User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 10:33:27

Sample: AE01441
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 10:32 Ended: 3/6/02 10:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AE01441 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 10:33:30

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\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:19 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	12.34	152	280358	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1073879	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	556800	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	786409	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	504622	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	331807	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	45891	5.04	ug/mL	0.32
Spiked Amount 5.000			Recovery = 100.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.51	74	207	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	289	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	587	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\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:19 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	25.79	178	207	N.D.	
34)	Anthracene	25.79	178	207	N.D.	
35)	Di-n-butylphthalate	27.69	149	6108	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.23	149	195	N.D.	
41)	Benzo(a)anthracene	33.80	228	1188	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	2397	N.D.	
43)	Chrysene	33.80	228	1188	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	38.09	252	1299	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

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 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	8.204	340	344	352	rBV	14521	33708	1.53%	0.304%
2	8.360	356	361	367	rVB	11378	23507	1.06%	0.212%
3	12.335	788	794	808	rVB	656445	1596791	72.33%	14.400%
4	12.565	814	819	824	rBV	13921	31924	1.45%	0.288%
5	15.970	1184	1190	1207	rBV	1014068	2105145	95.36%	18.984%
6	21.286	1763	1769	1782	rBV	1072553	2207515	100.00%	19.907%
7	25.738	2247	2254	2265	rBV2	984610	2093318	94.83%	18.878%
8	30.815	2802	2807	2813	rVB	118178	239753	10.86%	2.162%
9	33.799	3126	3132	3146	rBV2	657918	1539986	69.76%	13.888%
10	36.277	3397	3402	3413	rBV2	16075	53064	2.40%	0.479%
11	38.077	3590	3598	3612	rBV2	369362	1164205	52.74%	10.499%

