User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 09:34:01

Sample: AE03015
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 09:33 Ended: 2/15/02 09:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE03015 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 09:34:09

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\3015.D Vial: 39
Acq On : 9 Feb 2002 10:13 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 10:54 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	399133	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1542175	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	831740	20.00	ug/l	0.00
29) Phenanthrene-d10	25.75	188	1202583	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	818966	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	537207	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	60108	4.02	ug/mL	0.33
Spiked Amount 5.000			Recovery = 80.40%			
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	264	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	22.78	149	370	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)

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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	243	N.D.	
34)	Anthracene	25.75	178	243	N.D.	
35)	Di-n-butylphthalate	27.71	149	2377	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	33.82	228	2195	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	7392	N.D.	
43)	Chrysene	33.82	228	2196	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	2113	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

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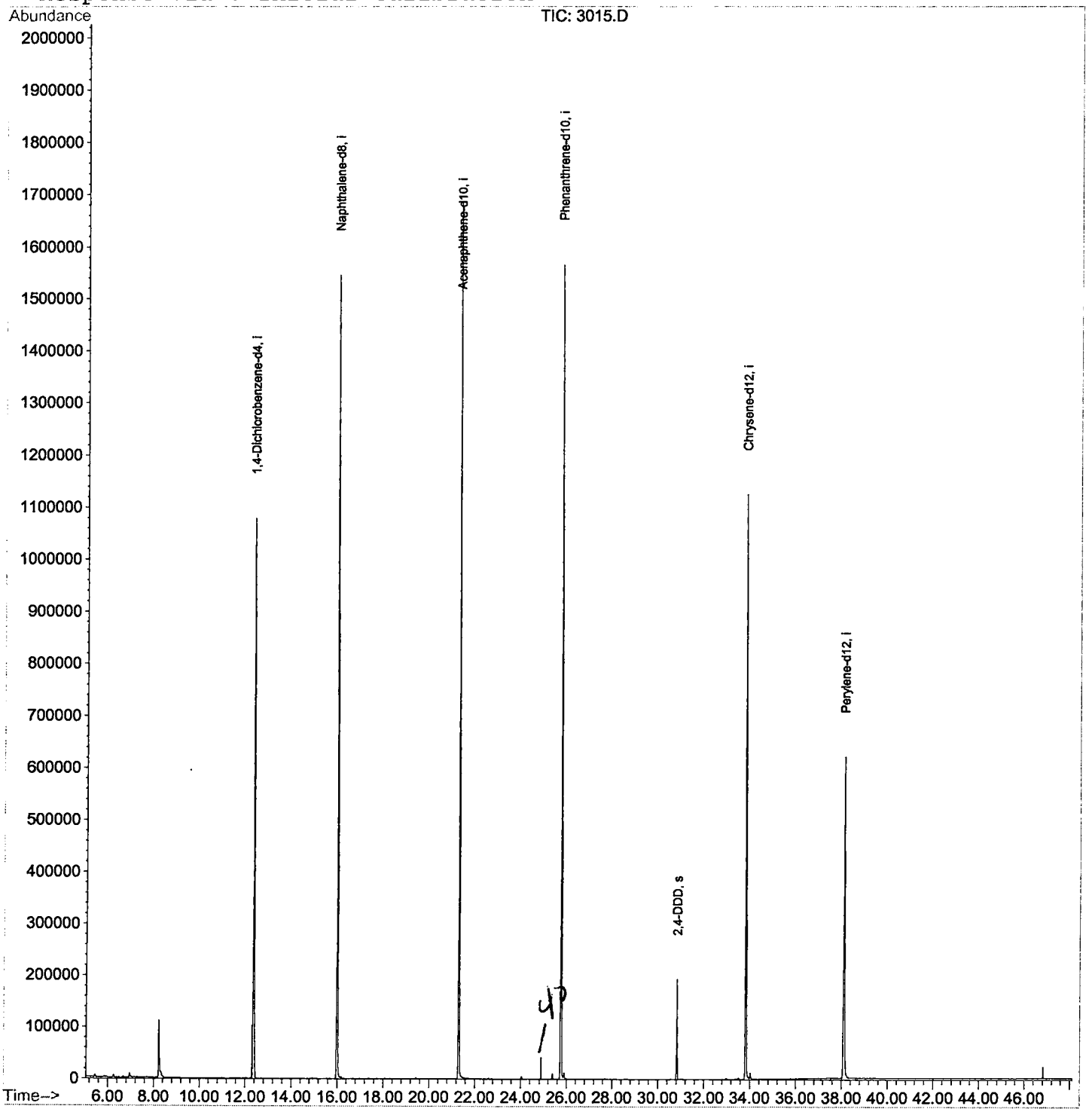
Acq On : 9 Feb 2002 10:13 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:54 2002 Quant Results File: GCMS0208.RES

