User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:41:00

Sample: AE05231
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 12:40 Ended: 4/9/02 12:40 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AE05231 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 12:41:45

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\MAR3002\5231.D Vial: 42
Acq On : 31 Mar 2002 9:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 10:27 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	438734	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1614329	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	912428	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1243874	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	605228	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	335849	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	83598	6.70	ug/mL	0.21
Spiked Amount 5.000			Recovery = 134.00%			
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	15.94	128	507	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	20.70	165	402	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	22.06	165	994	N.D.		
25) Diethylphthalate	22.67	149	1573	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\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	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	25.64	178	237	N.D.	
34)	Anthracene	25.64	178	237	N.D.	
35)	Di-n-butylphthalate	27.60	149	4393	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.52	149	539	N.D.	
41)	Benzo(a)anthracene	33.69	228	2188	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	17103	0.71 ug/l	98
43)	Chrysene	33.76	228	1049	N.D.	
45)	Di-n-Octylphthalate	35.66	149	2038	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	730	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	1682	N.D.	
48)	Benzo(a)pyrene	37.74	252	279	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

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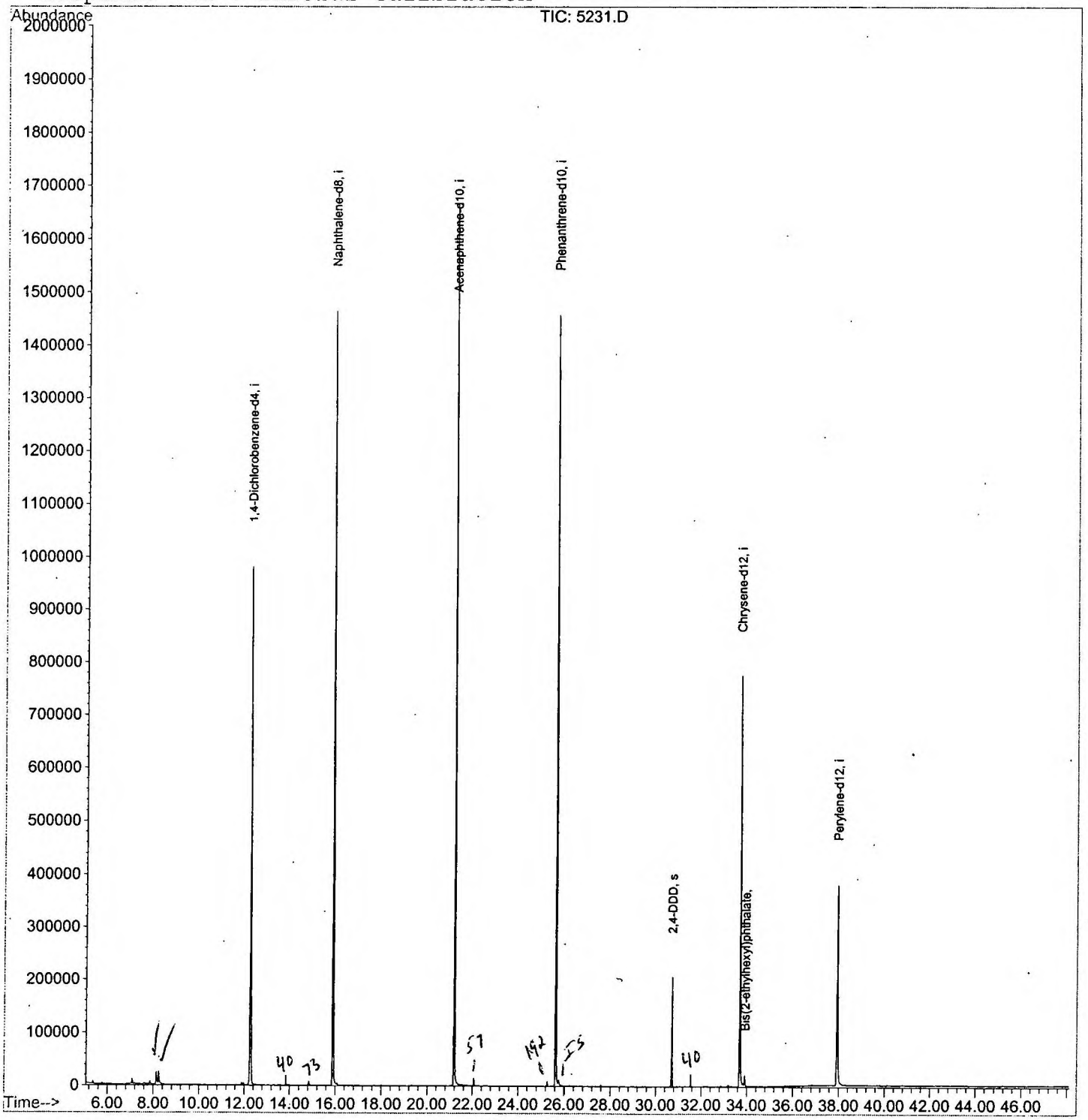
Acq On : 31 Mar 2002 9:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 10:27 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5231.D Vial: 42
Acq On : 31 Mar 2002 9:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

