User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 11:03:51

Sample: AE01226
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 11:03 Ended: 2/25/02 11:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		5.0

Comments for Sample AE01226 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 11:03:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 14 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1502\1226.D Vial: 26
Acq On : 16 Feb 2002 5:38 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:03 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	280458	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1046318	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	565470	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	817180	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	543083	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	354389	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	43656	5.32	ug/mL	0.31
Spiked Amount 5.000			Recovery = 106.40%			
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	13.53	77	542	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	16.03	128	630	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	22.76	149	606	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 Feb 2002 5:38 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 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	25.81	178	224	N.D.	
34)	Anthracene	25.81	178	224	N.D.	
35)	Di-n-butylphthalate	27.70	149	4999	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	33.80	228	1549	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	1048	N.D.	
43)	Chrysene	33.80	228	1550	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	38.09	252	1434	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.	

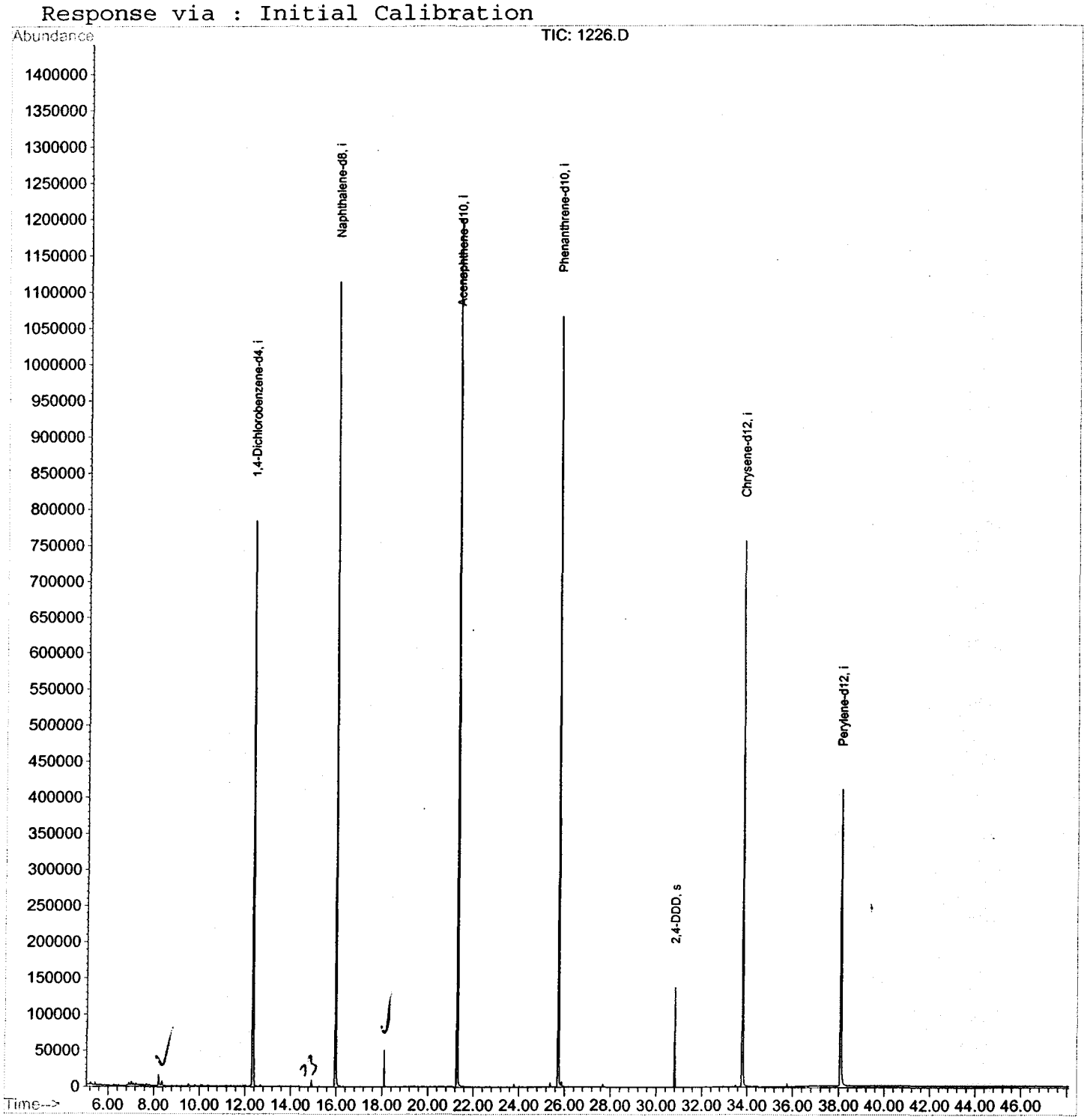
(#) = qualifier out of range (m) = manual integration
1226.D GCMS0208.M Wed Feb 20 14:04:52 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1502\1226.D
Acq On : 16 Feb 2002 5:38 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:03 2002

