User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:41:22

Sample: AE04734
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:37 Ended: 4/4/02 10:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		116		5.0

Comments for Sample AE04734 - Analysis $GCMS

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User: Vinci, David L
Date: 04-04-2002 Time: 10:41:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4734.D Vial: 7
Acq On : 28 Mar 2002 2:28 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:52 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	12.26	152	396963	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1453896	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	819720	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1155328	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	556007	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	300935	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.72	235	67423	5.82	ug/mL	0.22
Spiked Amount 5.000			Recovery = 116.40%			
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	129	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	22.68	149	372	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)

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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	0.00	178	0	N.D.	
34)	Anthracene	25.64	178	113	N.D.	
35)	Di-n-butylphthalate	27.61	149	1972	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.12	149	193	N.D.	
41)	Benzo(a)anthracene	33.69	228	2064	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	1616	N.D.	
43)	Chrysene	33.77	228	1149	N.D.	
45)	Di-n-Octylphthalate	35.66	149	176	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	653	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	1296	N.D.	
48)	Benzo(a)pyrene	37.75	252	198	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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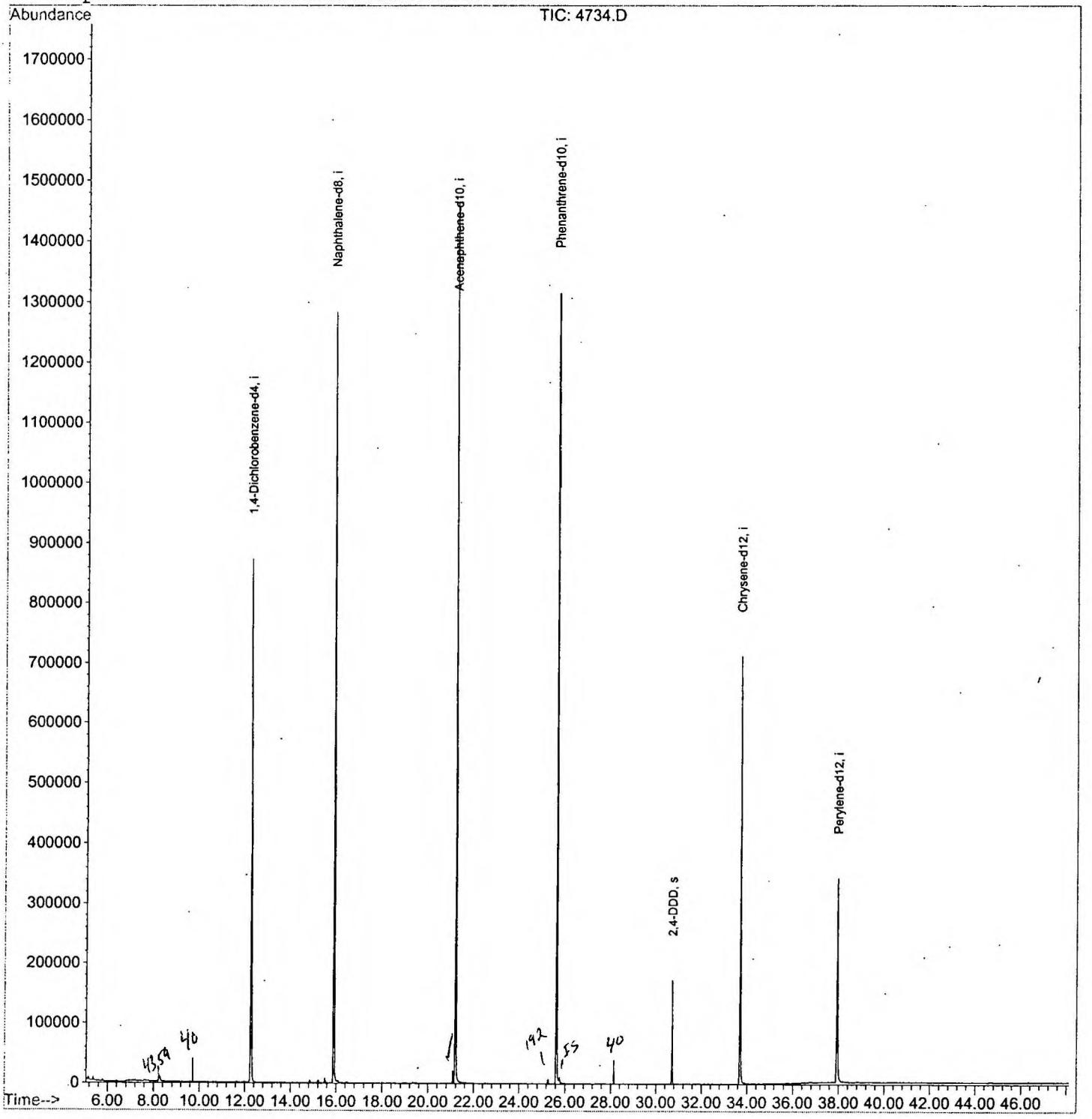
Acq On : 28 Mar 2002 2:28 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:52 2002 Quant Results File: GCMS0308.RES

