User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 09:19:03

Sample: AE07313
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/10/02 09:18 Ended: 4/10/02 09:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AE07313 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-10-2002 Time: 09:19:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\7313.D Vial: 9
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:50 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	439436	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1598764	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	911409	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1280876	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	617351	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	327221	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	25813	4.20	ug/mL	0.00
Spiked Amount 4.000			Recovery = 105.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.48	74	269	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	528	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.	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	22.67	149	1950	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:50 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Fluorene	0.00	166	0	N.D.	
29)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.64	178	365	N.D.	
35)	Anthracene	25.64	178	365	N.D.	
36)	Di-n-butylphthalate	27.59	149	9974	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	1423	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.90	149	81986	4.49 ug/l	99
44)	Chrysene	33.69	228	1423	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.83	252	560	N.D.	
48)	Benzo(k)fluoranthene	36.83	252	333	N.D.	
49)	Benzo(a)pyrene	37.94	252	1238	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

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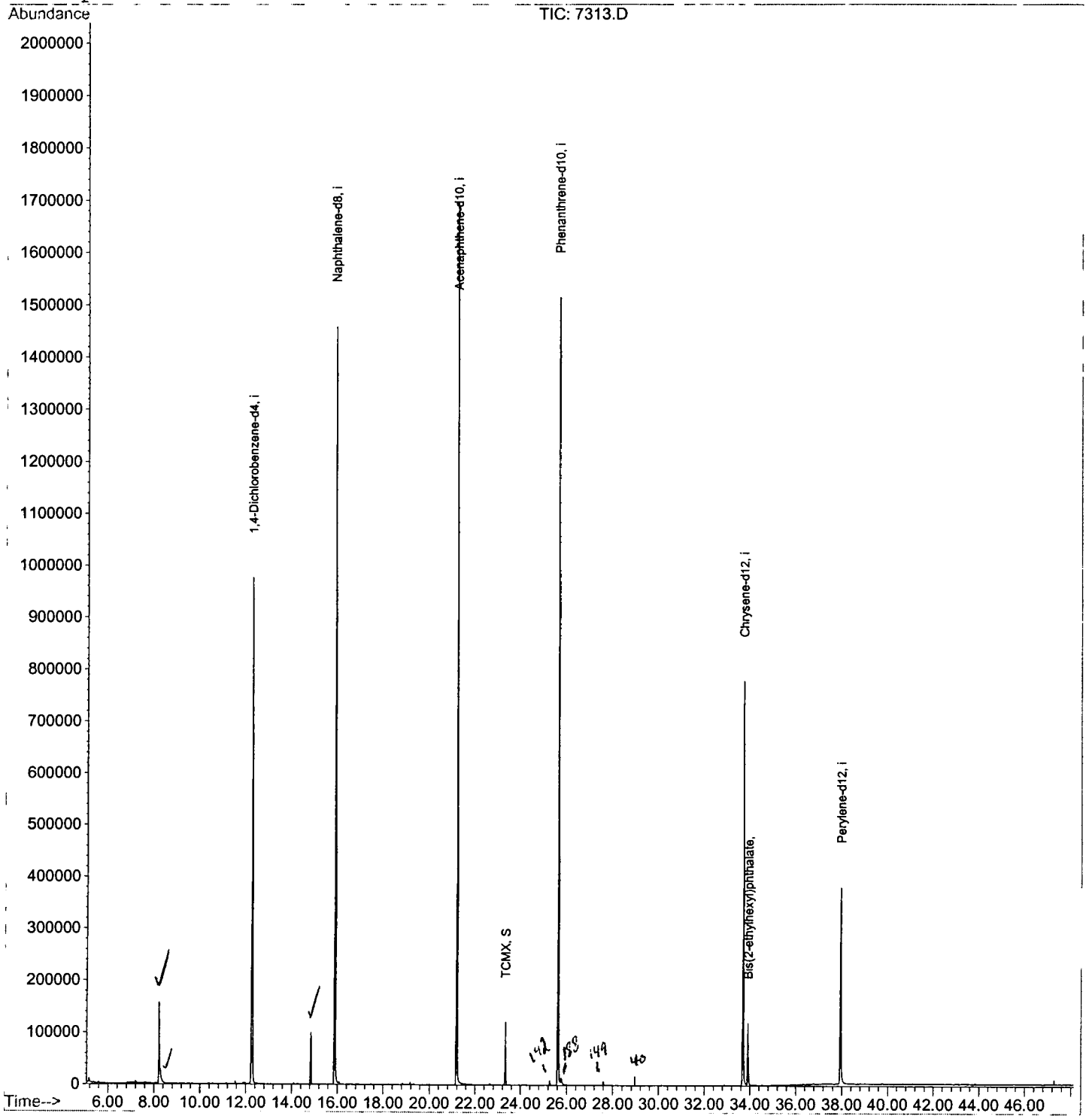
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:50 2002 Quant Results File: GCMS0403.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0302\7313.D Vial: 9
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