Vial: 26
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1226.D Vial: 26
Acq On : 16 Feb 2002 5:38 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 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

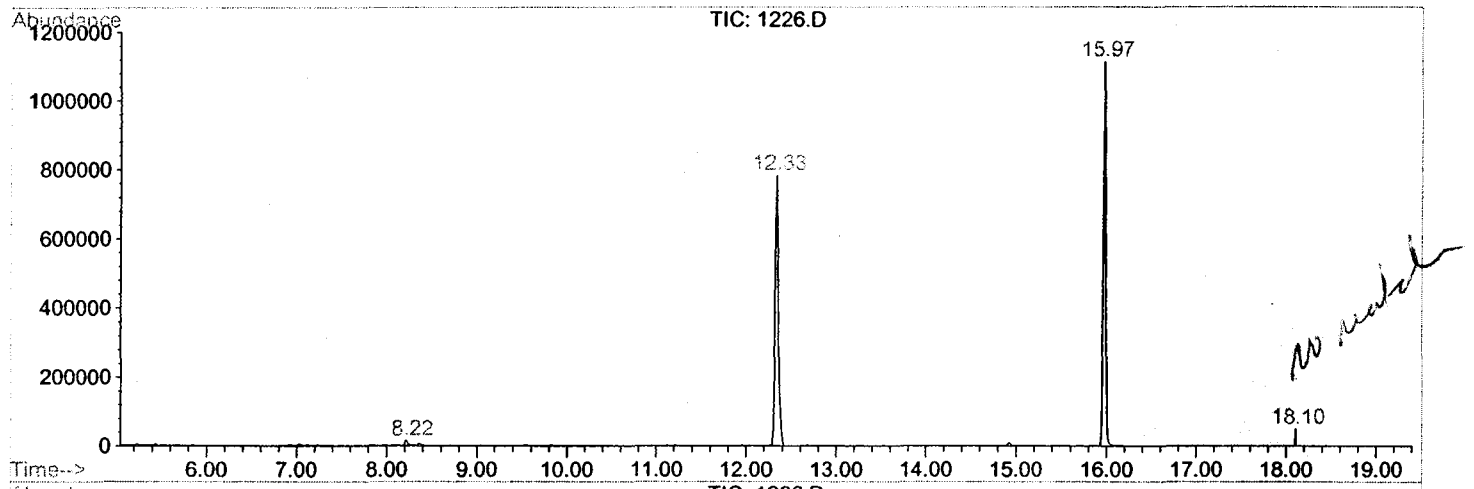
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.216	342	346	356	rBV	15084	37475	1.58%	0.317%
2	12.329	789	794	806	rVB	783056	1801255	75.84%	15.219%
3	15.974	1185	1191	1204	rBV	1114241	2182381	91.88%	18.439%
4	18.104	1422	1423	1425	rBV	51085	28658	1.21%	0.242%
5	21.289	1764	1770	1782	rBV	1200670	2375196	100.00%	20.068%
6	25.733	2248	2254	2266	rBV2	1066726	2273833	95.73%	19.211%
7	30.809	2802	2807	2813	rVB	137764	265341	11.17%	2.242%
8	33.802	3126	3133	3148	rBV	756262	1654975	69.68%	13.983%
9	38.089	3591	3600	3614	rBV2	409331	1216769	51.23%	10.280%

Sum of corrected areas: 11835883

1226.D GCMS0208.M Wed Feb 20 14:31:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1226.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 5:38 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 26
Quant File :GCMS0208.RES (RTE Integrator)



1226.D GCMS0208.M Wed Feb 20 14:31:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1226.D Vial: 26
Acq On : 16 Feb 2002 5:38 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

