User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:02:38

Sample: AE04592
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 11:02 Ended: 4/2/02 11:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE04592 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:02:48

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 17:27 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	12.26	152	552465	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2115403	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1146255	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1654671	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	863352	20.00	ug/l	-0.14
44) Perylene-d12	37.94	264	488341	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	85615	4.64 ~~6.32~~	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~126.40%~~ 93%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.53	74	377	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	15.94	128	512	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	890	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\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 17:27 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

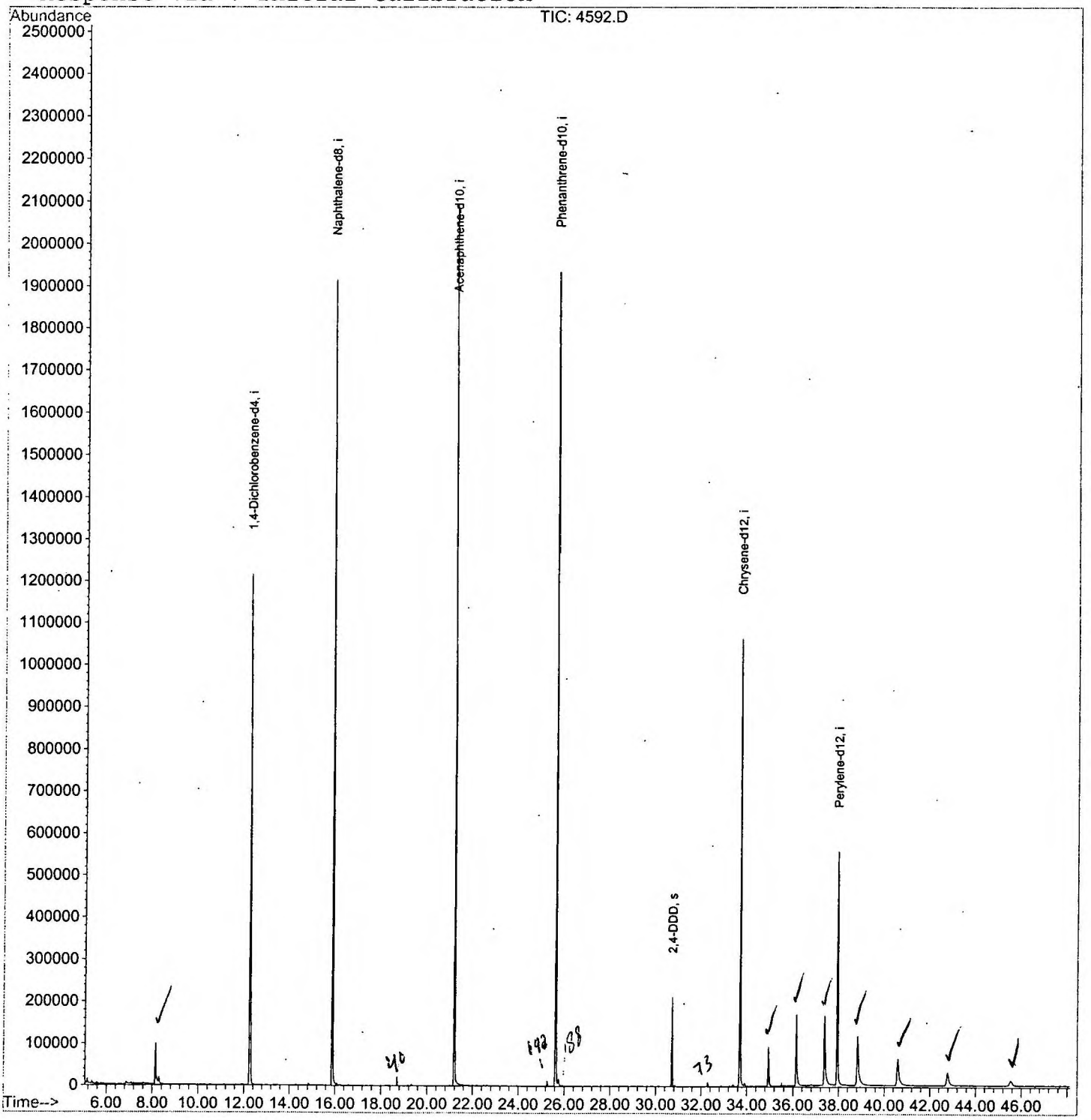
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.70	178	775	N.D.	
34)	Anthracene	25.70	178	775	N.D.	
35)	Di-n-butylphthalate	27.60	149	4439	N.D.	
36)	Fluoranthene	29.33	202	296	N.D.	
39)	Pyrene	30.00	202	269	N.D.	
40)	Butylbenzylphthalate	32.13	149	844	N.D.	
41)	Benzo(a)anthracene	33.70	228	2944	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	4567	N.D.	
43)	Chrysene	33.76	228	1148	N.D.	
45)	Di-n-Octylphthalate	35.65	149	2860	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	1822	N.D.	
47)	Benzo(k)fluoranthene	36.80	252	1868	N.D.	
48)	Benzo(a)pyrene	37.74	252	1282	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.05	276	1428	N.D.	
50)	Dibenz(a,h)anthracene	42.14	278	1002	N.D.	
51)	Benzo(g,h,i)perylene	43.30	276	1958	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 17:27 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\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 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

