User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 15:04:57

Sample: AE01650
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 15:04 Ended: 3/4/02 15:04 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE01650 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 15:05:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 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 9:06 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	248499	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	957095	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	511899	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	700269	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	436136	20.00	ug/l	-0.07
44) Perylene-d12	38.05	264	299480	20.00	ug/l	-0.08
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	34751	4.75	ug/mL	0.30
Spiked Amount 5.000			Recovery = 95.00%			
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	16.02	128	417	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	22.74	149	460	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\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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

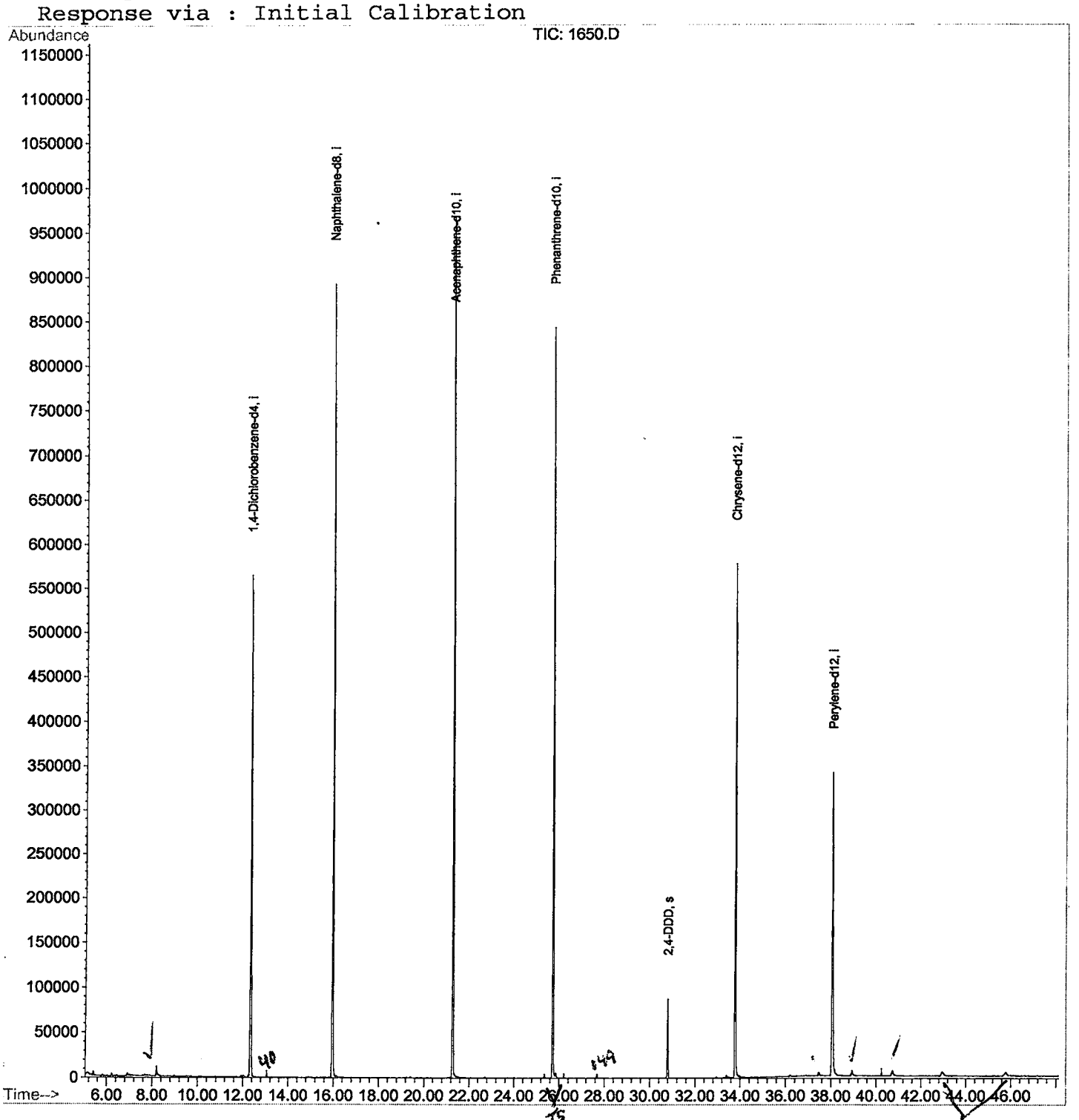
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	7735	N.D.	
36)	Fluoranthene	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	1257	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.98	149	1493	N.D.	
43)	Chrysene	33.84	228	631	N.D.	
45)	Di-n-Octylphthalate	35.73	149	649	N.D.	
46)	Benzo(b)fluoranthene	36.85	252	496	N.D.	
47)	Benzo(k)fluoranthene	36.91	252	782	N.D.	
48)	Benzo(a)pyrene	37.85	252	202	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 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 9:06 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 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

