User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 15:46:19

Sample: AE01803
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 15:45 Ended: 3/6/02 15:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		5.0

Comments for Sample AE01803 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 15:46:57

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 above its acceptance range.

Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:42 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.32	152	256150	20.00	ug/l	-0.03
10) Naphthalene-d8	15.96	136	976500	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	511919	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	705030	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	466128	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	311504	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	38873	5.28	ug/mL	0.29
Spiked Amount 5.000			Recovery = 105.60%			
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	16.02	128	188	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	0.00	149	0	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

Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:42 2002 Quant Results File: GCMS0208.RES

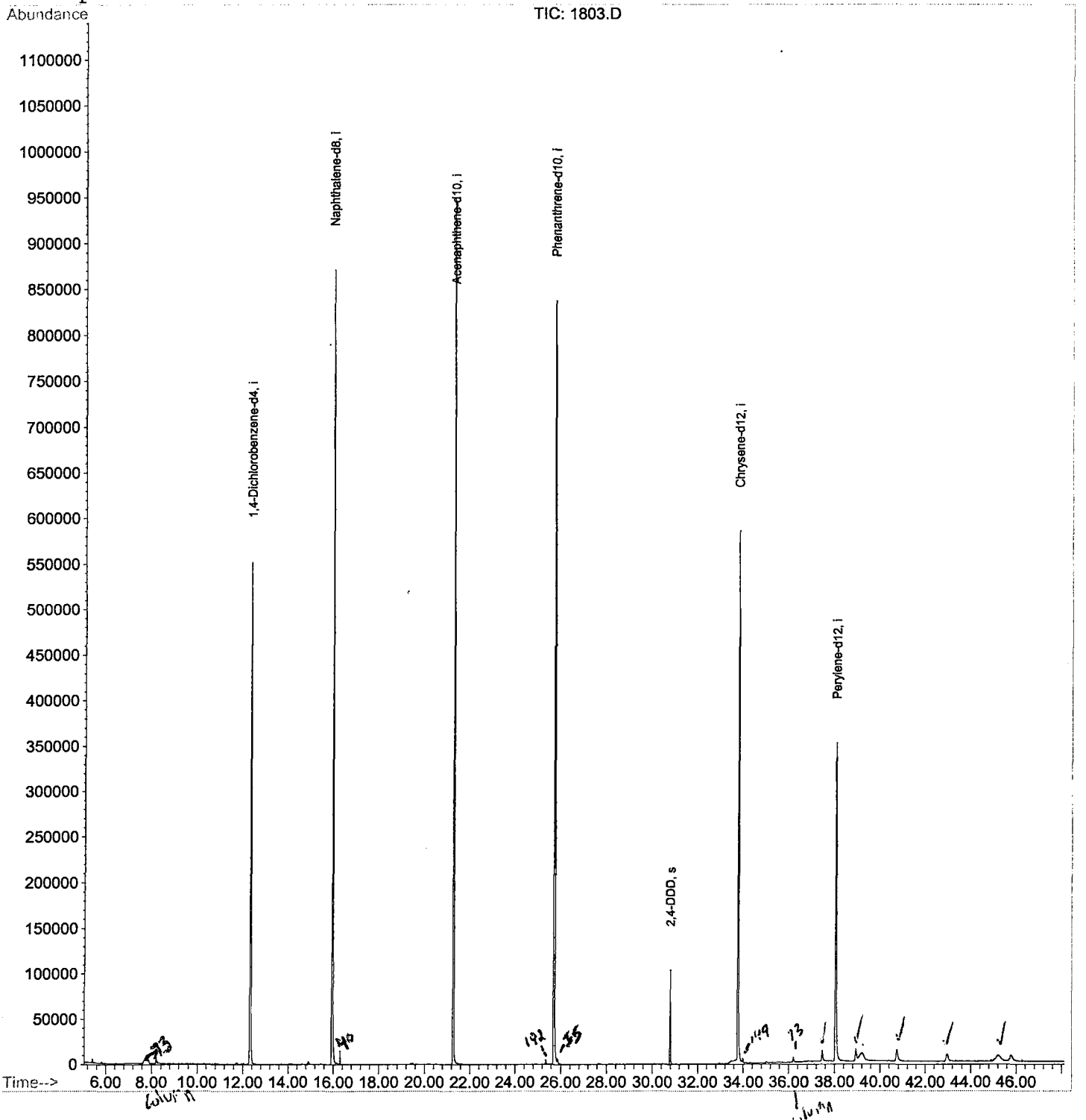
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	2048	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	33.77	228	1461	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	3944	N.D.	
43)	Chrysene	33.87	228	489	N.D.	
45)	Di-n-Octylphthalate	35.73	149	640	N.D.	
46)	Benzo(b)fluoranthene	36.86	252	346	N.D.	
47)	Benzo(k)fluoranthene	36.92	252	400	N.D.	
48)	Benzo(a)pyrene	38.05	252	1053	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

Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:42 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

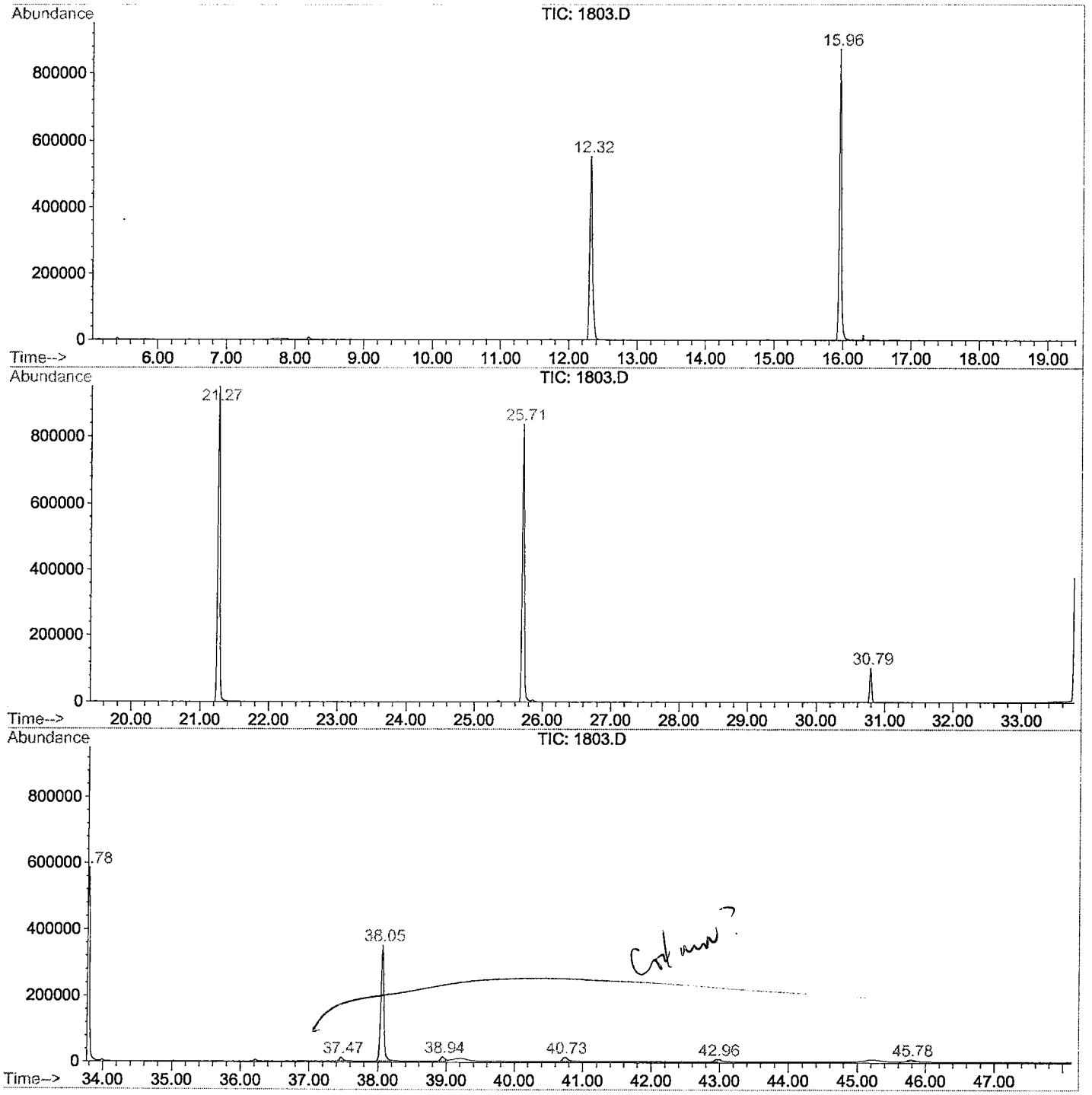
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.321	787	793	804	rBV	551611	1440668	71.87%	14.315%
2	15.956	1183	1189	1207	rBV	871315	1890140	94.30%	18.781%
3	21.271	1761	1768	1786	rBV	950393	2004426	100.00%	19.917%
4	25.715	2246	2252	2264	rBV2	837635	1846429	92.12%	18.347%
5	30.791	2800	2805	2813	rVB	103996	203012	10.13%	2.017%
6	33.784	3124	3131	3145	rVB2	582273	1389689	69.33%	13.808%
7	37.465	3525	3532	3541	rBV	11802	38120	1.90%	0.379%
8	38.053	3588	3596	3612	rBV2	349831	1075568	53.66%	10.687%
9	38.944	3686	3693	3701	rBV3	13395	55577	2.77%	0.552%
10	40.734	3880	3888	3899	rBV4	12753	66732	3.33%	0.663%
11	42.964	4120	4131	4132	rBV2	7521	25737	1.28%	0.256%
12	45.783	4432	4438	4450	rVB5	5249	28009	1.40%	0.278%

