User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 14:33:36

Sample: AE01498
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 14:32 Ended: 3/6/02 14:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AE01498 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 14:33:42

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\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:31 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	214437	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	821066	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	439142	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	599790	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	372452	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	247557	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	33915	4.89	ug/mL	0.32
Spiked Amount 5.000			Recovery = 97.80%			
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	16.02	128	387	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	511	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)

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:31 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	27.69	149	10969	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	33.80	228	763	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	1591	N.D.	
43)	Chrysene	33.80	228	764	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	38.08	252	978	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.	

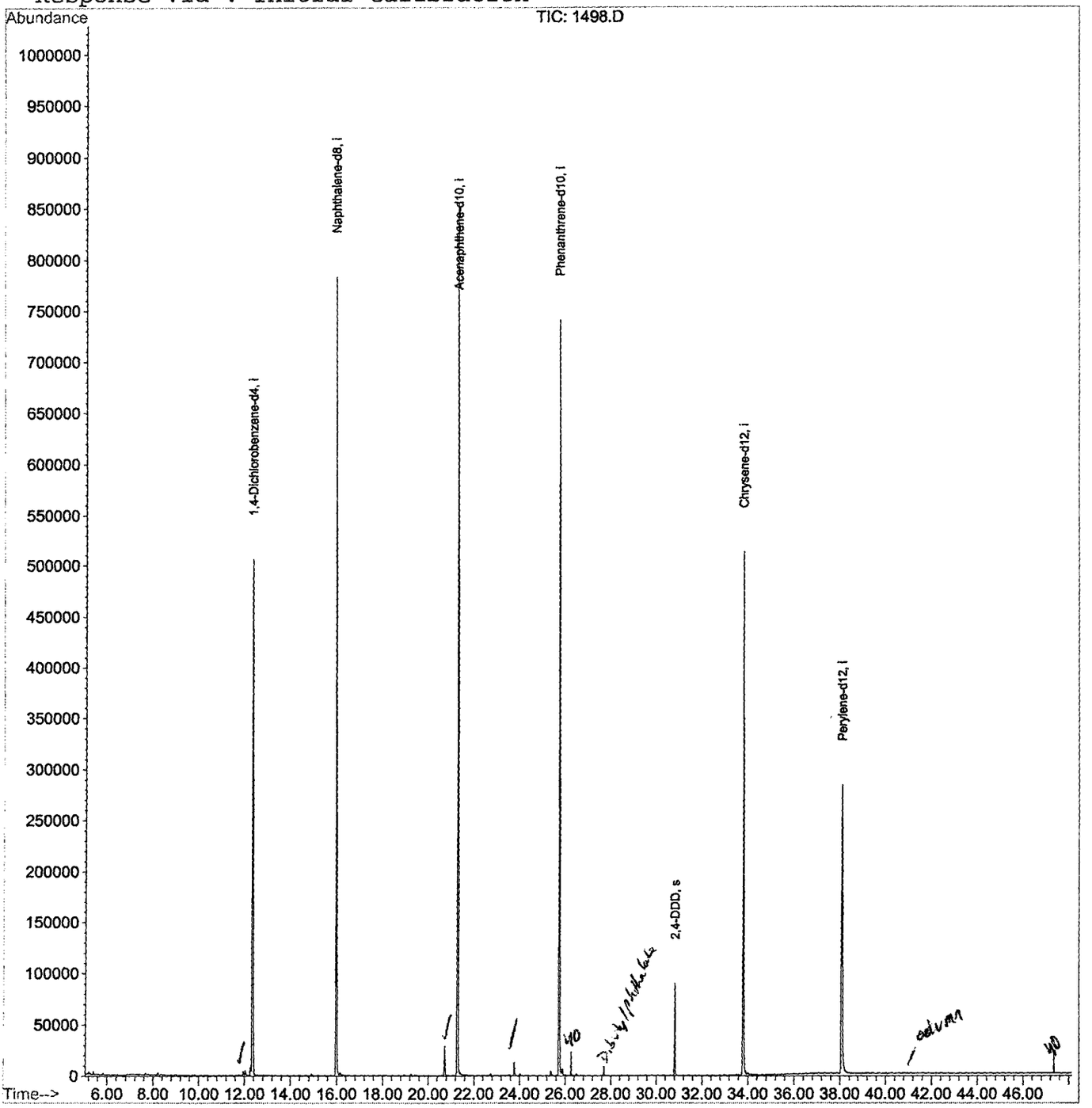
(m) = qualifier out of range (m) = manual integration
Tue Feb 26 14:32:32 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D
Acq On : 22 Feb 2002 11:46 am
Sample : gc/ms scan 1/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:31 2002