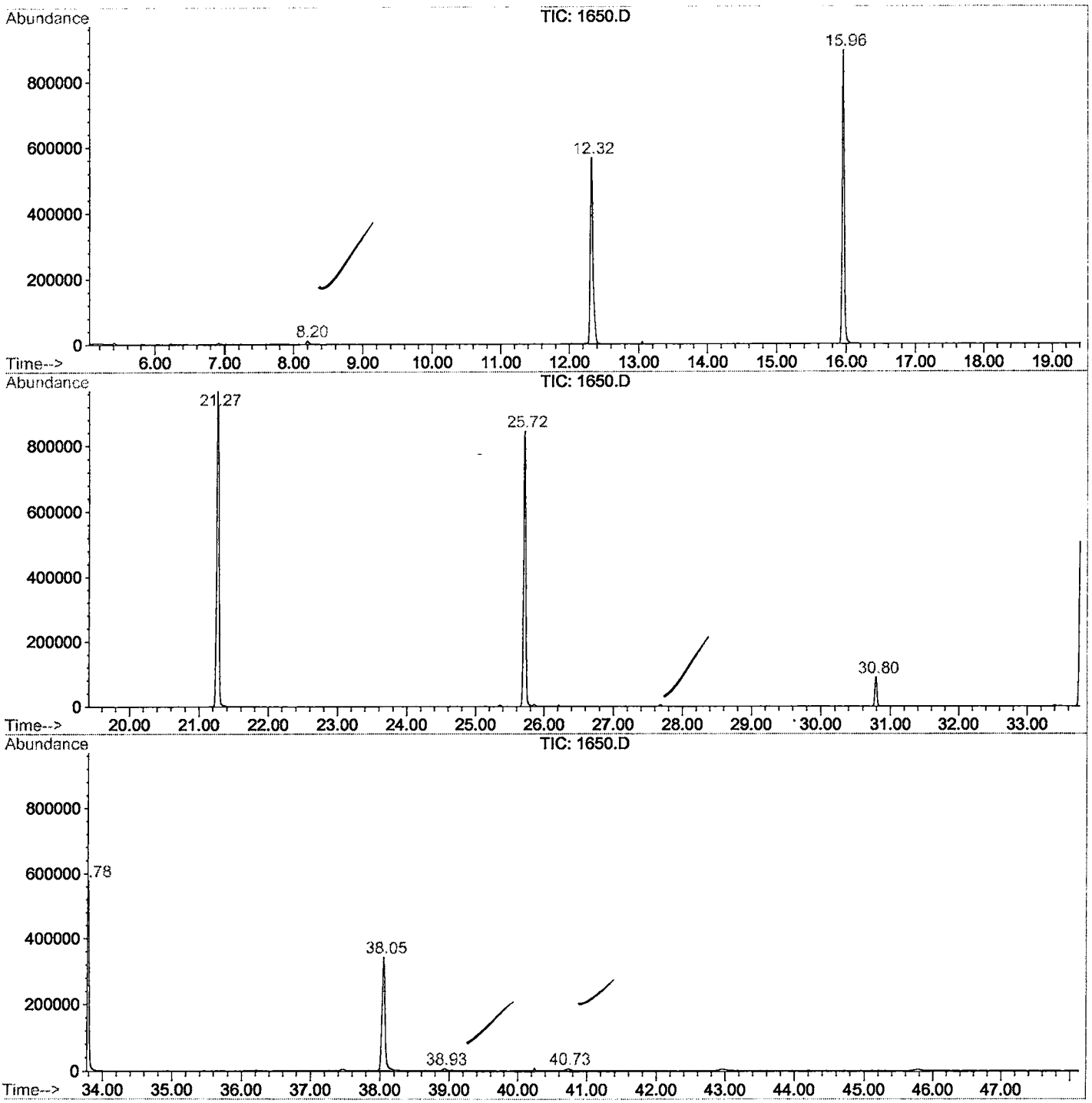
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.203	340	344	355	rBV	10733	25656	1.27%	0.263%
2	12.315	787	792	804	rVB	563902	1406168	69.42%	14.435%
3	15.960	1183	1189	1202	rBV	892221	1866525	92.14%	19.161%
4	21.266	1761	1767	1786	rBV	968054	2025717	100.00%	20.795%
5	25.719	2245	2252	2263	rBV2	843209	1845664	91.11%	18.947%
6	30.795	2799	2805	2811	rVB	87954	177751	8.77%	1.825%
7	33.779	3123	3130	3148	rBV2	577584	1311443	64.74%	13.463%
8	38.048	3587	3595	3612	rBV2	340267	1037172	51.20%	10.647%
9	38.929	3684	3691	3699	rBV4	5732	20397	1.01%	0.209%
10	40.728	3879	3887	3895	rBV4	5711	24696	1.22%	0.254%