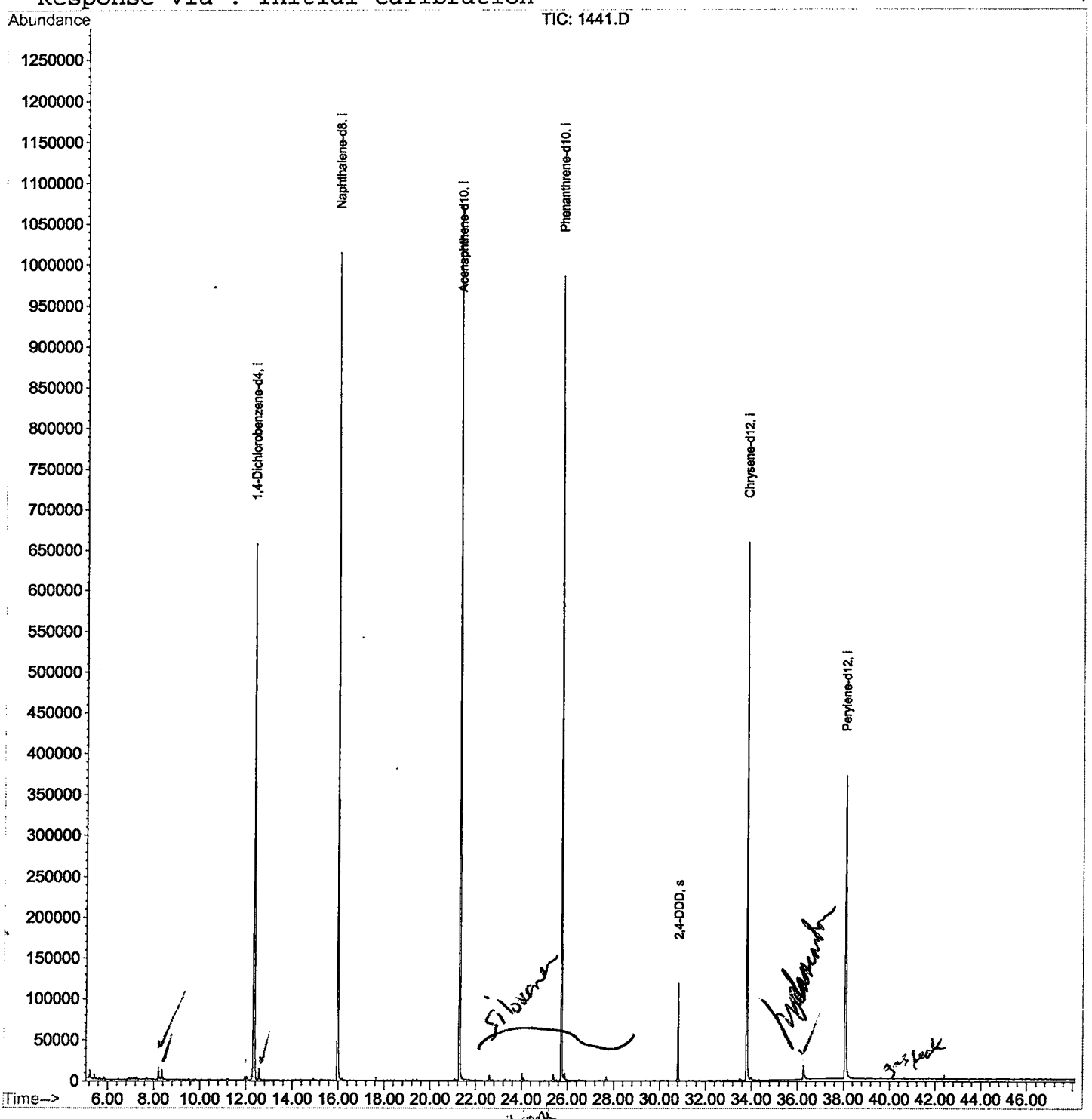
Sum of corrected areas: 11088916

1441.D GCMS0208.M Fri Feb 22 09:35:27 2002

Quantitation Report

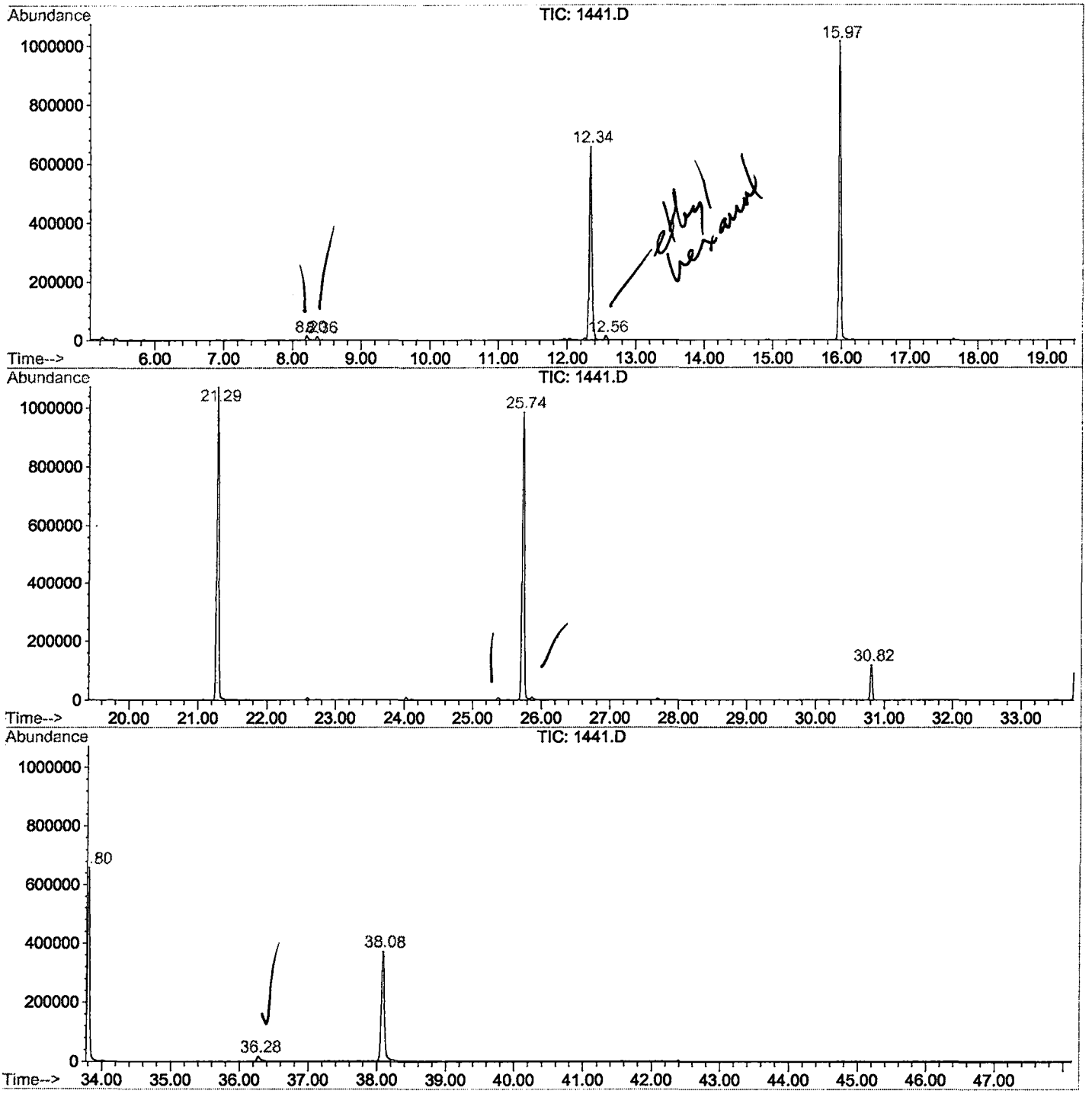
Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:19 2002 Quant Results File: GCMS0208.RES

