User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:26:38

Sample: AD31132
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:26 Ended: 2/11/02 16:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AD31132 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:26:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\31132.D Vial: 14
Acq On : 8 Feb 2002 9:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 11 12:22 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	278837	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1058778	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	572436	20.00	ug/l	0.00
29) Phenanthrene-d10	25.75	188	819395	20.00	ug/l	-0.02
38) Chrysene-d12	33.82	240	545130	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	352032	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.84	235	40067	3.93	ug/mL	0.34
Spiked Amount 5.000			Recovery = 78.60%			
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	16.04	128	243	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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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	25.76	178	217	N.D.	
34)	Anthracene	25.82	178	100	N.D.	
35)	Di-n-butylphthalate	27.72	149	5318	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	33.83	228	1283	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	690	N.D.	
43)	Chrysene	33.83	228	1283	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	38.12	252	1424	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

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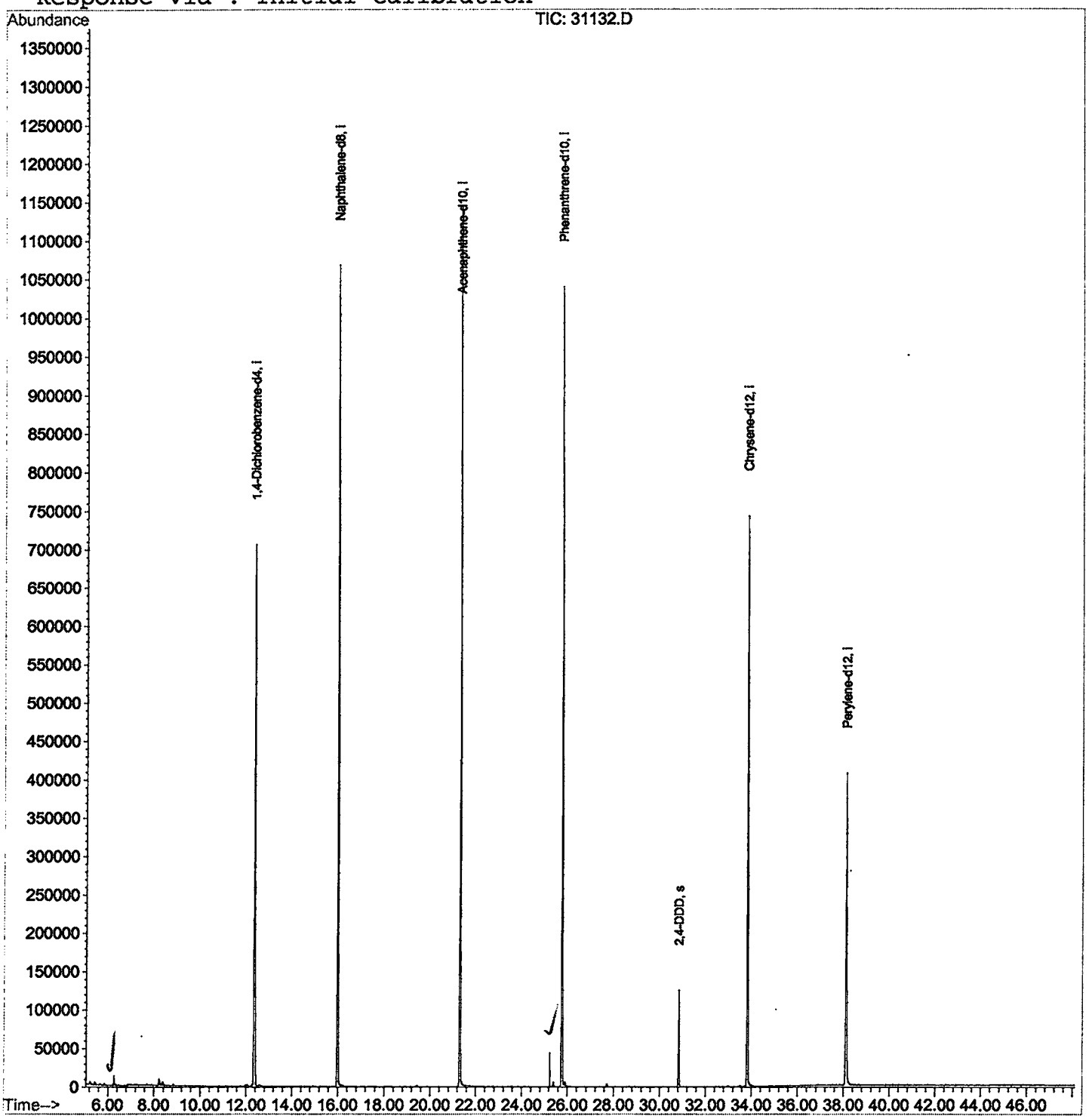
Acq On : 8 Feb 2002 9:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 11 12:22 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31132.D Vial: 14
Acq On : 8 Feb 2002 9:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 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

