User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/30/2002 Time: 12:28:41

Sample: AE09092
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/30/02 12:28 Ended: 4/30/02 12:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE09092 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-30-2002 Time: 12:29:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 14:48 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

FB sample

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	400489	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1429539	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	796206	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1163570	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	752381	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	453353	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	32015	7.95	ug/L	-0.05
Spiked Amount 10.000			Recovery = 79.50%			
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	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	15.89	128	388	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	22.62	149	422	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
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.		

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

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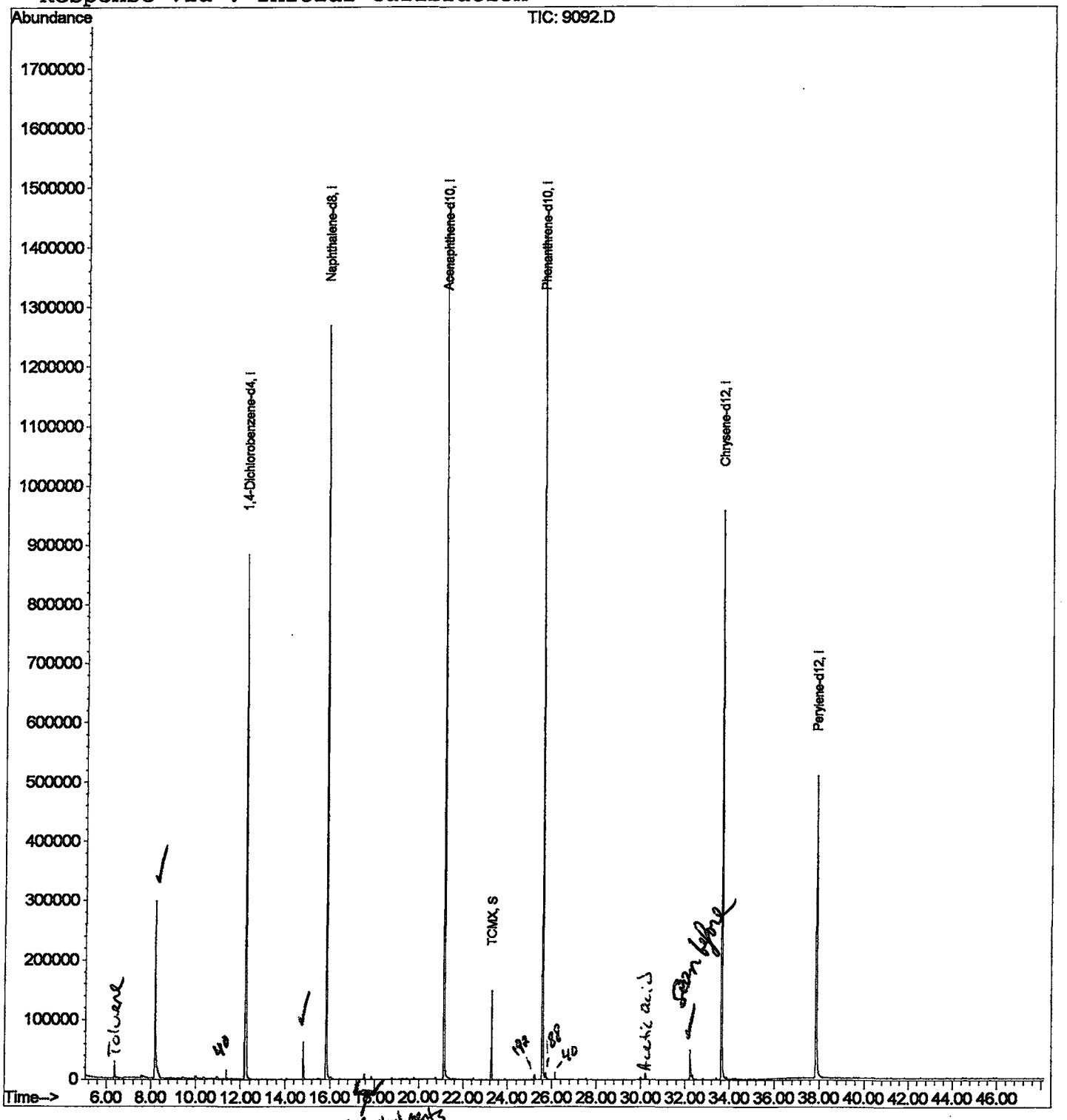
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.60	178	214	N.D.	
35) Anthracene	25.60	178	214	N.D.	
36) Di-n-butylphthalate	27.55	149	3494	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	33.64	228	1835	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2528	N.D.	
44) Chrysene	33.71	228	410	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.88	252	1789	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.	

