User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 15:59:58

Sample: AD31380
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 15:58 Ended: 2/7/02 15:58 Analyst: DLV
Page: 1

	Component Name	Vtol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		117		5.0

Comments for Sample AD31380 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 16:00:21

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 6 of the 43 compounds 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\JAN1502\31380.D Vial: 11
Acq On : 15 Jan 2002 8:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:05 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 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	634666	20.00	ug/l	-0.19
10) Naphthalene-d8	15.09	136	2482813	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.35	164	1276179	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	1702282	20.00	ug/l	-0.22
38) Chrysene-d12	32.79	240	822756	20.00	ug/l	-0.24
44) Perylene-d12	36.86	264	486960	20.00	ug/l	-0.26
System Monitoring Compounds						
37) 2,4-DDD	29.86	235	109185	5.83	ug/mL	-0.21
Spiked Amount 5.000			Recovery = 116.60%			
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	15.16	128	1310	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	21.88	149	848	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 : Tue Jan 22 11:56:23 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	24.83	178	384	N.D.	
34)	Anthracene	24.83	178	384	N.D.	
35)	Di-n-butylphthalate	26.80	149	8200	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	32.79	228	1924	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	1525	N.D.	
43)	Chrysene	32.79	228	1924	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	36.85	252	2071	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.	

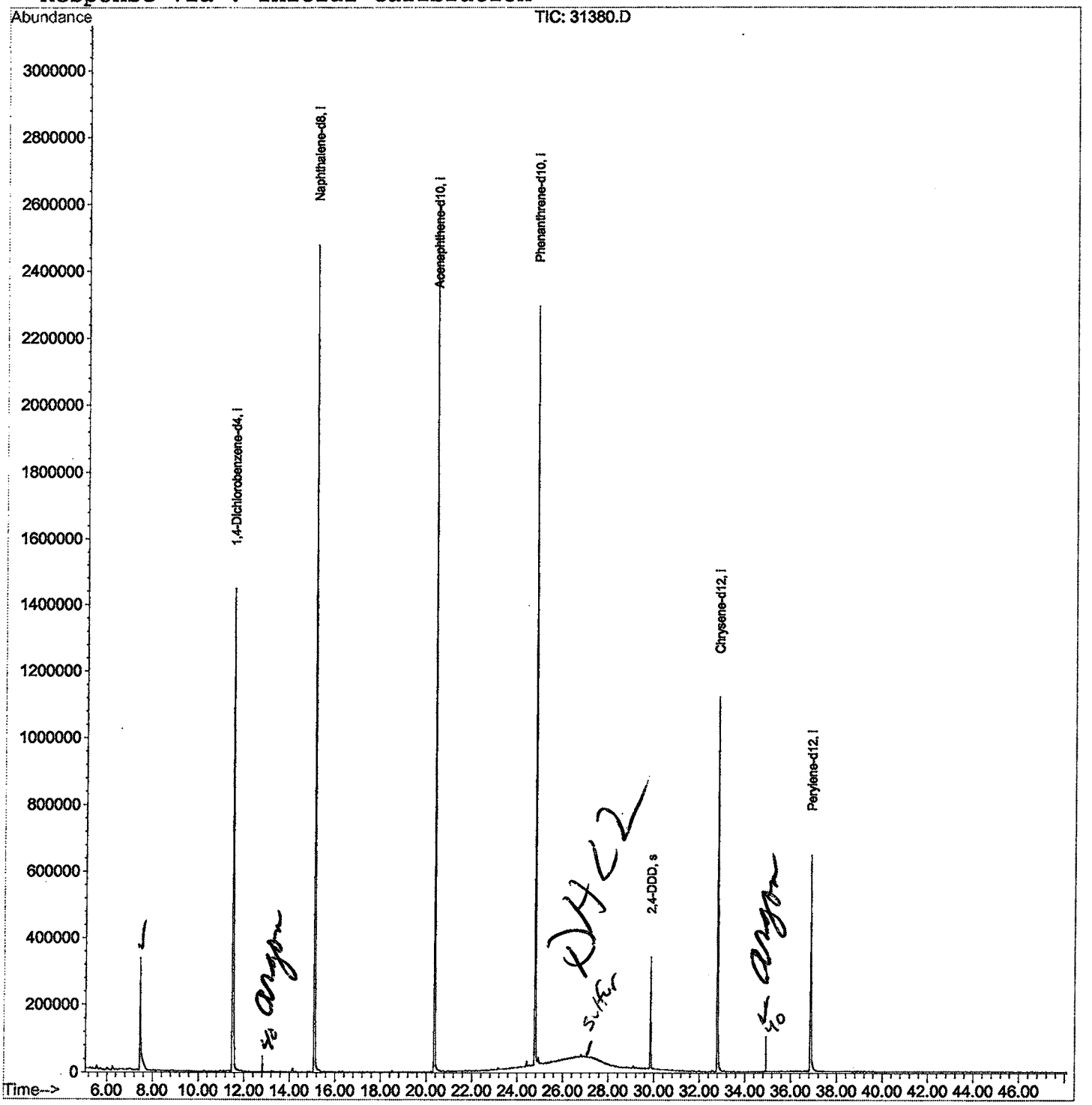
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31380.D
Acq On : 15 Jan 2002 8:44 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:05 2002