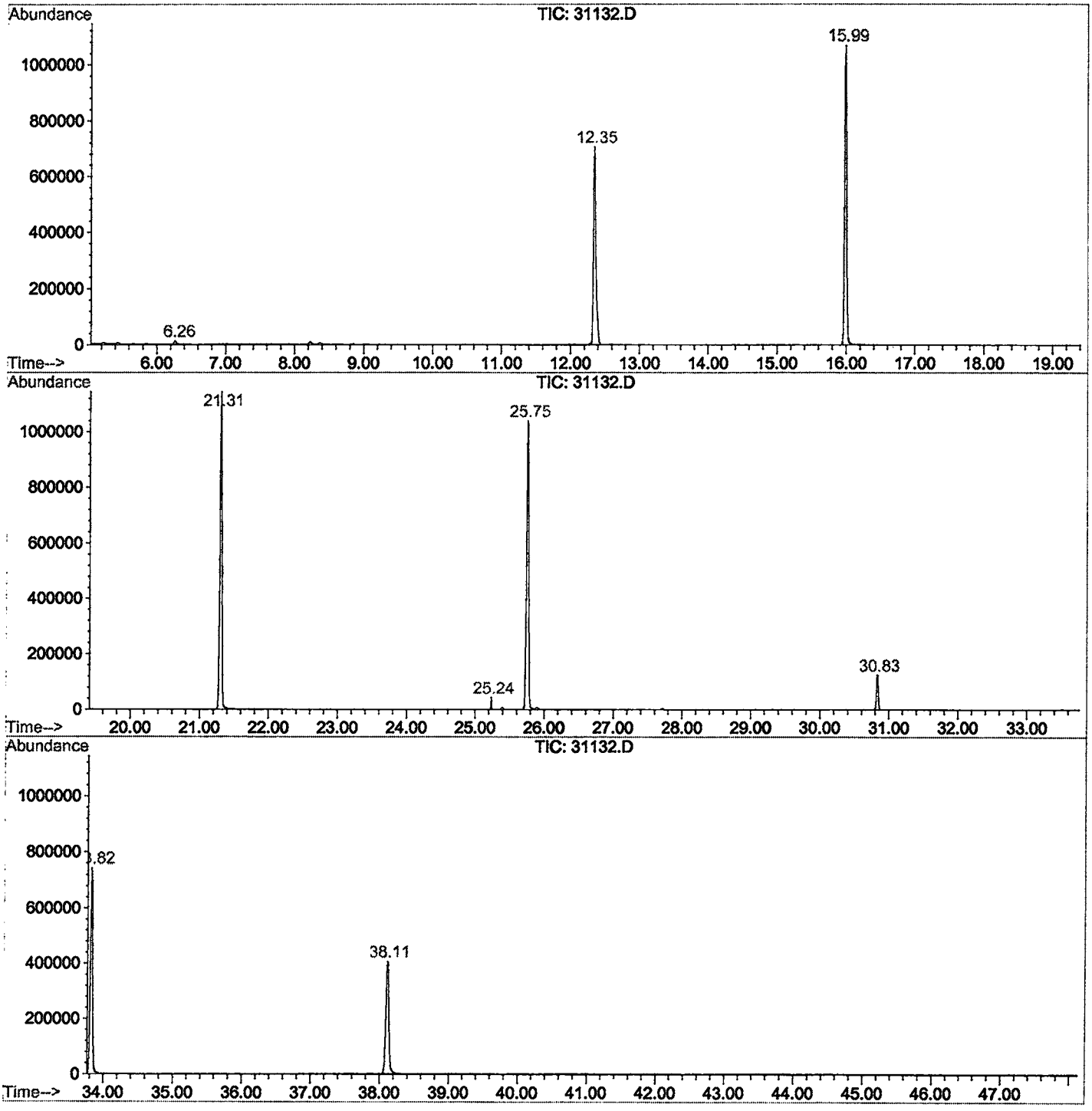
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.261	130	133	138	rBV	12679	24393	1.04%	0.208%
2	12.348	790	796	808	rVB	705222	1756942	74.78%	15.003%
3	15.993	1187	1193	1203	rBV	1067636	2171448	92.43%	18.543%
4	21.308	1765	1772	1786	rBV	1144960	2349369	100.00%	20.062%
5	25.237	2198	2200	2202	rBV	43816	24573	1.05%	0.210%
6	25.751	2250	2256	2268	rBV2	1040152	2276320	96.89%	19.438%
7	30.828	2805	2809	2815	rVB	125204	241626	10.28%	2.063%
8	33.821	3129	3135	3155	rBV2	742918	1665794	70.90%	14.225%
9	38.108	3595	3602	3622	rBV2	405176	1200117	51.08%	10.248%

