User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:28:09

Sample: AD31401
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:27 Ended: 2/11/02 17:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AD31401 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:28:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveies for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31401.D Vial: 24
Acq On : 17 Jan 2002 10:07 am Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:00 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	11.50	152	939730	20.00	ug/l	-0.02
10) Naphthalene-d8	15.09	136	3651823	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.36	164	1846859	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.77	188	2574425	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1628612	20.00	ug/l	-0.03
44) Perylene-d12	36.87	264	1094360	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	29.86	235	122969	4.16	ug/mL	-0.21
Spiked Amount 5.000			Recovery = 83.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.14	74	181	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	15.16	128	1175	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	20.71	165	354	N.D.		
25) Diethylphthalate	21.89	149	552	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\JAN1602\31401.D Vial: 24
Acq On : 17 Jan 2002 10:07 am Operator: 209 GALOS
Sample : gc/ms scan 12/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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	24.84	178	185	N.D.	
34)	Anthracene	24.84	178	185	N.D.	
35)	Di-n-butylphthalate	26.80	149	5564	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	32.80	228	4200	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	5974	N.D.	
43)	Chrysene	32.80	228	4200	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	4354	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.	

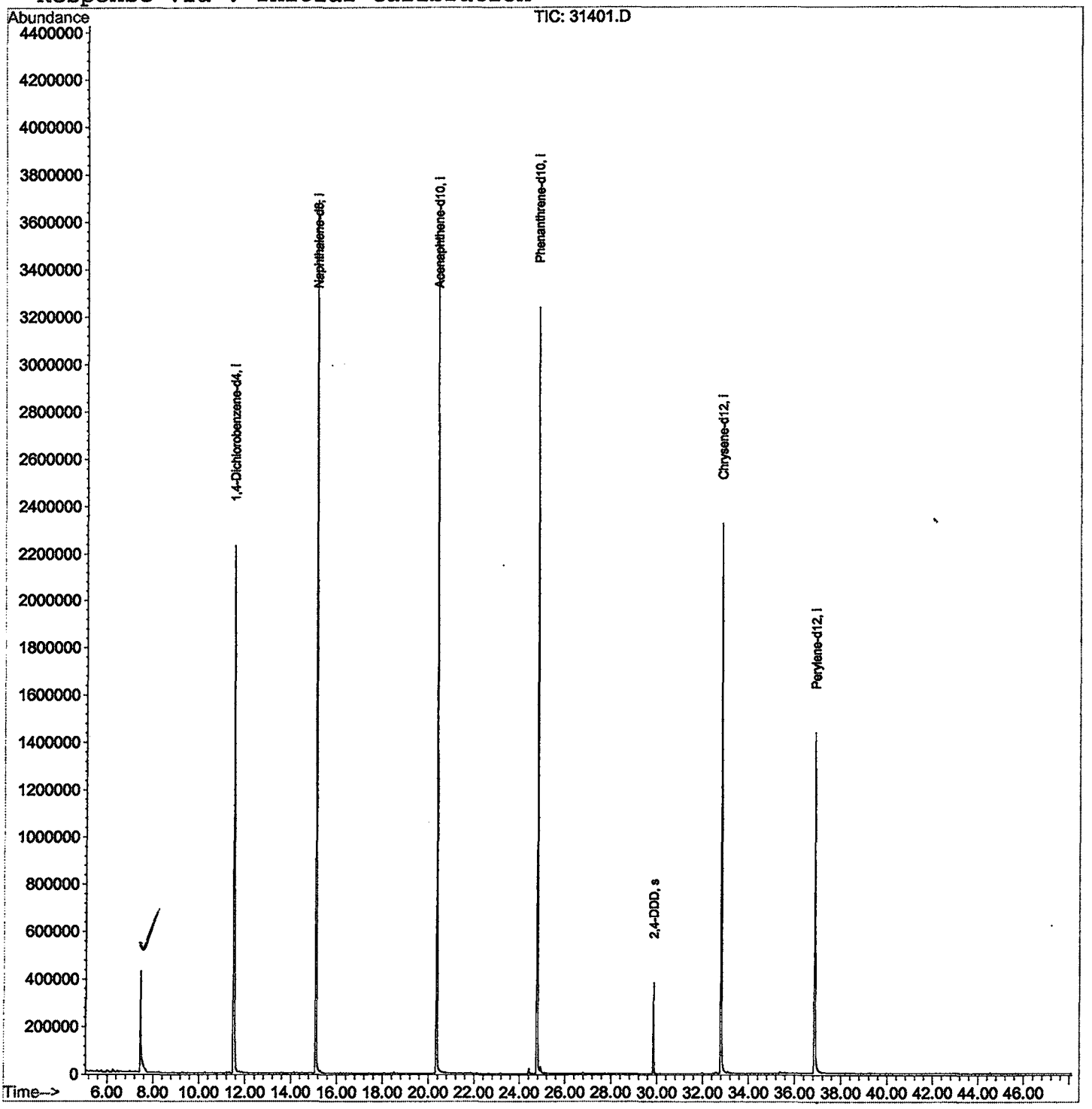
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31401.D
Acq On : 17 Jan 2002 10:07 am
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 12:00 2002