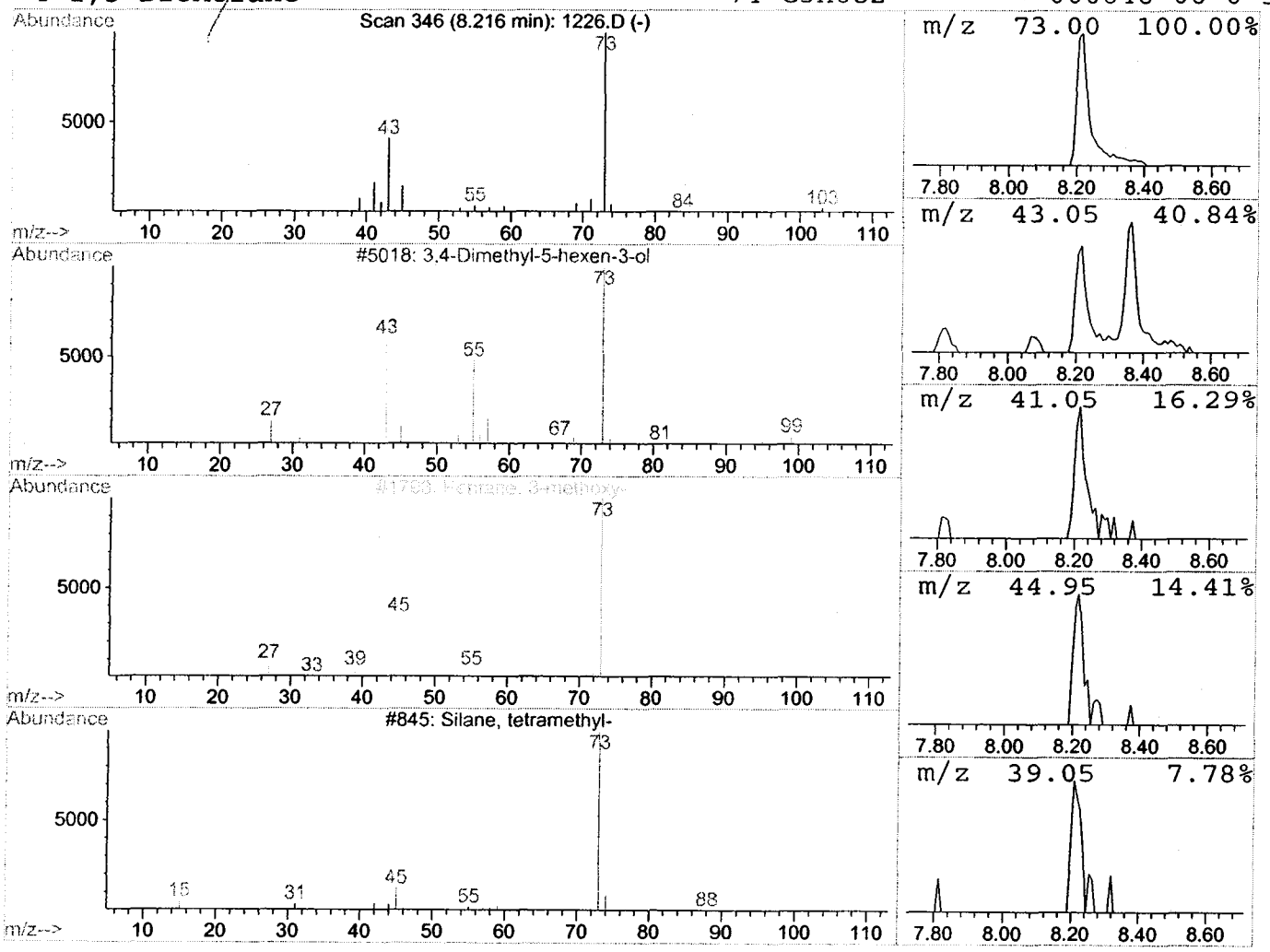
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3,4-Dimethyl-5-hexen-3-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.42 ug/l	37475	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	5



Data File : C:\HPCHEM\1\DATA\FEB1502\1226.D
Acq On : 16 Feb 2002 5:38 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 26
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