Sum of corrected areas: 9741189

1650.D GCMS0208.M Thu Feb 28 09:29:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1650.D
Operator :
Acquired : 25 Feb 2002 4:26 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 6
Quant File :GCMS0208.RES (RTE Integrator)



1650.D GCMS0208.M Thu Feb 28 09:29:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

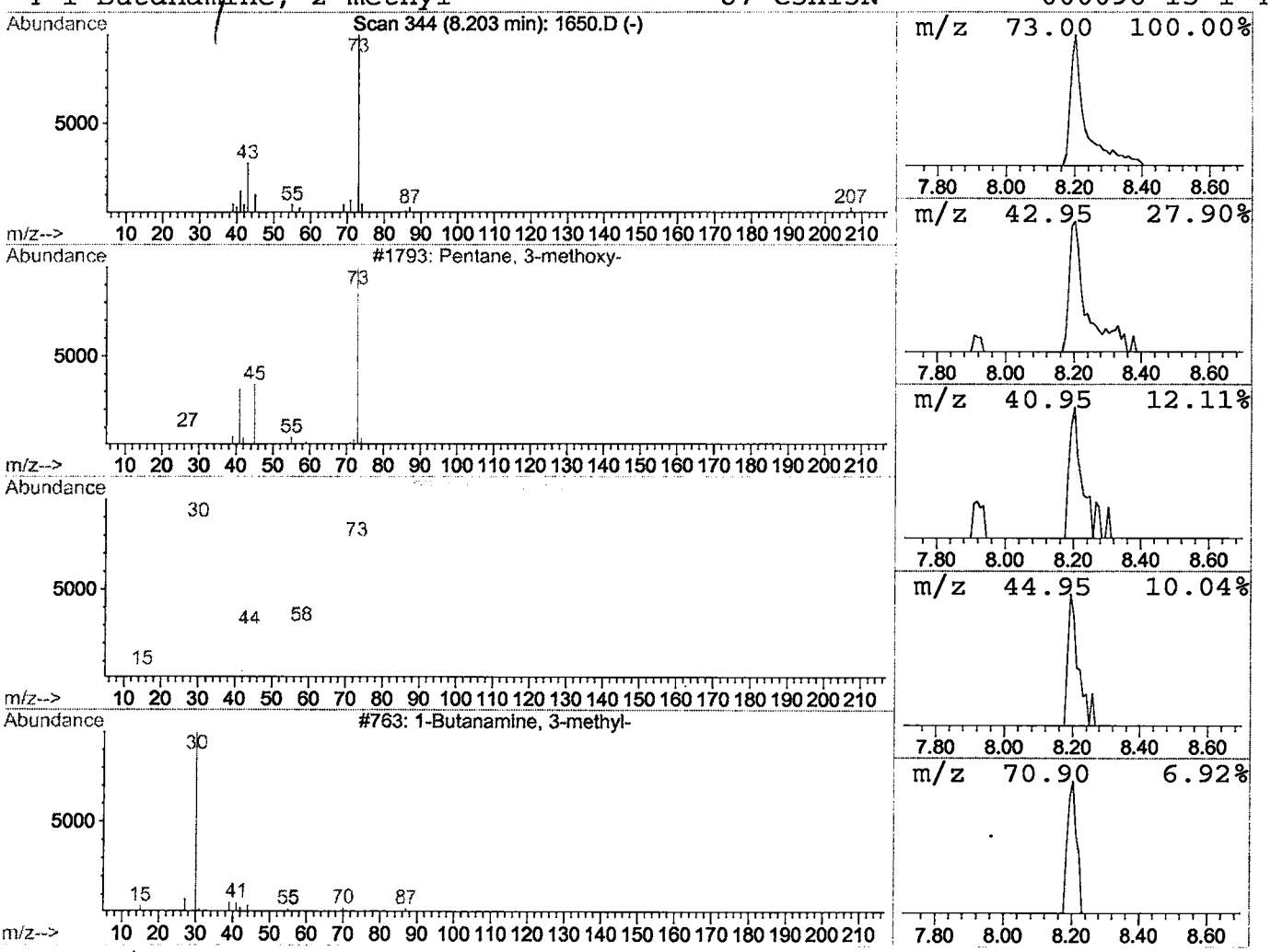
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.36 ug/l	25656	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 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