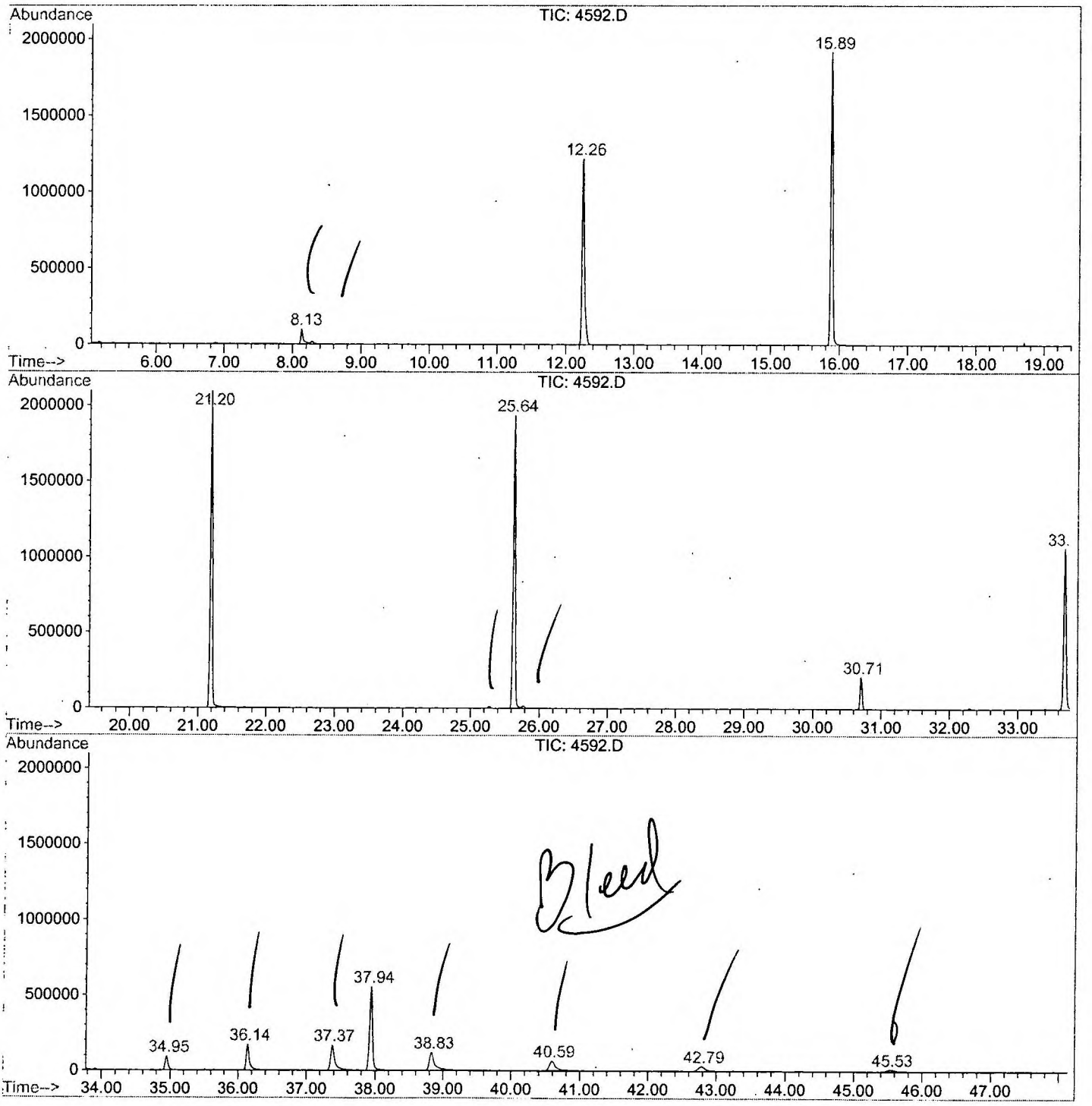
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	332	336	349	rBV	98108	243177	5.53%	1.047%
2	12.255	779	785	803	rVB	1214736	2999818	68.27%	12.916%
3	15.890	1174	1181	1198	rBV	1914890	3985507	90.71%	17.161%
4	21.197	1752	1759	1777	rBV	2094816	4393878	100.00%	18.919%
5	25.640	2236	2243	2254	rBV	1934483	4164882	94.79%	17.933%
6	30.707	2790	2795	2802	rBV	212026	422016	9.60%	1.817%
7	33.700	3112	3121	3132	rBV2	1063862	2569111	58.47%	11.062%
8	34.949	3250	3257	3272	rBV	93491	260547	5.93%	1.122%
9	36.142	3380	3387	3409	rBV	170156	546770	12.44%	2.354%
10	37.372	3513	3521	3546	rBV	165876	693637	15.79%	2.987%
11	37.942	3573	3583	3600	rBV2	555028	1656776	37.71%	7.134%
12	38.832	3669	3680	3706	rBV2	117073	624929	14.22%	2.691%
13	40.595	3861	3872	3892	rBV2	63601	386122	8.79%	1.663%
14	42.789	4097	4111	4128	rBV4	31607	209515	4.77%	0.902%
15	45.534	4401	4410	4423	rVB5	10648	68160	1.55%	0.293%

Sum of corrected areas: 23224845

4592.D GCMS0308.M Thu Mar 28 16:27:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4592.D
Operator :
Acquired : 26 Mar 2002 4:38 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 8
Quant File :GCMS0308.RES (RTE Integrator)



4592.D GCMS0308.M Thu Mar 28 16:27:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