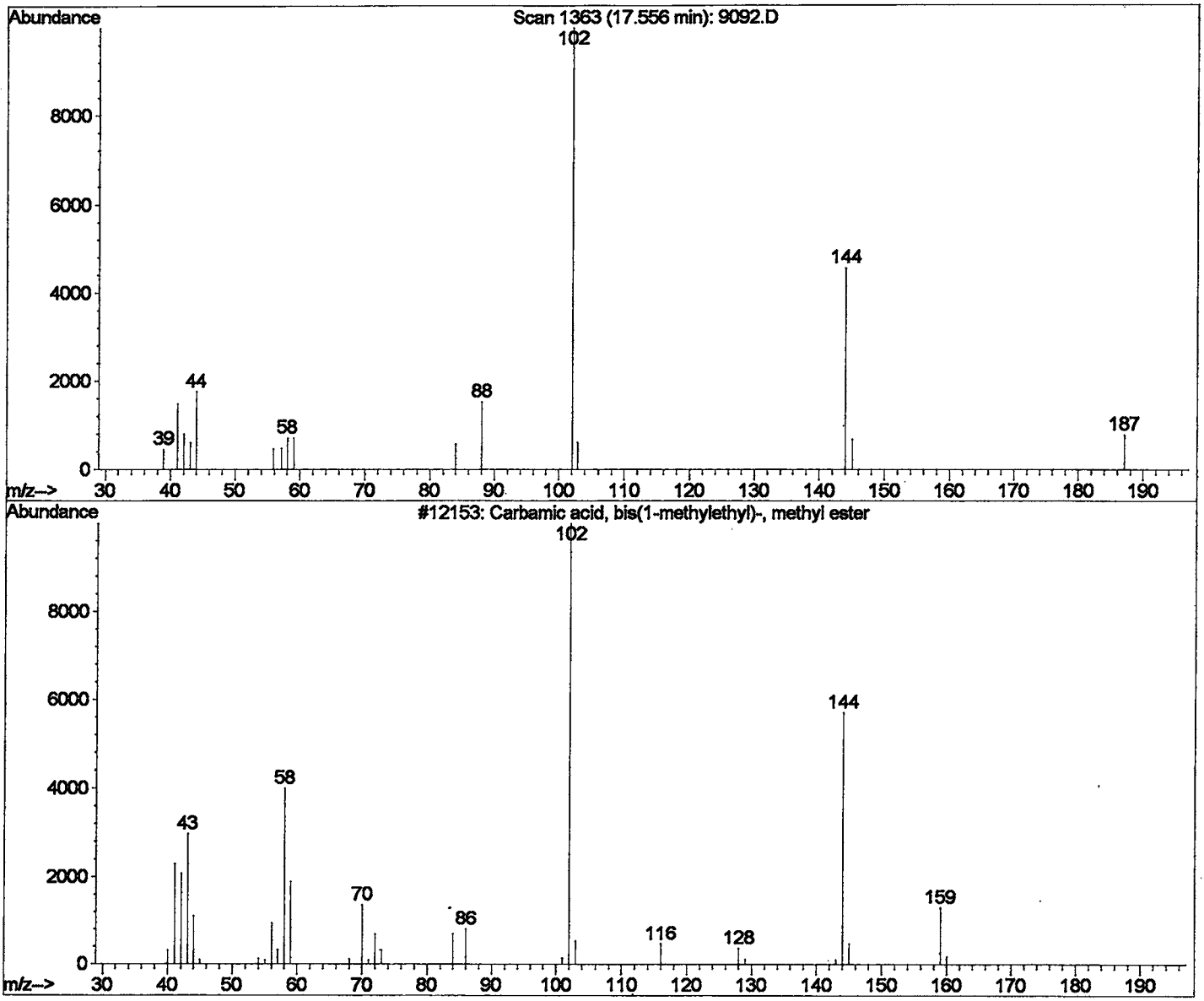
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 14:48 2002 Quant Results File: GCMS0412.RES