Sum of corrected areas: 10064107

1803.D GCMS0208.M Thu Feb 28 11:53:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1803.D
Operator :
Acquired : 26 Feb 2002 5:30 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25 fb
Misc Info :
Vial Number: 29
Quant File :GCMS0208.RES (RTE Integrator)



1803.D GCMS0208.M Thu Feb 28 11:53:57 2002

Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

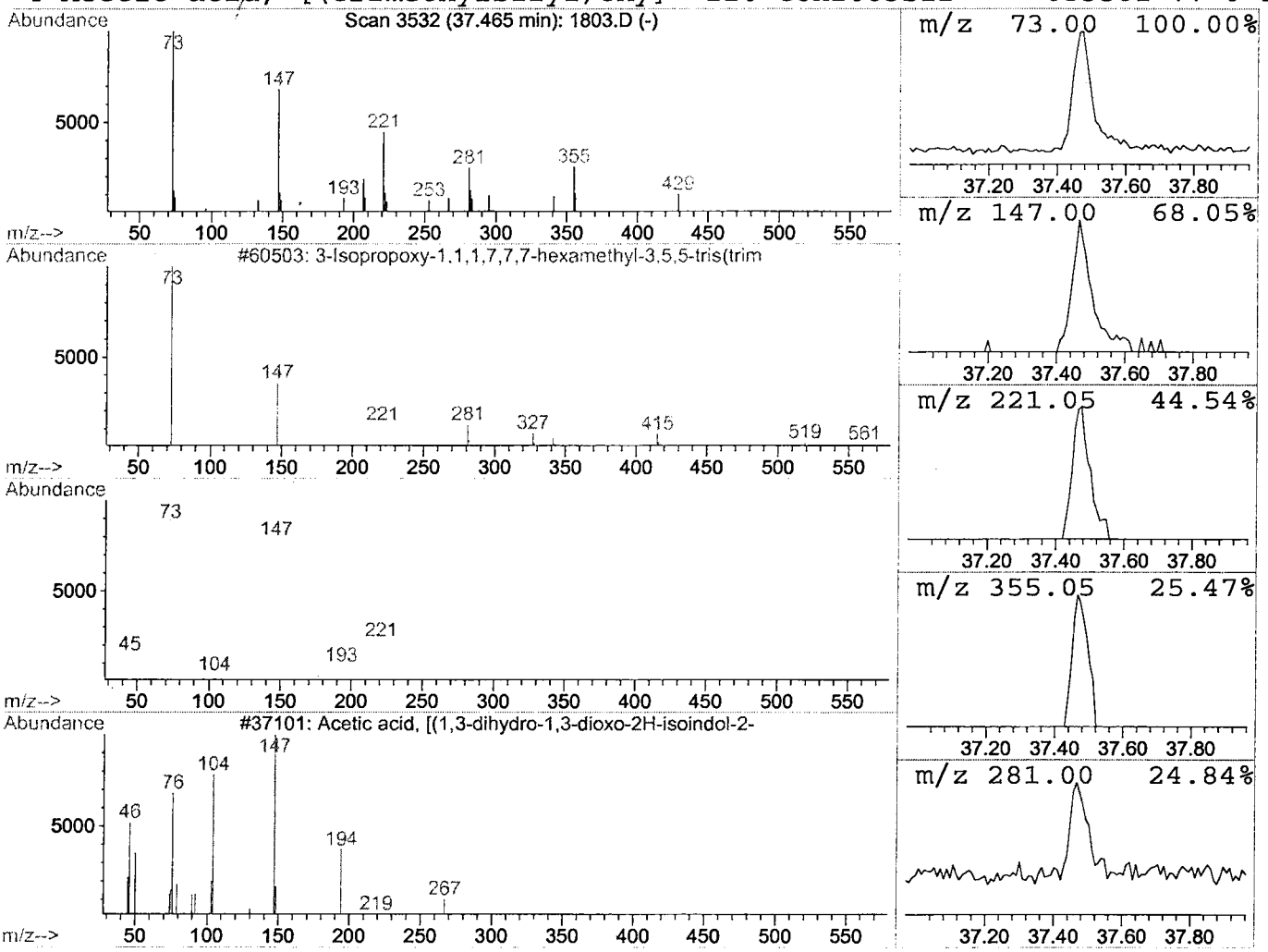
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.47	0.71 ug/l	38120	Perylene-d12	38.05

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	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
3	Acetic acid, [(1,3-dihydro-1,3-diox	267	C11H9NO5S	042300-59-4	10
4	Acetic acid, [(trimethylsilyl)oxy]-	220	C8H20O3Si2	033581-77-0	10



Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

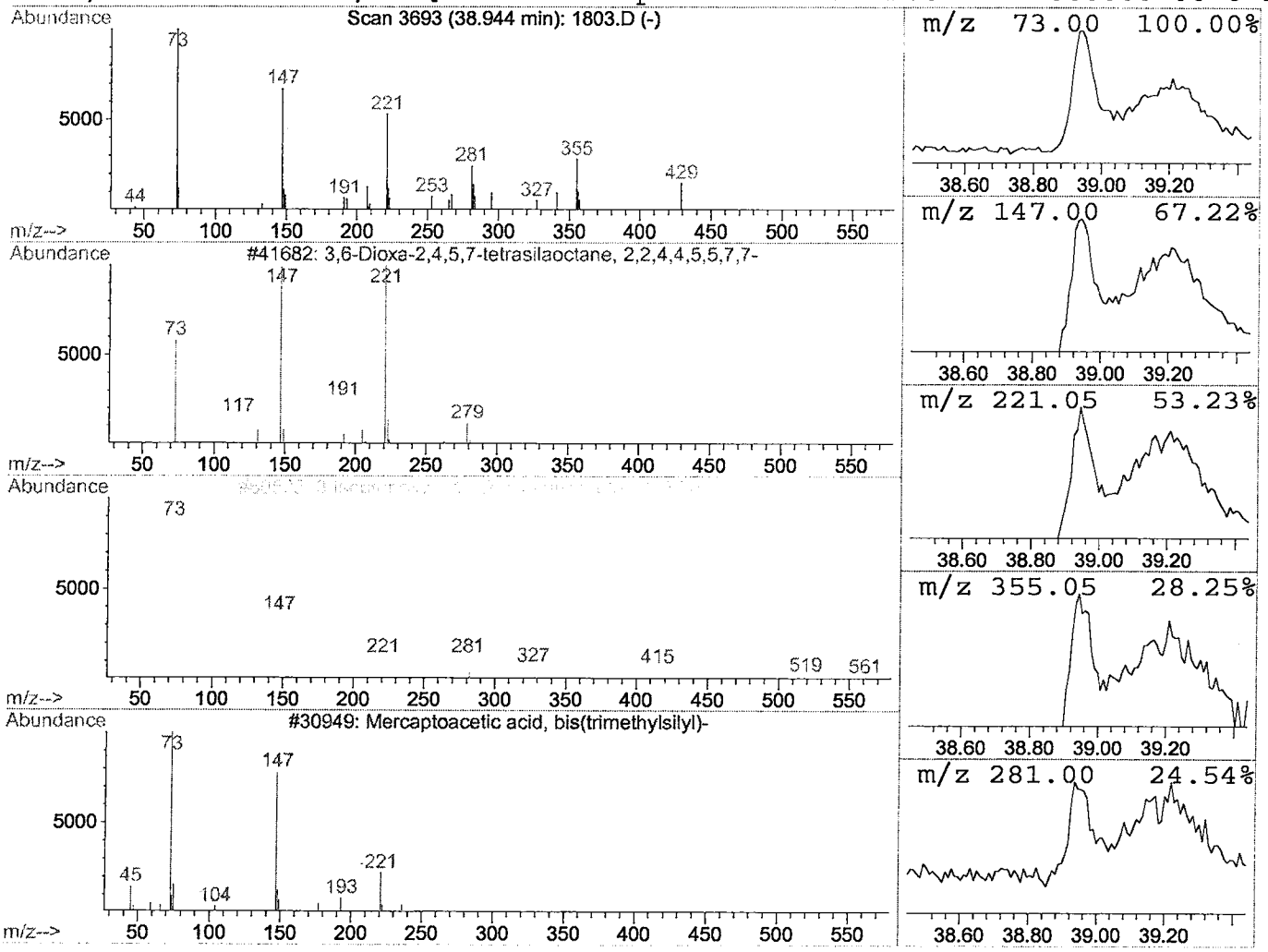
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.94	1.03 ug/l	55577	Perylene-d12	38.05

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	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	14
4	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10



Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

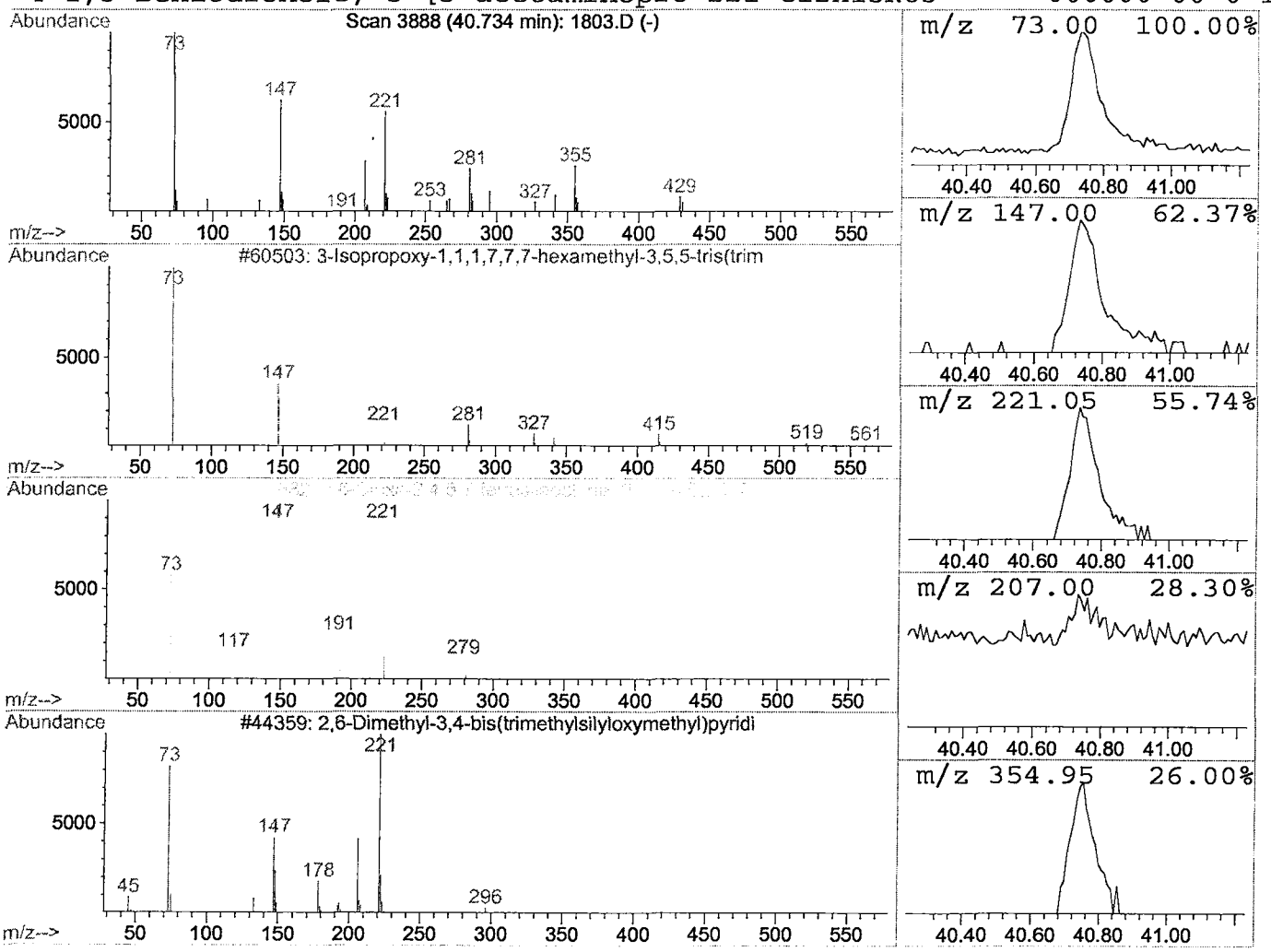
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.73	1.24 ug/l	66732	Perylene-d12	38.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	28
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16
4	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10



Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D Vial: 29
Acq On : 26 Feb 2002 5:30 pm Operator:
Sample : gc/ms scan 1/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