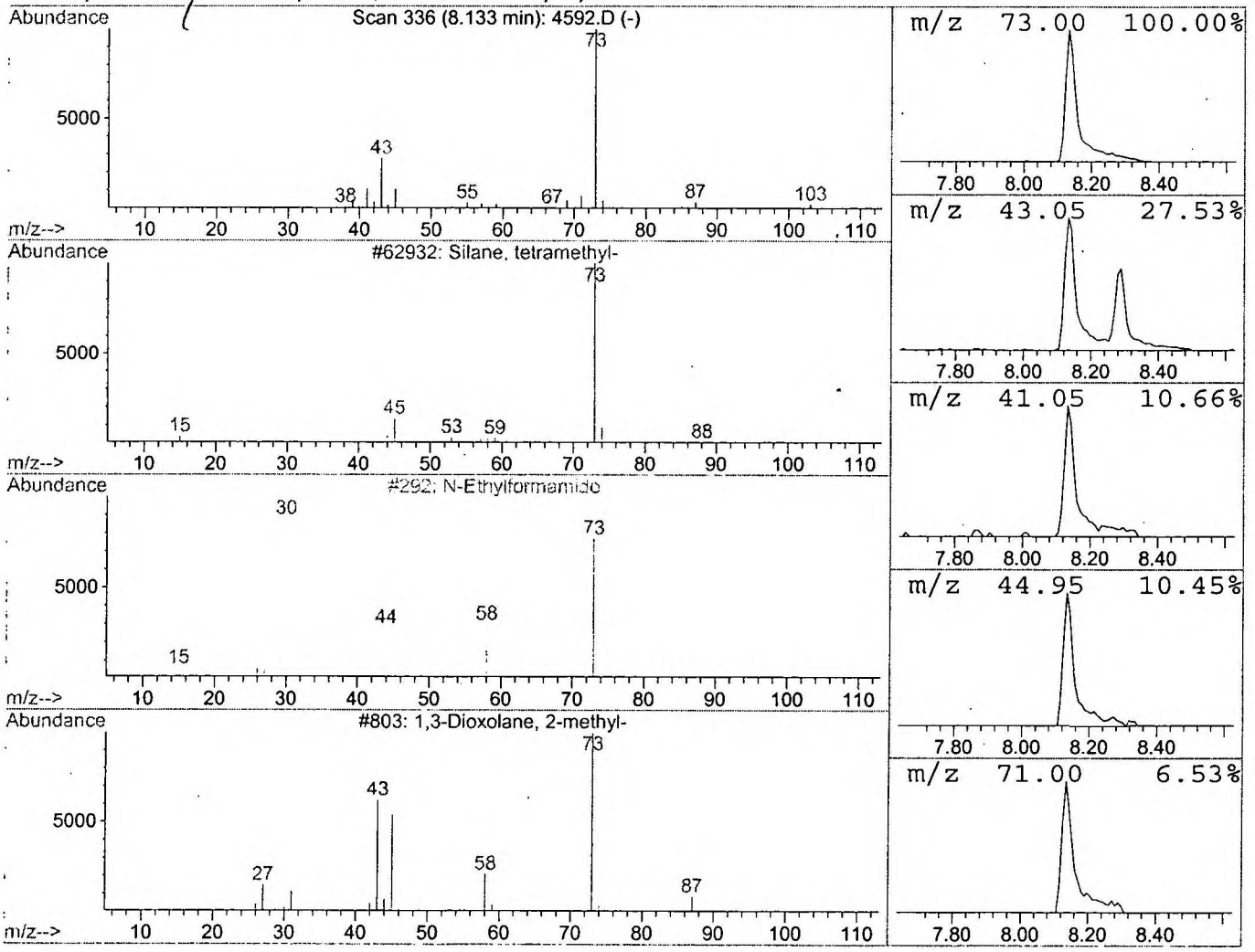
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.62 ug/l	243177	1,4-Dichlorobenzene-d4	12.26

