User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 15:50:21

Sample: AD31375
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 15:50 Ended: 2/7/02 15:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Comments for Sample AD31375 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 15:50:24

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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31375.D Vial: 8
Acq On : 15 Jan 2002 5:47 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 13:59 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	735719	20.00	ug/l	-0.20
10) Naphthalene-d8	15.10	136	2880951	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.36	164	1454242	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	1963530	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1109586	20.00	ug/l	-0.24
44) Perylene-d12	36.86	264	707313	20.00	ug/l	-0.26
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	121984	5.65	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 113.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	194	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	1515	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	20.72	165	208	N.D.		
25) Diethylphthalate	21.89	149	519	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 : 15 Jan 2002 5:47 pm Operator: 209 GALOS
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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	24.77	178	517	N.D.	
34)	Anthracene	24.77	178	517	N.D.	
35)	Di-n-butylphthalate	26.80	149	32992	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	32.81	228	3179	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	3051	N.D.	
43)	Chrysene	32.88	228	656	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.97	252	190	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.86	252	2897	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.	

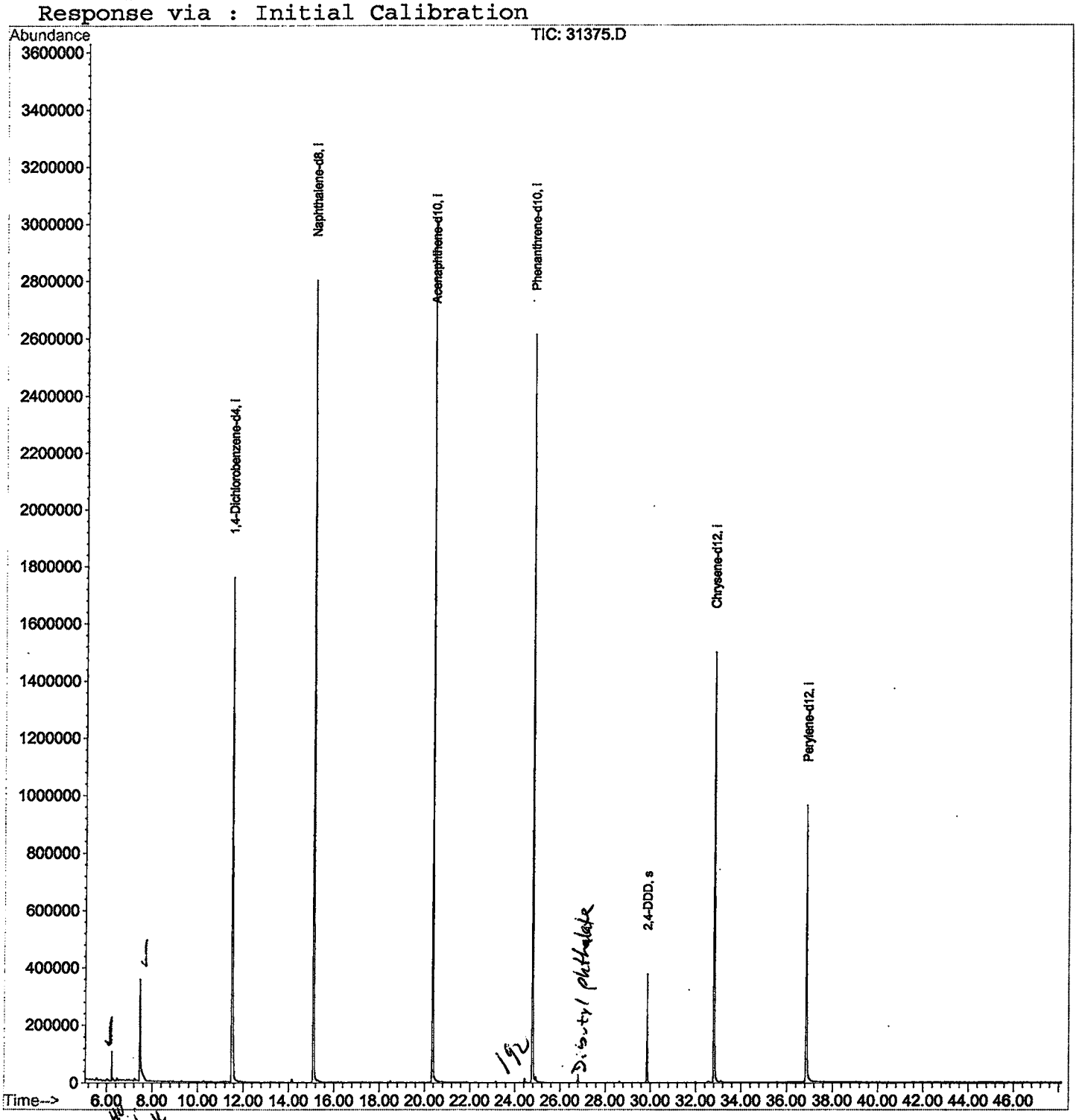
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31375.D
Acq On : 15 Jan 2002 5:47 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 4 13:59 2002

