User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 16:06:37

Sample: AE01798
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 16:06 Ended: 3/6/02 16:06 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

16650 | 025\26
copy by TSW
11/23/02
data.MS

Comments for Sample AE01798 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 16:07:32

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 14 ug/L. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Data File : C:\HPCHEM\1\DATA\FEB2502\1798.D Vial: 24
Acq On : 26 Feb 2002 10:35 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:33 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	247820	20.00	ug/l	-0.03
10) Naphthalene-d8	15.96	136	948125	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	500721	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.71	188	700855m	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	436388	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	293806	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	41709	5.70	ug/mL	0.29
Spiked Amount 5.000			Recovery = 114.00%			
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	16.01	128	285	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 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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	0.00	149	0	N.D. 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	991	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	1553	N.D.	
43)	Chrysene	33.78	228	991	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	38.05	252	1087	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

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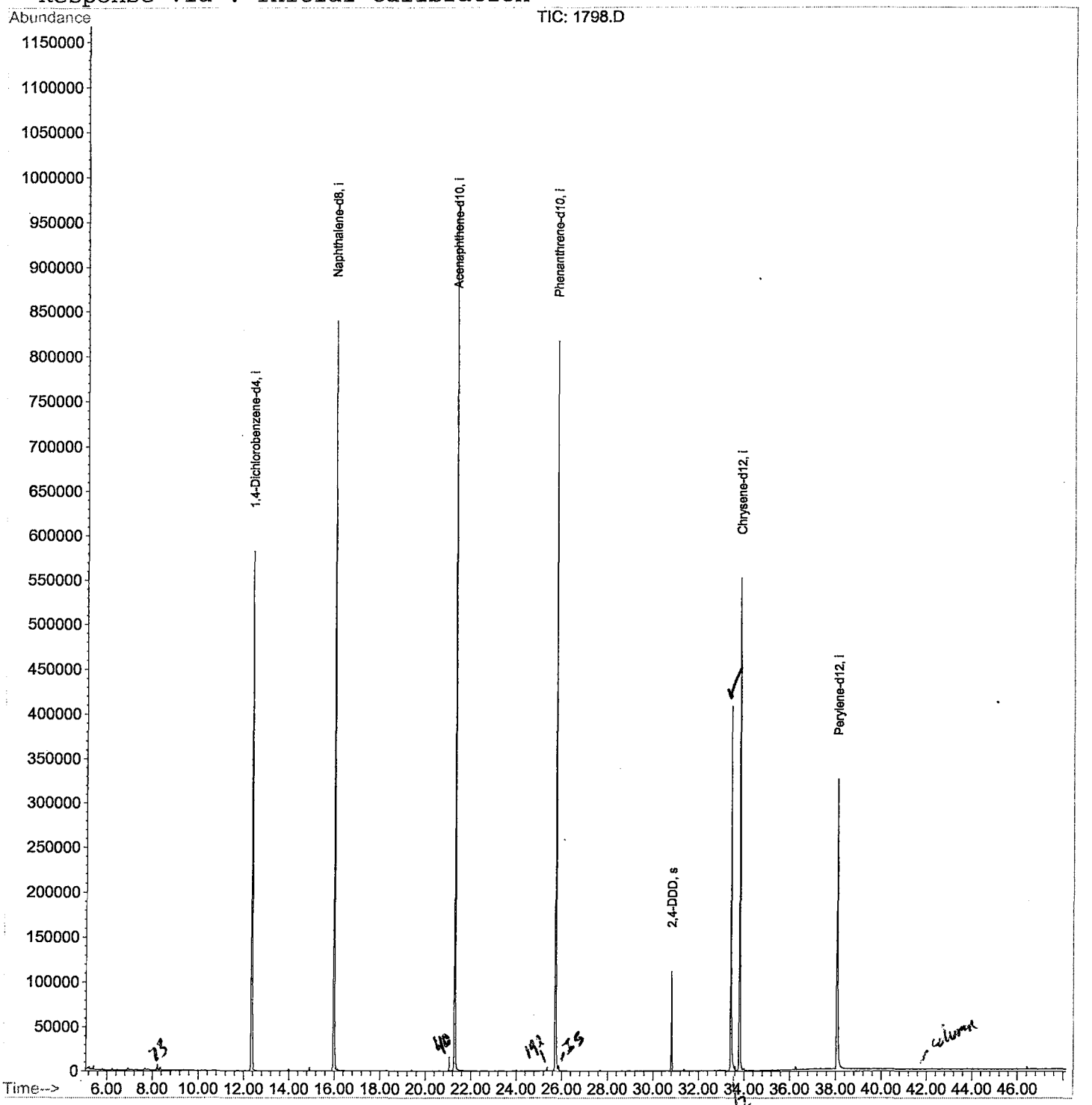
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:33 2002 Quant Results File: GCMS0208.RES