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

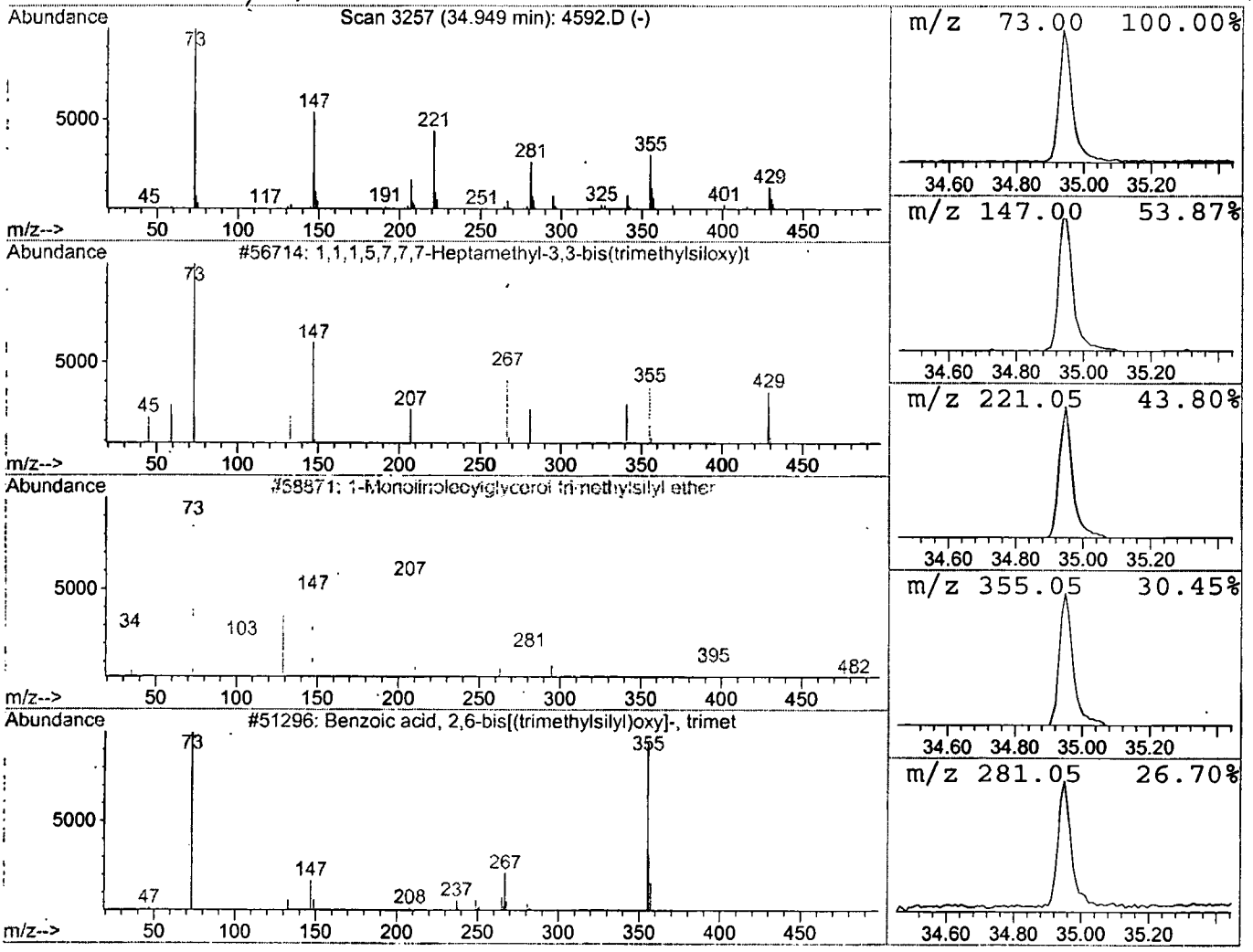
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.95	2.03 ug/l	260547	Chrysene-d12	33.70

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	25
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	23
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	14
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	14



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

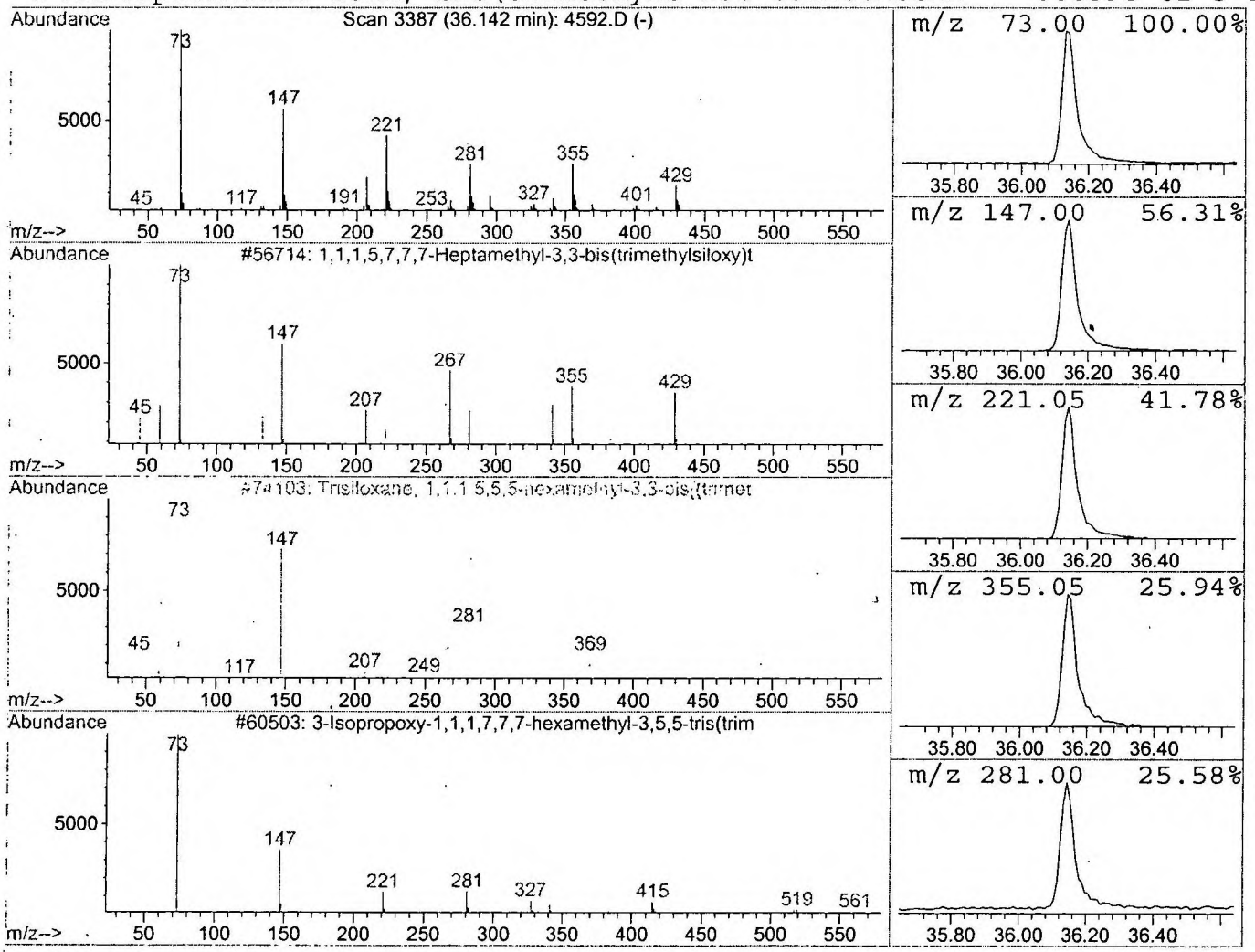
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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.
36.14	6.60 ug/l	546770	Perylene-d12	37.94