Vial: 8
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\31375.D Vial: 8
Acq On : 15 Jan 2002 5:47 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

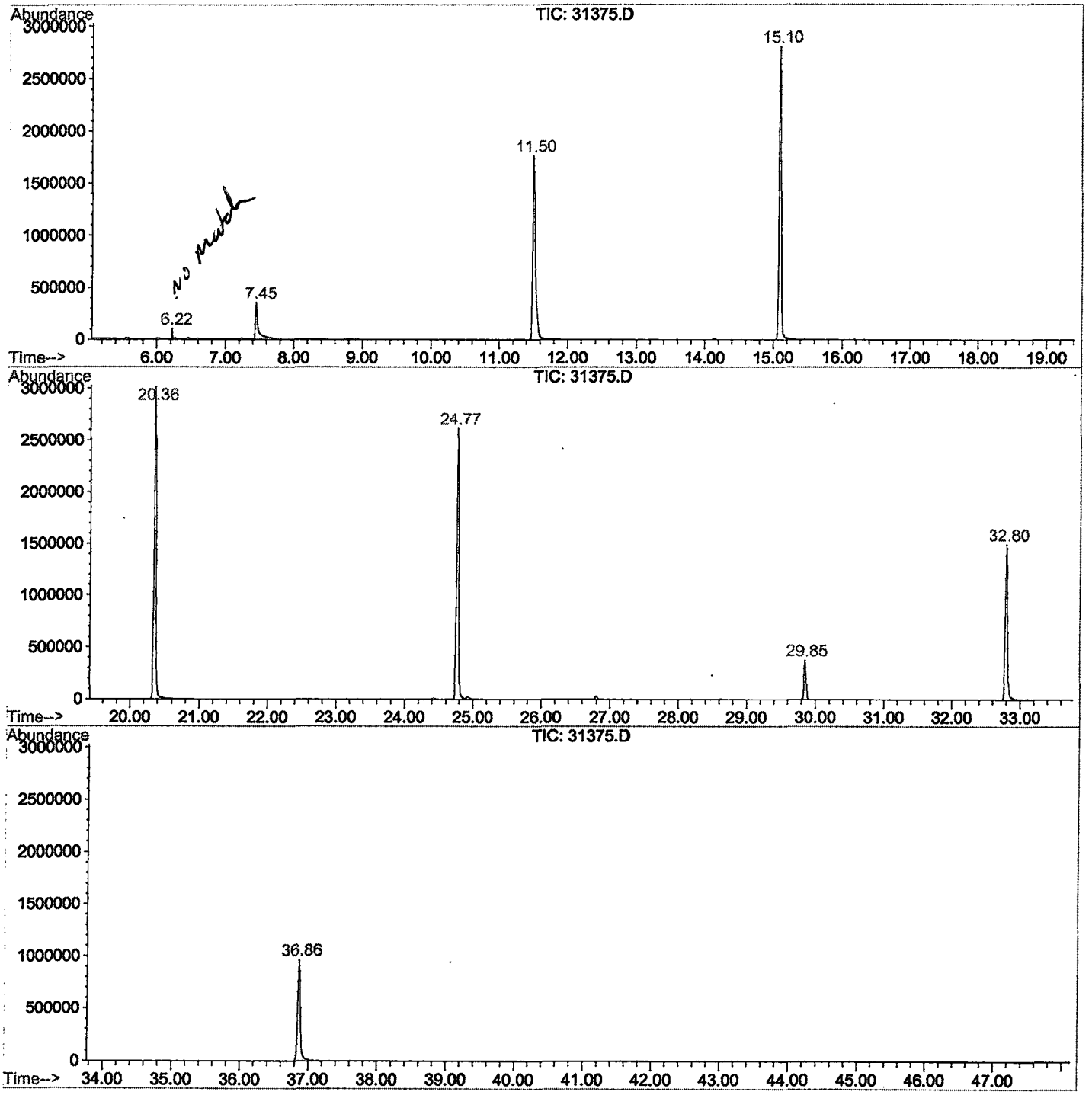
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.219	126	128	130	rBV	102799	62923	1.03%	0.209%
2	7.449	258	262	291	rBV	353241	1006752	16.49%	3.338%
3	11.498	698	703	723	rBV	1758823	4596462	75.30%	15.242%
4	15.096	1089	1095	1113	rBV	2802466	5906752	96.77%	19.587%
5	20.357	1662	1668	1682	rBV	3021715	6104223	100.00%	20.242%
6	24.772	2143	2149	2162	rBV2	2613060	5511607	90.29%	18.277%
7	29.849	2697	2702	2711	rBV	377993	758790	12.43%	2.516%
8	32.796	3017	3023	3046	rBV2	1499913	3568859	58.47%	11.835%
9	36.863	3459	3466	3492	rBV2	962812	2639461	43.24%	8.753%

