User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 08:18:04

Sample: AD31456
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 08:17 Ended: 2/13/02 08:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AD31456 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 08:19:14

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges. The pH of this sample when received was less than 2.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31456.D Vial: 10
Acq On : 16 Jan 2002 8:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:47 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.49	152	745261	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2863767	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.35	164	1447322	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	1928757	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	947390	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	534641	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.86	235	116714	5.27	ug/mL	-0.21
Spiked Amount 5.000			Recovery = 105.40%			
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	15.15	128	647	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.89	165	176	N.D.		
25) Diethylphthalate	21.88	149	1646	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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Acq On : 16 Jan 2002 8:26 pm Operator: 209 GALOS
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

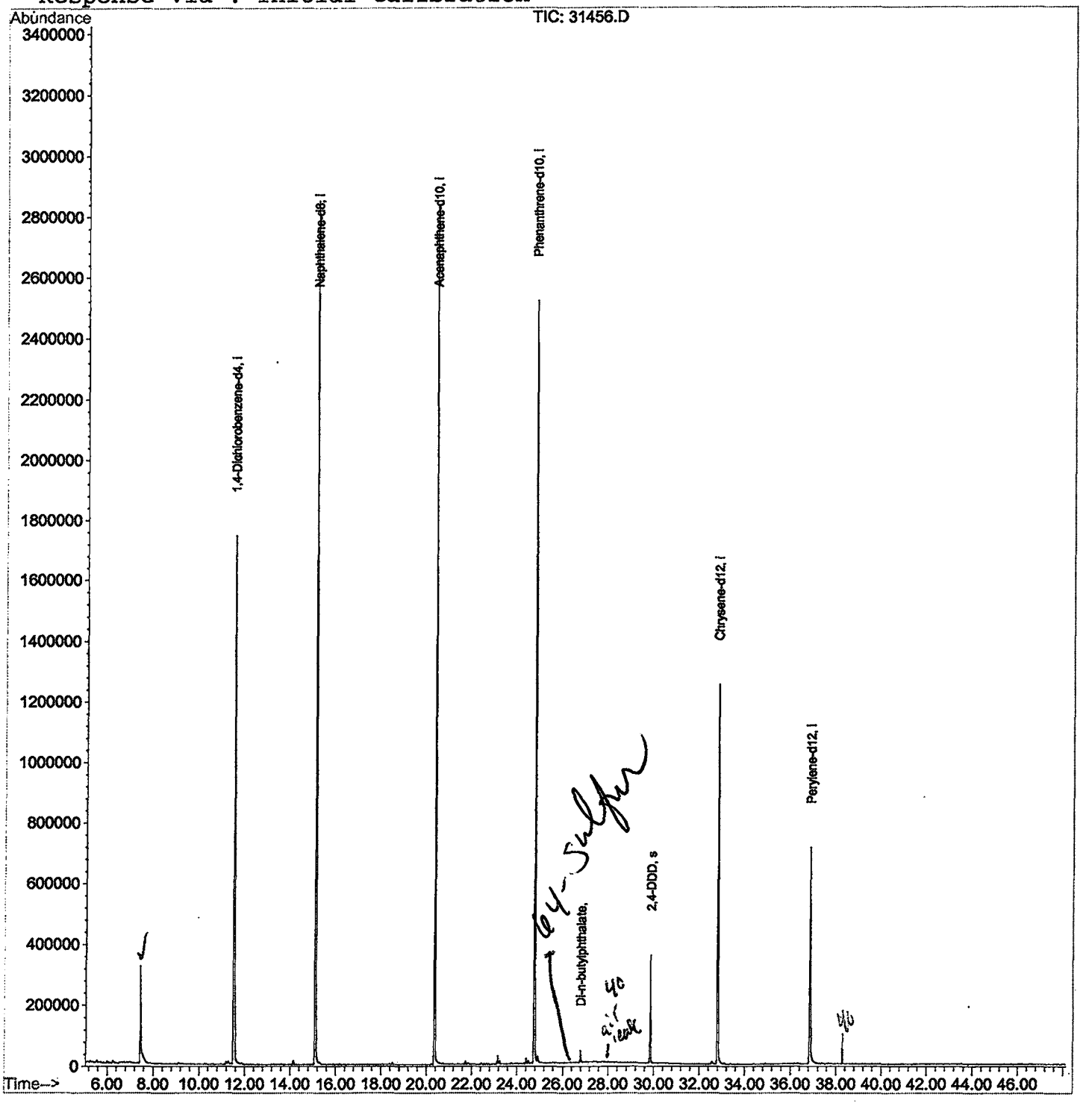
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.78	178	738	N.D.	
34)	Anthracene	24.78	178	738	N.D.	
35)	Di-n-butylphthalate	26.80	149	42256	0.32 ug/l #	98
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	32.80	228	2532	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	2752	N.D.	
43)	Chrysene	32.80	228	2532	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	36.87	252	2356	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\JAN1602\31456.D Vial: 10
Acq On : 16 Jan 2002 8:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:47 2002 Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31456.D Vial: 10
Acq On : 16 Jan 2002 8:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