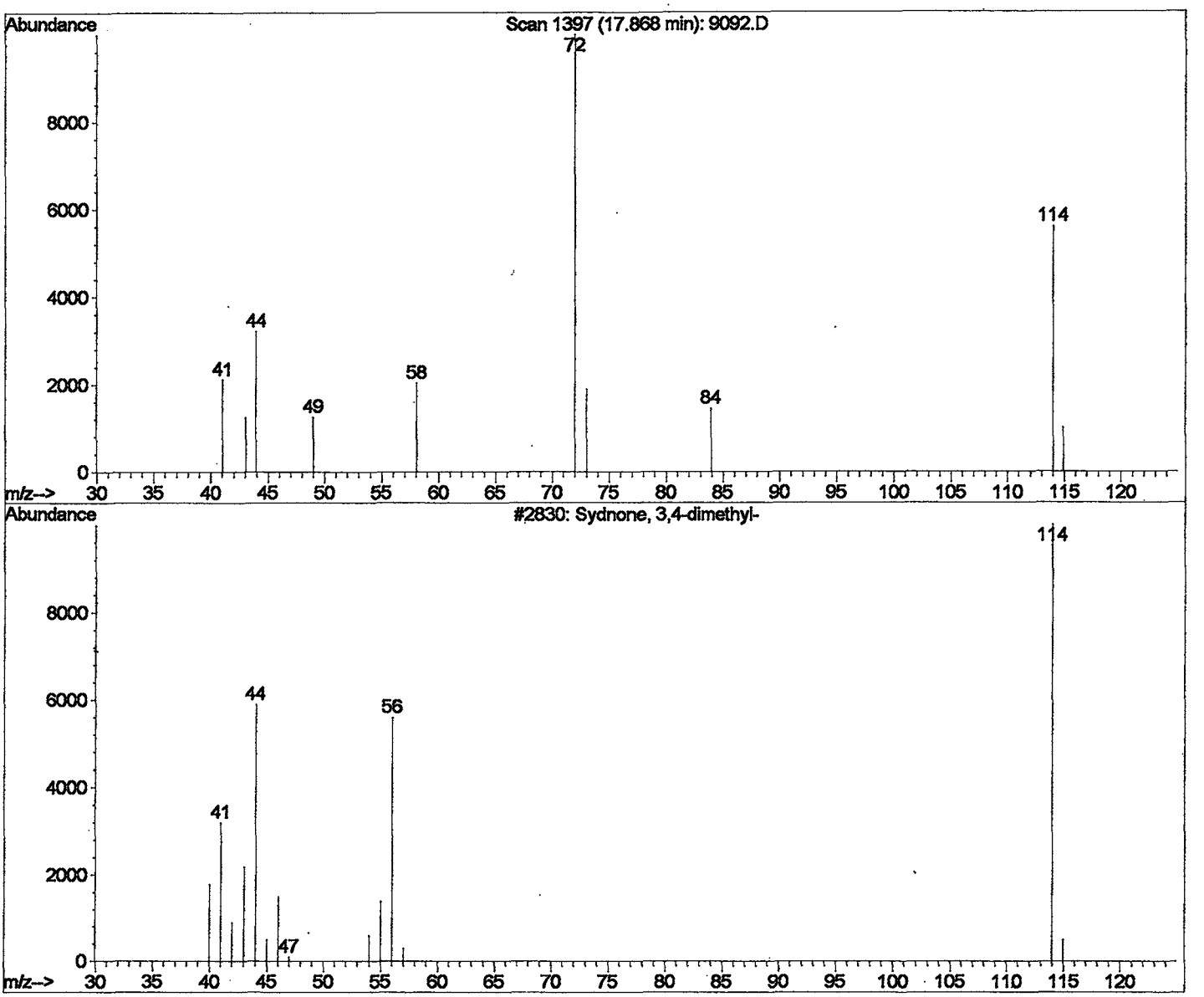
Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