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31380.D Vial: 11
Acq On : 15 Jan 2002 8:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

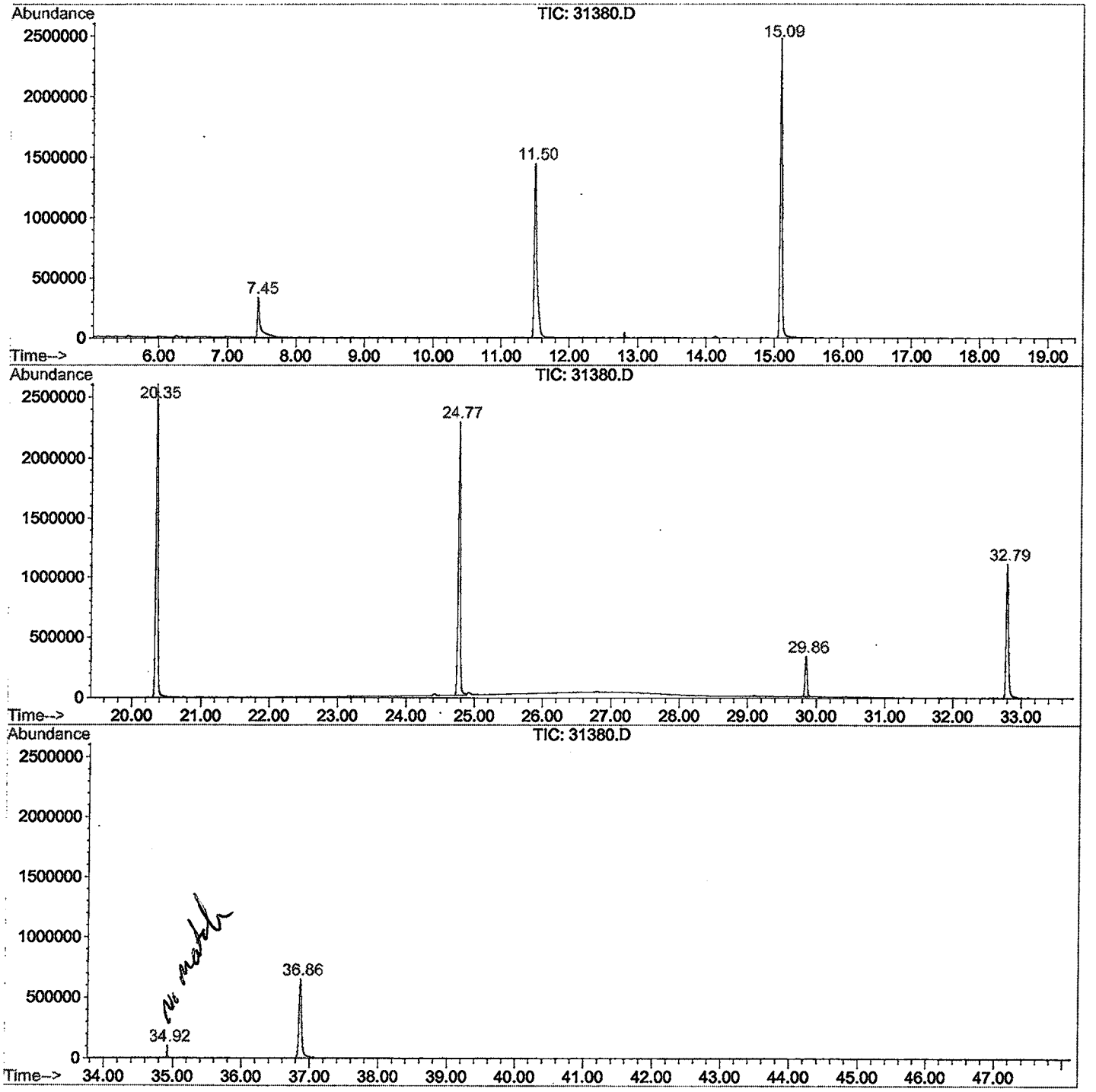
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.446	258	262	296	rBV	333701	1015893	19.00%	3.990%
2	11.504	699	704	724	rBV	1445200	3995185	74.73%	15.691%
3	15.094	1090	1095	1114	rBV	2476751	5105440	95.50%	20.051%
4	20.354	1662	1668	1697	rBV	2608755	5345859	100.00%	20.995%
5	24.770	2143	2149	2161	rBV2	2273578	4779680	89.41%	18.772%
6	29.856	2697	2703	2709	rBV	330614	692778	12.96%	2.721%
7	32.793	3017	3023	3047	rBV2	1119046	2661801	49.79%	10.454%
8	34.923	3253	3255	3257	rBV	102982	58261	1.09%	0.229%
9	36.860	3459	3466	3485	rBV	645797	1807126	33.80%	7.097%