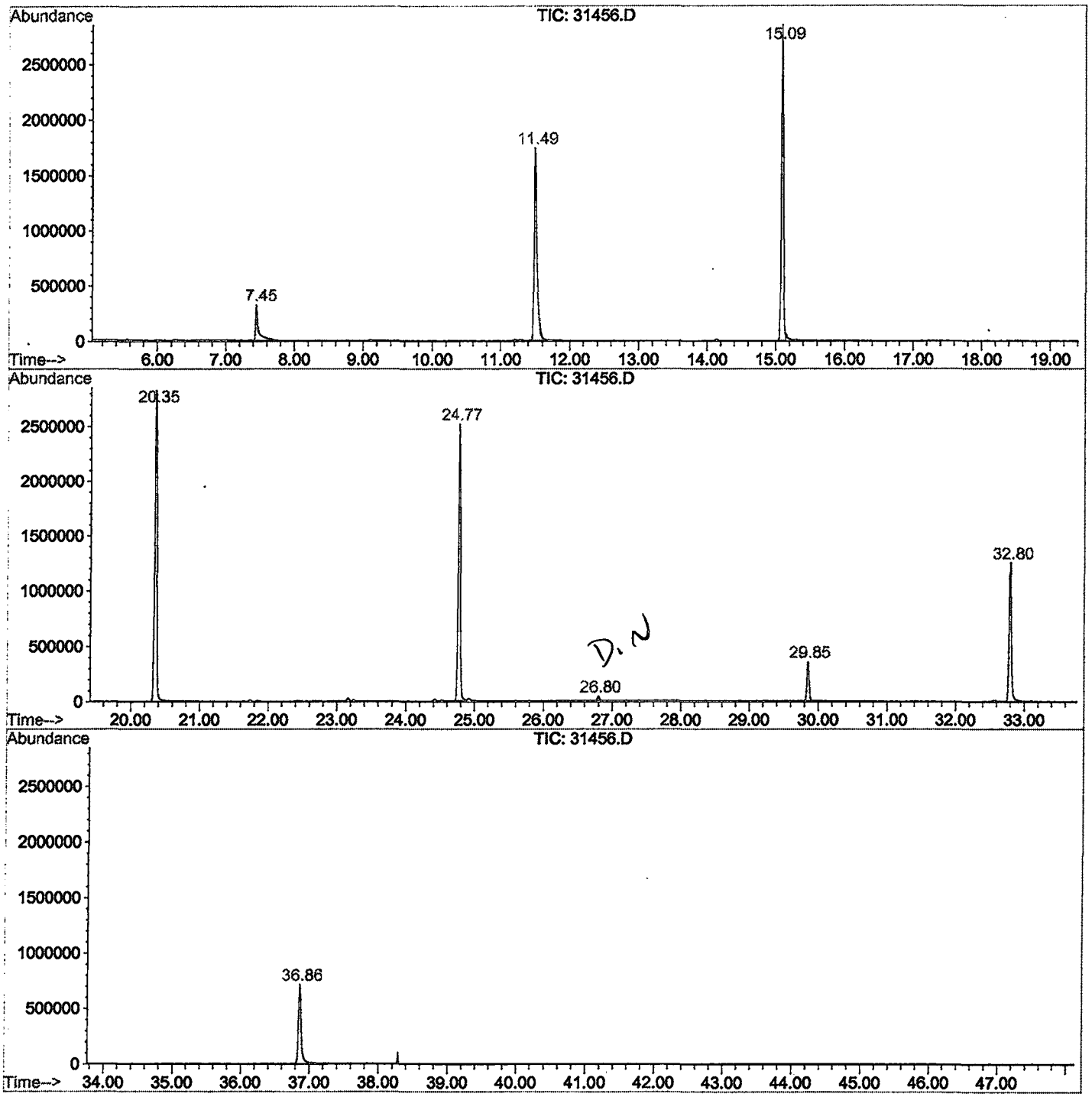
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.446	258	262	299	rVB	319381	963658	15.71%	3.330%
2	11.494	698	703	722	rBV	1742758	4730189	77.09%	16.344%
3	15.093	1089	1095	1101	rBV	2847954	5807727	94.65%	20.067%
4	20.353	1661	1668	1689	rBV	2827414	6135737	100.00%	21.200%
5	24.769	2143	2149	2162	rBV2	2513897	5443484	88.72%	18.808%
6	26.798	2366	2370	2377	rBV	39538	78443	1.28%	0.271%
7	29.846	2697	2702	2712	rBV	353465	745143	12.14%	2.575%
8	32.802	3017	3024	3042	rBV2	1250235	3057138	49.83%	10.563%
9	36.860	3459	3466	3480	rBV	710095	1980279	32.27%	6.842%

