User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 09:35:00

Sample: AE02971
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 09:34 Ended: 2/15/02 09:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AE02971 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 09:35:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 7 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\2971.D Vial: 35
Acq On : 9 Feb 2002 6:21 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:48 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	470796	20.00	ug/l	0.00
10) Naphthalene-d8	16.00	136	1833465	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	988415	20.00	ug/l	0.00
29) Phenanthrene-d10	25.75	188	1433721	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	959580	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	630695	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	68164	3.82	ug/mL	0.33
Spiked Amount 5.000			Recovery = 76.40%			
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	16.05	128	501	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	22.77	149	3801	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\FEB0802\2971.D Vial: 35
Acq On : 9 Feb 2002 6:21 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:48 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

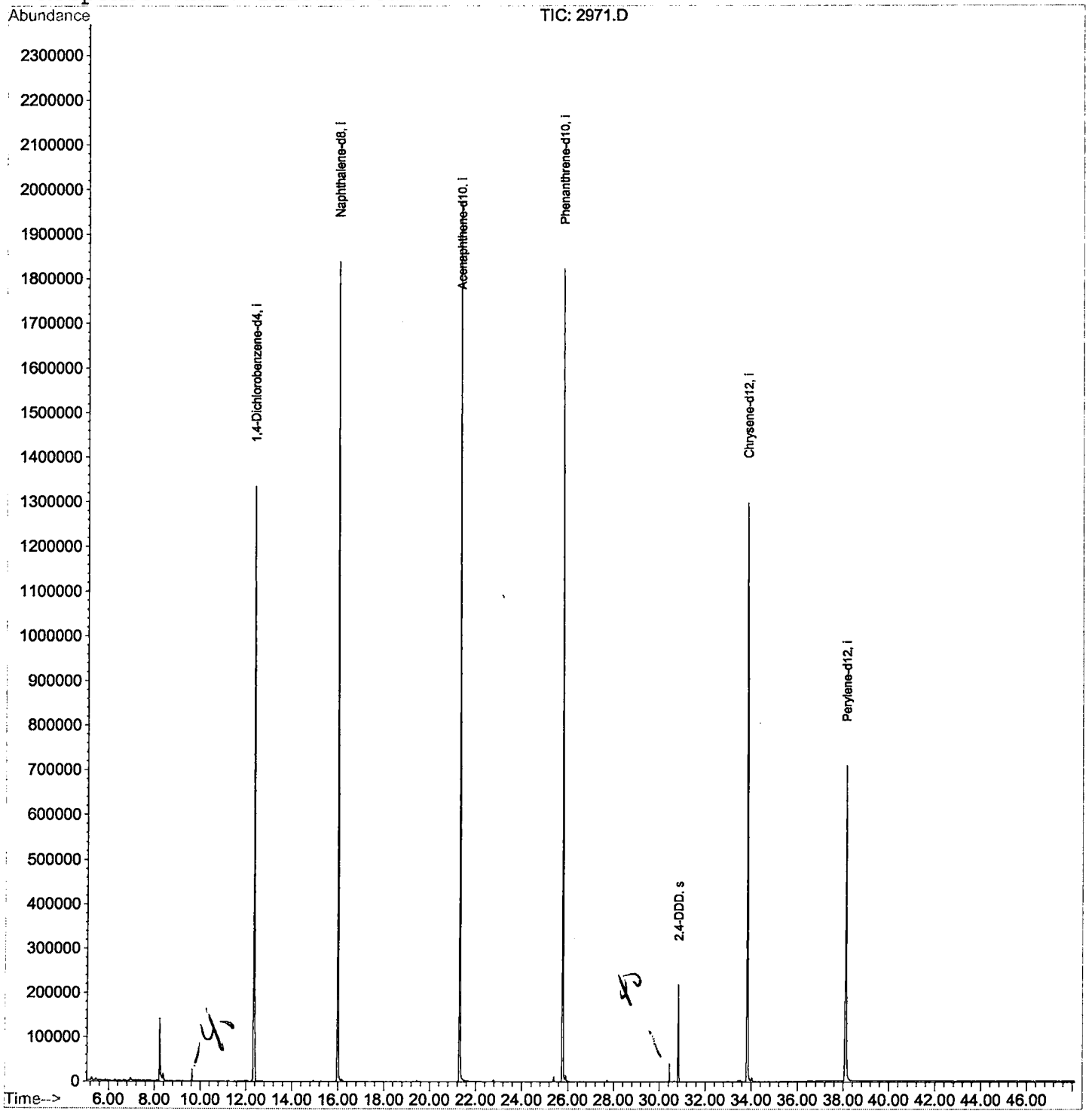
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.75	178	554	N.D.	
34)	Anthracene	25.75	178	554	N.D.	
35)	Di-n-butylphthalate	27.72	149	4966	N.D.	
36)	Fluoranthene	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	33.83	228	2519	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	4972	N.D.	
43)	Chrysene	33.83	228	2519	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.11	252	2734	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\FEB0802\2971.D Vial: 35
Acq On : 9 Feb 2002 6:21 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:48 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2971.D Vial: 35
Acq On : 9 Feb 2002 6:21 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 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