Sum of corrected areas: 11710582

31132.D GCMS0208.M Mon Feb 11 12:31:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\31132.D
Operator : 209 GALOS
Acquired : 8 Feb 2002 9:59 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/4
Misc Info :
Vial Number: 14
Quant File :GCMS0208.RES (RTE Integrator)



31132.D GCMS0208.M Mon Feb 11 12:31:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31132.D Vial: 14
Acq On : 8 Feb 2002 9:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

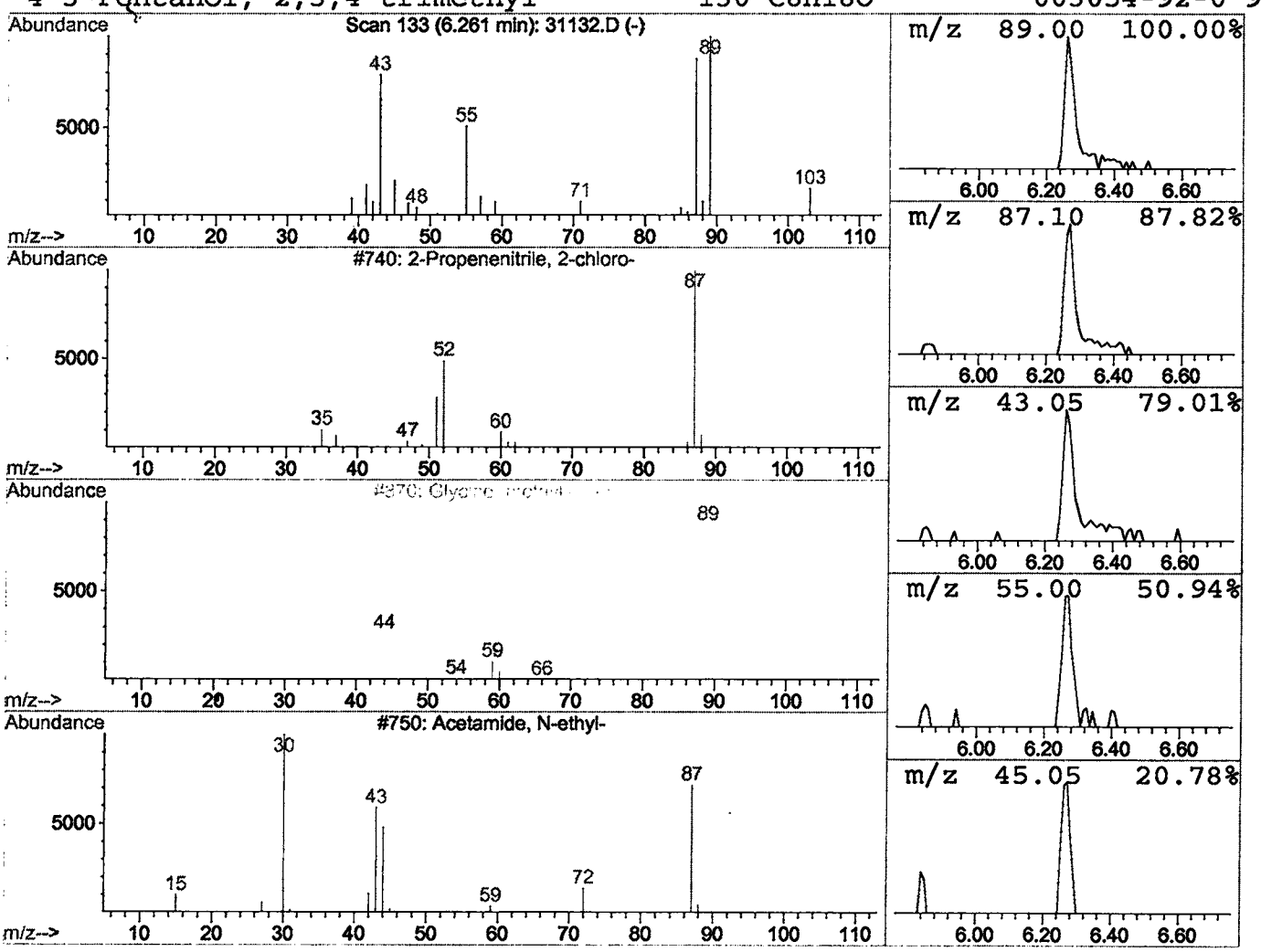
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Propenenitrile, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	0.28 ug/l	24393	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	9
2	Glycine, methyl ester	89	C3H7NO2	000616-34-2	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31132.D
Acq On : 8 Feb 2002 9:59 pm
Sample : GC/MS SCAN 2/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