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	28
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

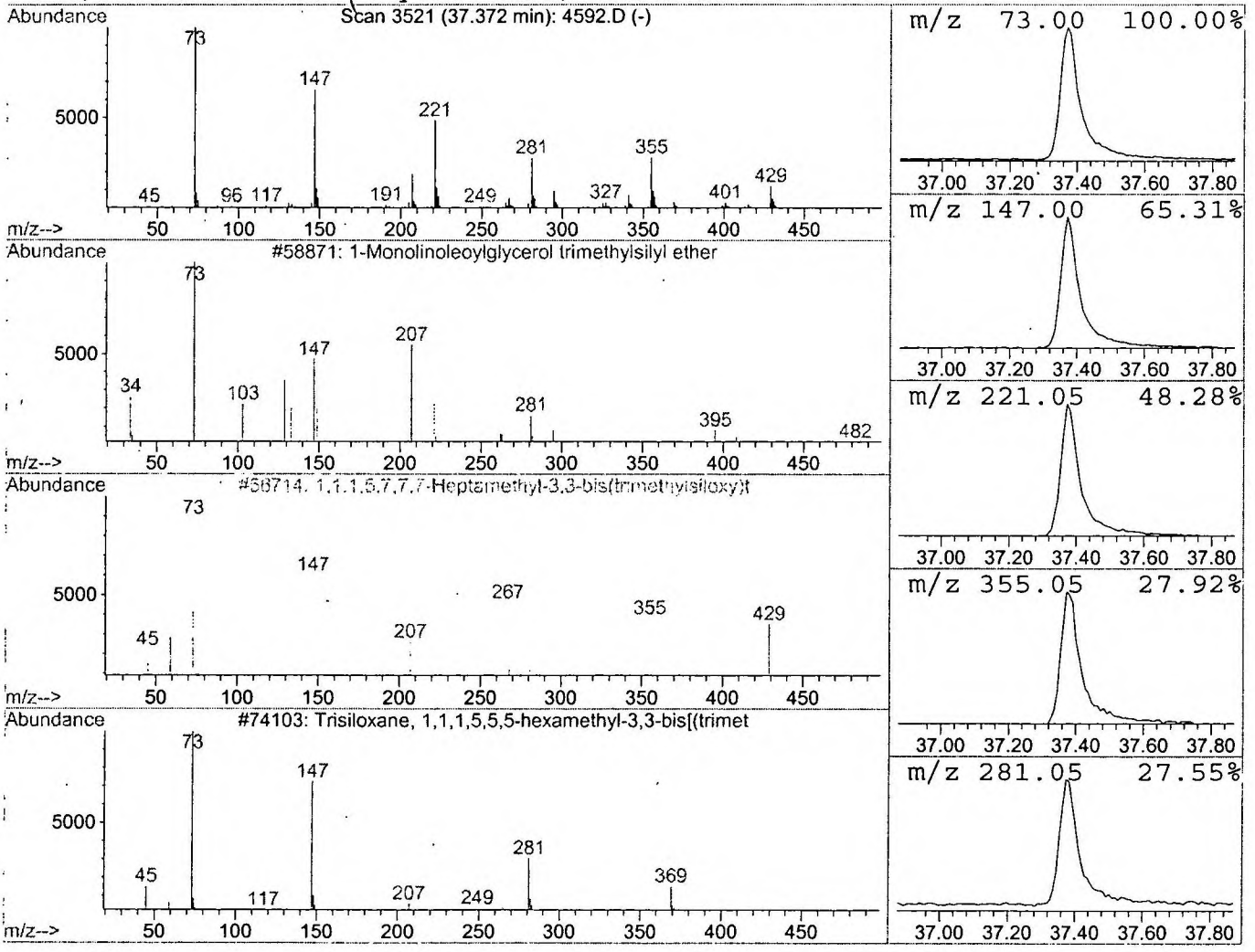
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Monolinoleoylglycerol trimet Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.37	8.37 ug/l	693637	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4592.D Vial: 8
Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

