NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 15:54:04

Sample: AE01801
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 15:53 Ended: 3/6/02 15:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

46250/02552
Call 1/23/02 by Brown
data. ms

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Comments for Sample AE01801 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 15:55:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for an unidentified hydrocarbon at 33.4 minutes, and with an estimated level of 5.8 ug/L. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2502\1801.D Vial: 27
Acq On : 26 Feb 2002 3:32 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:39 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 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.32	152	291608	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1143226	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	603874	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	845512	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	575281	20.00	ug/l	-0.07
44) Perylene-d12	38.06	264	407446	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	43860	4.97	ug/mL	0.30
Spiked Amount 5.000			Recovery = 99.40%			
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	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	187	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	22.75	149	185	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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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2502\1801.D Vial: 27
Acq On : 26 Feb 2002 3:32 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:39 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 27 11:30:15 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	25.71	178	170	N.D.	
34)	Anthracene	25.71	178	170	N.D.	
35)	Di-n-butylphthalate	27.68	149	1720	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	33.78	228	1971	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.98	149	2087	N.D.	
43)	Chrysene	33.85	228	738	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	36.92	252	111	N.D.	
48)	Benzo(a)pyrene	38.06	252	1709	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

NYC-WTC_000003797

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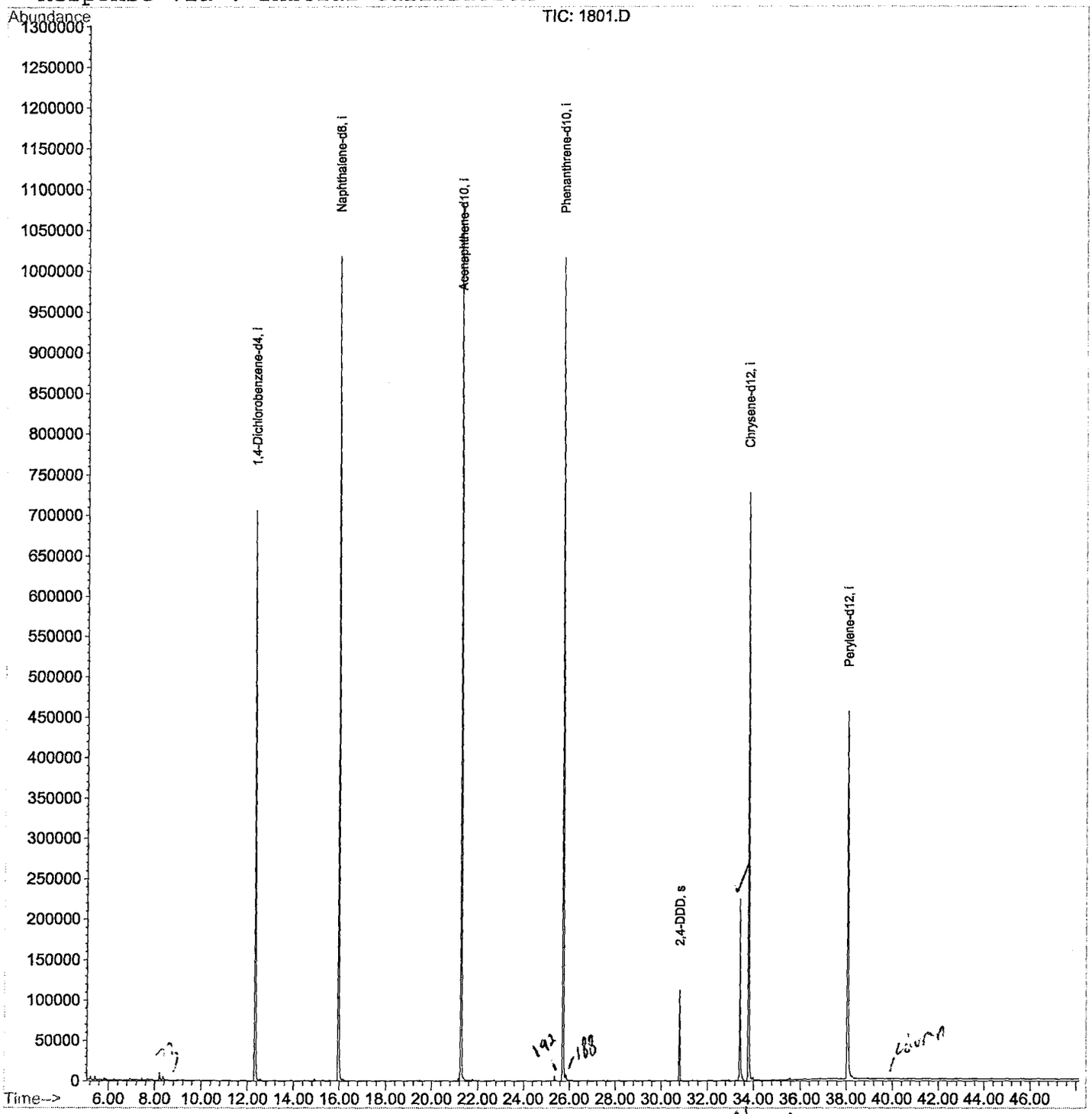
Data File : C:\HPCHEM\1\DATA\FEB2502\1801.D Vial: 27
Acq On : 26 Feb 2002 3:32 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:39 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



