User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:53:16

Sample: AD31340
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:43 Ended: 2/11/02 15:43 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AD31340 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 07:52:17

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
Reextraction and reanalysis confirms these results.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31340.D Vial: 12
Acq On : 16 Jan 2002 10:23 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 8:53 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	764514	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2988039	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1512469	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	2036463	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1212569	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	776204	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	106706	4.57	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 91.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.18	74	171	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	401	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	20.66	165	373	N.D.		
25) Diethylphthalate	21.88	149	778	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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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

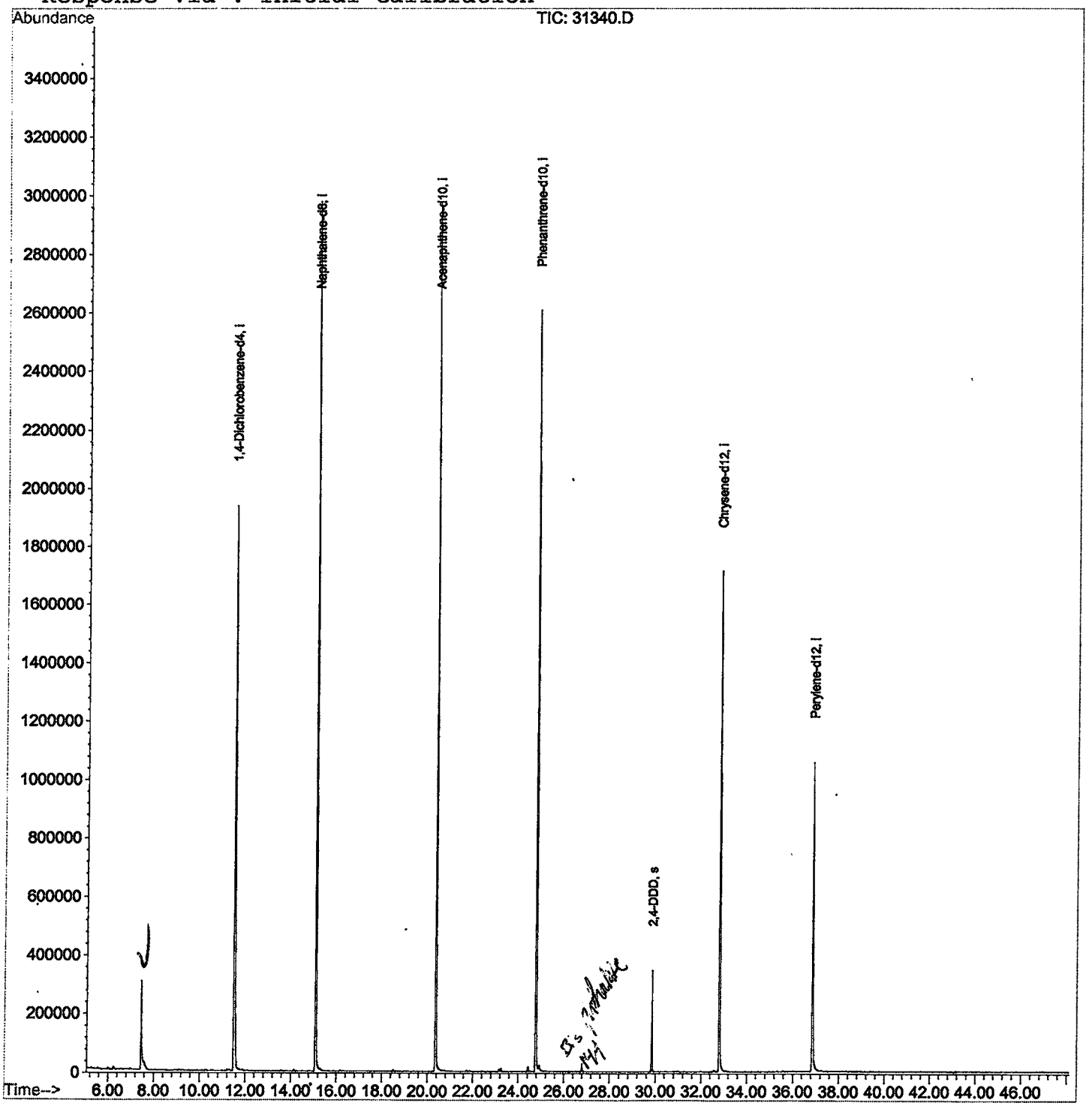
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.78	178	935	N.D.	
34)	Anthracene	24.78	178	935	N.D.	
35)	Di-n-butylphthalate	26.80	149	29984	N.D.	
36)	Fluoranthene	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	3008	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.09	149	1912	N.D.	
43)	Chrysene	32.80	228	3008	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	3236	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\31340.D Vial: 12
Acq On : 16 Jan 2002 10:23 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 8:53 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\31340.D Vial: 12
Acq On : 16 Jan 2002 10:23 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

