User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 14:46:10

Sample: AE01505
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 14:44 Ended: 3/6/02 14:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AE01505 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 14:46:13

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\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:01 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 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	218994	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	834700	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	438355	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	632442	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	448482	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	308473	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	39824	5.44	ug/mL	0.31
Spiked Amount 5.000			Recovery = 108.80%			
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	434	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.		
) Acenaphthene	0.00	153	0	N.D.		
) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
) Diethylphthalate	22.77	149	301	N.D.		
) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
Fluorene	0.00	166	0	N.D.		
Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

= qualifier out of range (m) = manual integration
.D GCMS0208.M Tue Feb 26 15:03:00 2002 Page 1

Data File : C:\HPCHEM\1\DATA\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:01 2002 Quant Results File: GCMS0208.RES

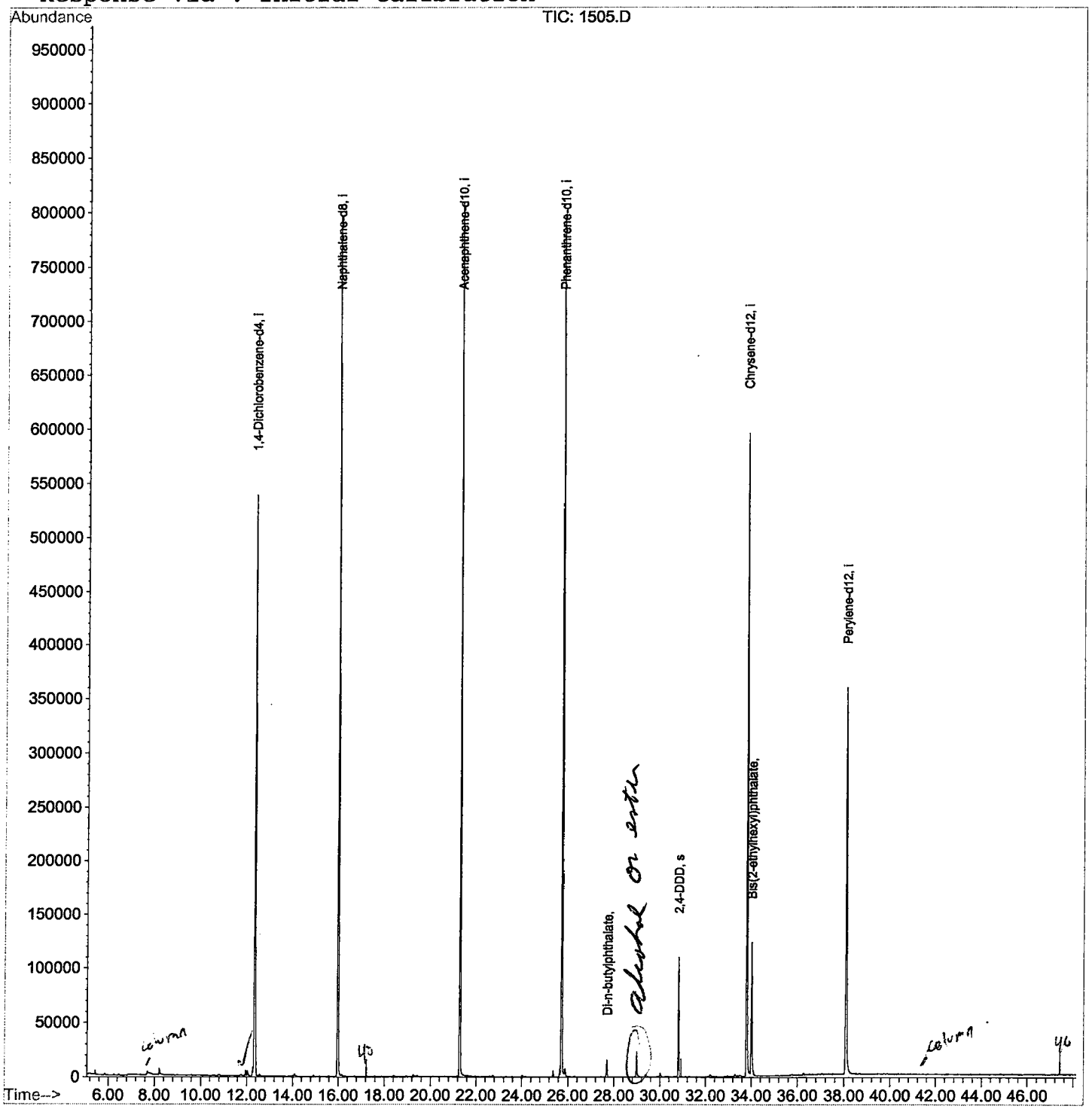
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