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\MAR2802\4734.D Vial: 7
Acq On : 28 Mar 2002 2:28 pm Operator:
Sample : gc/ms scan 3/4 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

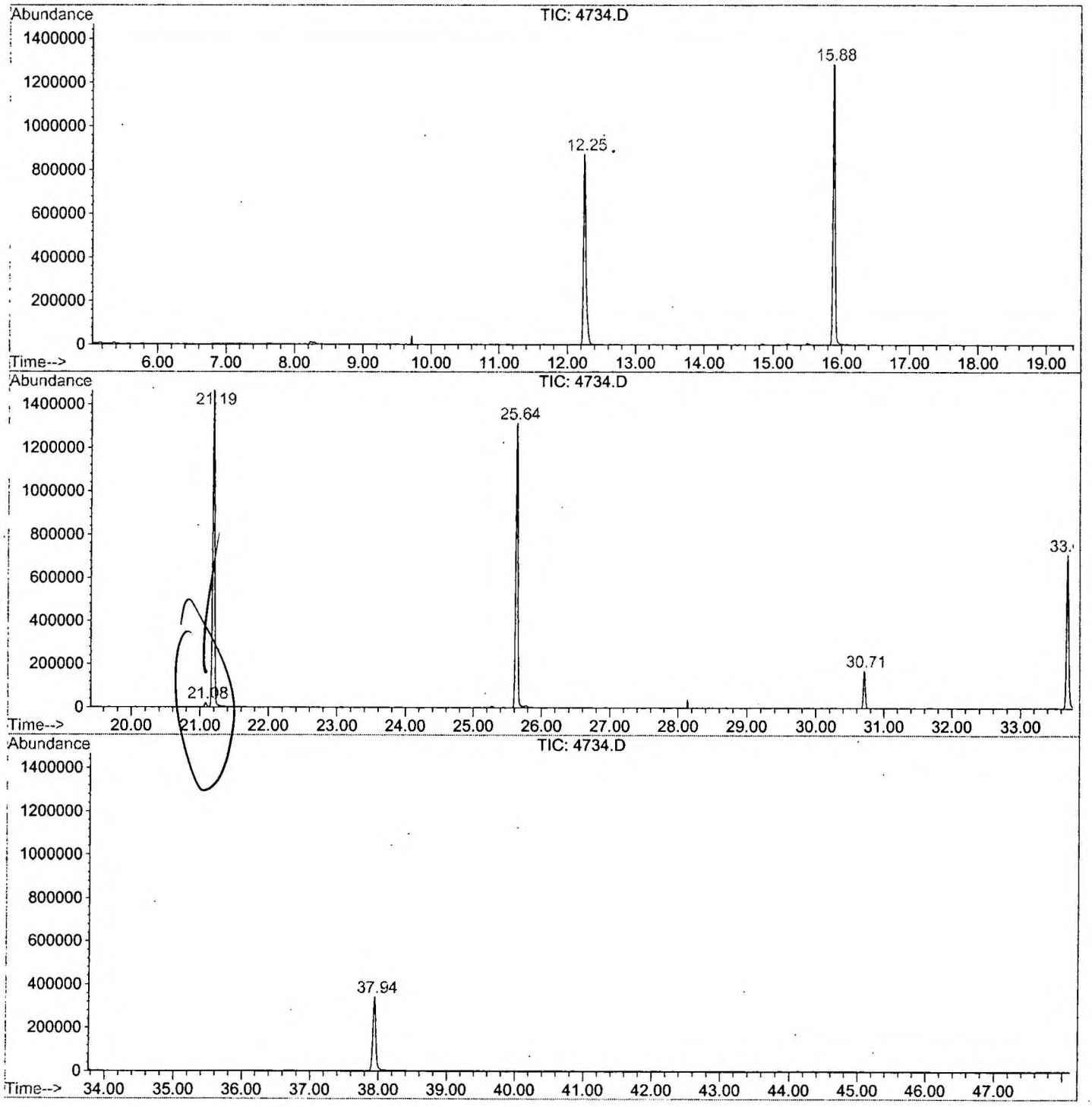
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.247	779	784	801	rVB	871254	2142983	68.39%	15.397%
2	15.882	1174	1180	1198	rBV	1282814	2748894	87.73%	19.750%
3	21.078	1741	1746	1752	rVB	21291	41116	1.31%	0.295%
4	21.188	1752	1758	1774	rBV	1464598	3133360	100.00%	22.512%
5	25.641	2236	2243	2255	rBV2	1314701	2903269	92.66%	20.859%
6	30.708	2790	2795	2801	rBV	172390	332915	10.62%	2.392%
7	33.692	3111	3120	3135	rBV2	711729	1601887	51.12%	11.509%
8	37.942	3575	3583	3597	rBV	340248	1014057	32.36%	7.286%