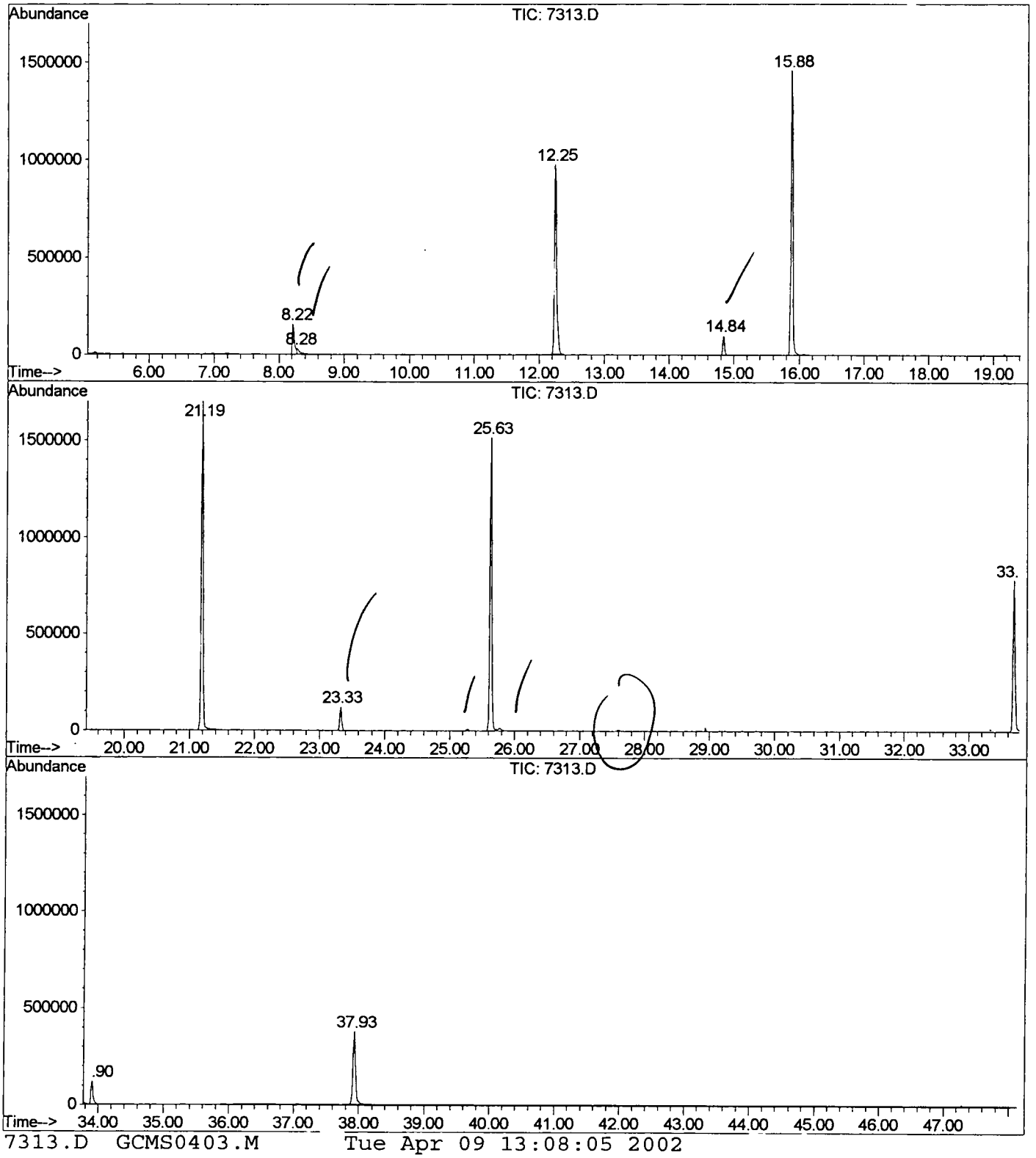
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.215	342	345	351	rBV	155479	341494	9.81%	2.128%
2	8.280	351	352	368	rVB	27300	72895	2.09%	0.454%
3	12.245	779	784	797	rBV	972880	2357837	67.72%	14.691%
4	14.843	1062	1067	1074	rVB	99266	190513	5.47%	1.187%
5	15.881	1174	1180	1196	rBV	1457896	3022106	86.80%	18.830%
6	21.187	1752	1758	1774	rBV	1698270	3481836	100.00%	21.694%
7	23.326	1986	1991	1997	rVB	120798	231653	6.65%	1.443%
8	25.630	2236	2242	2253	rBV2	1513649	3210415	92.20%	20.003%
9	33.691	3113	3120	3132	rBV2	778152	1761104	50.58%	10.973%
10	33.902	3138	3143	3155	rVB	119085	266691	7.66%	1.662%
11	37.932	3573	3582	3597	rBV2	378550	1112889	31.96%	6.934%