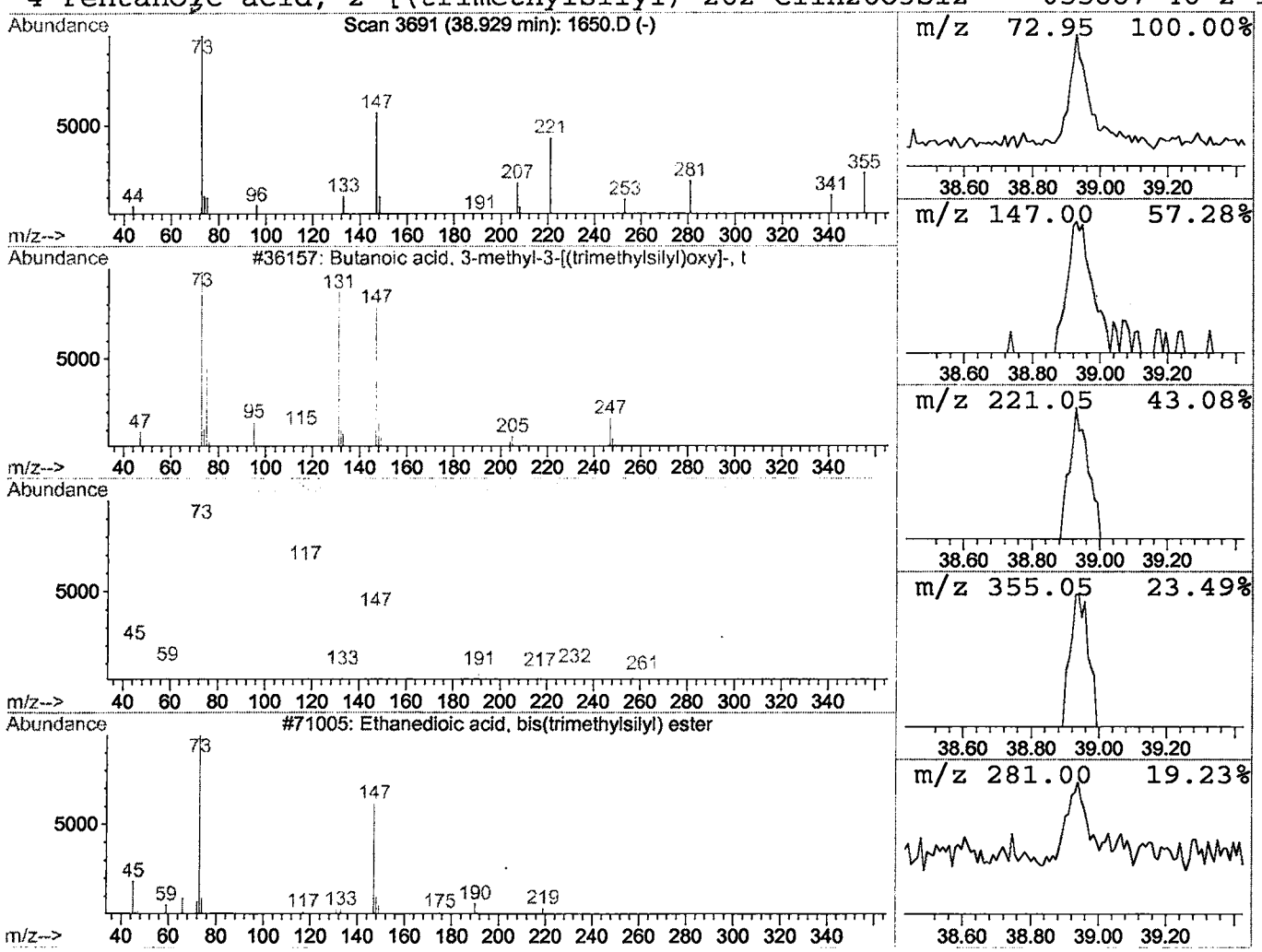
****

Peak Number 2 Butanoic acid, 3-methyl-3-[(tr Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.93	0.39 ug/l	20397	Perylene-d12	38.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	12
2	2-Ethyl-3-trimethylsilyloxy(trimeth	276	C12H28O3Si2	000000-00-0	12
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	12
4	Pentanoic acid, 2-[(trimethylsilyl)	262	C11H26O3Si2	055887-46-2	12

Column



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2502\1650.D Vial: 6
Acq On : 25 Feb 2002 4:26 pm Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