Sum of corrected areas: 13918481

4734.D GCMS0308.M Mon Apr 01 10:06:10 2002

LSC Report - Integrated Chromatogram`

File : C:\HPCHEM\1\DATA\MAR2802\4734.D
Operator :
Acquired : 28 Mar 2002 2:28 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 7
Quant File :GCMS0308.RES (RTE Integrator)



4734.D GCMS0308.M Mon Apr 01 10:06:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4734.D Vial: 7
Acq On : 28 Mar 2002 2:28 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

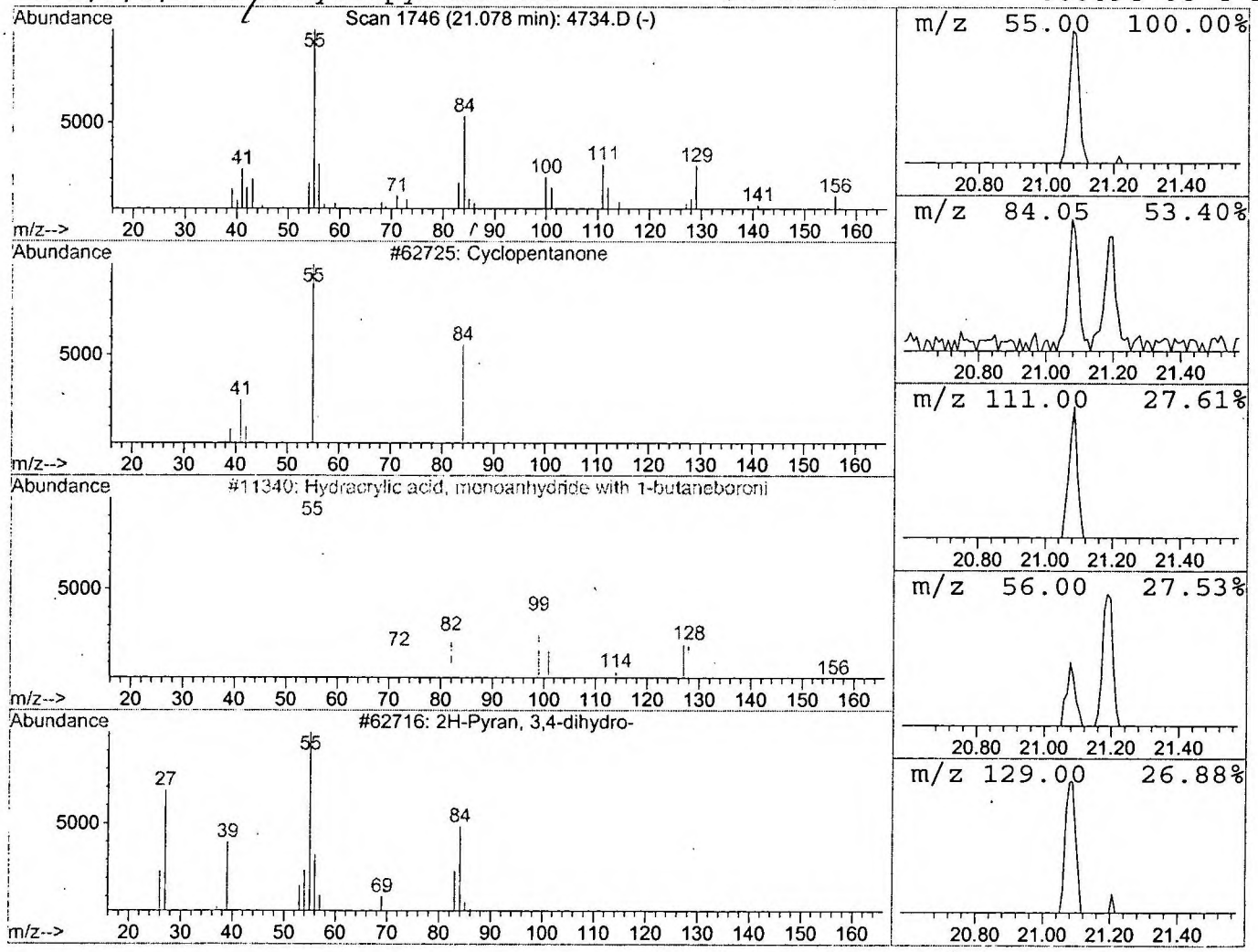
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	0.26 ug/l	41116	Acenaphthene-d10	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone	84	C5H8O	000120-92-3	35
2	Hydracrylic acid, monoanhydride wit	156	C7H13BO3	033823-94-8	25
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	25
4	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	22



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 28 Mar 2002 2:28 pm
Data File: C:\HPCHEM\1\DATA\MAR2802\4734.D
Name: gc/ms scan 3/4
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
Cyclopentanone	21.08	0.3	ug/l	41116	ISTD03	21.20	3133360	20.0

4734.D GCMS0308.M Mon Apr 01 10:06:24 2002