Sum of corrected areas: 25462023

31380.D GCMS1126.M Mon Feb 04 15:09:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31380.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 8:44 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



31380.D GCMS1126.M Mon Feb 04 15:09:41 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31380.D
Acq On : 15 Jan 2002 8:44 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

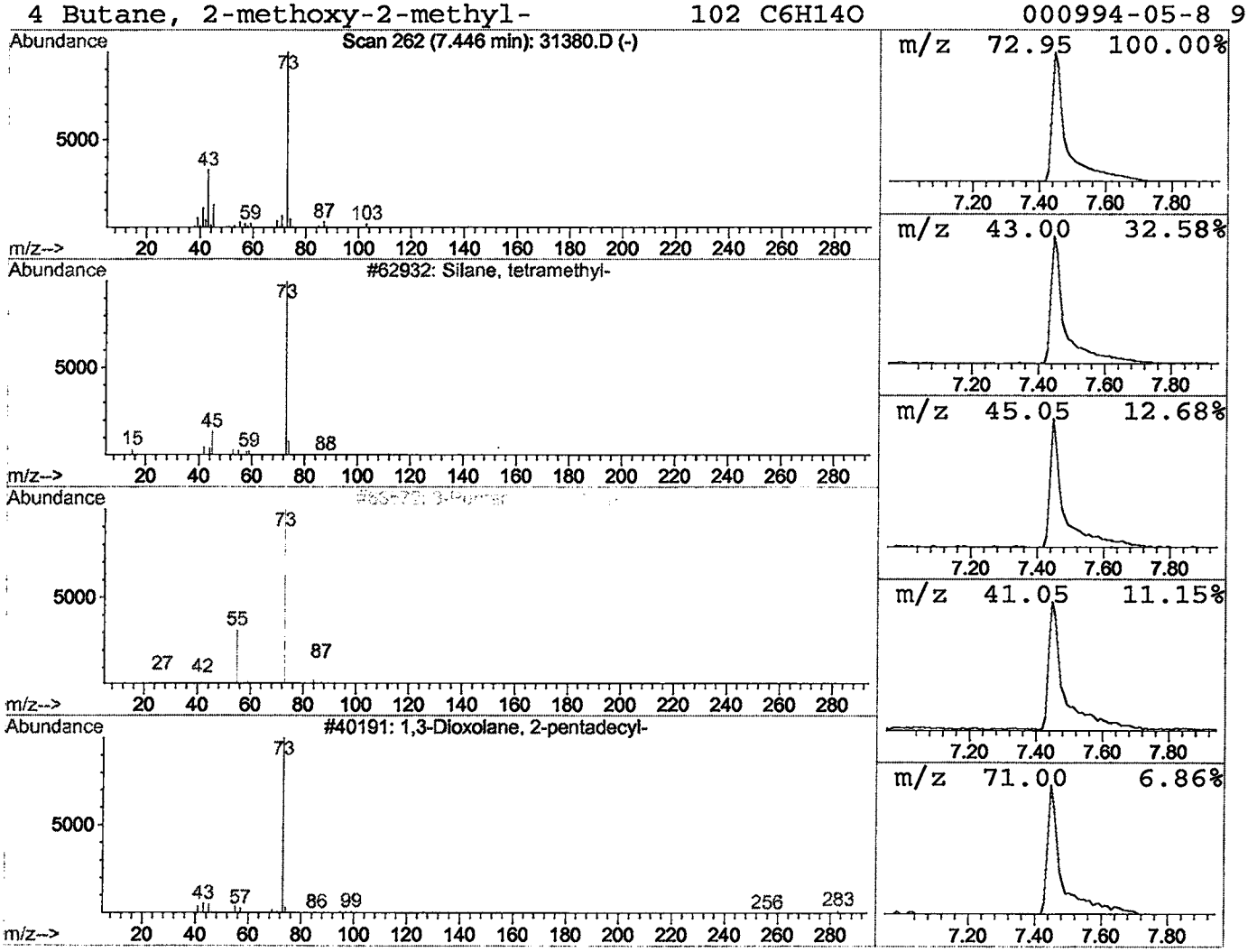
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	5.09 ug/l	1015890	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31380.D
Acq On : 15 Jan 2002 8:44 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