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	17849	0.33 ug/l #	98
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.23	149	1218	N.D.	
41) Benzo(a)anthracene	33.80	228	1016	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.00	149	91983	3.13 ug/l	97
43) Chrysene	33.80	228	1016	N.D.	
45) Di-n-Octylphthalate	35.77	149	3011	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	38.08	252	1247	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

Data File : C:\HPCHEM\1\DATA\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:01 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 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

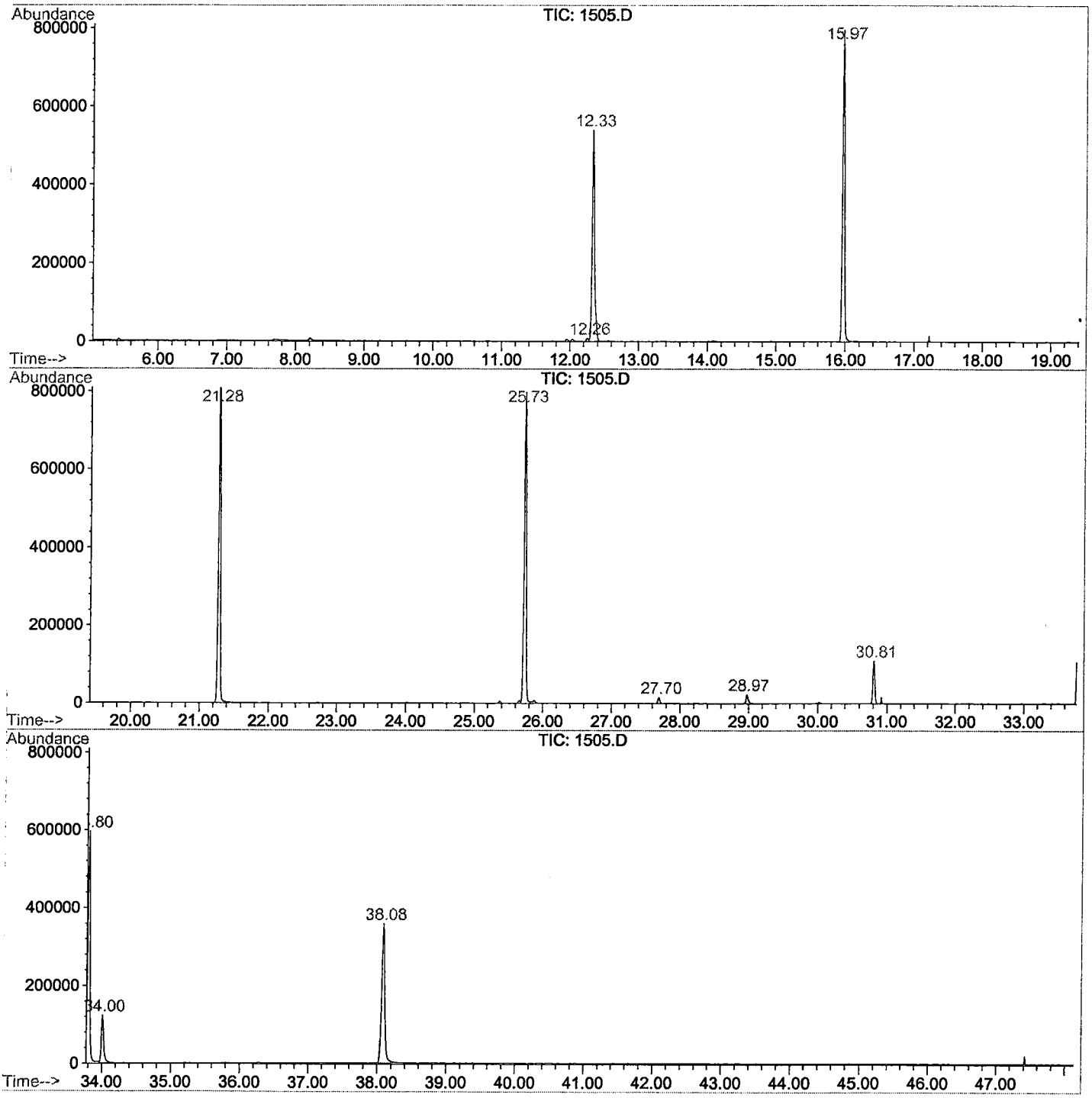
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.256	782	786	789	rBV	8141	18196	1.05%	0.194%
2	12.330	789	794	806	rVB	538613	1267147	73.09%	13.492%
3	15.974	1185	1191	1205	rBV	794961	1642470	94.73%	17.488%
4	21.280	1763	1769	1785	rBV	809477	1733797	100.00%	18.461%
5	25.733	2248	2254	2263	rVV2	797661	1692112	97.60%	18.017%
6	27.697	2462	2468	2473	rBV	15809	29777	1.72%	0.317%
7	28.974	2603	2607	2620	rVB	23182	50594	2.92%	0.539%
8	30.810	2802	2807	2813	rVB	109850	209988	12.11%	2.236%
9	33.802	3126	3133	3145	rBV2	595780	1363839	78.66%	14.522%
10	34.004	3151	3155	3171	rVB	122593	292865	16.89%	3.118%
11	38.080	3591	3599	3614	rBV2	357405	1091043	62.93%	11.617%