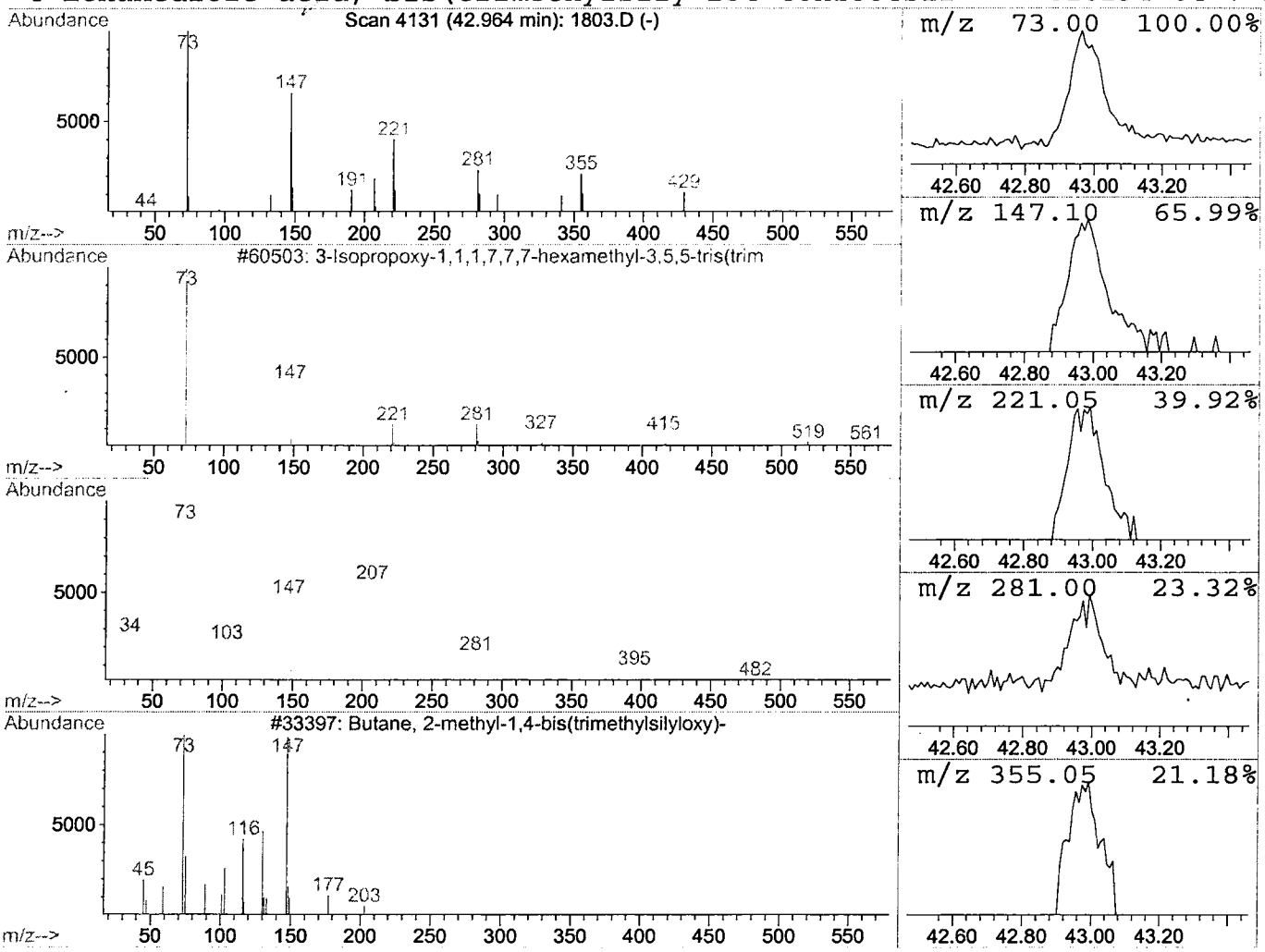
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.96	0.48 ug/l	25737	Perylene-d12	38.05

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	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
3	Butane, 2-methyl-1,4-bis(trimethyls	248	C11H28O2Si2	000000-00-0	9
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	9