Vial: 21
Operator:
Inst : GC/MS 209
Multiplr: 1.00
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am 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

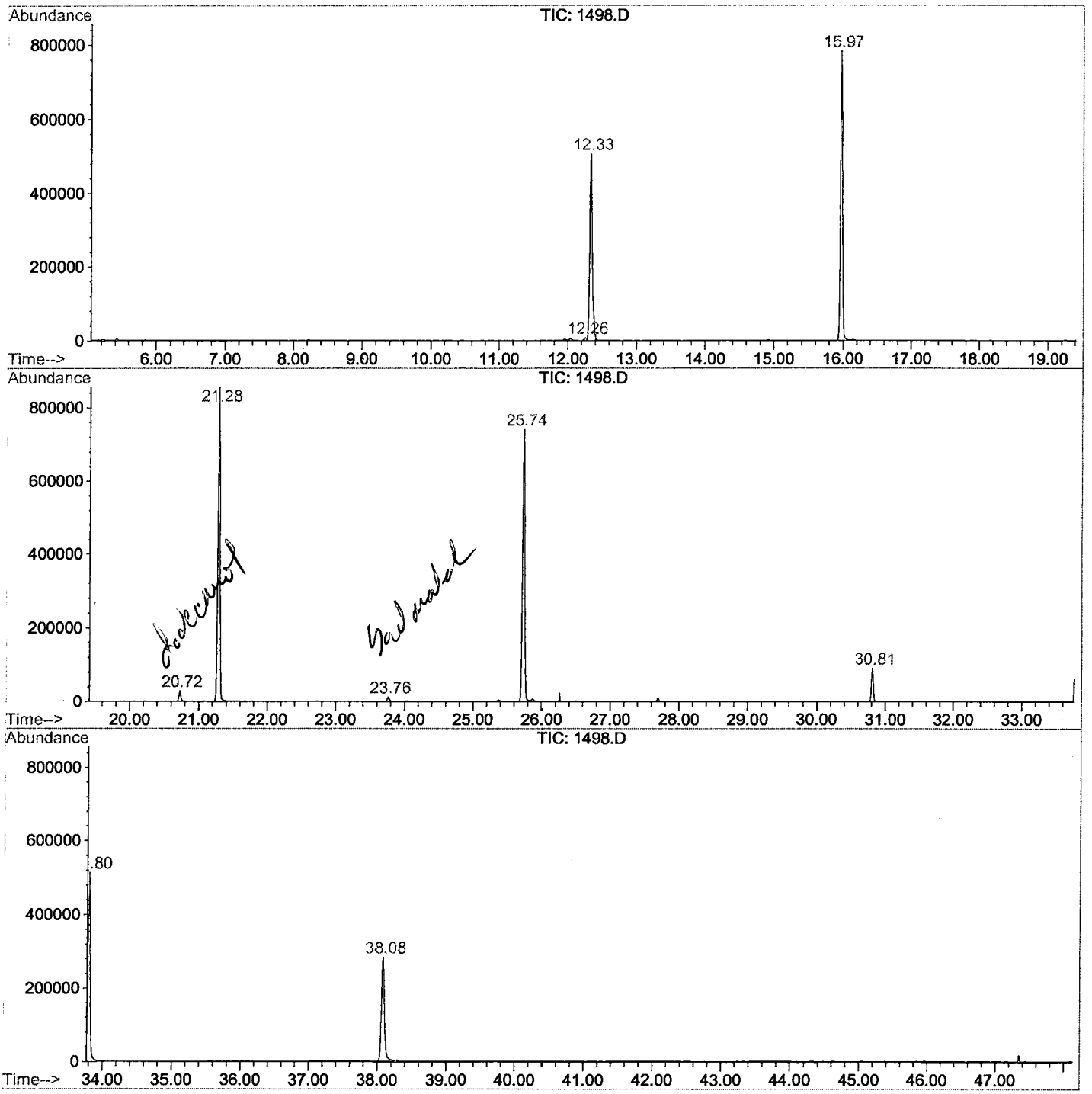
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.260	781	786	789	rBV	7512	17717	1.01%	0.209%
2	12.334	789	794	810	rVB	506346	1237595	70.78%	14.585%
3	15.969	1184	1190	1206	rBV	782958	1608414	91.99%	18.955%
4	20.725	1704	1708	1714	rBV	28852	53543	3.06%	0.631%
5	21.285	1763	1769	1786	rBV	855843	1748445	100.00%	20.605%
6	23.763	2035	2039	2046	rBV	12598	25204	1.44%	0.297%
7	25.737	2247	2254	2265	rBV2	740729	1598613	91.43%	18.840%
8	30.814	2802	2807	2813	rVB	90360	178817	10.23%	2.107%
9	33.797	3125	3132	3149	rBV2	513309	1136082	64.98%	13.389%
10	38.085	3590	3599	3617	rBV2	282842	880939	50.38%	10.382%