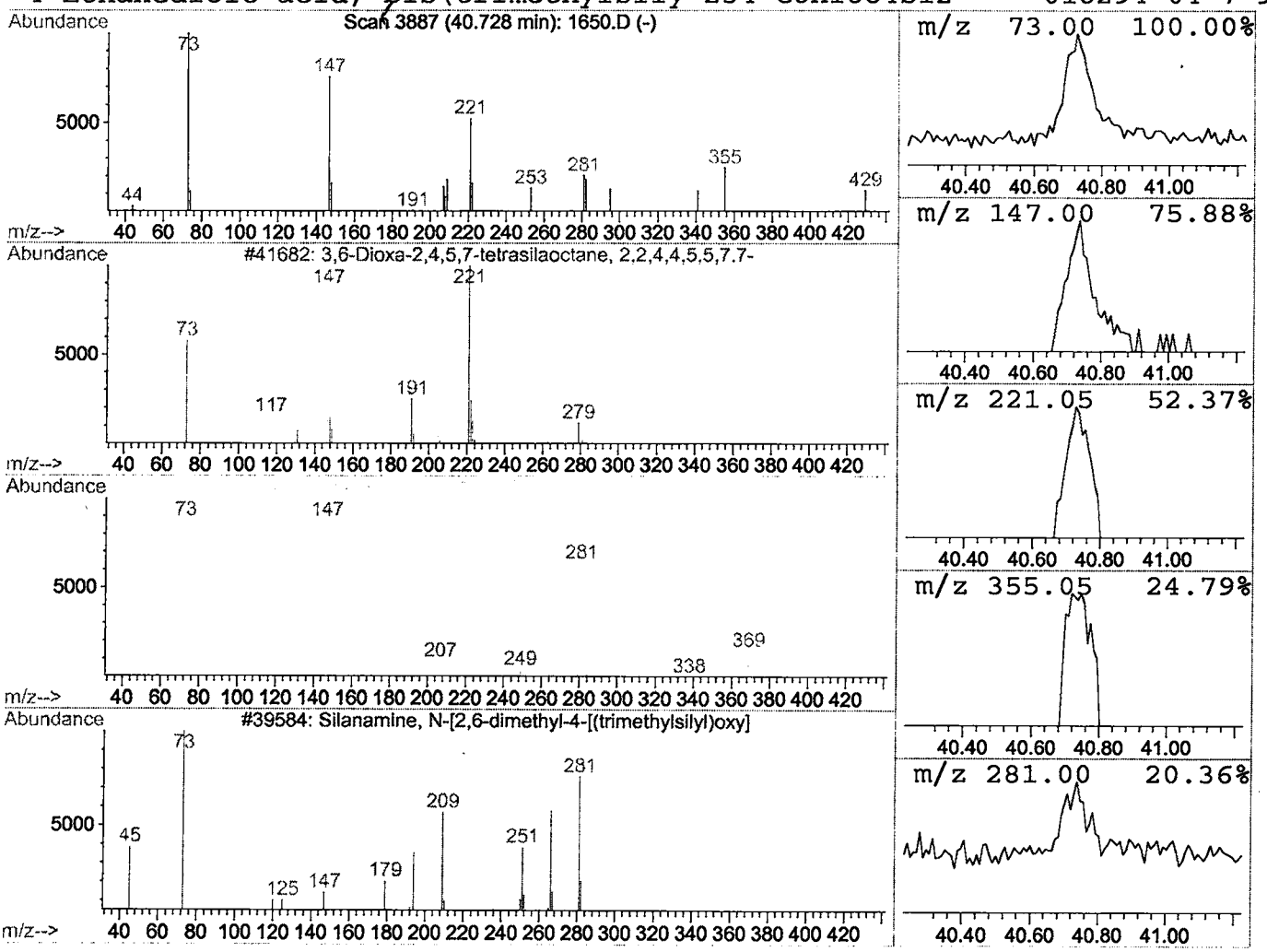
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.73	0.48 ug/l	24696	Perylene-d12	38.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	33
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	9
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 4:26 pm
Data File: C:\HPCHEM\1\DATA\FEB2502\1650.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
Pentane, 3-methoxy-	8.20	0.4	ug/l	25656	ISTD01	12.32	1406170	20.0
Butanoic acid, 3-met	38.93	0.4	ug/l	20397	ISTD06	38.05	1037170	20.0
3,6-Dioxa-2,4,5,7-te	40.73	0.5	ug/l	24696	ISTD06	38.05	1037170	20.0

1650.D GCMS0208.M Thu Feb 28 09:30:11 2002