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



LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1441.D
Operator :
Acquired : 22 Feb 2002 1:55 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 13
Quant File :GCMS0208.RES (RTE Integrator)



1441.D GCMS0208.M Fri Feb 22 09:35:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

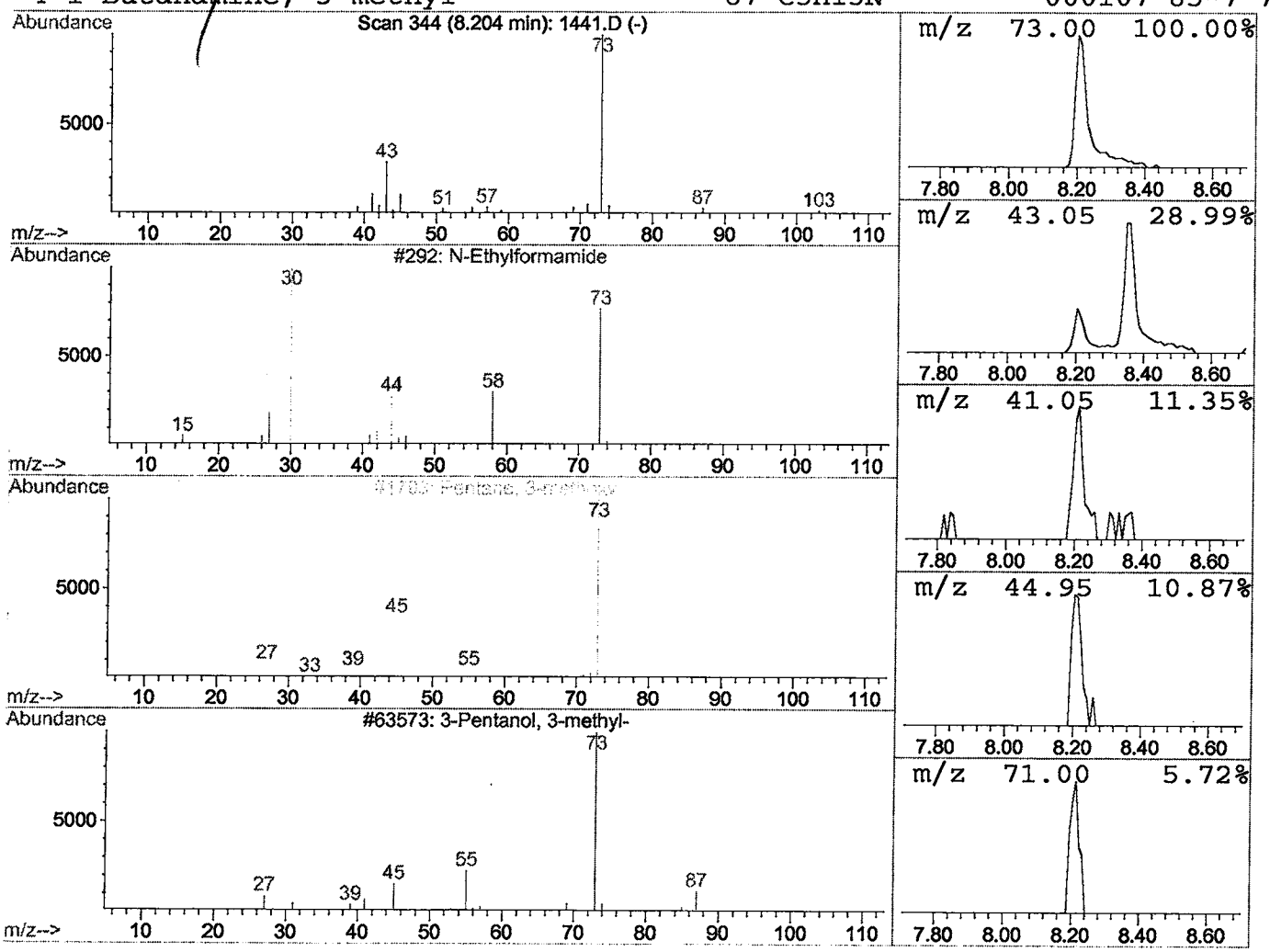
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.42 ug/l	33708	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