Sum of corrected areas: 8485369

1498.D GCMS0208.M Tue Feb 26 15:07:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1498.D
Operator :
Acquired : 22 Feb 2002 11:46 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 21
Quant File :GCMS0208.RES (RTE Integrator)



1498.D GCMS0208.M Tue Feb 26 15:07:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

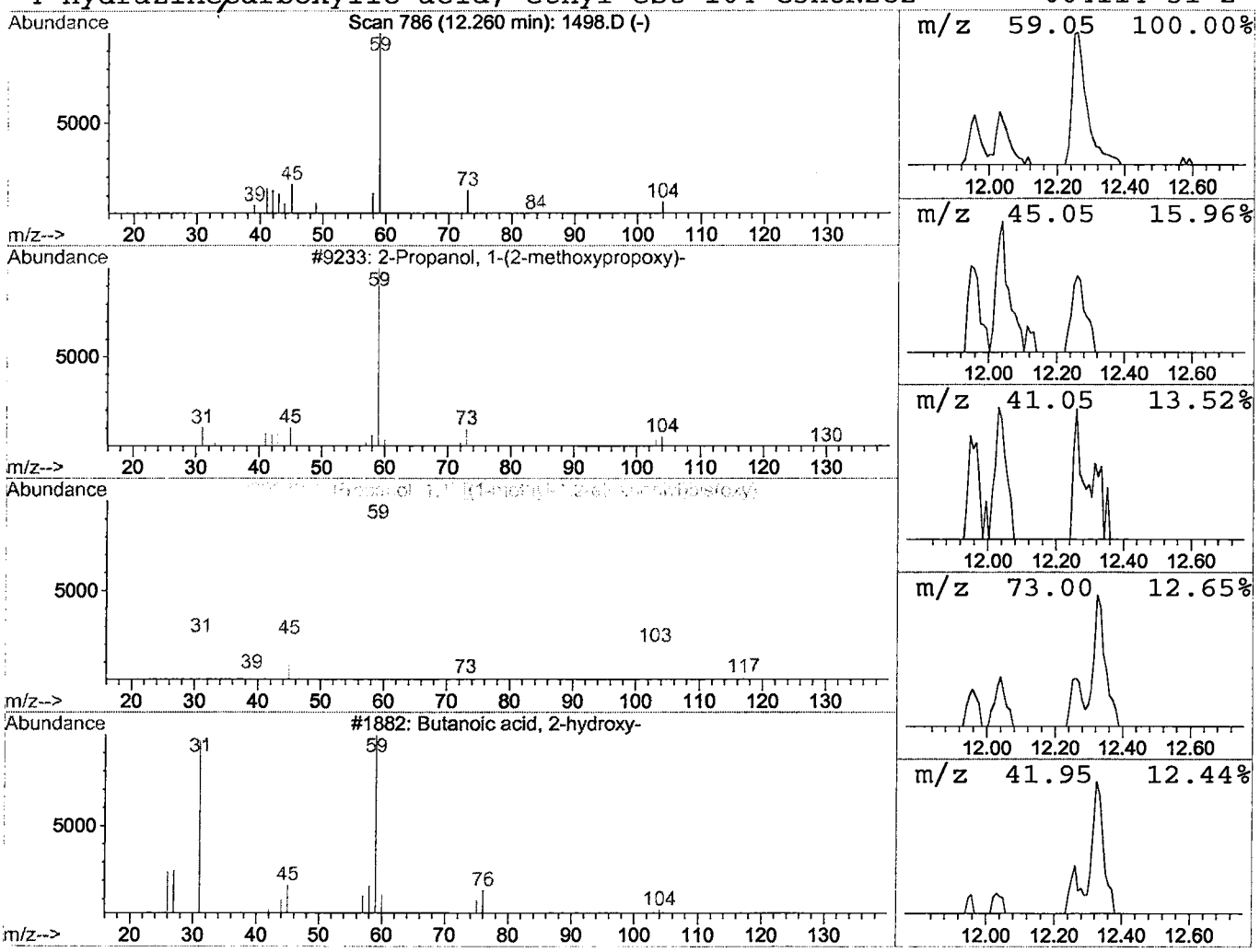
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Propanol, 1-(2-methoxypropox Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	0.29 ug/l	17717	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	64
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	9
3	Butanoic acid, 2-hydroxy-	104	C4H8O3	000565-70-8	7
4	Hydrazinecarboxylic acid, ethyl est	104	C3H8N2O2	004114-31-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