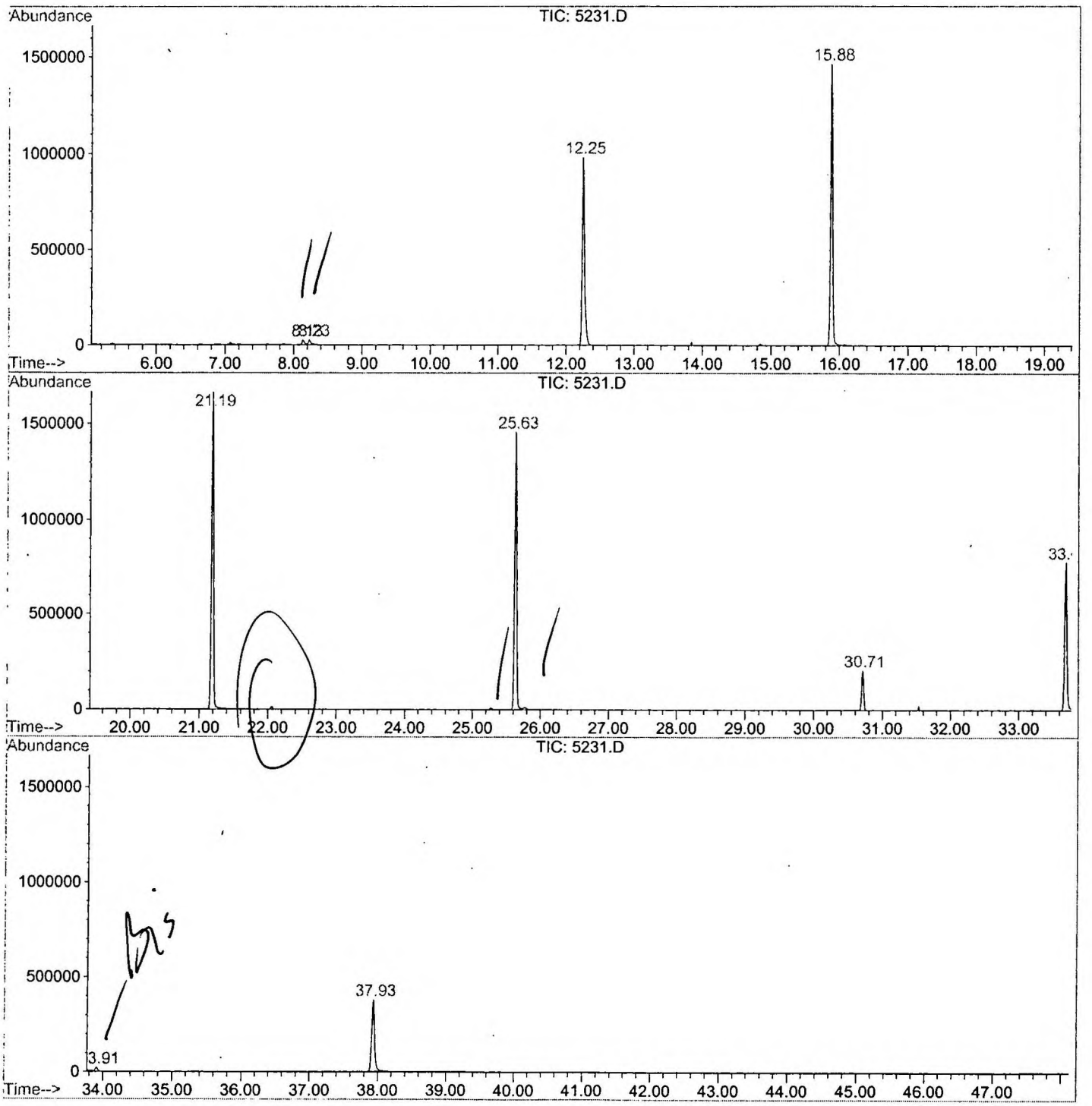
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	332	336	343	rBV	23107	55996	1.63%	0.364%
2	8.234	343	347	363	rVB	24078	61029	1.77%	0.397%
3	12.246	779	784	801	rVB	980037	2347774	68.17%	15.281%
4	15.882	1174	1180	1194	rBV	1464124	3043295	88.37%	19.808%
5	21.188	1752	1758	1770	rBV	1666892	3443763	100.00%	22.414%
6	25.631	2236	2242	2253	rBV2	1457185	3098515	89.97%	20.167%
7	30.708	2790	2795	2801	rBV	206464	406382	11.80%	2.645%
8	33.691	3113	3120	3132	rBV	775870	1742669	50.60%	11.342%
9	33.912	3139	3144	3150	rVB2	20710	49695	1.44%	0.323%
10	37.933	3575	3582	3596	rBV2	378357	1115151	32.38%	7.258%