Sum of corrected areas: 16049433

7313.D GCMS0403.M Tue Apr 09 13:08:05 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0302\7313.D
Operator :
Acquired : 3 Apr 2002 8:35 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/28
Misc Info :
Vial Number: 9
Quant File :GCMS0403.RES (RTE Integrator)



7313.D GCMS0403.M Tue Apr 09 13:08:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7313.D Vial: 9
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

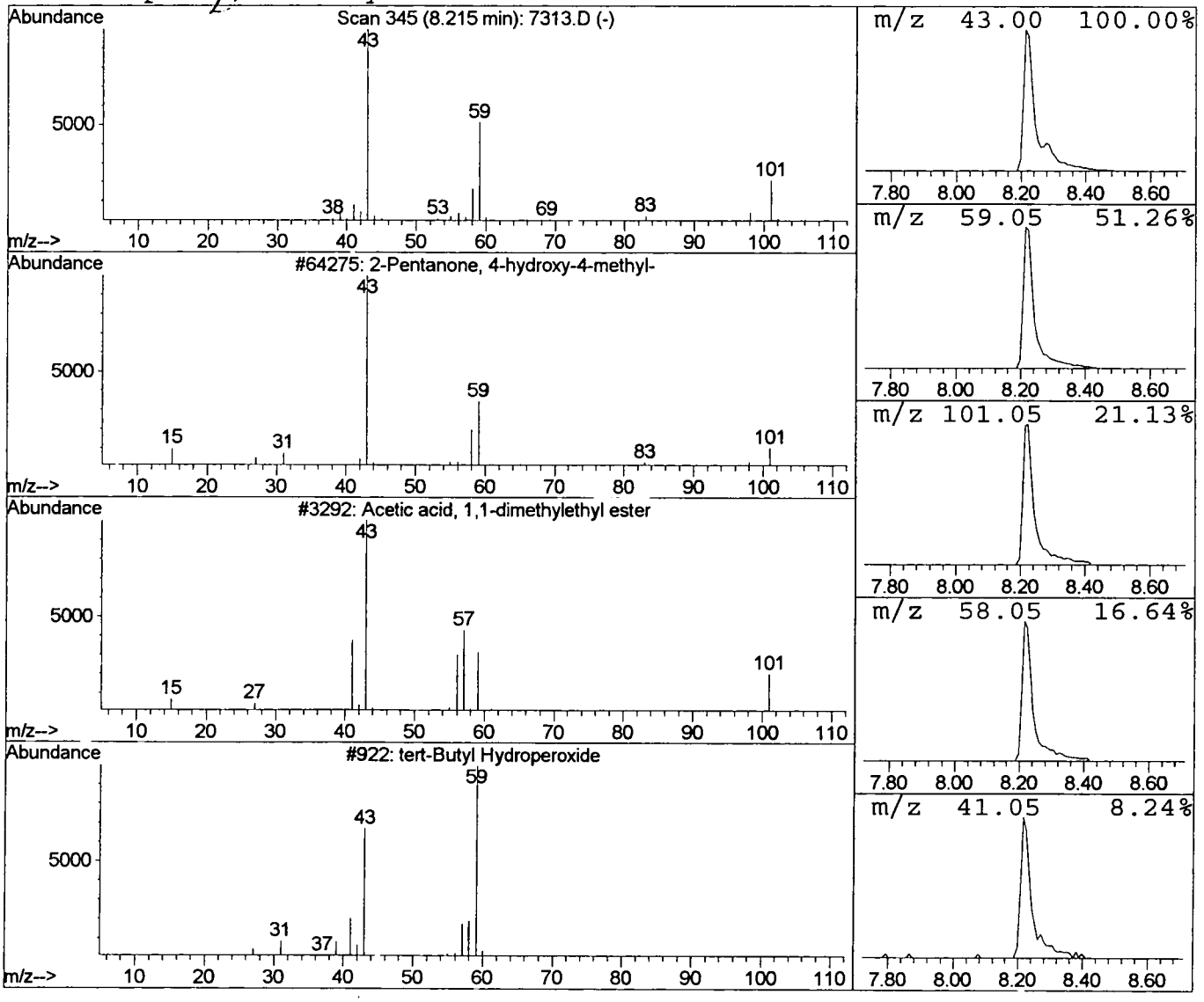
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.90 ug/l	341494	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	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7313.D Vial: 9
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