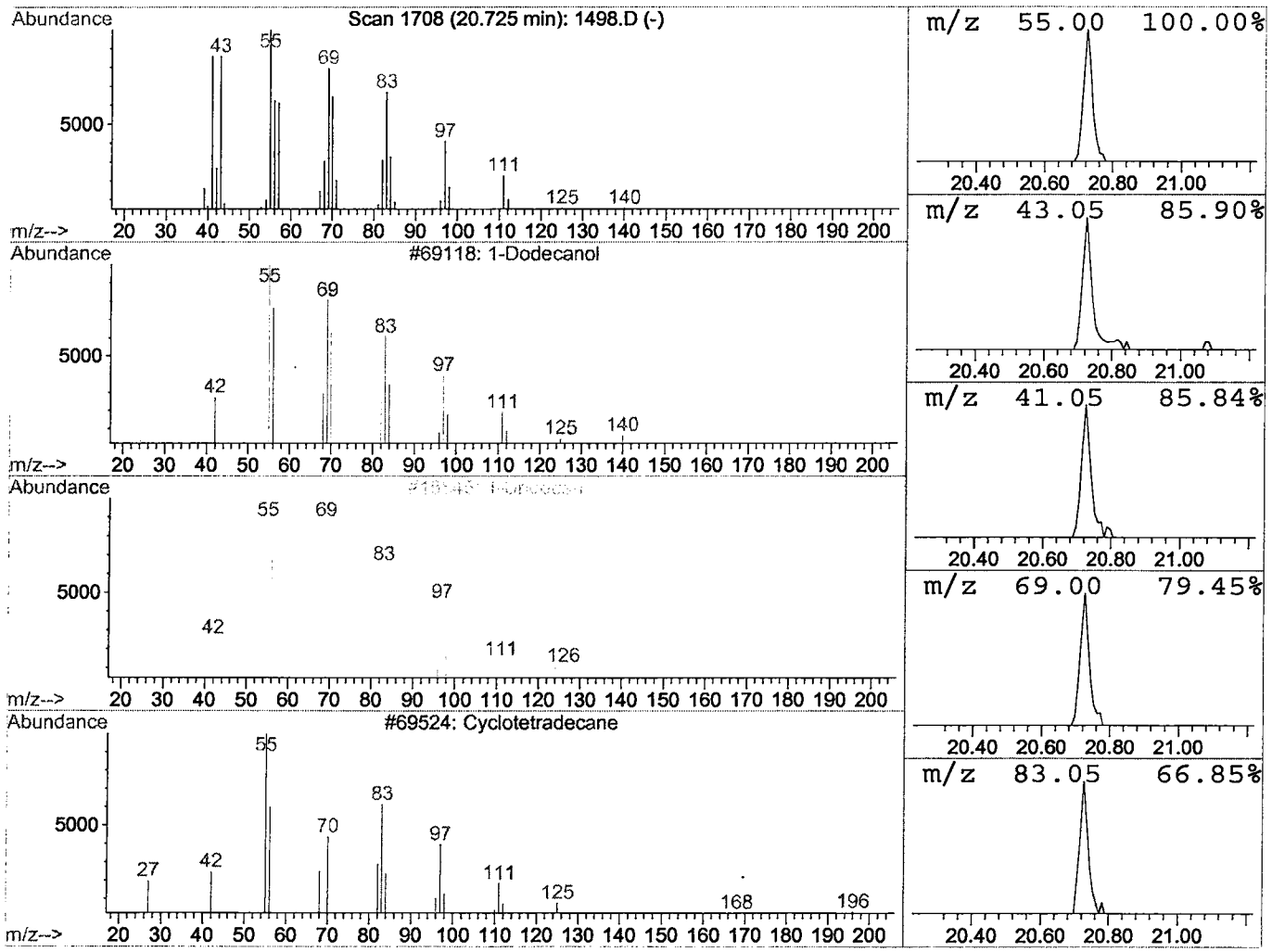
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Dodecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	0.61 ug/l	53543	Acenaphthene-d10	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	91
2	1-Undecanol	172	C11H24O	000112-42-5	91
3	Cyclotetradecane	196	C14H28	000295-17-0	68
4	1-Decene	140	C10H20	000872-05-9	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1498.D Vial: 21
Acq On : 22 Feb 2002 11:46 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