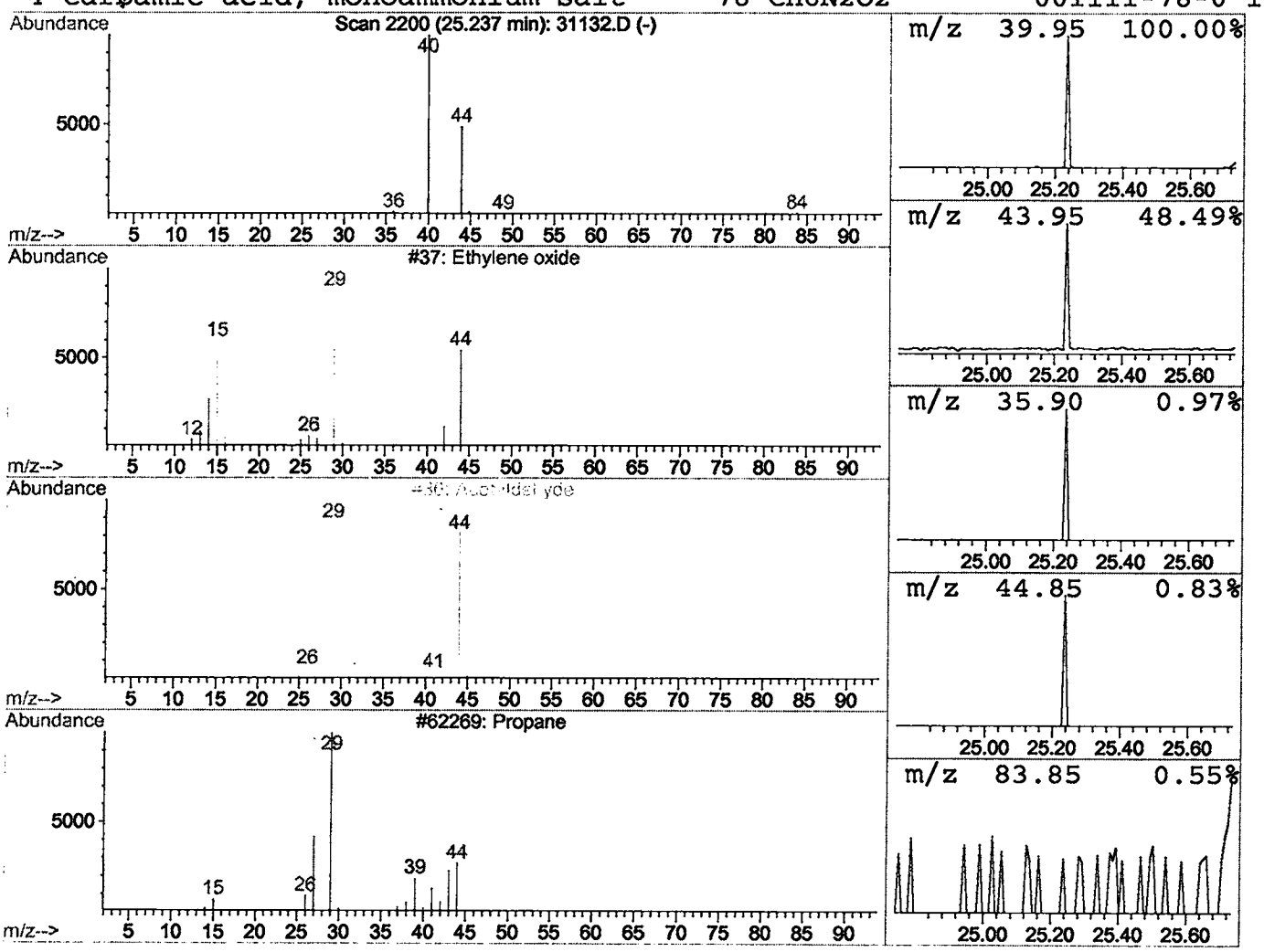
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	0.22 ug/l	24573	Phenanthrene-d10	25.75

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 (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Feb 2002 9:59 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\31132.D
Name: GC/MS SCAN 2/4
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
2-Propenenitrile, 2-	6.26	0.3	ug/l	24393	ISTD01	12.35	1756940	20.0
Ethylene oxide	25.24	0.2	ug/l	24573	ISTD04	25.75	2276320	20.0

31132.D GCMS0208.M Mon Feb 11 12:31:51 2002