Sum of corrected areas: 30155829

31375.D GCMS1126.M Mon Feb 04 15:05:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31375.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 5:47 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 8
Quant File :GCMS1126.RES (RTE Integrator)



31375.D GCMS1126.M Mon Feb 04 15:05:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31375.D
Acq On : 15 Jan 2002 5:47 pm
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

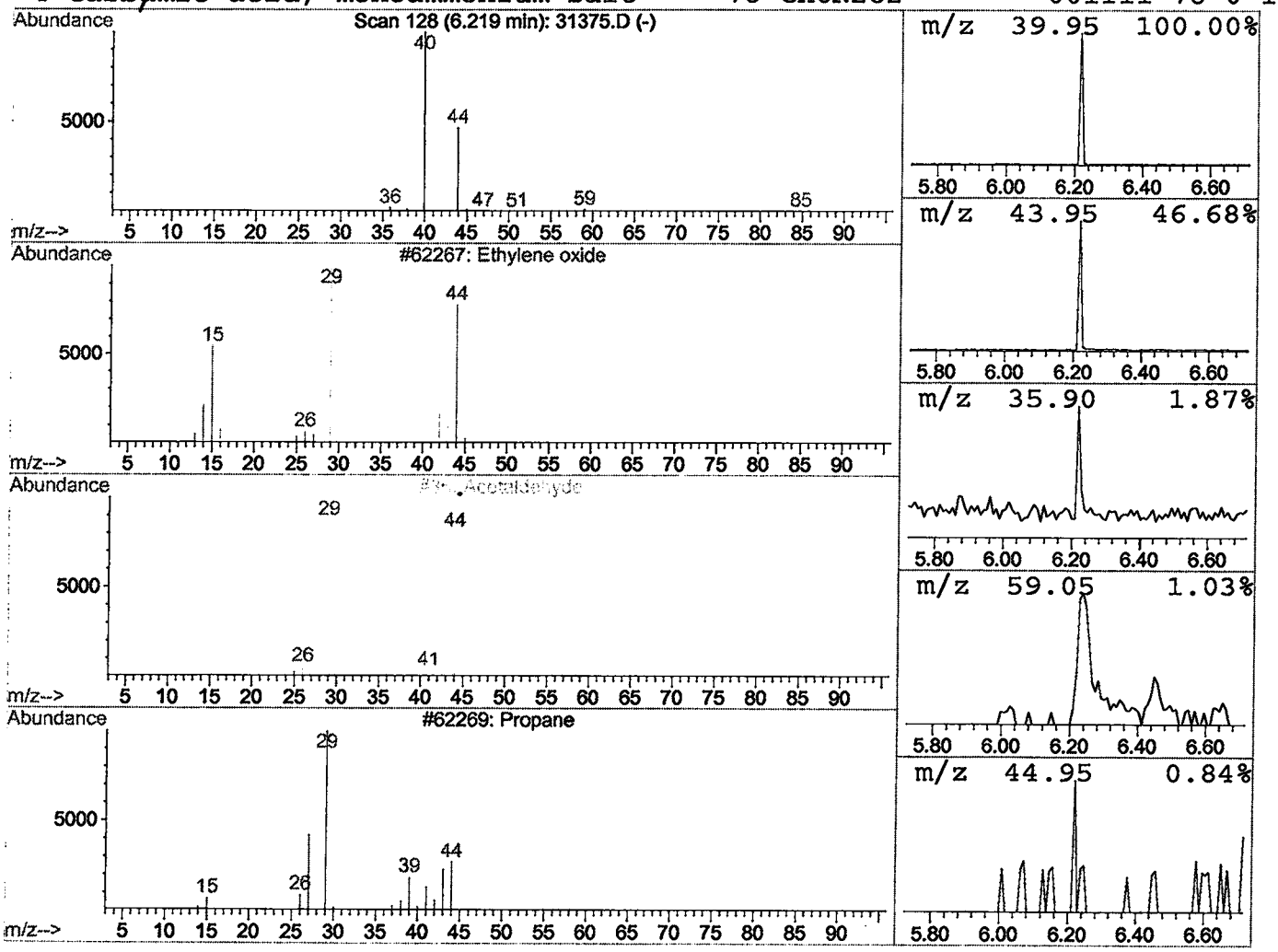
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	0.27 ug/l	62923	1,4-Dichlorobenzene-d4	11.50