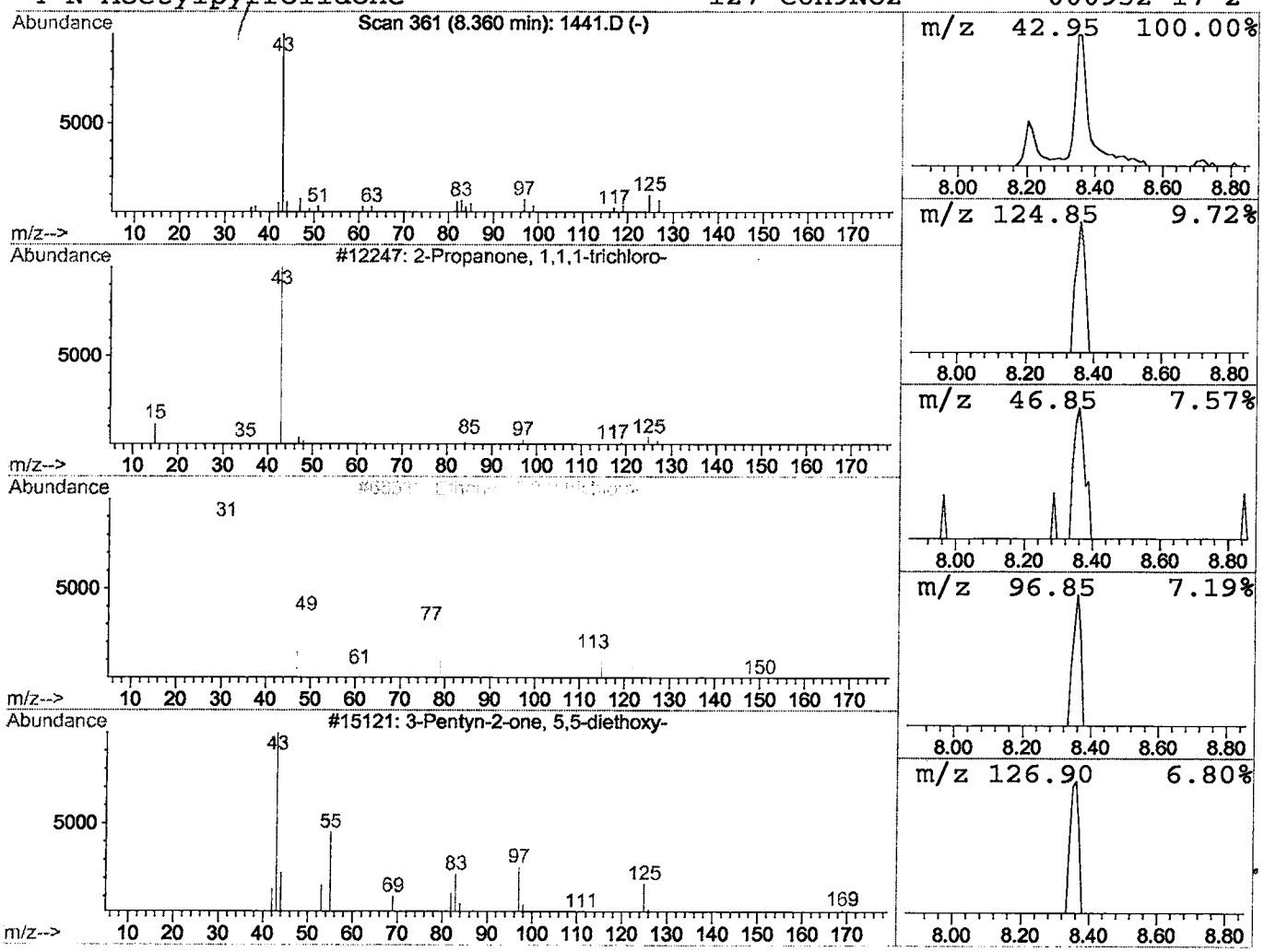
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	0.29 ug/l	23507	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