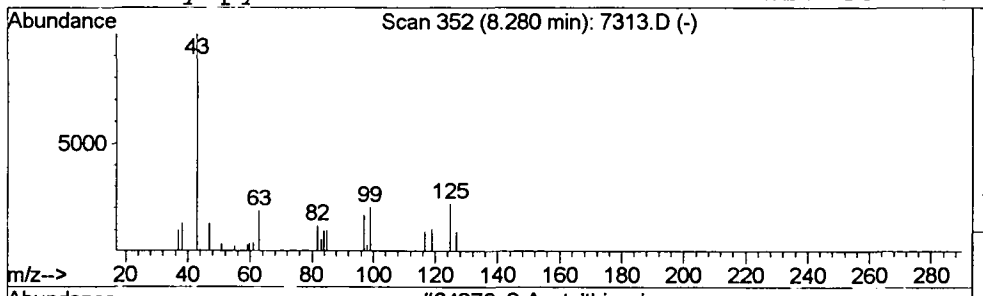
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

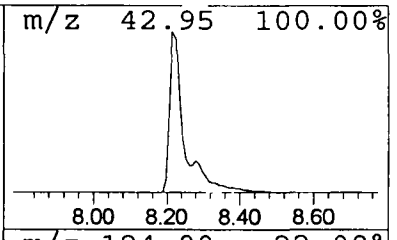
****

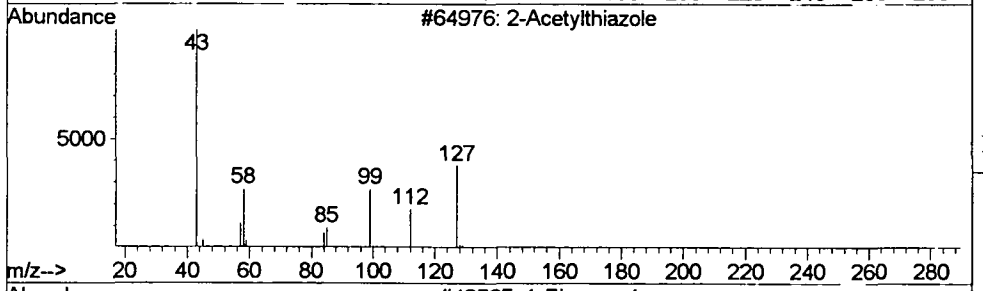
Peak Number 2 2-Acetylthiazole Concentration Rank 3