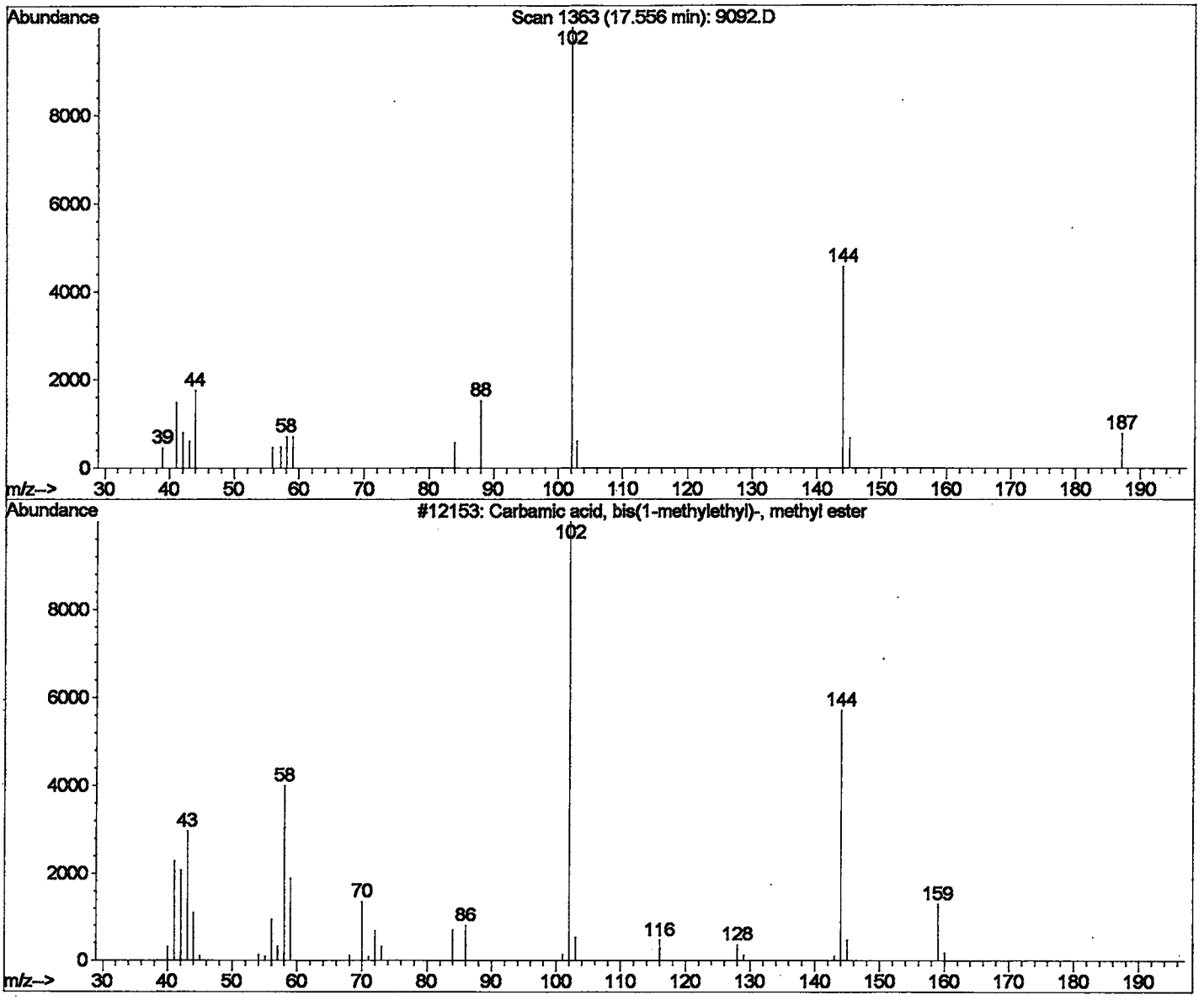
Library Searched : C:\DATABASE\nbs75k.l
Quality : 38
ID : Carbamic acid, bis(1-methylethyl)-, methyl ester



Library Searched : C:\DATABASE\nbs75k.l
Quality : 9
ID : Sydnone, 3,4-dimethyl-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 38
ID : Carbamic acid, bis(1-methylethyl)-, methyl ester



Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

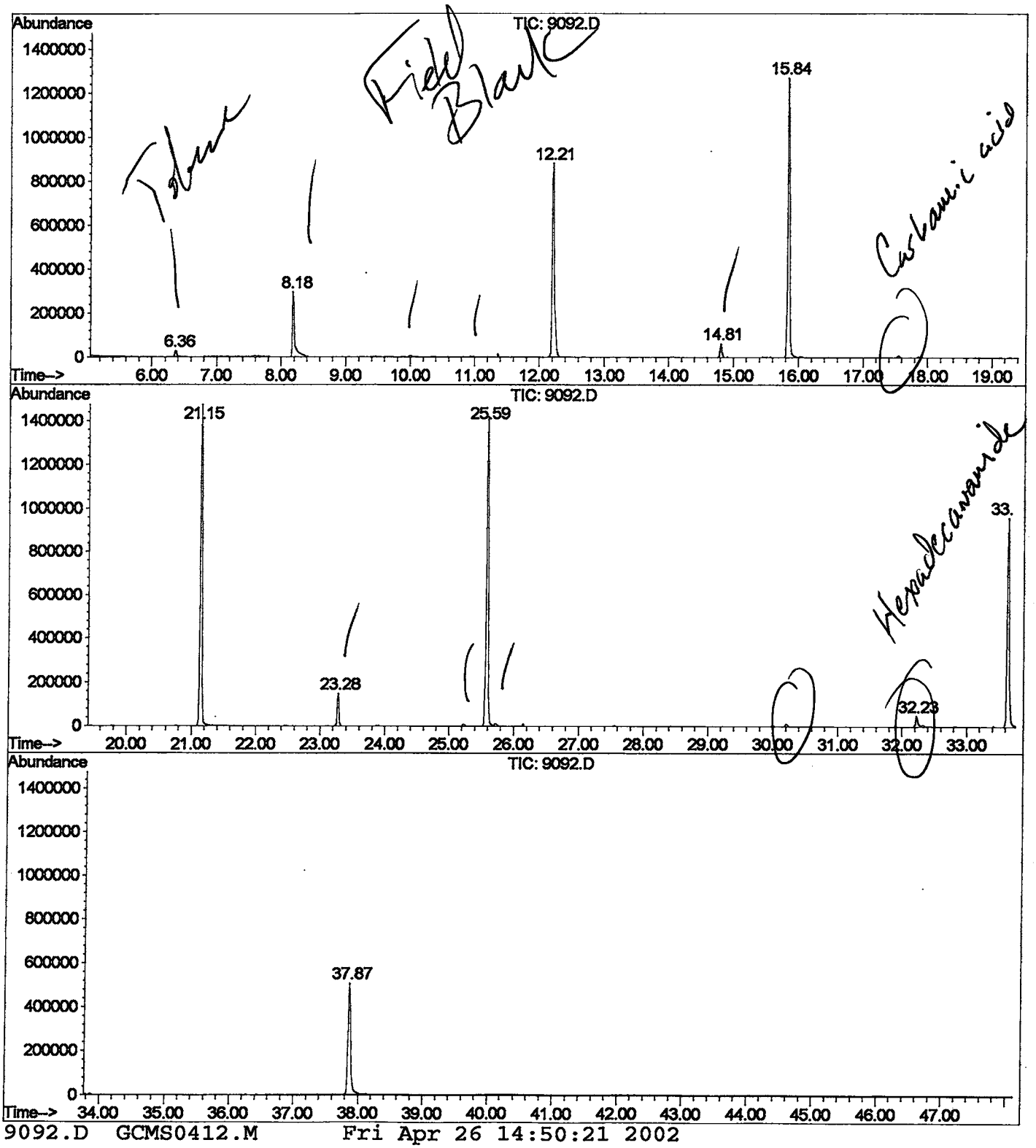
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.365	140	144	150	rBV	28721	56260	1.86%	0.359%
2	8.183	339	342	369	rVB	296309	702917	23.25%	4.480%
3	12.213	775	781	797	rVB	883776	2139945	70.77%	13.640%
4	14.811	1055	1064	1070	rBV	63367	120424	3.98%	0.768%
5	15.839	1171	1176	1190	rBV	1268502	2692939	89.06%	17.165%
6	21.145	1748	1754	1769	rBV	1475333	3023850	100.00%	19.274%
7	23.284	1980	1987	1993	rBV	149621	282340	9.34%	1.800%
8	25.588	2231	2238	2249	rBV	1420038	2893988	95.71%	18.447%
9	32.226	2956	2961	2969	rBV	49865	118484	3.92%	0.755%
10	33.640	3109	3115	3129	rBV2	958341	2148915	71.07%	13.697%
11	37.872	3568	3576	3597	rBV2	507241	1508390	49.88%	9.615%