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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\31401.D Vial: 24
Acq On : 17 Jan 2002 10:07 am Operator: 209 GALOS
Sample : gc/ms scan 12/28 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

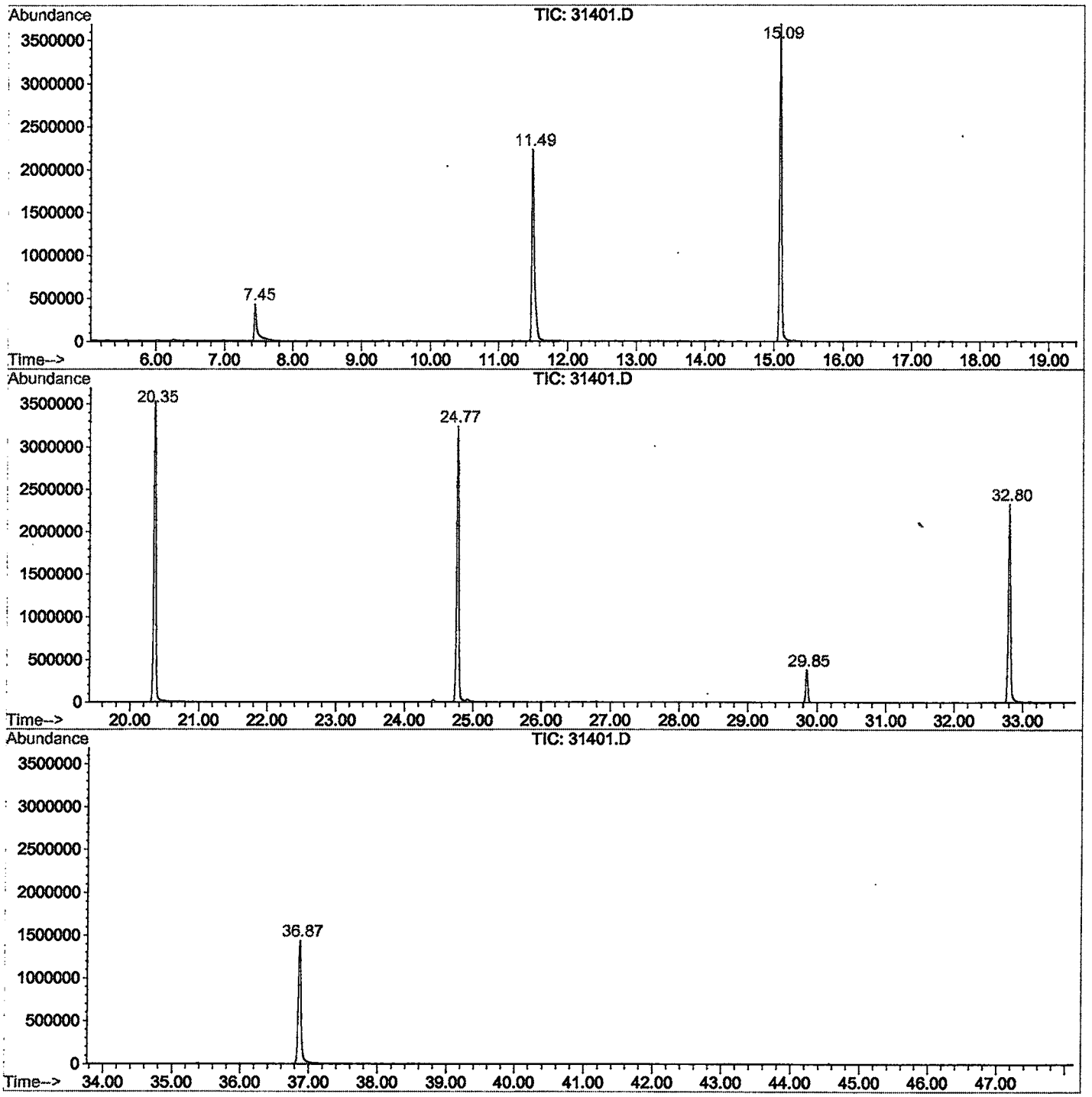
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.446	258	262	293	rVB	424629	1229046	15.90%	3.098%
2	11.495	698	703	724	rBV	2229743	5925025	76.64%	14.935%
3	15.094	1089	1095	1113	rBV	3683799	7490611	96.89%	18.881%
4	20.354	1662	1668	1692	rBV	3528385	7731071	100.00%	19.487%
5	24.770	2143	2149	2162	rBV2	3236967	7225806	93.46%	18.214%
6	29.846	2697	2702	2709	rBV	380623	775828	10.04%	1.956%
7	32.802	3018	3024	3043	rBV2	2321169	5230623	67.66%	13.184%
8	36.869	3459	3467	3492	rBV	1432843	4064517	52.57%	10.245%