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31375.D Vial: 8
Acq On : 15 Jan 2002 5:47 pm Operator: 209 GALOS
Sample : gc/ms scan 12/26 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

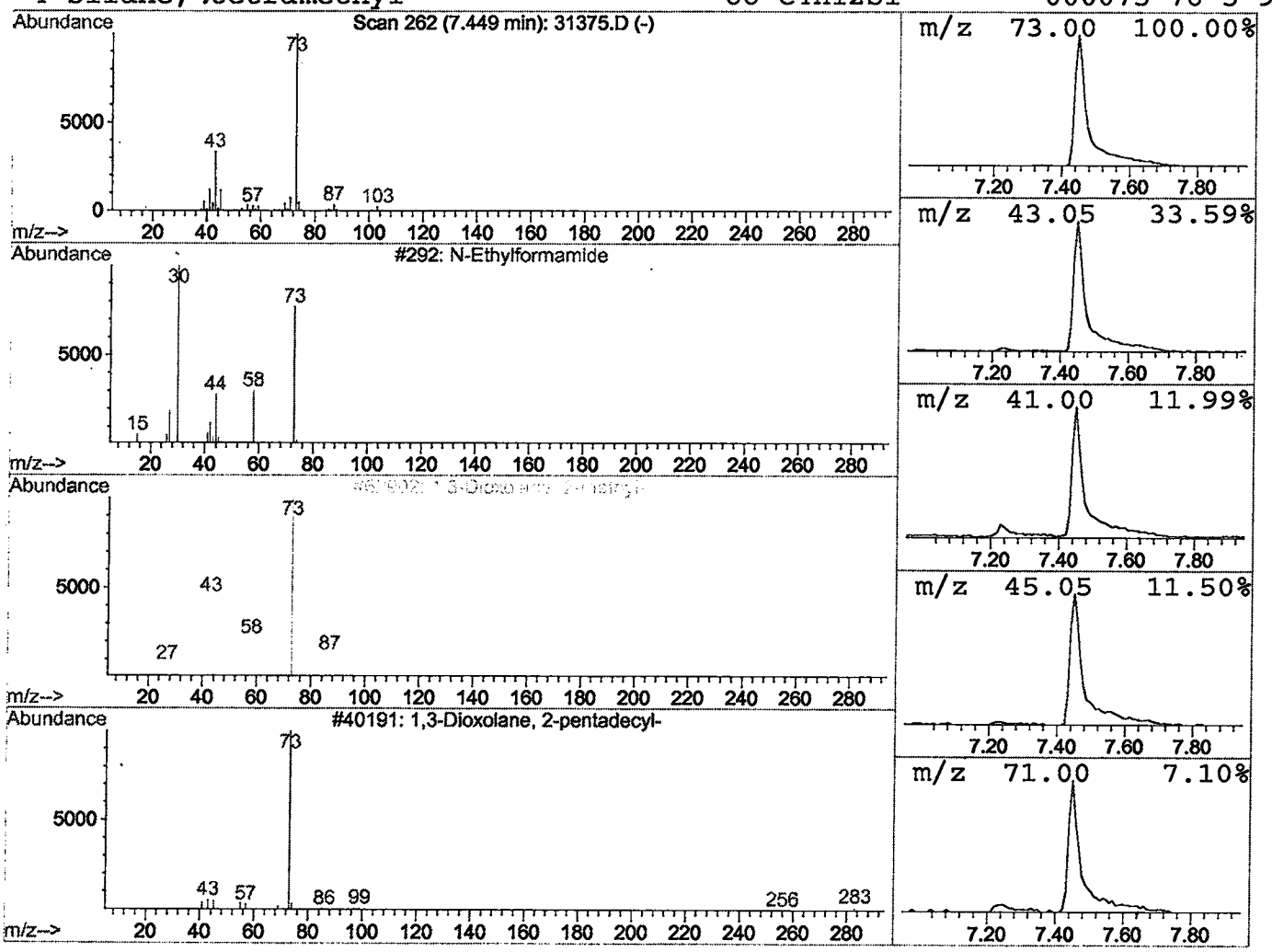
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.38 ug/l	1006750	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 5:47 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\31375.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
Ethylene oxide	6.22	0.3	ug/l	62923	ISTD01	11.50	4596460	20.0
N-Ethylformamide	7.45	4.4	ug/l	1006750	ISTD01	11.50	4596460	20.0

31375.D GCMS1126.M Mon Feb 04 15:06:01 2002