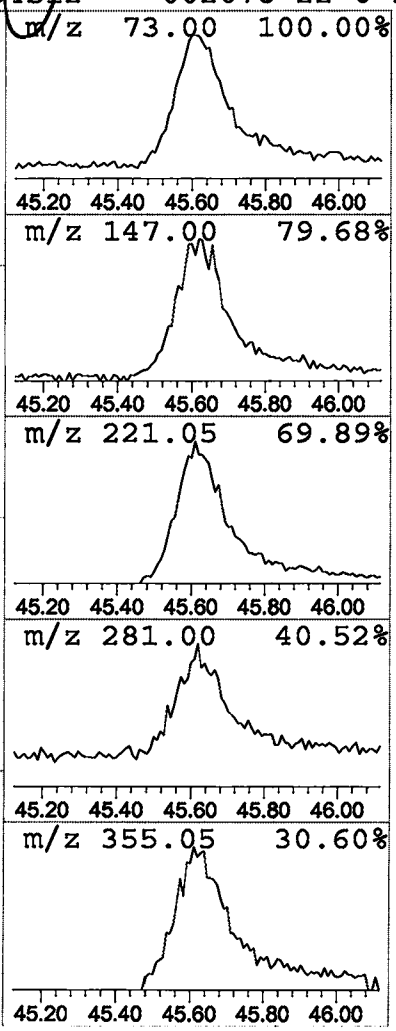
****

Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.62	2.42 ug/l	267572	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	37
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	22





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Mar 2002 4:46 pm
Data File: C:\HPCHEM\1\DATA\MAR1902\1968.D
Name: gc/ms scan 3/5
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
1-Monolinoleoylglyce	34.97	0.9	ug/l	151437	ISTD05	33.72	3270060	20.0
Mercaptoacetic acid,	36.16	3.4	ug/l	381588	ISTD06	37.97	2214190	20.0
1,1,1,5,7,7,7-Heptam	37.40	6.0	ug/l	667267	ISTD06	37.97	2214190	20.0
1,1,1,5,7,7,7-Heptam	38.86	7.1	ug/l	783392	ISTD06	37.97	2214190	20.0
3,6-Dioxa-2,4,5,7-te	40.63	6.6	ug/l	731405	ISTD06	37.97	2214190	20.0
3,6-Dioxa-2,4,5,7-te	42.85	4.6	ug/l	511173	ISTD06	37.97	2214190	20.0
Trisiloxane, 1,1,1,5	45.62	2.4	ug/l	267572	ISTD06	37.97	2214190	20.0

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Column bleed