Sum of corrected areas: 15364269

5231.D GCMS0308.M Wed Apr 03 13:55:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5231.D
Operator :
Acquired : 31 Mar 2002 9:38 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/9
Misc Info :
Vial Number: 42
Quant File :GCMS0308.RES (RTE Integrator)



5231.D GCMS0308.M Wed Apr 03 13:55:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5231.D Vial: 42
Acq On : 31 Mar 2002 9:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

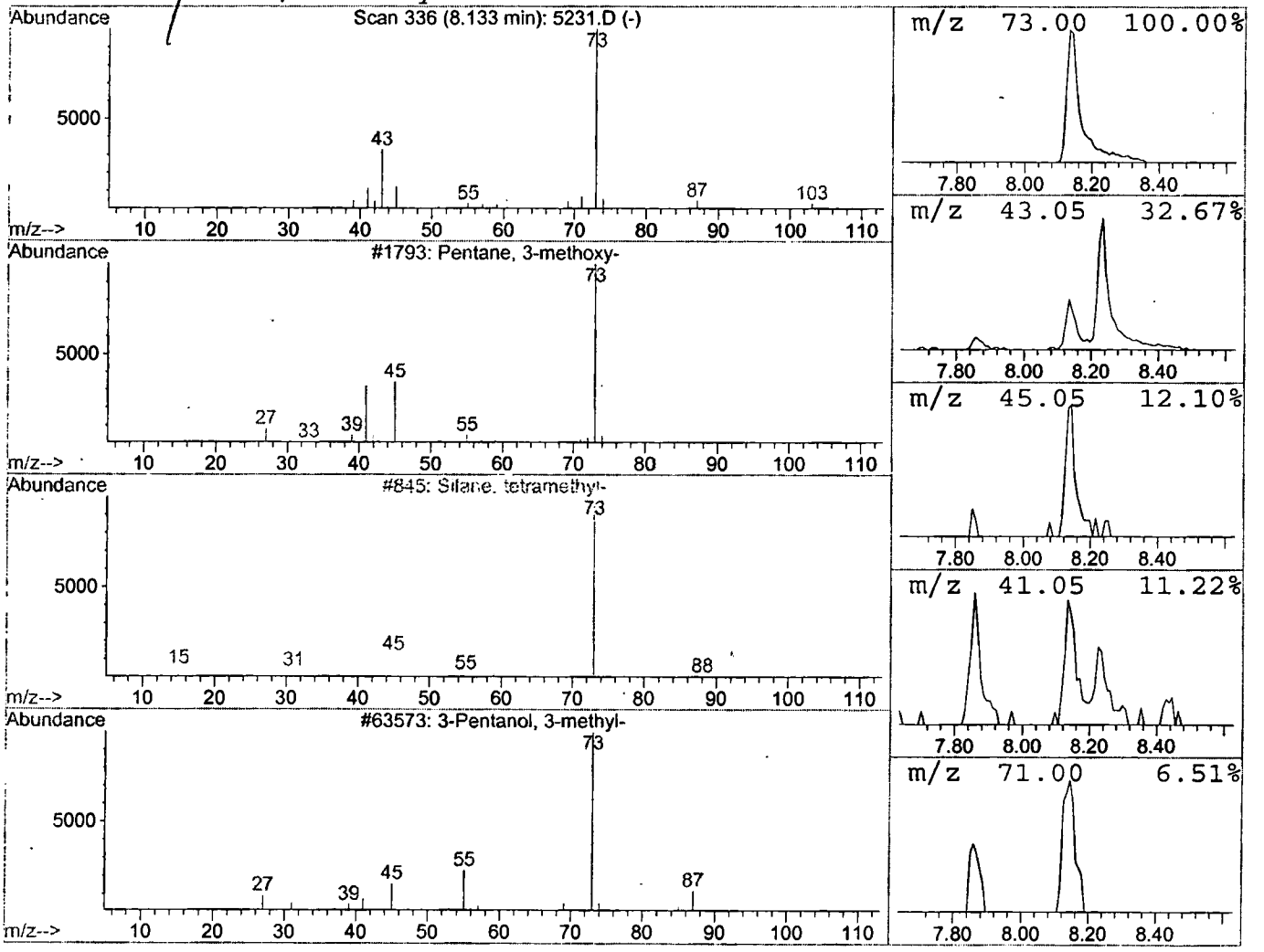
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	0.48 ug/l	55996	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	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\MAR3002\5231.D Vial: 42
Acq On : 31 Mar 2002 9:38 am Operator:
Sample : gc/ms scan 3/9 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

