User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 10:09:45

Sample: AE01221
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:09 Ended: 2/25/02 10:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE01221 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 10:10:05

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1502\1221.D Vial: 35
Acq On : 17 Feb 2002 2:20 am 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 15:30 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	12.34	152	256055	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	955986	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	508778	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	698635	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	429628	20.00	ug/l	-0.05
44) Perylene-d12	38.09	264	288212	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	36302	5.18	ug/mL	0.32
Spiked Amount 5.000			Recovery = 103.60%			
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	16.03	128	479	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	0.00	149	0	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

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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

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	1454	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	1032	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	558	N.D.	
43)	Chrysene	33.80	228	1032	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	1184	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

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1221.D Vial: 35
Acq On : 17 Feb 2002 2:20 am 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

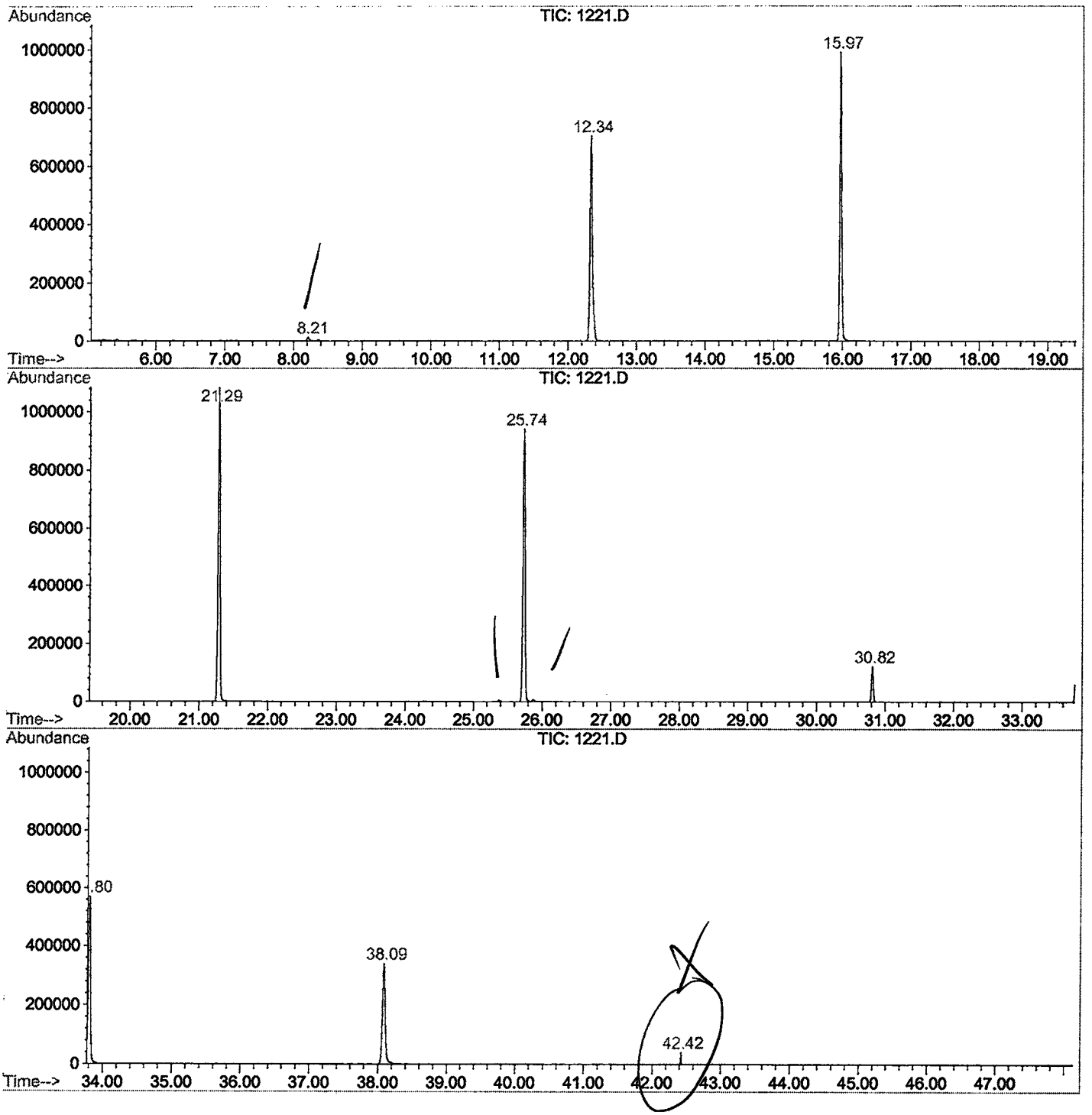
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.213	339	345	353	rBV	12750	28417	1.33%	0.275%
2	12.335	788	794	808	rVB	702299	1653245	77.09%	15.986%
3	15.971	1184	1190	1206	rBV	990168	2006403	93.56%	19.401%
4	21.286	1763	1769	1783	rBV	1085315	2144479	100.00%	20.736%
5	25.739	2247	2254	2265	rBV	940370	1953907	91.11%	18.893%
6	30.815	2802	2807	2814	rVB	121635	222149	10.36%	2.148%
7	33.799	3126	3132	3149	rBV	571324	1315305	61.33%	12.718%
8	38.086	3591	3599	3619	rBV2	339218	995417	46.42%	9.625%
9	42.419	4069	4071	4073	rBV	39560	22638	1.06%	0.219%