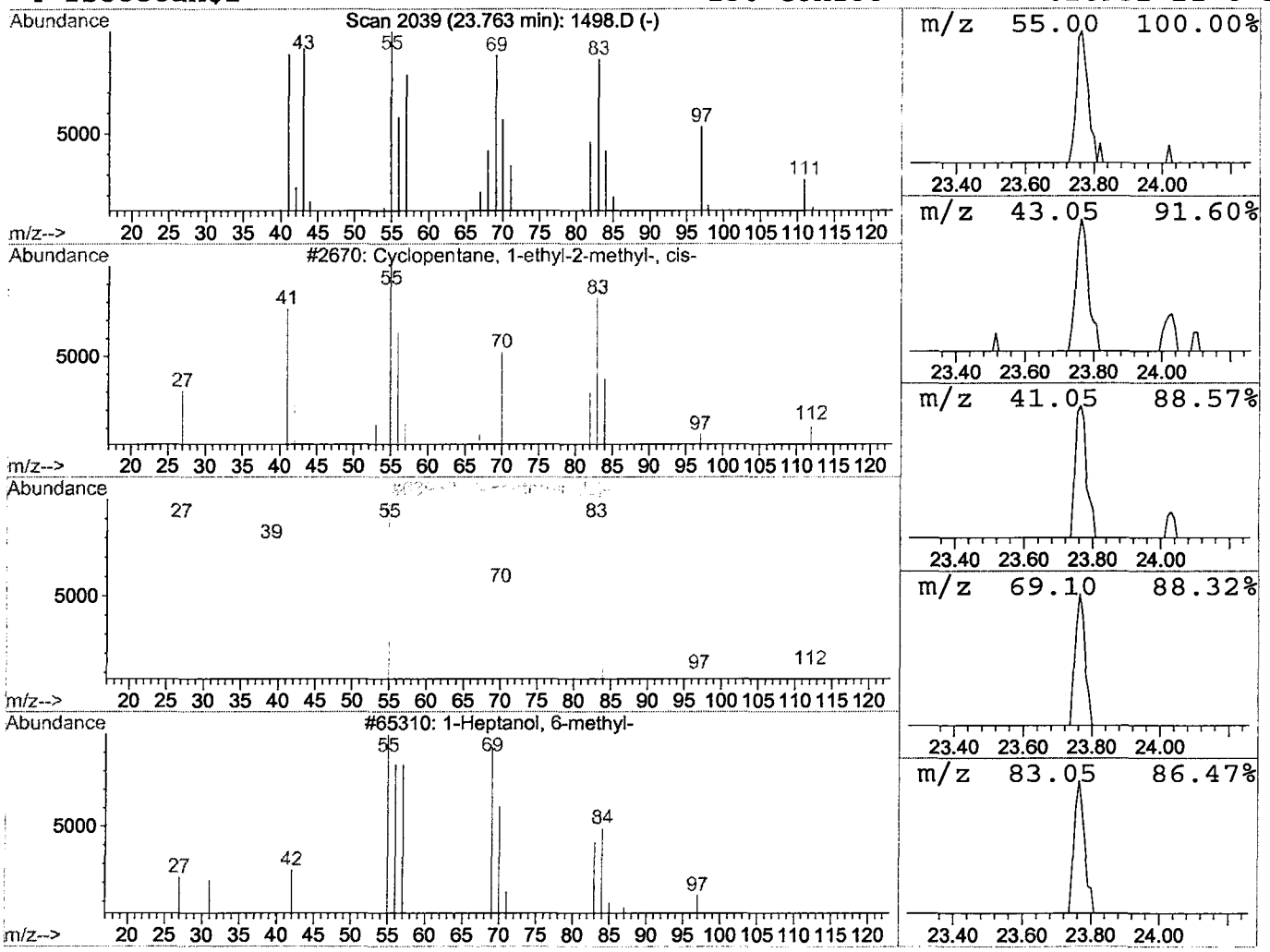
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentane, 1-ethyl-2-methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	0.32 ug/l	25204	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-, ci	112	C8H16	000930-89-2	43
2	2-Heptenal, (E)-	112	C7H12O	018829-55-5	38
3	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	38
4	Isooctanol	130	C8H18O	026952-21-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 11:46 am
Data File: C:\HPCHEM\1\DATA\FEB2102\1498.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	17717	ISTD01	12.33	1237600	20.0
1-Dodecanol	20.72	0.6	ug/l	53543	ISTD03	21.28	1748450	20.0
Cyclopentane, 1-ethy	23.76	0.3	ug/l	25204	ISTD04	25.74	1598610	20.0

1498.D GCMS0208.M Tue Feb 26 15:08:11 2002

Turbo up Glass?