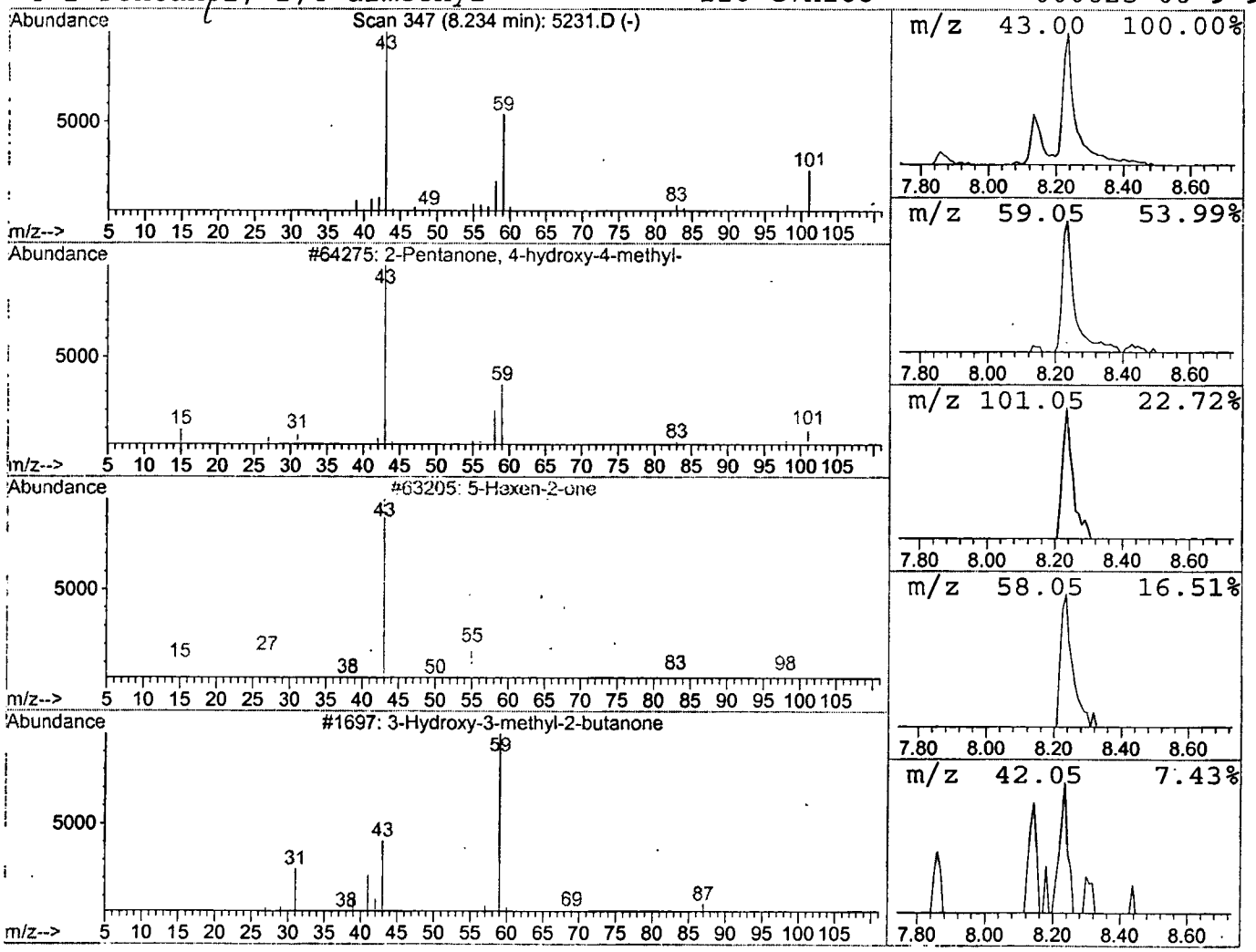
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.52 ug/l	61029	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 9:38 am
Data File: C:\HPCHEM\1\DATA\MAR3002\5231.D
Name: gc/ms scan 3/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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-	8.13	0.5	ug/l	55996	ISTD01	12.25	2347770	20.0
2-Pentanone, 4-hydro	8.23	0.5	ug/l	61029	ISTD01	12.25	2347770	20.0

5231.D GCMS0308.M Wed Apr 03 13:55:43 2002