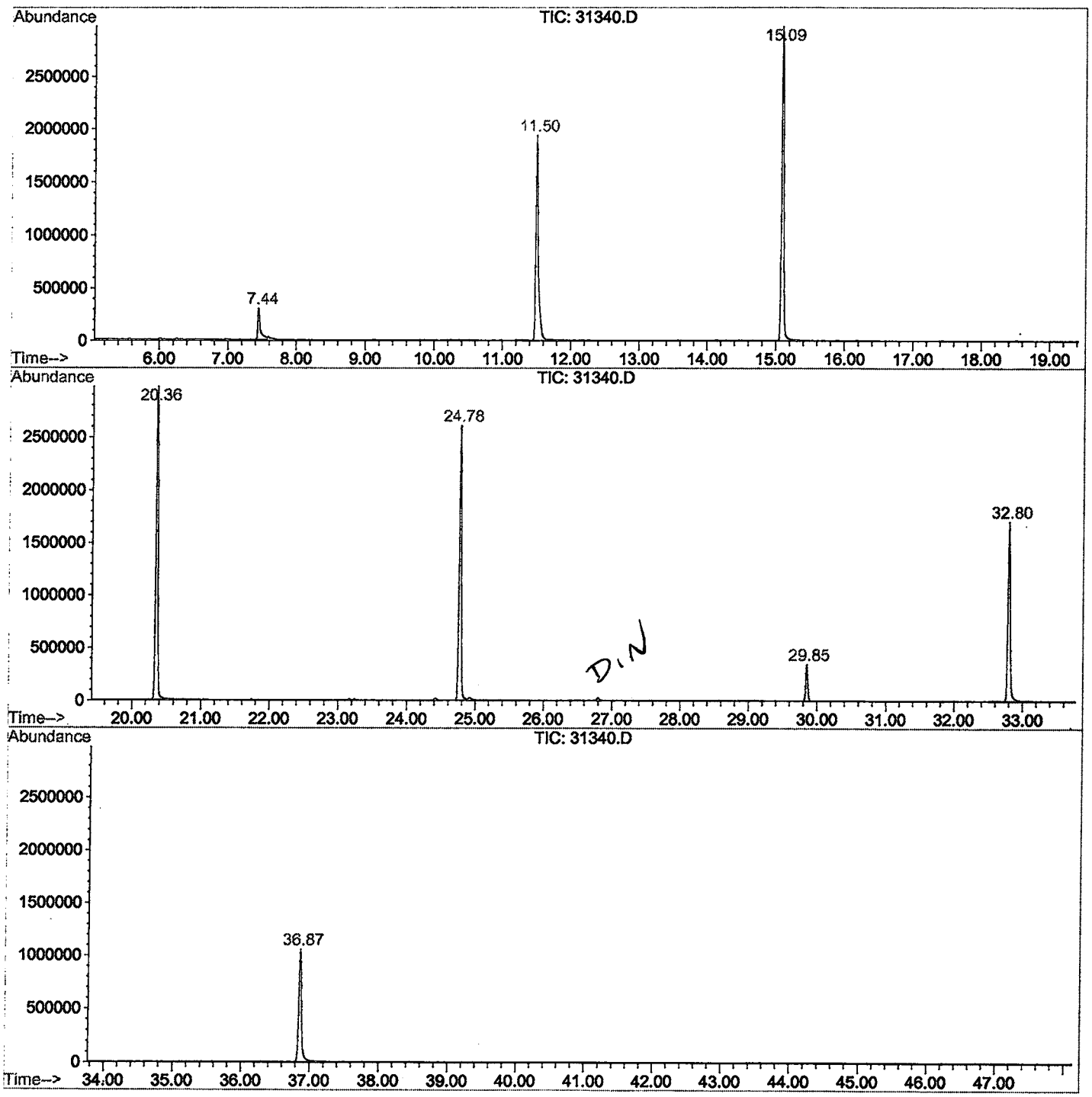
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.443	257	261	275	rBV	301864	795989	12.53%	2.536%
2	11.501	698	703	721	rBV	1933829	4866812	76.58%	15.508%
3	15.090	1089	1094	1113	rBV	2973261	6129145	96.45%	19.531%
4	20.360	1661	1668	1682	rBV	2974050	6354803	100.00%	20.250%
5	24.775	2142	2149	2161	rBV2	2602936	5747847	90.45%	18.316%
6	29.852	2696	2702	2708	rBV	345332	679601	10.69%	2.166%
7	32.799	3017	3023	3044	rBV2	1708804	3899032	61.36%	12.425%
8	36.866	3459	3466	3489	rBV	1052950	2908410	45.77%	9.268%