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



Data File : C:\HPCHEM\1\DATA\FEB2502\1798.D Vial: 24
Acq On : 26 Feb 2002 10:35 am 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

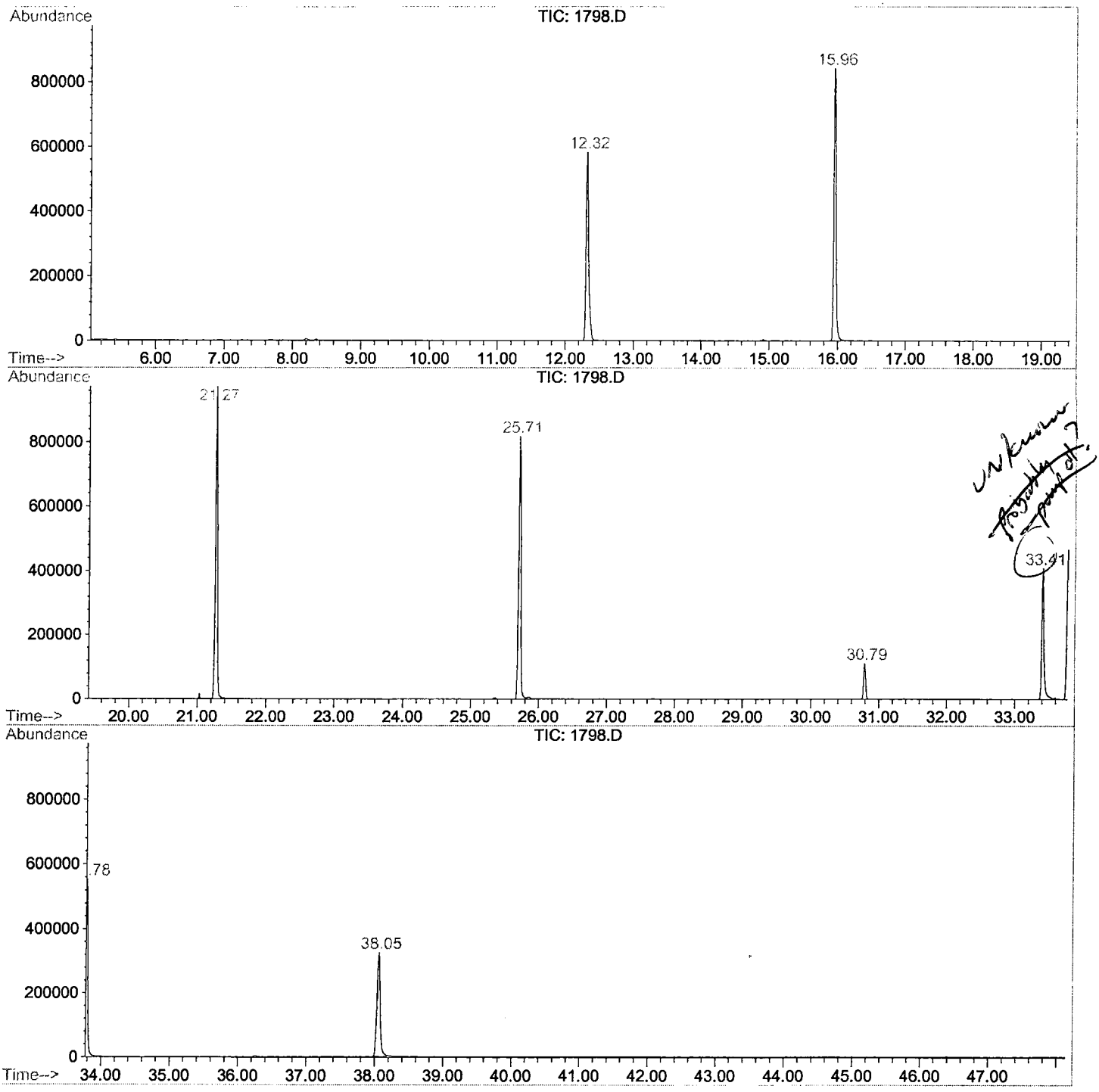
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.320	787	793	808	rBV	581808	1404959	70.66%	13.395%
2	15.956	1184	1189	1204	rBV	839576	1843086	92.70%	17.572%
3	21.271	1762	1768	1785	rBV	973152	1988299	100.00%	18.957%
4	25.714	2246	2252	2264	rBV2	817121	1819870	91.53%	17.351%
5	30.791	2800	2805	2812	rVB	111404	216476	10.89%	2.064%
6	33.407	3084	3090	3109	rBV	408324	904518	45.49%	8.624%
7	33.784	3124	3131	3148	rBV2	552127	1308492	65.81%	12.475%
8	38.053	3588	3596	3609	rBV2	324446	1002896	50.44%	9.562%