NYC-WTC_000003798

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Data File : C:\HPCHEM\1\DATA\FEB2502\1801.D Vial: 27
Acq On : 26 Feb 2002 3:32 pm Operator:
Sample : gc/ms scan 1/25 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	12.316	786	792	809	rVB	705081	1661995	70.13%	13.409%
2	15.961	1183	1189	1207	rBV	1017710	2223761	93.83%	17.942%
3	21.267	1761	1767	1783	rBV	1083827	2370043	100.00%	19.122%
4	25.719	2245	2252	2263	rBV2	1015703	2235102	94.31%	18.033%
5	30.796	2800	2805	2810	rBV	112309	225718	9.52%	1.821%
6	33.403	3084	3089	3110	rBV	223751	502463	21.20%	4.054%
7	33.780	3123	3130	3149	rBV2	726810	1736488	73.27%	14.010%
8	38.058	3587	3596	3617	rBV2	454232	1438827	60.71%	11.609%

Sum of corrected areas: 12394397

1801.D GCMS0208.M Thu Feb 28 11:50:32 2002

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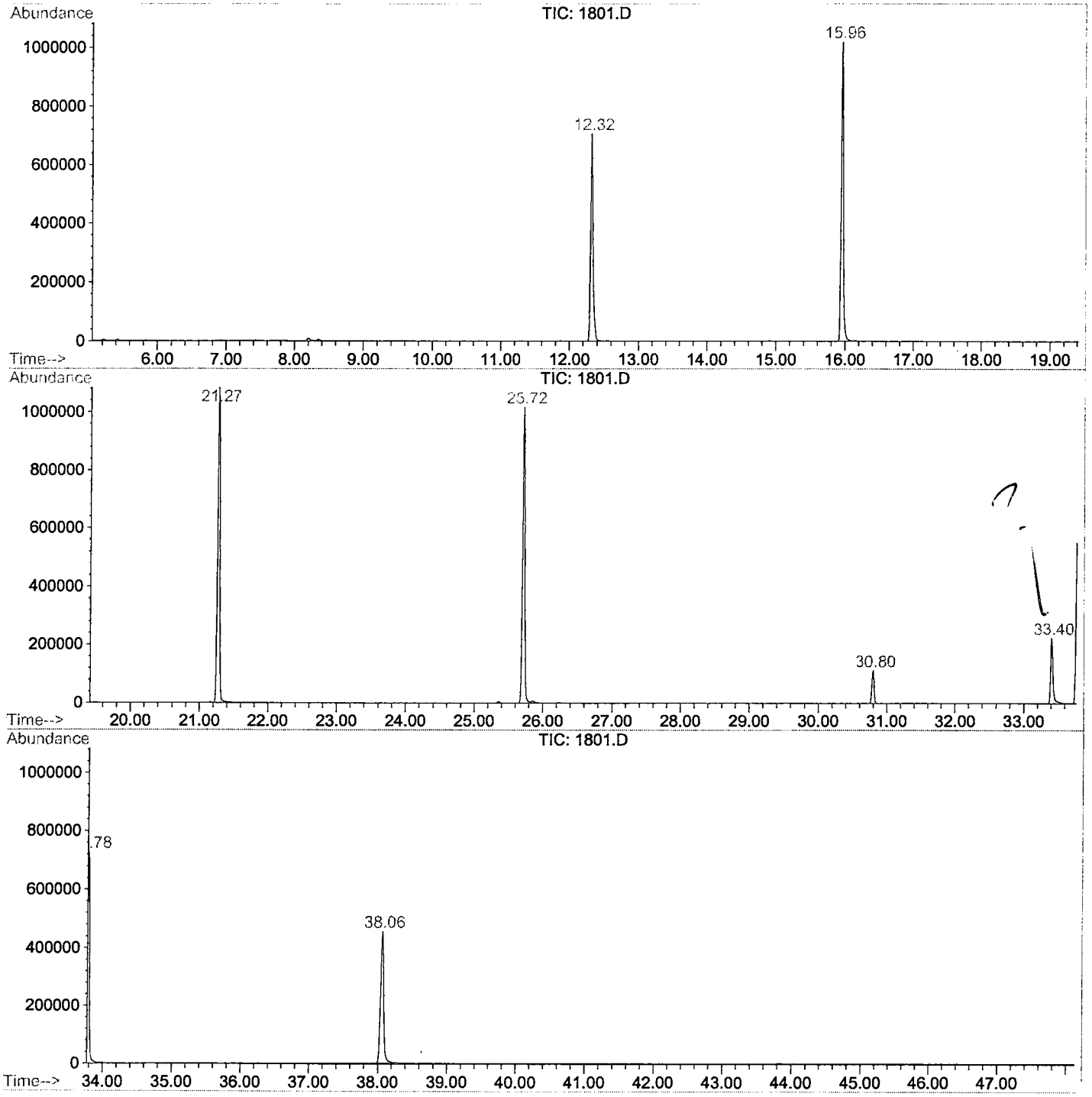
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1801.D
Operator :
Acquired : 26 Feb 2002 3:32 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 27
Quant File :GCMS0208.RES (RTE Integrator)