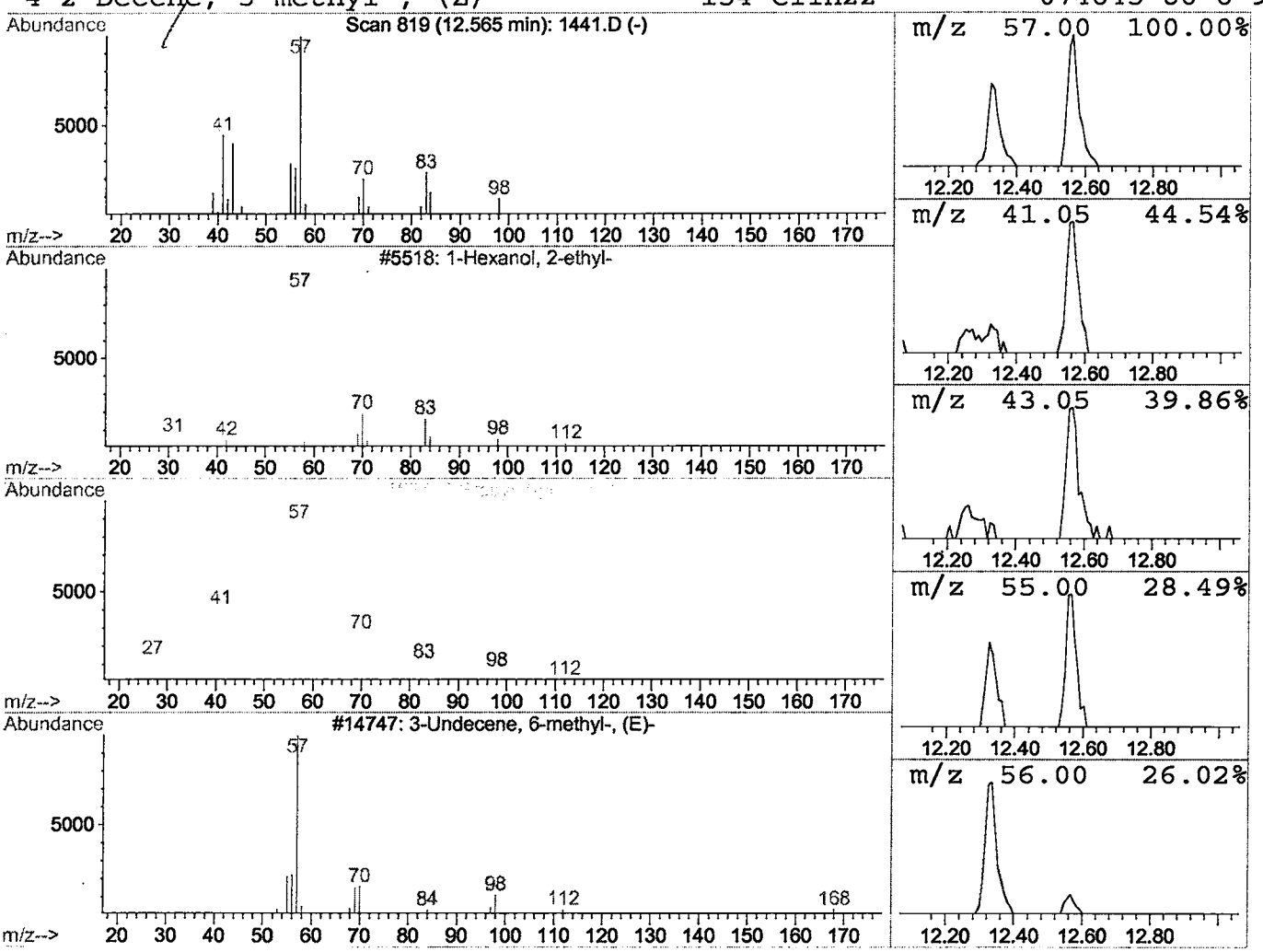
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	0.40 ug/l	31924	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	25
3	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	9
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1441.D Vial: 13
Acq On : 22 Feb 2002 1:55 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