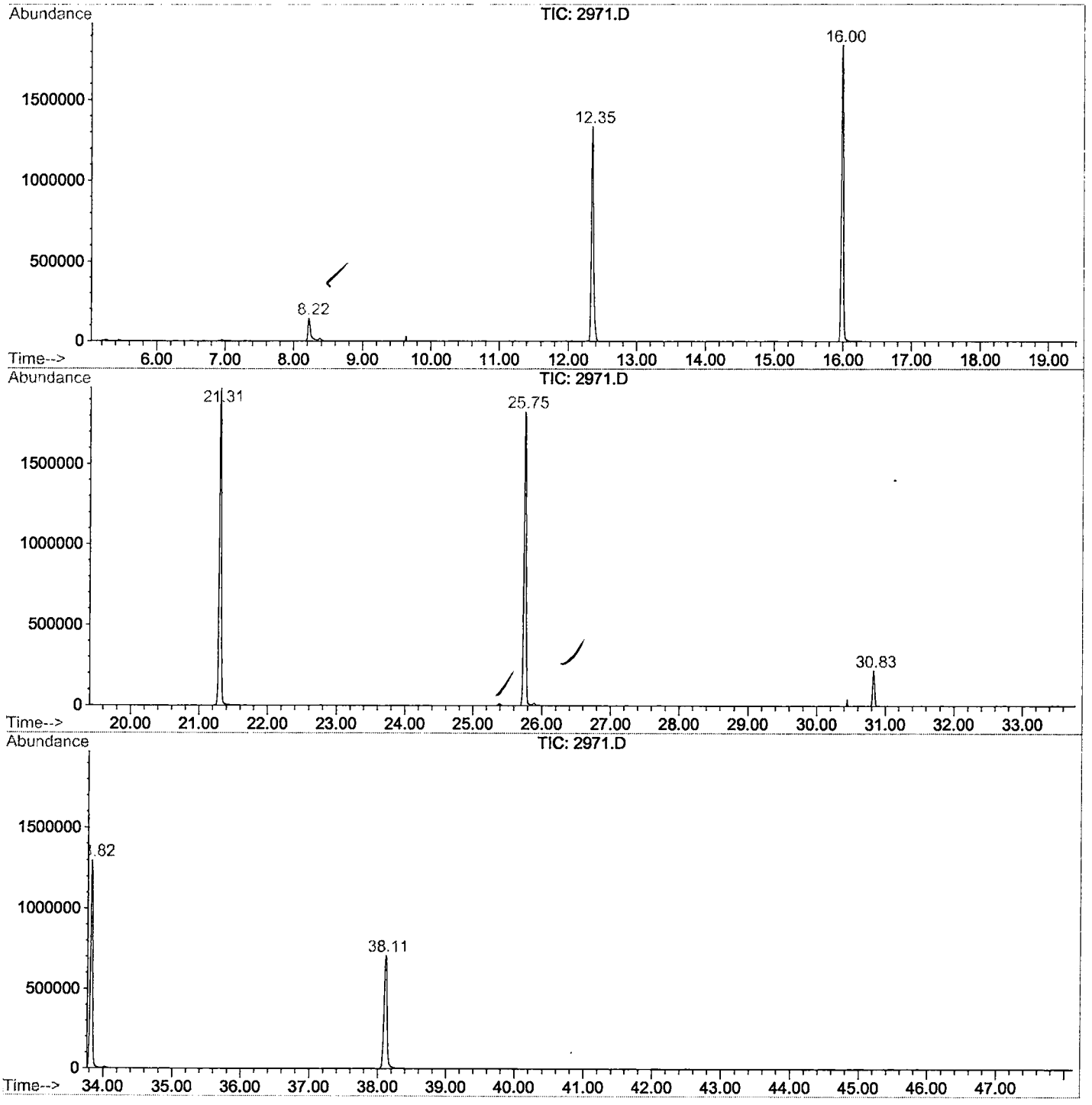
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.219	342	346	360	rBV	139952	340829	8.30%	1.649%
2	12.351	790	796	807	rVB	1332903	2969302	72.32%	14.364%
3	15.995	1186	1193	1208	rBV	1838306	3765862	91.72%	18.217%
4	21.311	1765	1772	1787	rBV	1972722	4105873	100.00%	19.862%
5	25.754	2249	2256	2267	rBV2	1822023	3965526	96.58%	19.183%
6	30.830	2804	2809	2815	rVB	217780	412102	10.04%	1.994%
7	33.823	3128	3135	3152	rBV	1296676	2931880	71.41%	14.183%
8	38.110	3593	3602	3622	rBV2	705414	2180421	53.10%	10.548%