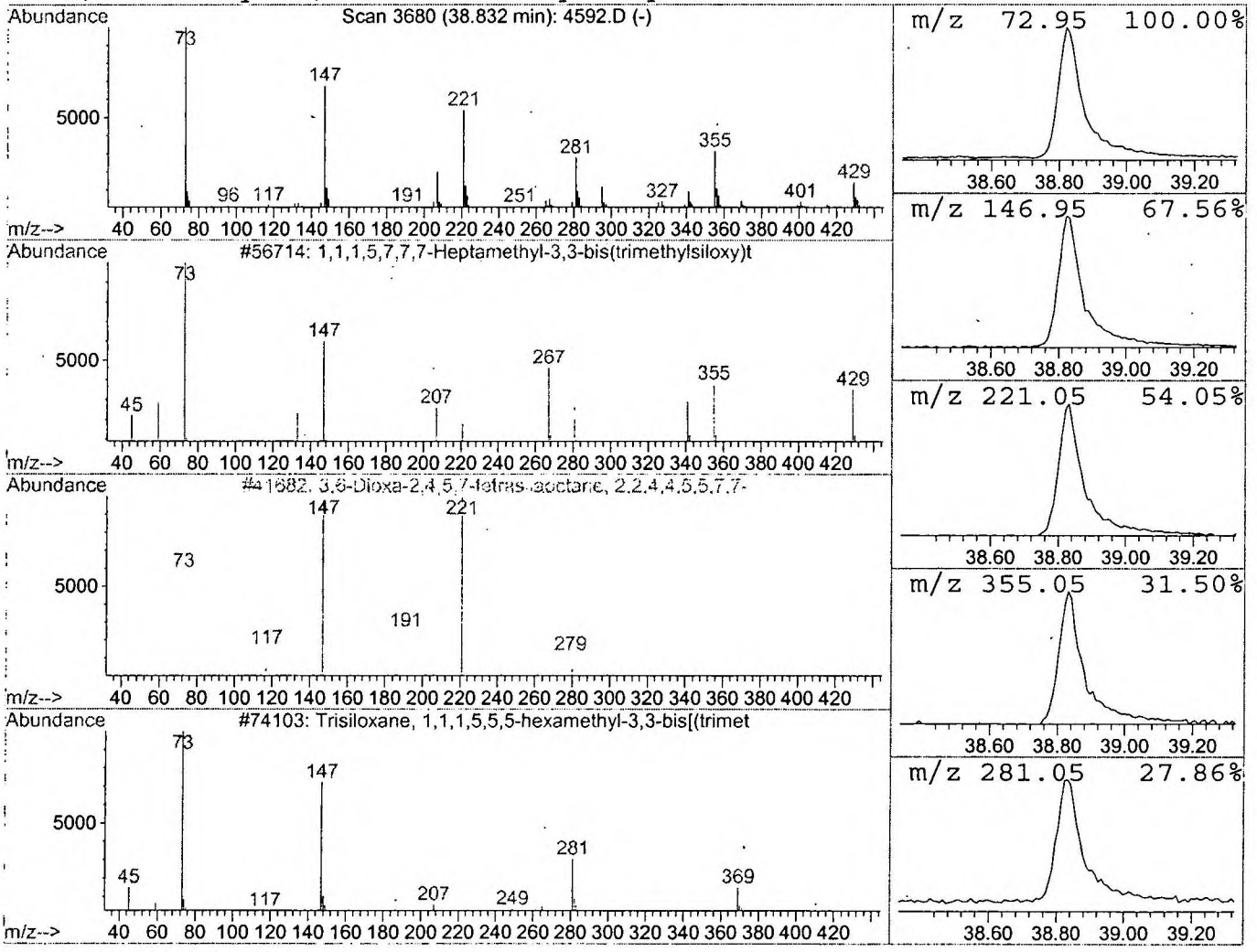
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.83	7.54 ug/l	624929	Perylene-d12	37.94

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	28
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12



Library Search Compound Report

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Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

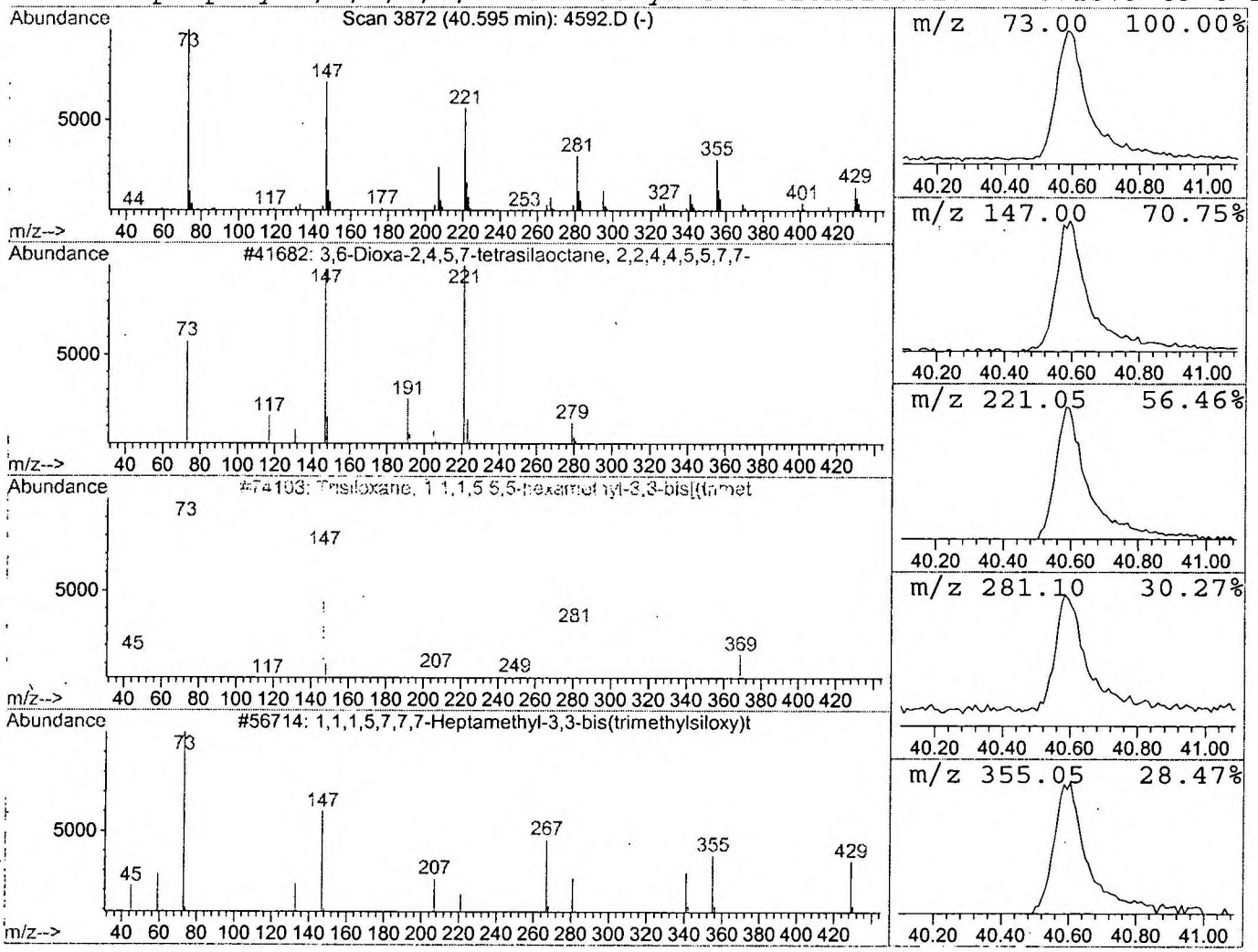
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.59	4.66 ug/l	386122	Perylene-d12	37.94