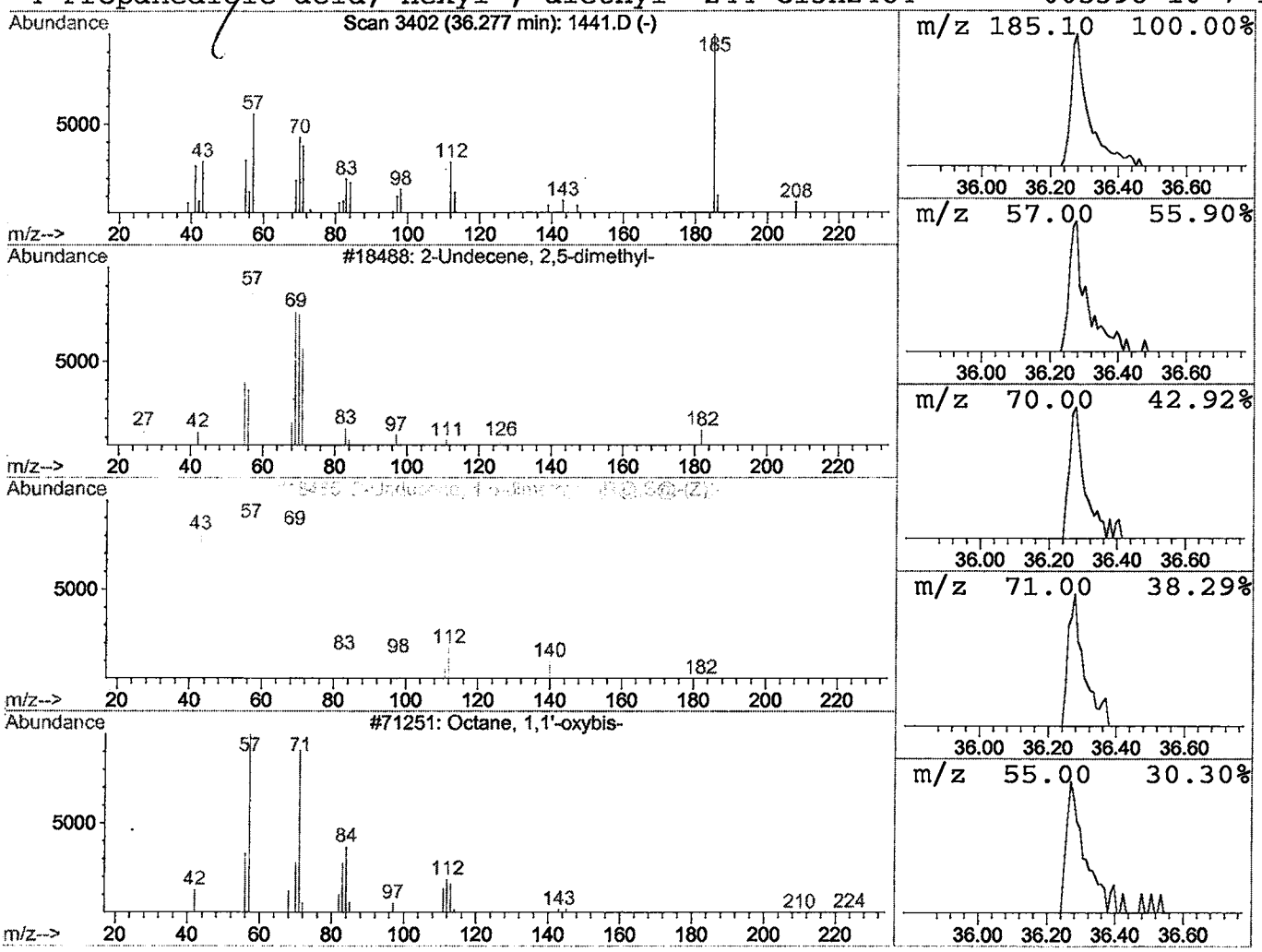
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Undecene, 2,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.28	0.91 ug/l	53064	Perylene-d12	38.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	16
2	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	16
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	14
4	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 1:55 am
Data File: C:\HPCHEM\1\DATA\FEB2102\1441.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
N-Ethylformamide	8.20	0.4	ug/l	33708	ISTD01	12.34	1596790	20.0
2-Propanone, 1,1,1-t	8.36	0.3	ug/l	23507	ISTD01	12.34	1596790	20.0
1-Hexanol, 2-ethyl-	12.56	0.4	ug/l	31924	ISTD01	12.34	1596790	20.0
2-Undecene, 2,5-dime	36.28	0.9	ug/l	53064	ISTD06	38.08	1164210	20.0

1441.D GCMS0208.M Fri Feb 22 09:35:57 2002