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\3015.D Vial: 39
Acq On : 9 Feb 2002 10:13 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

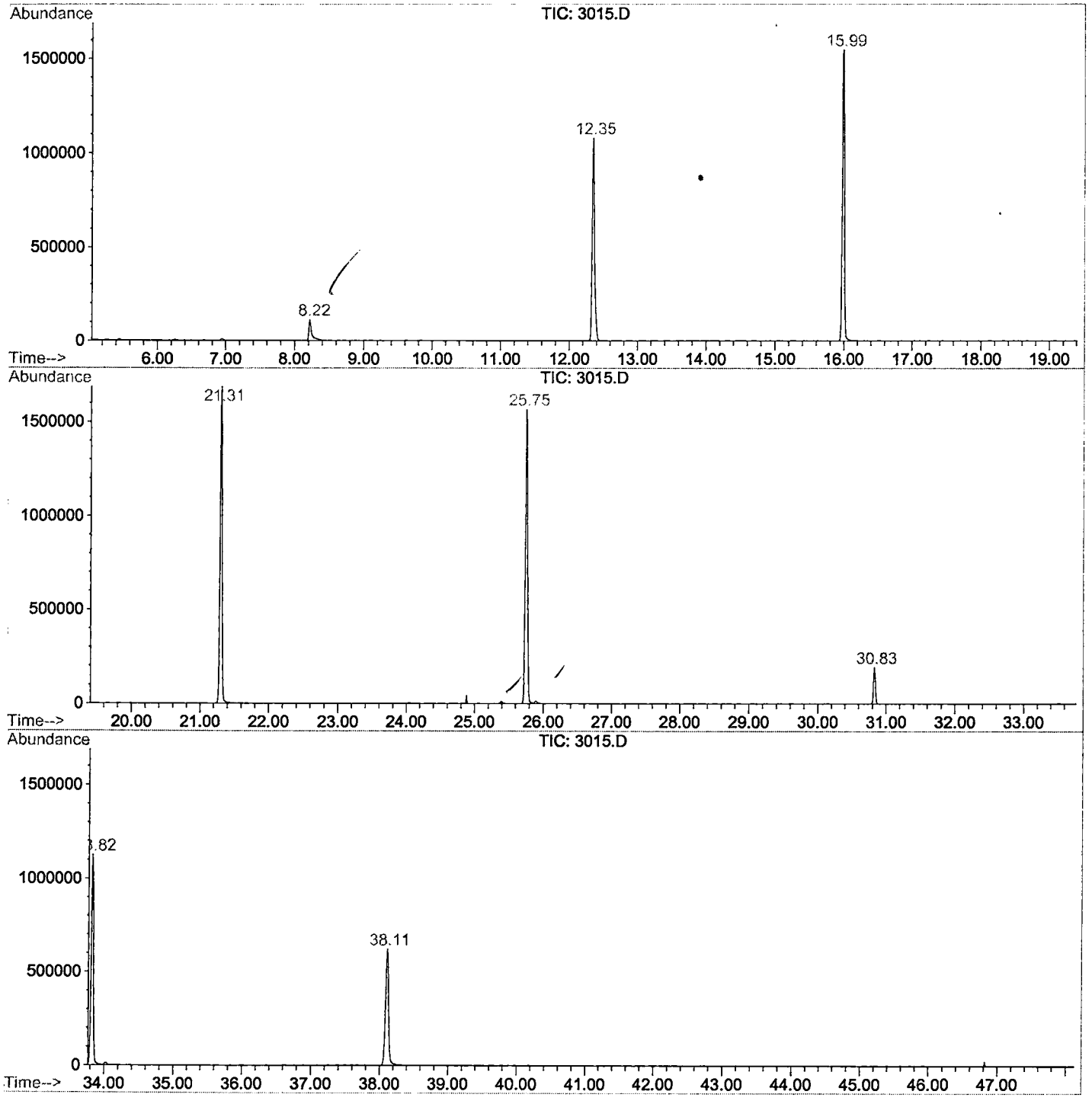
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.218	342	346	373	rVB	111257	321463	9.35%	1.832%
2	12.349	790	796	809	rVB	1077509	2534750	73.76%	14.441%
3	15.994	1186	1193	1209	rBV	1545933	3182156	92.60%	18.130%
4	21.309	1765	1772	1788	rBV	1687139	3436573	100.00%	19.580%
5	25.752	2249	2256	2267	rBV2	1566290	3331446	96.94%	18.981%
6	30.829	2804	2809	2815	rVB	193733	370058	10.77%	2.108%
7	33.822	3127	3135	3153	rBV2	1125257	2509043	73.01%	14.295%
8	38.109	3593	3602	3618	rBV2	620019	1866373	54.31%	10.633%