Sum of corrected areas: 10341960

1221.D GCMS0208.M Thu Feb 21 09:28:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1221.D
Operator : 209 GALOS
Acquired : 17 Feb 2002 2:20 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 35
Quant File :GCMS0208.RES (RTE Integrator)



1221.D GCMS0208.M Thu Feb 21 09:28:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1221.D
Acq On : 17 Feb 2002 2:20 am
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

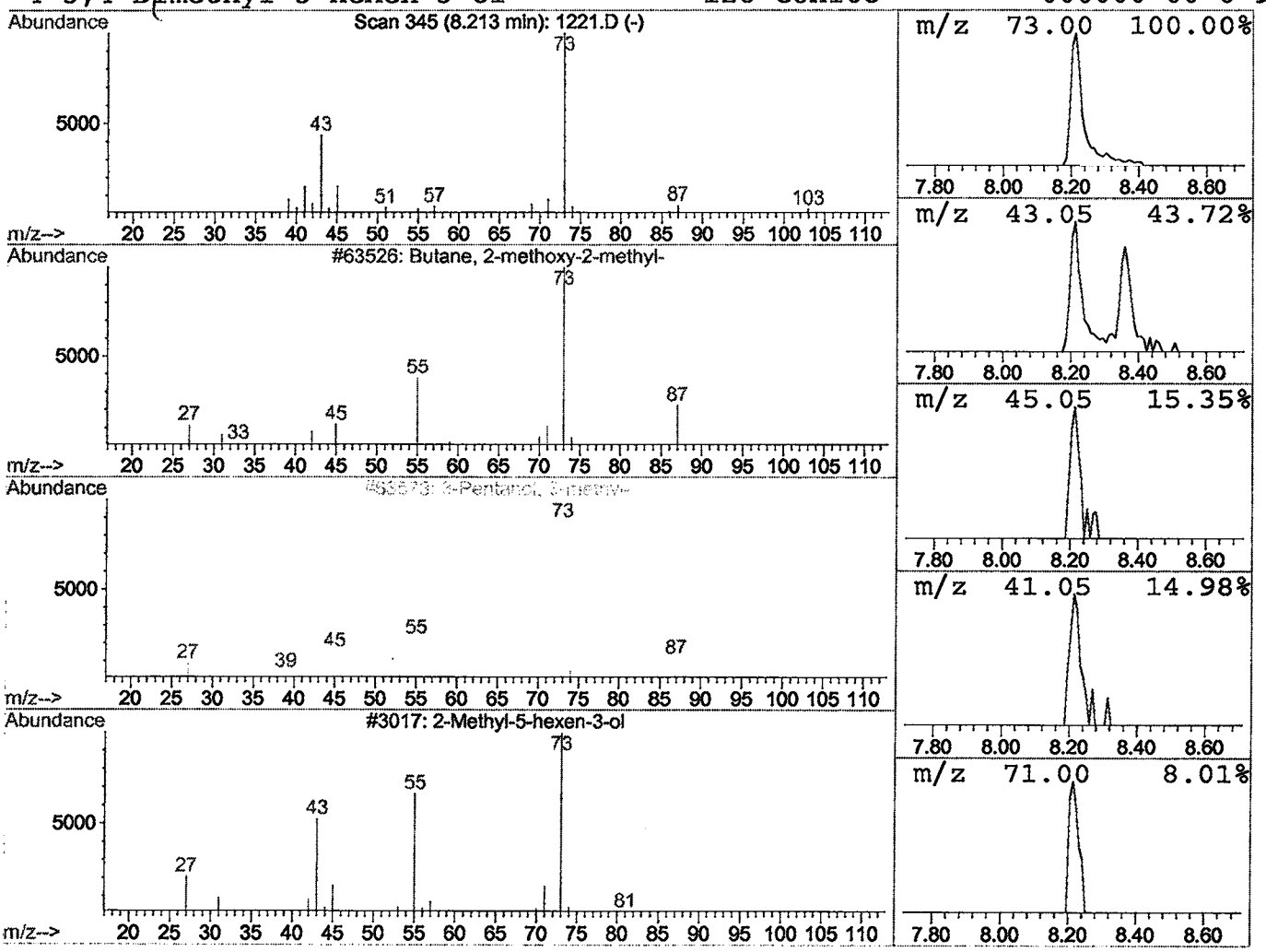
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.34 ug/l	28417	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1221.D
Acq On : 17 Feb 2002 2:20 am
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