Sum of corrected areas: 9391828

1505.D GCMS0208.M Tue Feb 26 15:14:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1505.D
Operator :
Acquired : 22 Feb 2002 6:45 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 28
Quant File :GCMS0208.RES (RTE Integrator)



1505.D GCMS0208.M Tue Feb 26 15:14:38 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

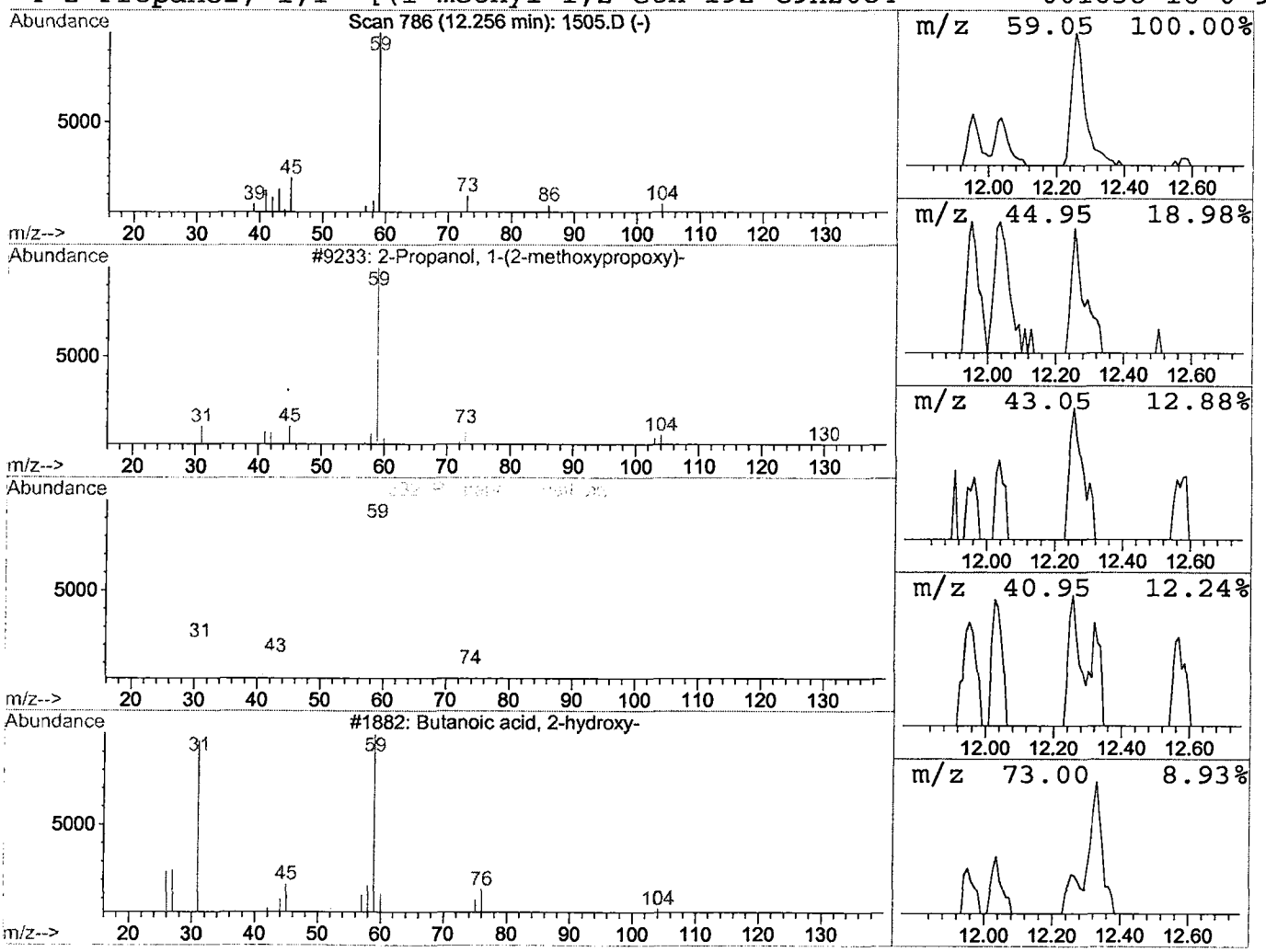
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Propanol, 1-(2-methoxypropox Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	0.29 ug/l	18196	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	Propane, 2-methoxy-	74	C4H10O	000598-53-8	39
3	Butanoic acid, 2-hydroxy-	104	C4H8O3	000565-70-8	9
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	9



Data File : C:\HPCHEM\1\DATA\FEB2102\1505.D Vial: 28
Acq On : 22 Feb 2002 6:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