Sum of corrected areas: 10488596

1798.D GCMS0208.M Thu Feb 28 11:48:07 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1798.D
Operator :
Acquired : 26 Feb 2002 10:35 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 24
Quant File :GCMS0208.RES (RTE Integrator)



1798.D GCMS0208.M Thu Feb 28 11:48:13 2002

Data File : C:\HPCHEM\1\DATA\FEB2502\1798.D Vial: 24
Acq On : 26 Feb 2002 10:35 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

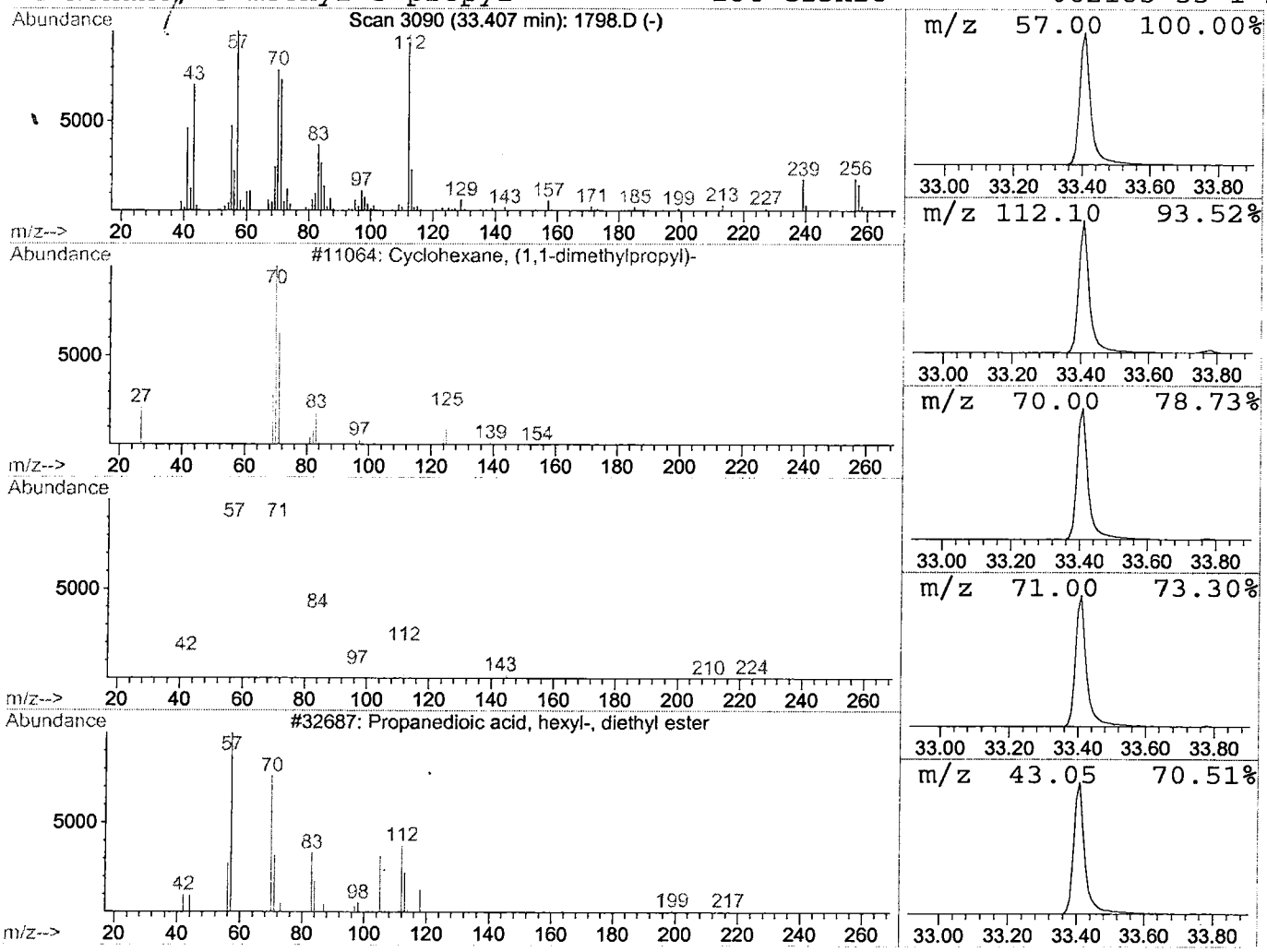
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, (1,1-dimethylprop Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.41	13.83 ug/l	904518	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	38
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
3	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	35
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	27



Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 26 Feb 2002 10:35 am
Data File: C:\HPCHEM\1\DATA\FEB2502\1798.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
Cyclohexane, (1,1-di	33.41	13.8	ug/l	904518	ISTD05	33.78	1308490	20.0

1798.D GCMS0208.M Thu Feb 28 11:48:21 2002