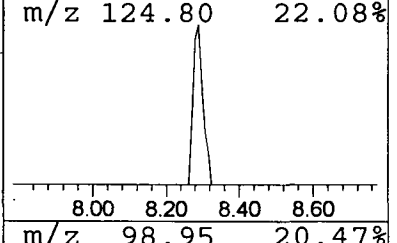
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.62 ug/l	72895	1,4-Dichlorobenzene-d4	12.25

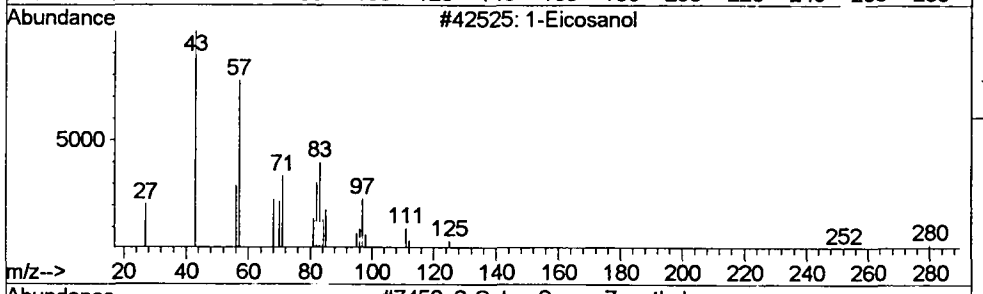
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylthiazole	127	C5H5NOS	024295-03-2	9
2	1-Eicosanol	298	C20H42O	000629-96-9	9
3	3-Octen-2-one, 7-methyl-	140	C9H16O	033046-81-0	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9

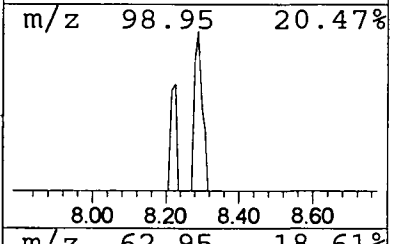


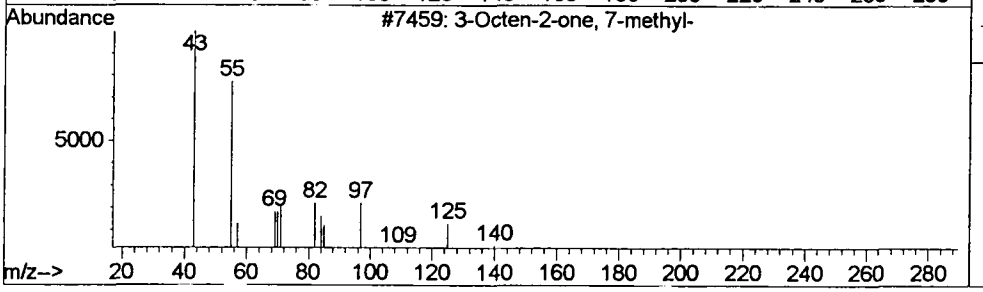


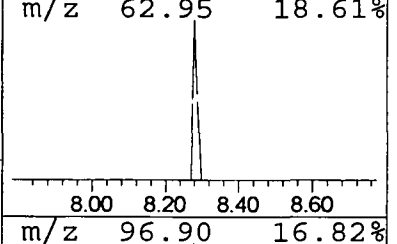


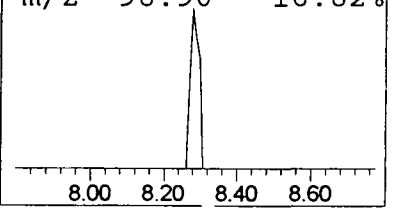












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7313.D Vial: 9
Acq On : 3 Apr 2002 8:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