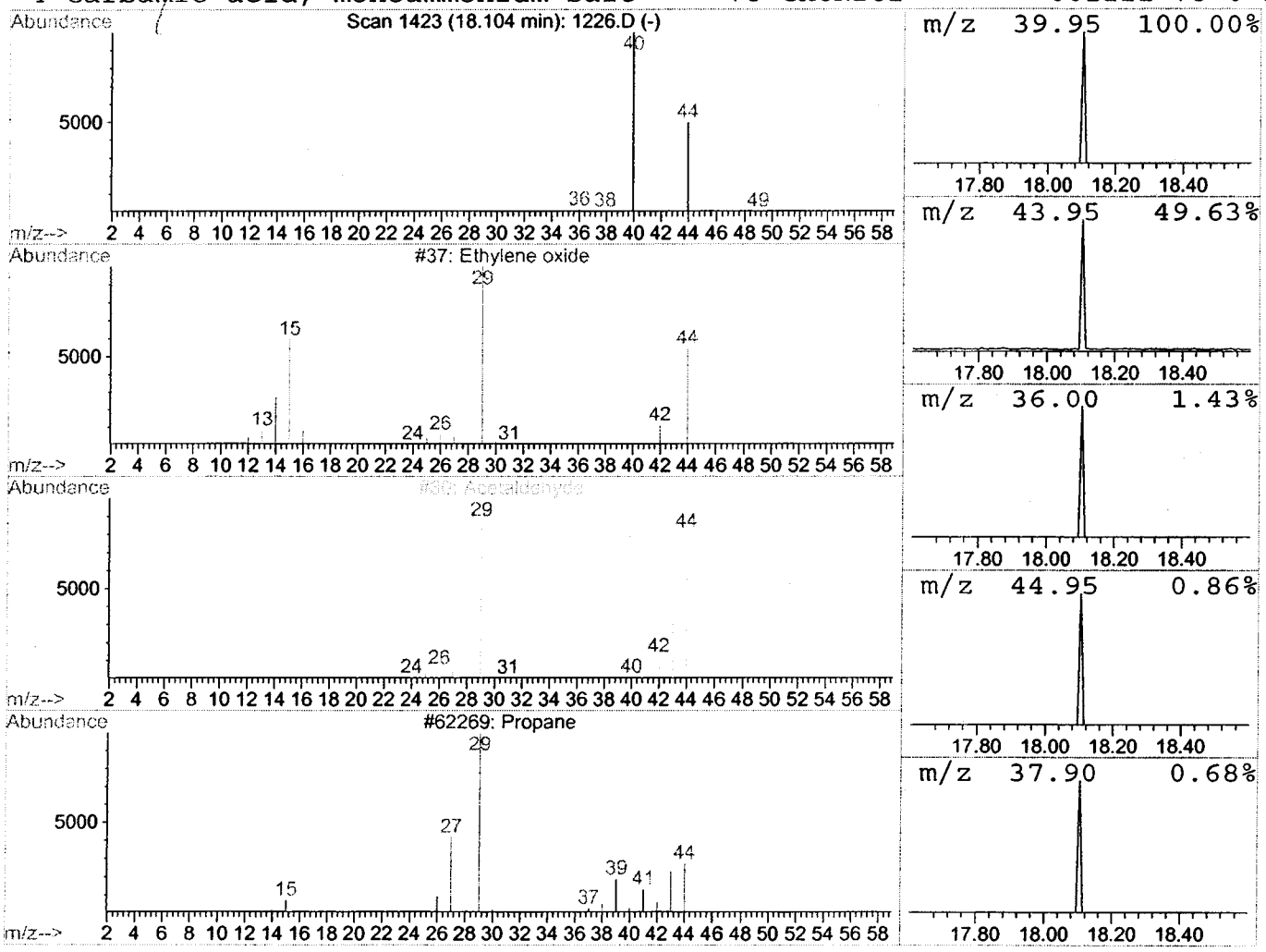
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	0.26 ug/l	28658	Naphthalene-d8	15.97

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	Carbamic acid, monoammonium salt	78	CH6N2O2	001111-78-0	1



Tentatively Identified Compound (TIC) Summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 5:38 pm
Data File: C:\HPCHEM\1\DATA\FEB1502\1226.D
Name: gc/ms scan 1/17
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
3,4-Dimethyl-5-hexen	8.22	0.4	ug/l	37475	ISTD01	12.33	1801260	20.0
Ethylene oxide	18.10	0.3	ug/l	28658	ISTD02	15.97	2182380	20.0

1226.D GCMS0208.M Wed Feb 20 14:31:41 2002