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	22
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	13
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10



Library Search Compound Report

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Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

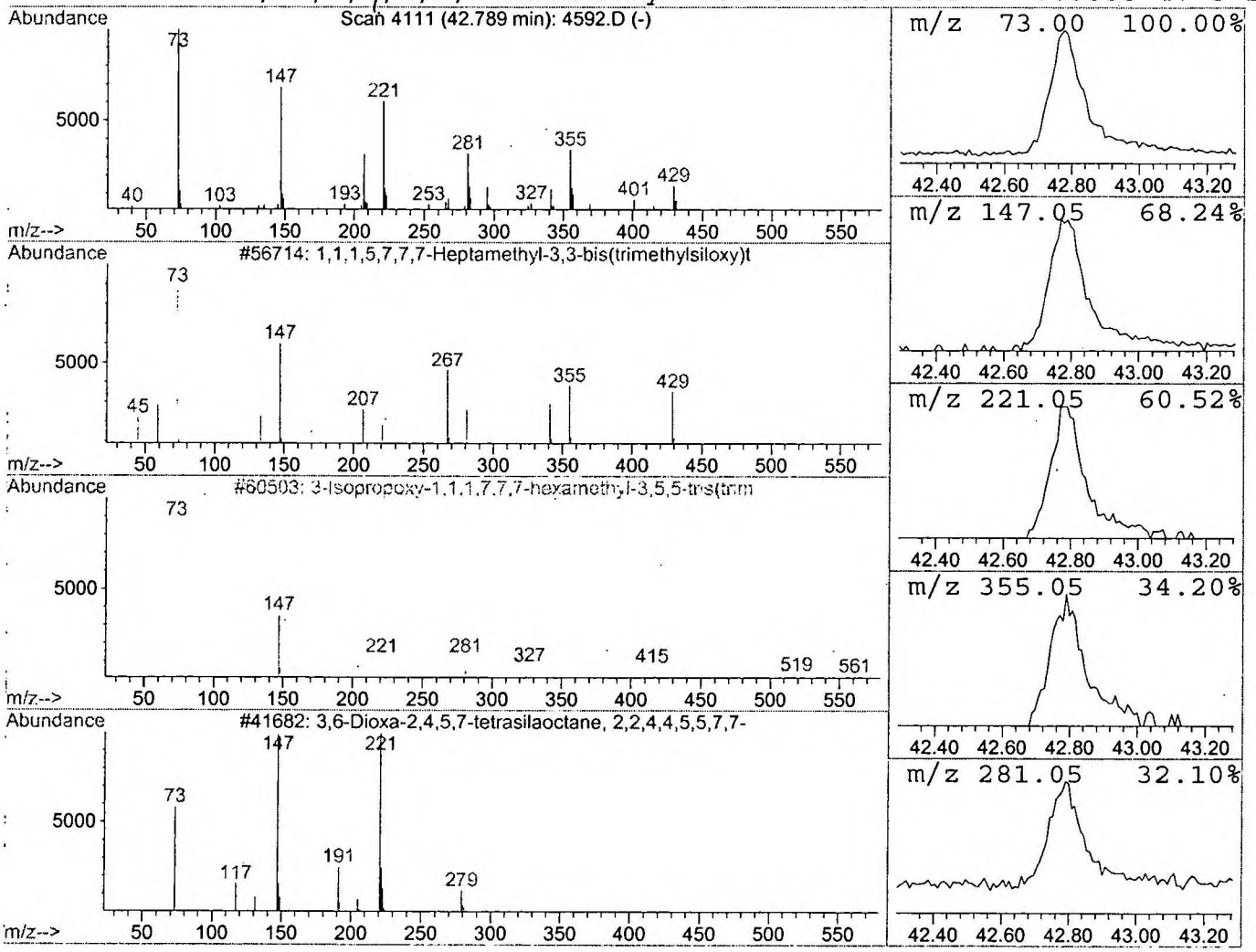
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.79	2.53 ug/l	209515	Perylene-d12	37.94