Sum of corrected areas: 20671795

2971.D GCMS0208.M Wed Feb 13 11:11:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\2971.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 6:21 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/7
Misc Info :
Vial Number: 35
Quant File :GCMS0208.RES (RTE Integrator)



2971.D GCMS0208.M Wed Feb 13 11:11:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2971.D
Acq On : 9 Feb 2002 6:21 pm
Sample : GC/MS SCAN 2/7
Misc :
MS Integration Params: LSCINT.P

Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

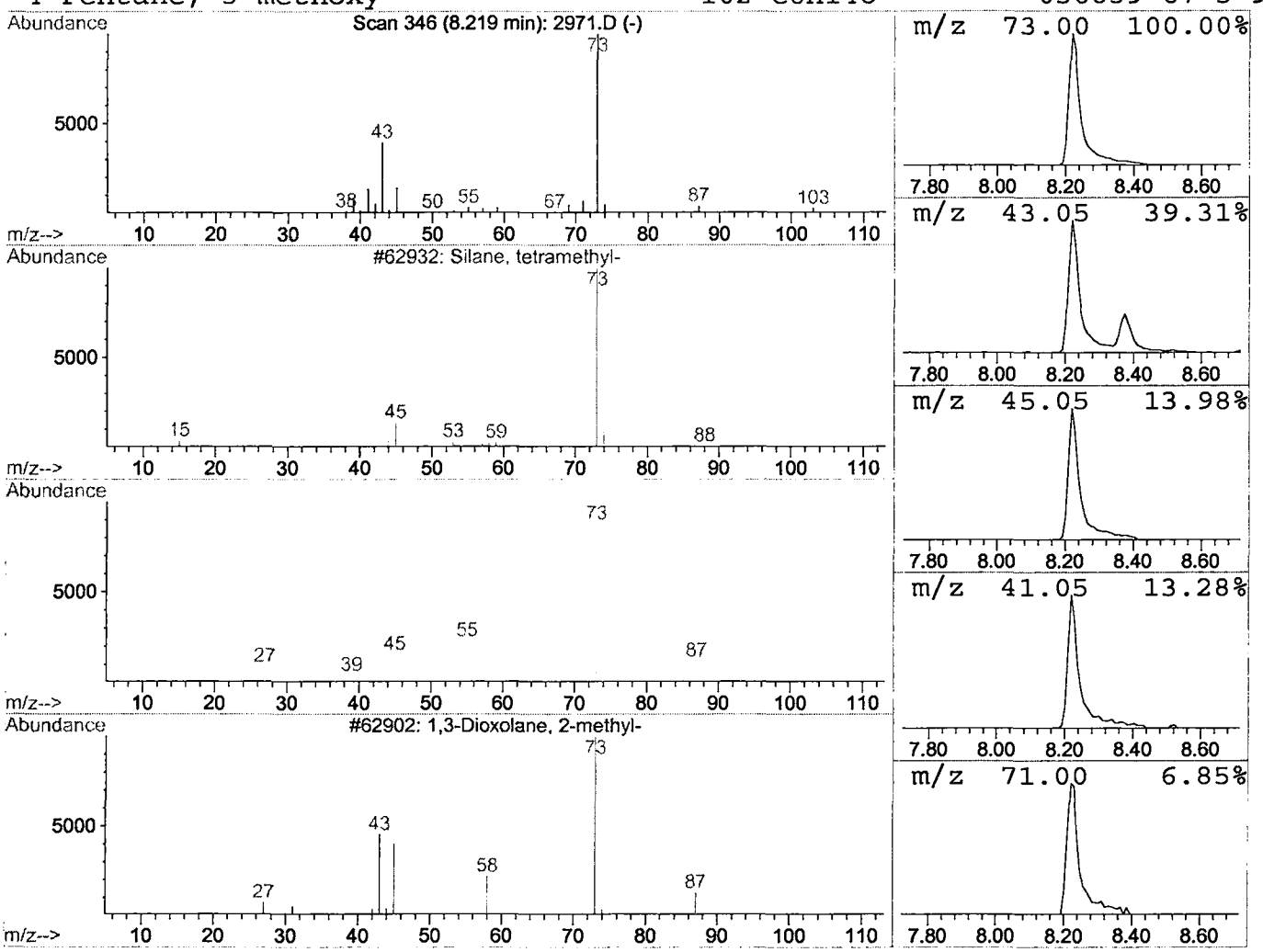
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.30 ug/l	340829	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 6:21 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\2971.D
Name: GC/MS SCAN 2/7
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
Silane, tetramethyl-	8.22	2.3	ug/l	340829	ISTD01	12.35	2969300	20.0

2971.D GCMS0208.M Wed Feb 13 11:11:25 2002