Sum of corrected areas: 15688452

9092.D GCMS0412.M Fri Apr 26 14:50:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9092.D
Operator :
Acquired : 26 Apr 2002 1:42 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 23
Quant File :GCMS0412.RES (RTE Integrator)



9092.D GCMS0412.M Fri Apr 26 14:50:21 2002

Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

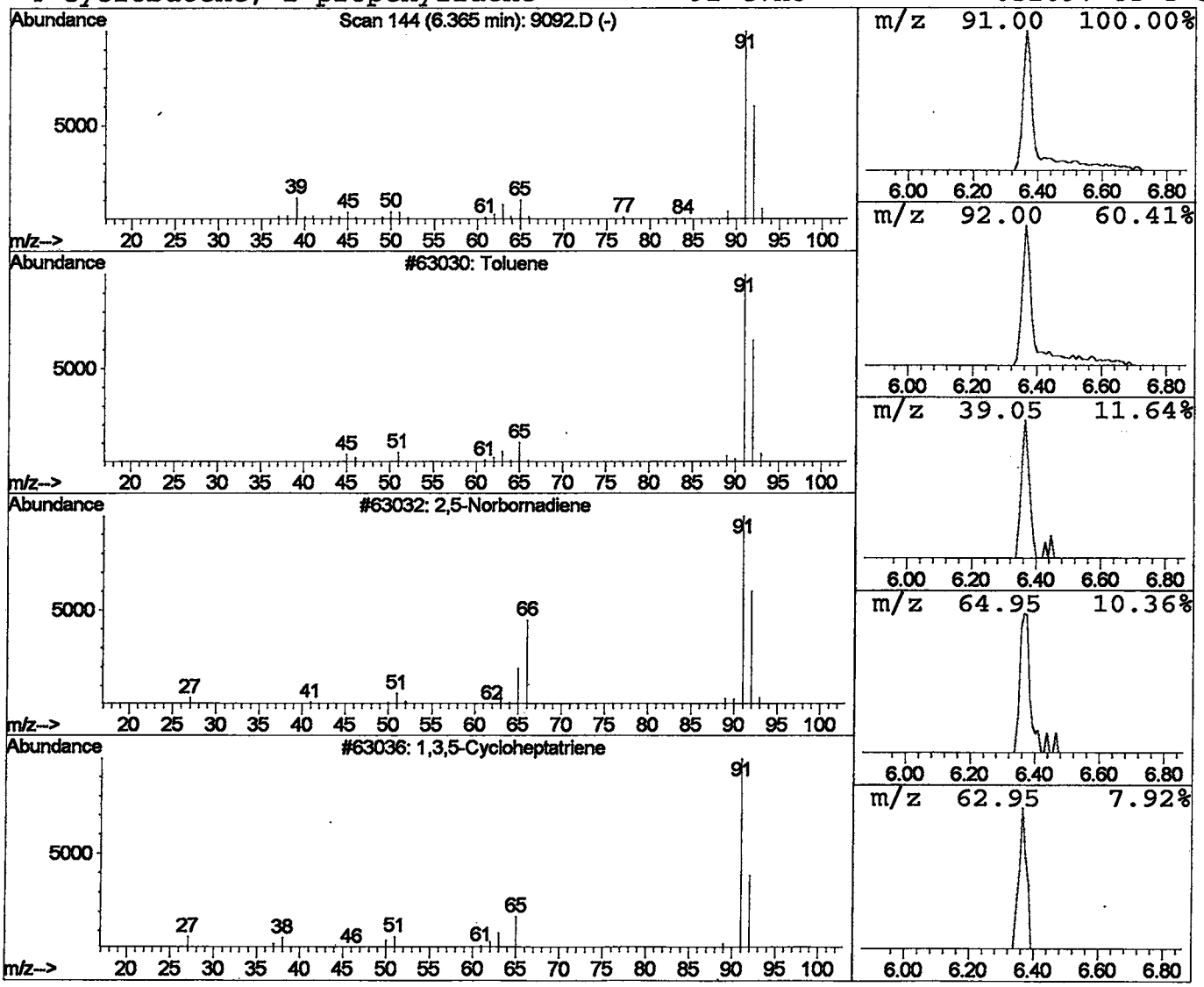
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.53 ug/l	56260	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	2,5-Norbornadiene	92	C7H8	000121-46-0	50
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	38
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	37