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	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	32
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22



Library Search Compound Report

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Acq On : 26 Mar 2002 4:38 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
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MS Integration Params: LSCINT.P

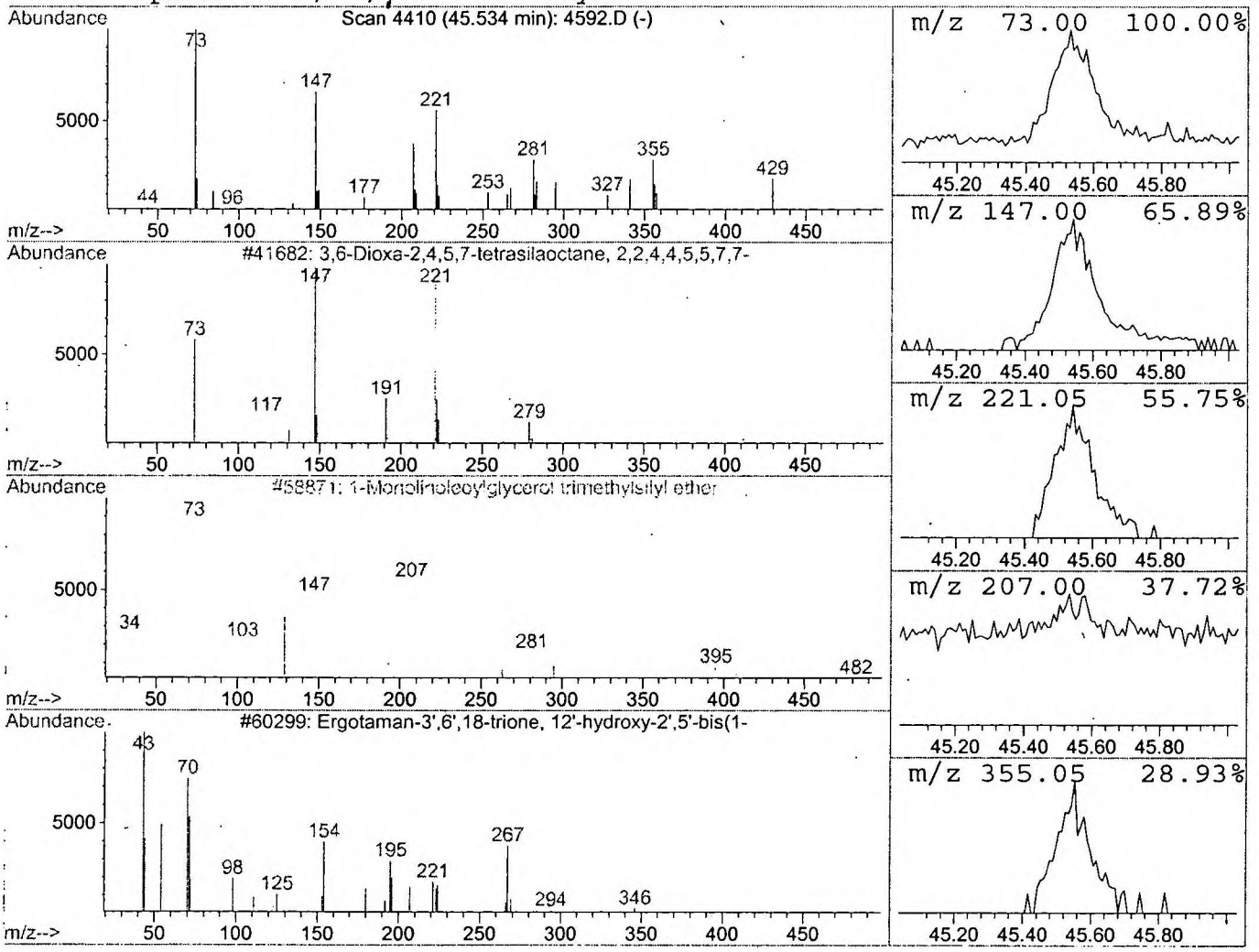
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.53	0.82 ug/l	68160	Perylene-d12	37.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	35
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	17
3	Ergotaman-3',6',18-trione, 12'-hydr	561	C31H39N5O5	000564-36-3	10
4	Benzophenone-2,4',5-tricarboxylic a	356	C19H16O7	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 4:38 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4592.D
Name: gc/ms scan 3/4
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	1.6	ug/l	243177	ISTD01	12.26	2999820	20.0
1,1,1,5,7,7,7-Heptam	34.95	2.0	ug/l	260547	ISTD05	33.70	2569110	20.0
1,1,1,5,7,7,7-Heptam	36.14	6.6	ug/l	546770	ISTD06	37.94	1656780	20.0
1-Monolinoleoylglyce	37.37	8.4	ug/l	693637	ISTD06	37.94	1656780	20.0
1,1,1,5,7,7,7-Heptam	38.83	7.5	ug/l	624929	ISTD06	37.94	1656780	20.0
3,6-Dioxa-2,4,5,7-te	40.59	4.7	ug/l	386122	ISTD06	37.94	1656780	20.0
1,1,1,5,7,7,7-Heptam	42.79	2.5	ug/l	209515	ISTD06	37.94	1656780	20.0
3,6-Dioxa-2,4,5,7-te	45.53	0.8	ug/l	68160	ISTD06	37.94	1656780	20.0

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