Sum of corrected areas: 39672527

31401.D GCMS0103.M Thu Feb 07 12:34:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31401.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 10:07 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/28
Misc Info :
Vial Number: 24
Quant File :GCMS0103.RES (RTE Integrator)



31401.D GCMS0103.M Thu Feb 07 12:34:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31401.D
Acq On : 17 Jan 2002 10:07 am
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

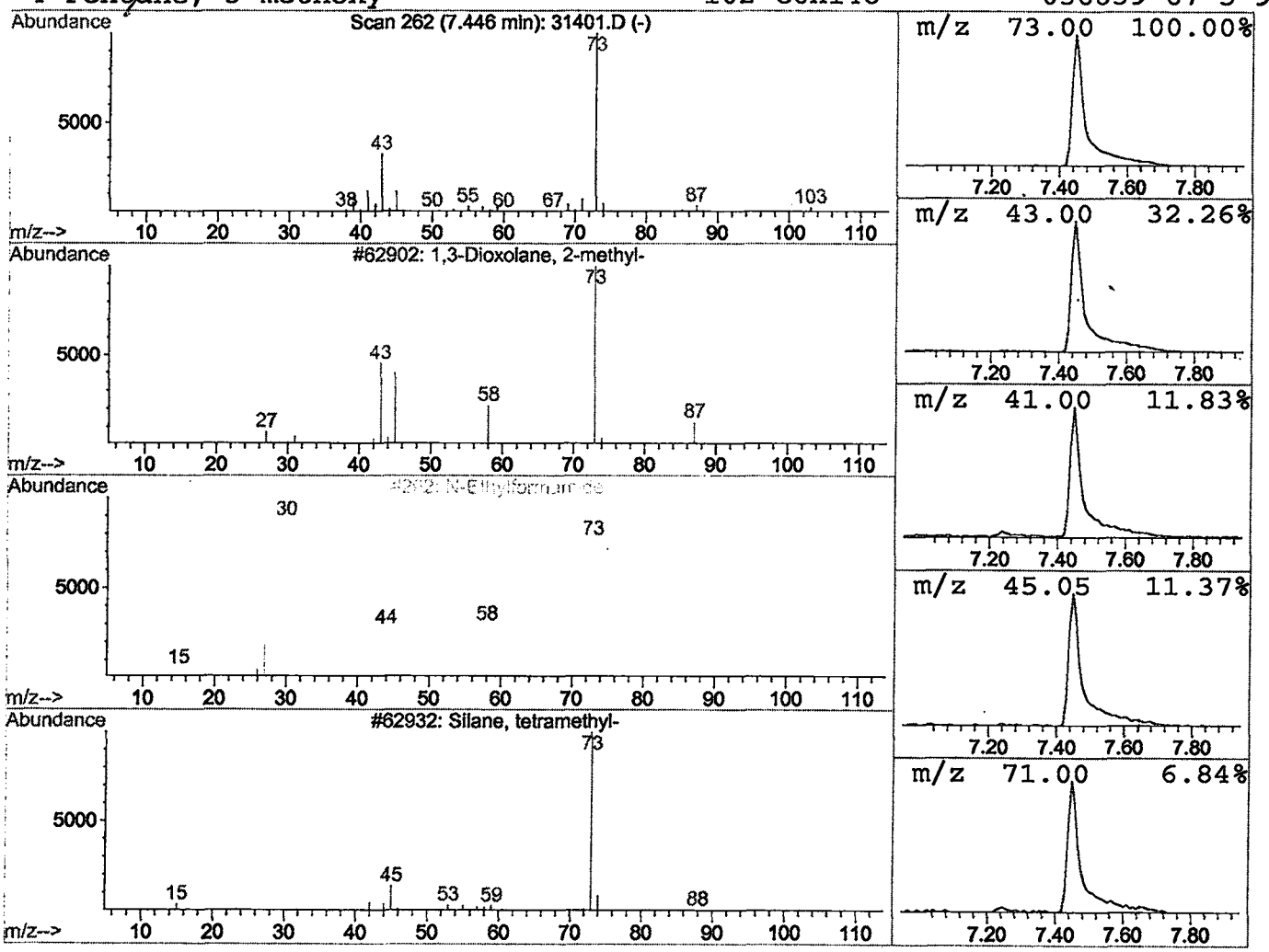
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.15 ug/l	1229050	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 10:07 am
Data File: C:\HPCHEM\1\DATA\JAN1602\31401.D
Name: gc/ms scan 12/28
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
~~1,3-Dioxolane, 2-met~~	7.45	4.1	ug/l	1229050	ISTD01	11.50	5925030	20.0

31401.D GCMS0103.M Thu Feb 07 12:34:37 2002