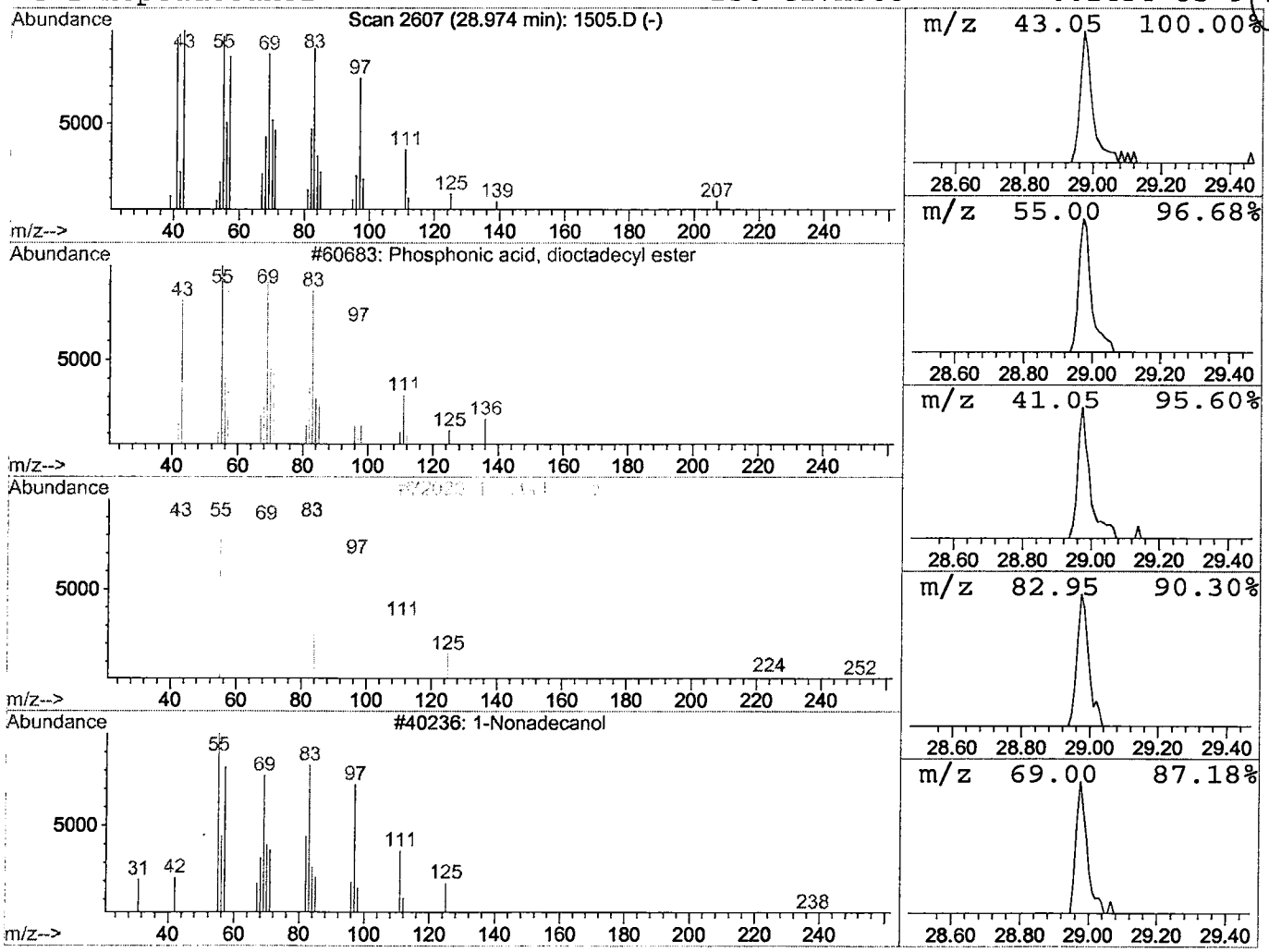
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phosphonic acid, dioctadecyl e Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.97	0.60 ug/l	50594	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	95
2	1-Octadecanol	270	C18H38O	000112-92-5	95
3	1-Nonadecanol	284	C19H40O	001454-84-8	94
4	1-Heptadecanol	256	C17H36O	001454-85-9	94



Tentatively Identified Compound (LSC) Summary

Operator ID: Date Acquired: 22 Feb 2002 6:45 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\1505.D
Name: gc/ms scan 1/22
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-Propanol, 1-(2-met	12.26	0.3	ug/l	18196	ISTD01	12.33	1267150	20.0
Phosphonic acid, dio	28.97	0.6	ug/l	50594	ISTD04	25.73	1692110	20.0

1505.D GCMS0208.M Tue Feb 26 15:14:51 2002