Sum of corrected areas: 17551862

3015.D GCMS0208.M Wed Feb 13 11:13:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\3015.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 10:13 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/7
Misc Info :
Vial Number: 39
Quant File :GCMS0208.RES (RTE Integrator)



3015.D GCMS0208.M Wed Feb 13 11:14:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\3015.D
Acq On : 9 Feb 2002 10:13 pm
Sample : GC/MS SCAN 2/7
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

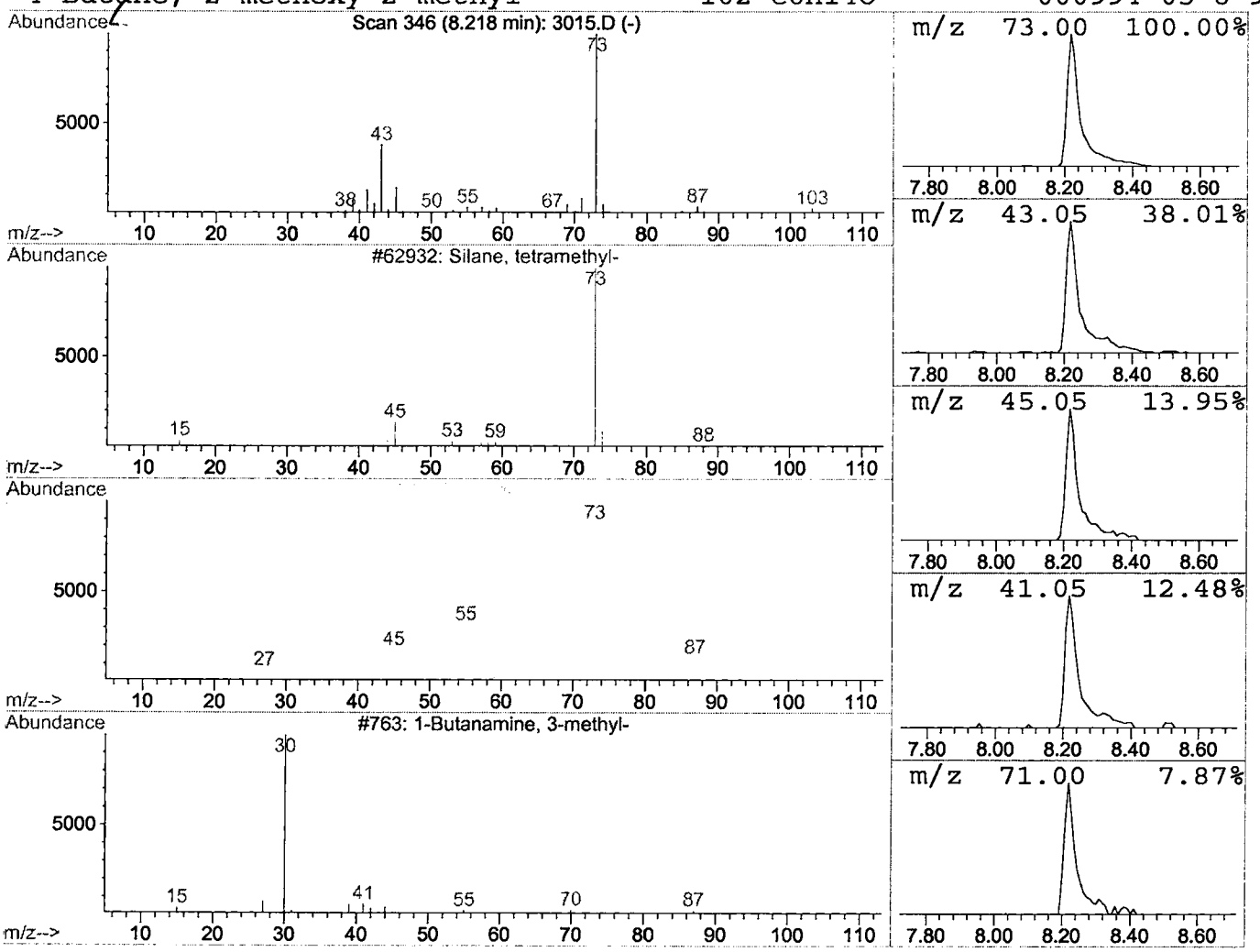
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.54 ug/l	321463	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 10:13 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\3015.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	2.5	ug/l	321463	ISTD01	12.35	2534750	20.0

3015.D GCMS0208.M Wed Feb 13 11:14:10 2002