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Data File : C:\HPCHEM\1\DATA\FEB2502\1803.D              Vial: 29
Acq On    : 26 Feb 2002    5:30 pm                    Operator:
Sample    : gc/ms scan 1/25 fb                        Inst    : GC/MS 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
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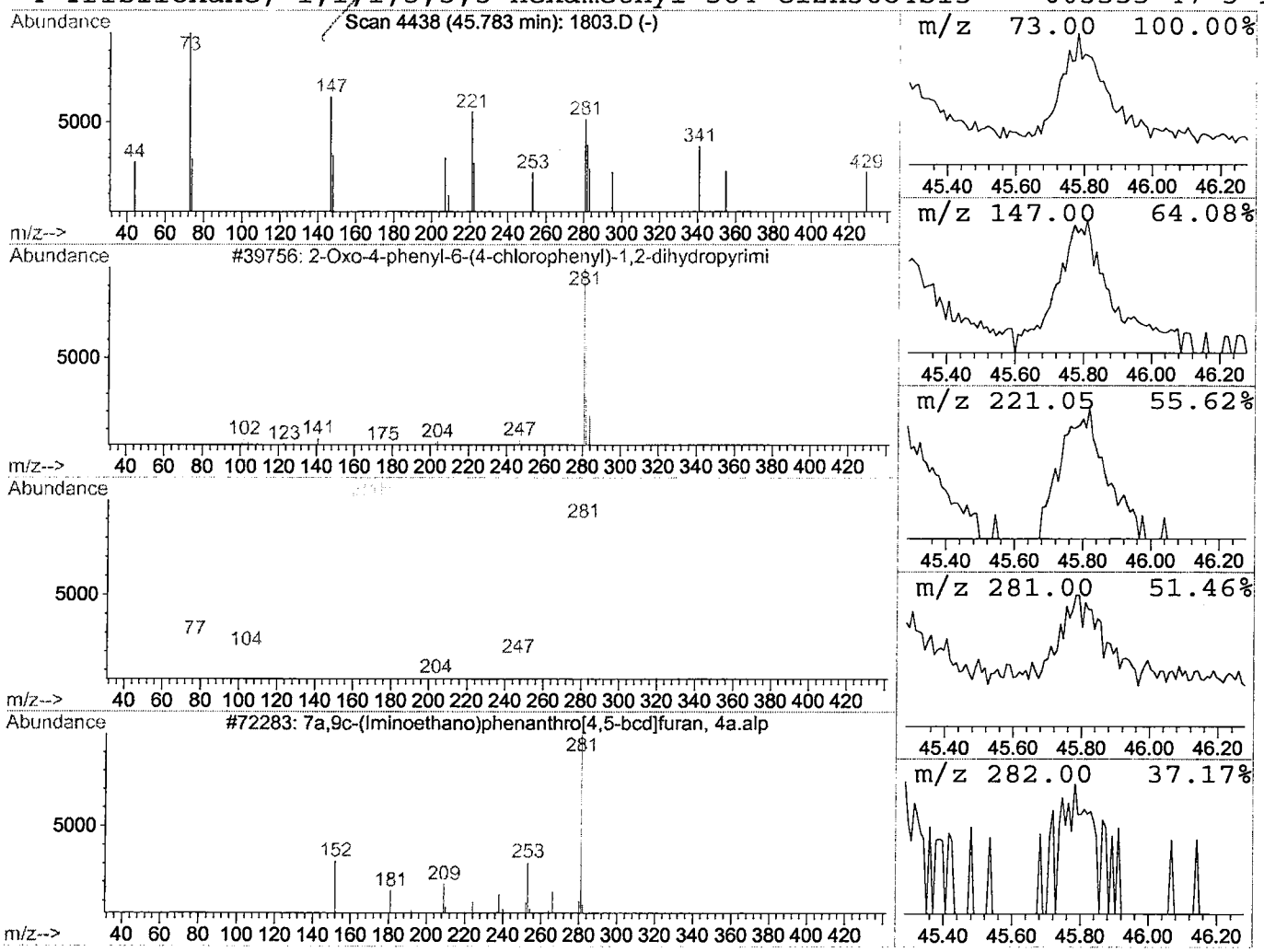
****

Peak Number 5 2-Oxo-4-phenyl-6-(4-chlorophen Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.78	0.52 ug/l	28009	Perylene-d12	38.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	10
2	2(1H)-Pyrimidinone, 5-chloro-4,6-di	282	C16H11ClN2O	028567-83-1	10
3	7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	9
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 5:30 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1803.D
Name: gc/ms scan 1/25 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Isopropoxy-1,1,1,7	37.47	0.7	ug/l	38120	ISTD06	38.05	1075570	20.0
3,6-Dioxa-2,4,5,7-te	38.94	1.0	ug/l	55577	ISTD06	38.05	1075570	20.0
3-Isopropoxy-1,1,1,7	40.73	1.2	ug/l	66732	ISTD06	38.05	1075570	20.0
3-Isopropoxy-1,1,1,7	42.96	0.5	ug/l	25737	ISTD06	38.05	1075570	20.0
2-Oxo-4-phenyl-6-(4-	45.78	0.5	ug/l	28009	ISTD06	38.05	1075570	20.0

1803.D GCMS0208.M Thu Feb 28 11:54:24 2002