1801.D GCMS0208.M Thu Feb 28 11:50:37 2002

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB2502\1801.D Vial: 27
Acq On : 26 Feb 2002 3:32 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

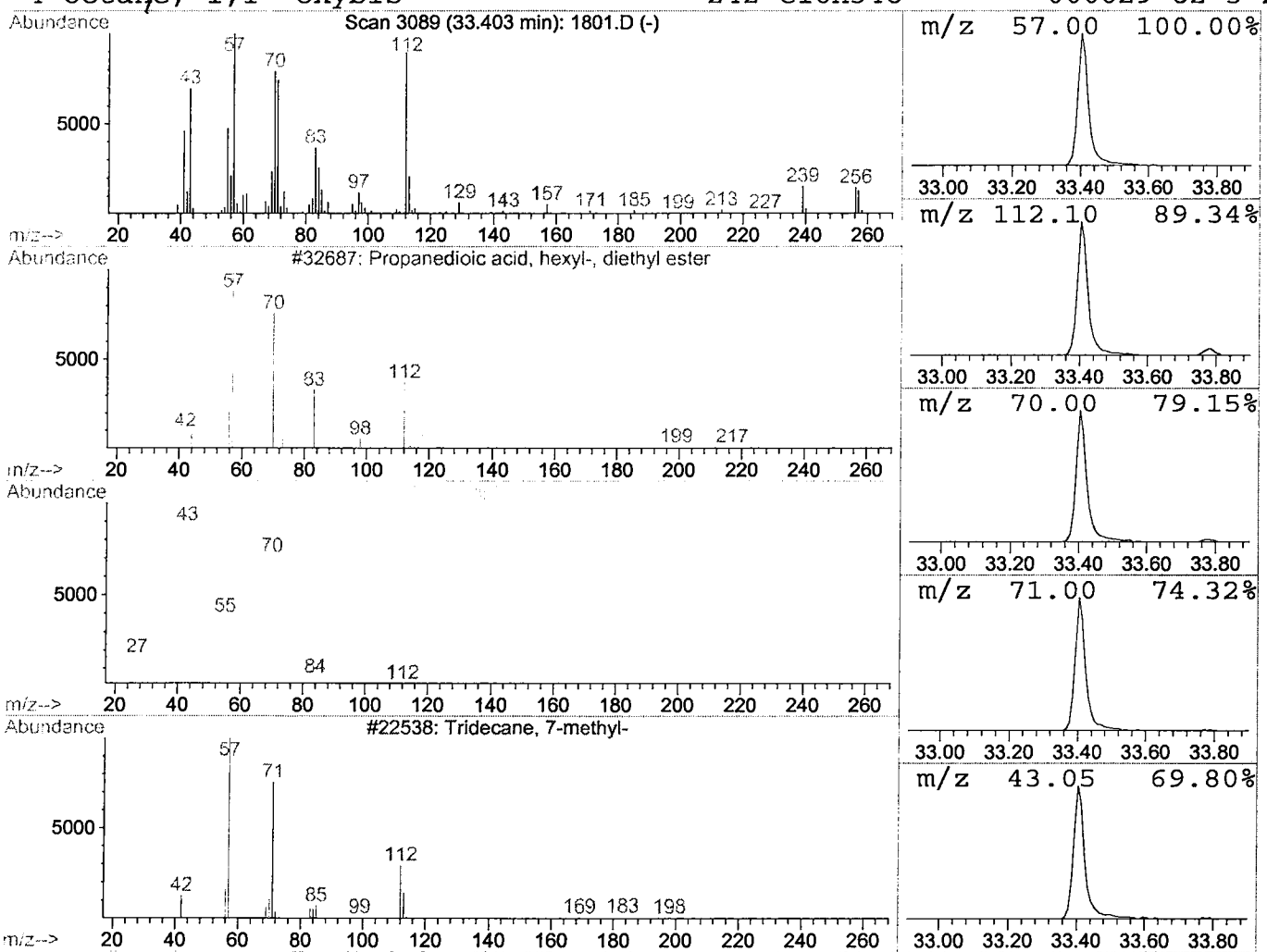
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propanedioic acid, hexyl-, die Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.40	5.79 ug/l	502463	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	35
2	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	32
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	27
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	22



NYC-WTC_000003801

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Tentatively Identified Compound (TIC) summary

Operator ID: Date Acquired: 26 Feb 2002 3:32 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1801.D
Name: gc/ms scan 1/25
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
Propanedioic acid, h	33.40	5.8	ug/l	502463	ISTD05	33.78	1736490	20.0

1801.D GCMS0208.M Thu Feb 28 11:50:46 2002