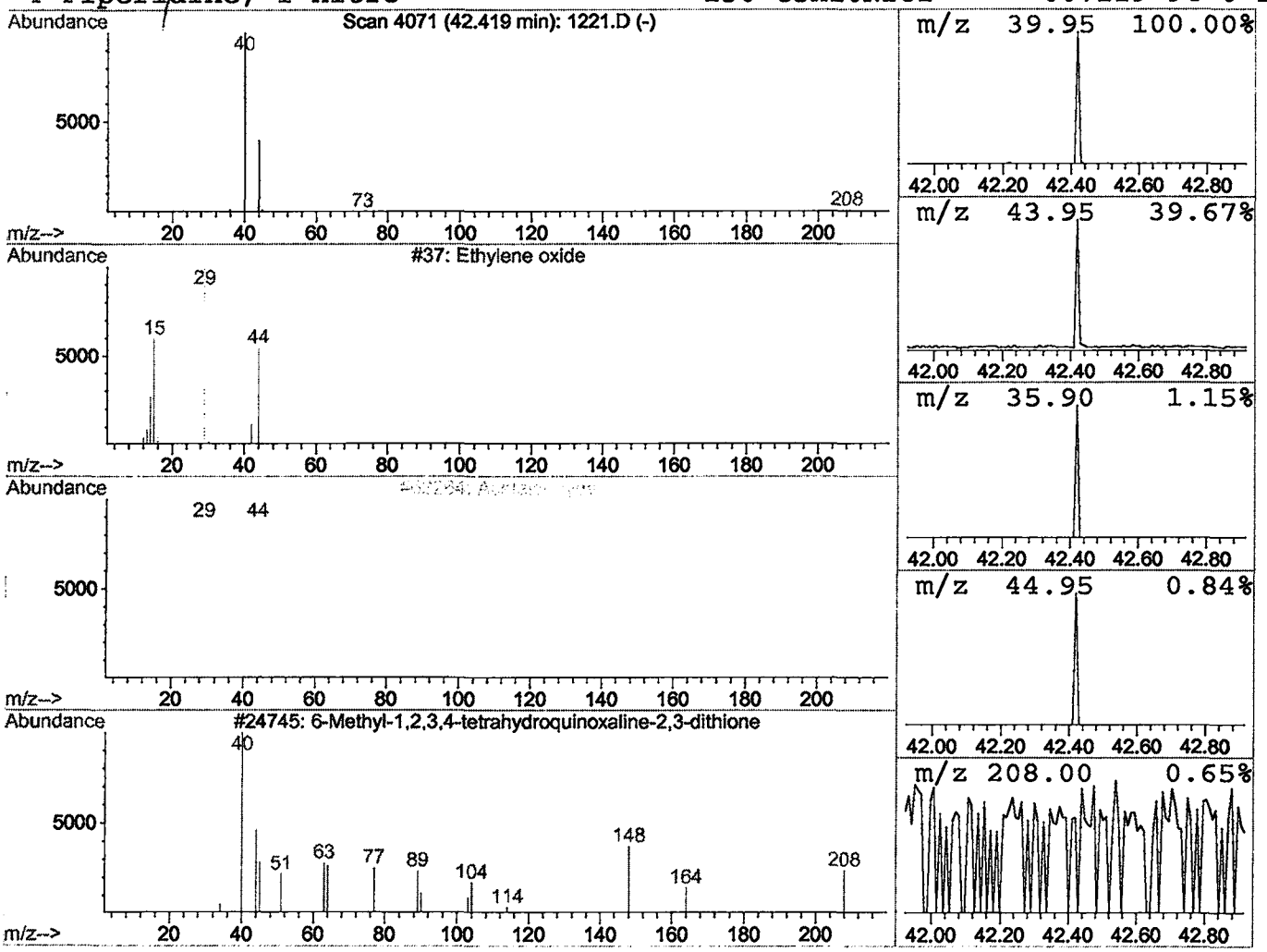
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethylene oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.42	0.45 ug/l	22638	Perylene-d12	38.09

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	6-Methyl-1,2,3,4-tetrahydroquinoxal	208	C9H8N2S2	000000-00-0	2
4	Piperidine, 1-nitro-	130	C5H10N2O2	007119-94-0	2



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Feb 2002 2:20 am
Data File: C:\HPCHEM\1\DATA\FEB1502\1221.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
Butane, 2-methoxy-2-	8.21	0.3	ug/l	28417	ISTD01	12.34	1653250	20.0
Ethylene oxide	42.42	0.5	ug/l	22638	ISTD06	38.09	995417	20.0

1221.D GCMS0208.M Thu Feb 21 09:28:27 2002