Sum of corrected areas: 31381639

31340.D GCMS0103.M Thu Feb 07 09:10:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31340.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 10:23 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 12
Quant File :GCMS0103.RES (RTE Integrator)



31340.D GCMS0103.M Thu Feb 07 09:10:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31340.D
Acq On : 16 Jan 2002 10:23 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

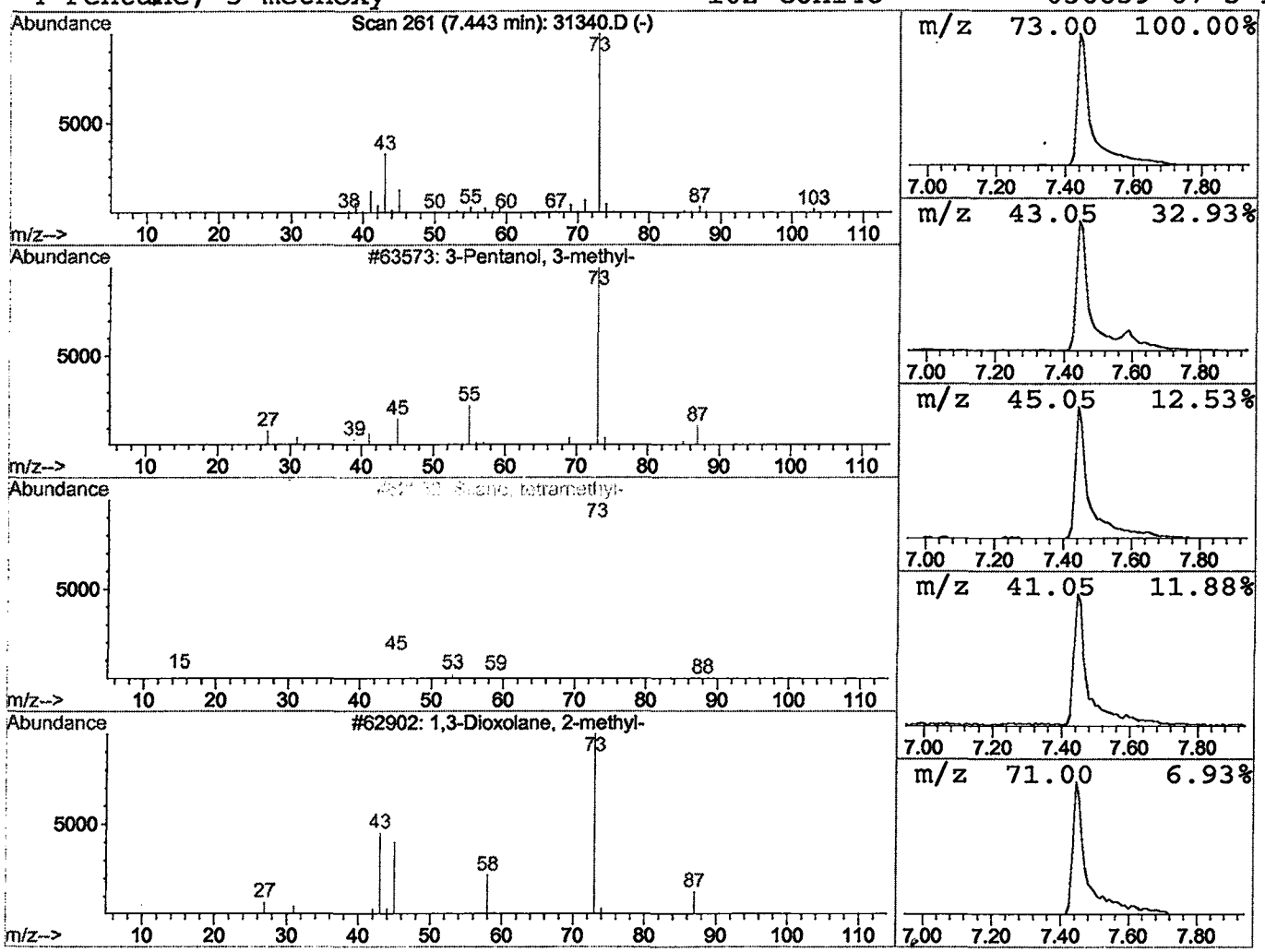
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.27 ug/l	795989	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
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: 16 Jan 2002 10:23 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31340.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
3-Pentanol, 3-methyl	7.44	3.3	ug/l	795989	ISTD01	11.50	4866810	20.0

31340.D GCMS0103.M Thu Feb 07 09:10:39 2002