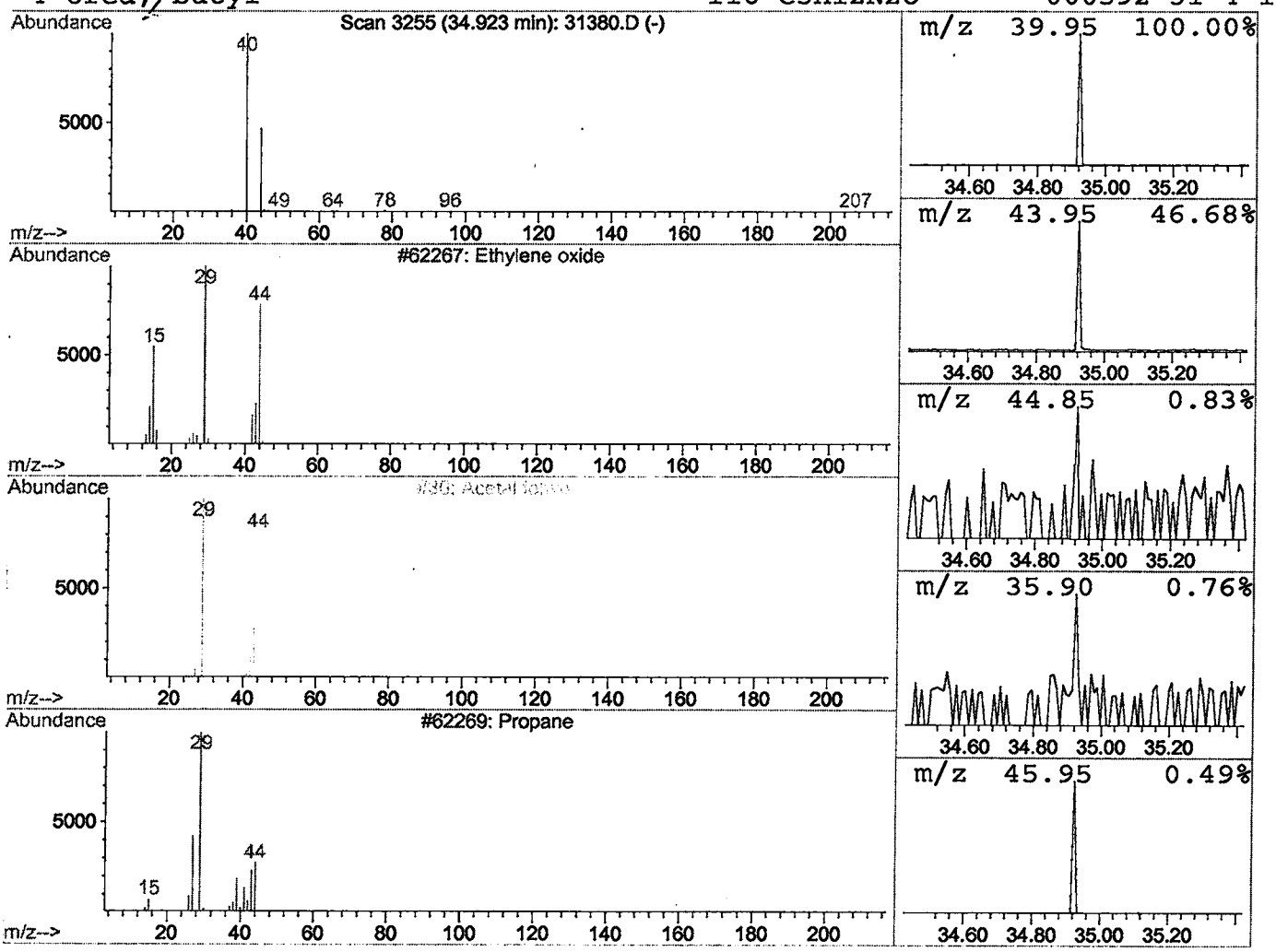
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.92	0.64 ug/l	58261	Perylene-d12	36.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Propane	44	C3H8	000074-98-6	1
4	Urea, butyl-	116	C5H12N2O	000592-31-4	1



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 8:44 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\31380.D
Name: gc/ms scan 12/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-	7.45	5.1	ug/l	1015890	ISTD01	11.50	3995190	20.0
Ethylene oxide	34.92	0.6	ug/l	58261	ISTD06	36.86	1807130	20.0

31380.D GCMS1126.M Mon Feb 04 15:09:55 2002