Sum of corrected areas: 28941798

31456.D GCMS0103.M Thu Feb 07 09:17:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31456.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 8:26 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 10
Quant File :GCMS0103.RES (RTE Integrator)



31456.D GCMS0103.M Thu Feb 07 09:17:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31456.D Vial: 10
Acq On : 16 Jan 2002 8:26 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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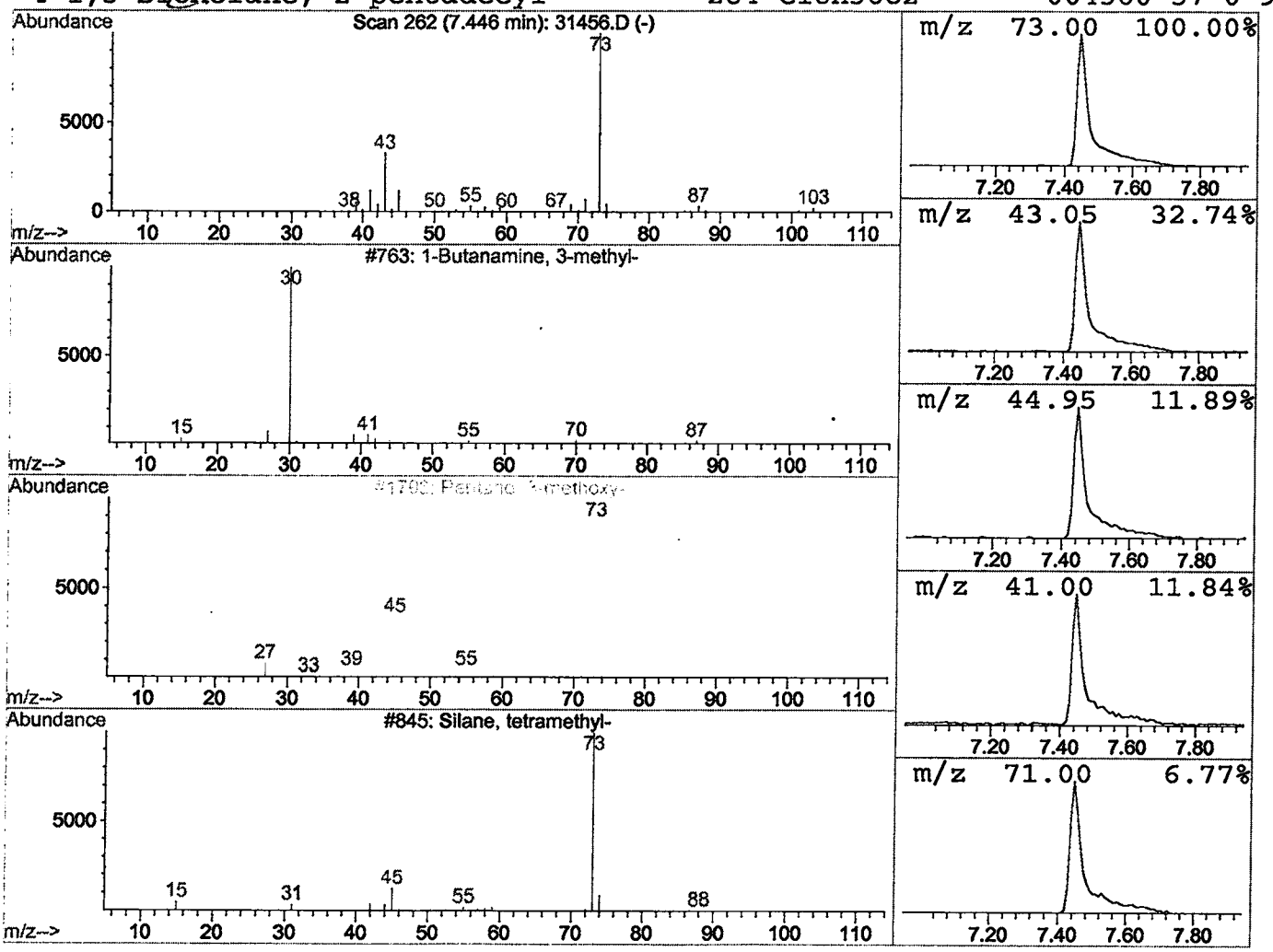
Peak Number 1 1-Butanamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.07 ug/l	963658	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 8:26 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31456.D
Name: gc/ms scan 12/27
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-Butanamine, 3-meth	7.45	4.1	ug/l	963658	ISTD01	11.49	4730190	20.0

31456.D GCMS0103.M Thu Feb 07 09:17:26 2002