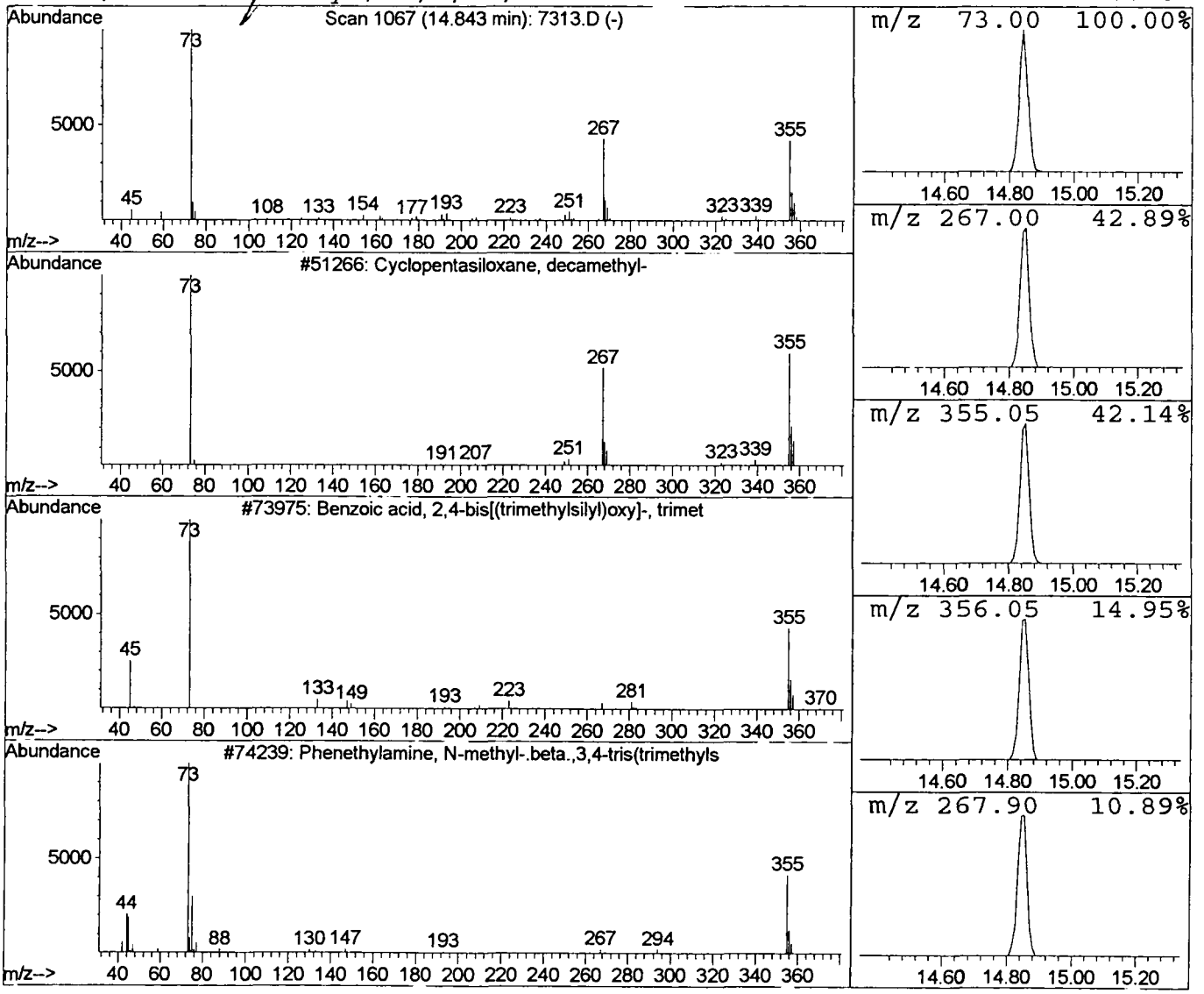
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.26 ug/l	190513	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	47
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Apr 2002 8:35 pm
Data File: C:\HPCHEM\1\DATA\APR0302\7313.D
Name: gc/ms scan 3/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0403.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-Pentanone, 4-hydro	8.22	2.9	ug/l	341494	ISTD01	12.25	2357840	20.0
2-Acetylthiazole	8.28	0.6	ug/l	72895	ISTD01	12.25	2357840	20.0
Cyclopentasiloxane,	14.84	1.3	ug/l	190513	ISTD02	15.88	3022110	20.0

7313.D GCMS0403.M Tue Apr 09 13:08:08 2002