Data File : C:\HPCHEM\1\DATA\APR2502\9092.D
Acq On : 26 Apr 2002 1:42 pm
Sample : re-inject
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

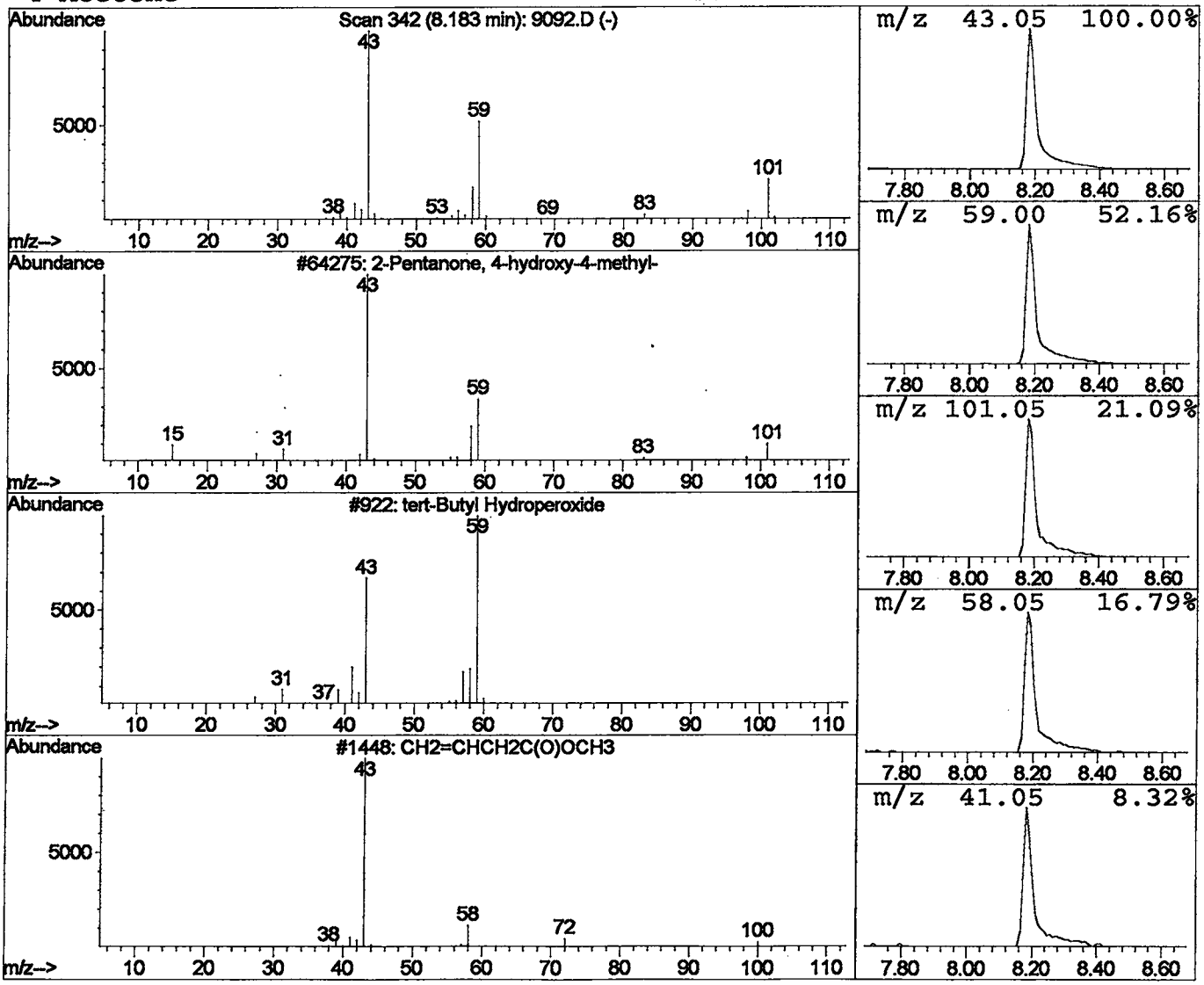
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.57 ug/l	702917	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Acetone	58	C3H6O	000067-64-1	9



Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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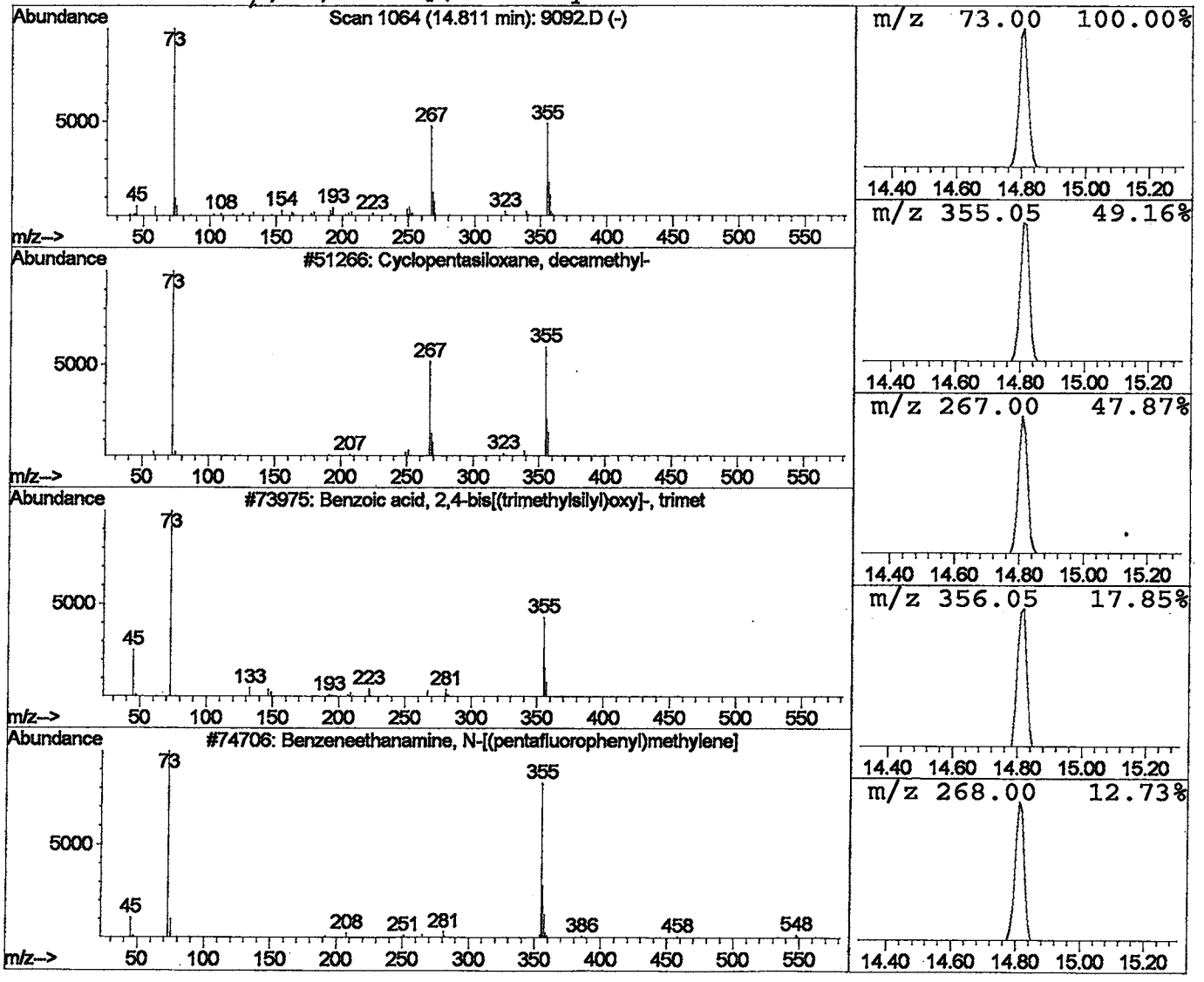
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.89 ug/l	120424	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	28



Data File : C:\HPCHEM\1\DATA\APR2502\9092.D Vial: 23
Acq On : 26 Apr 2002 1:42 pm Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

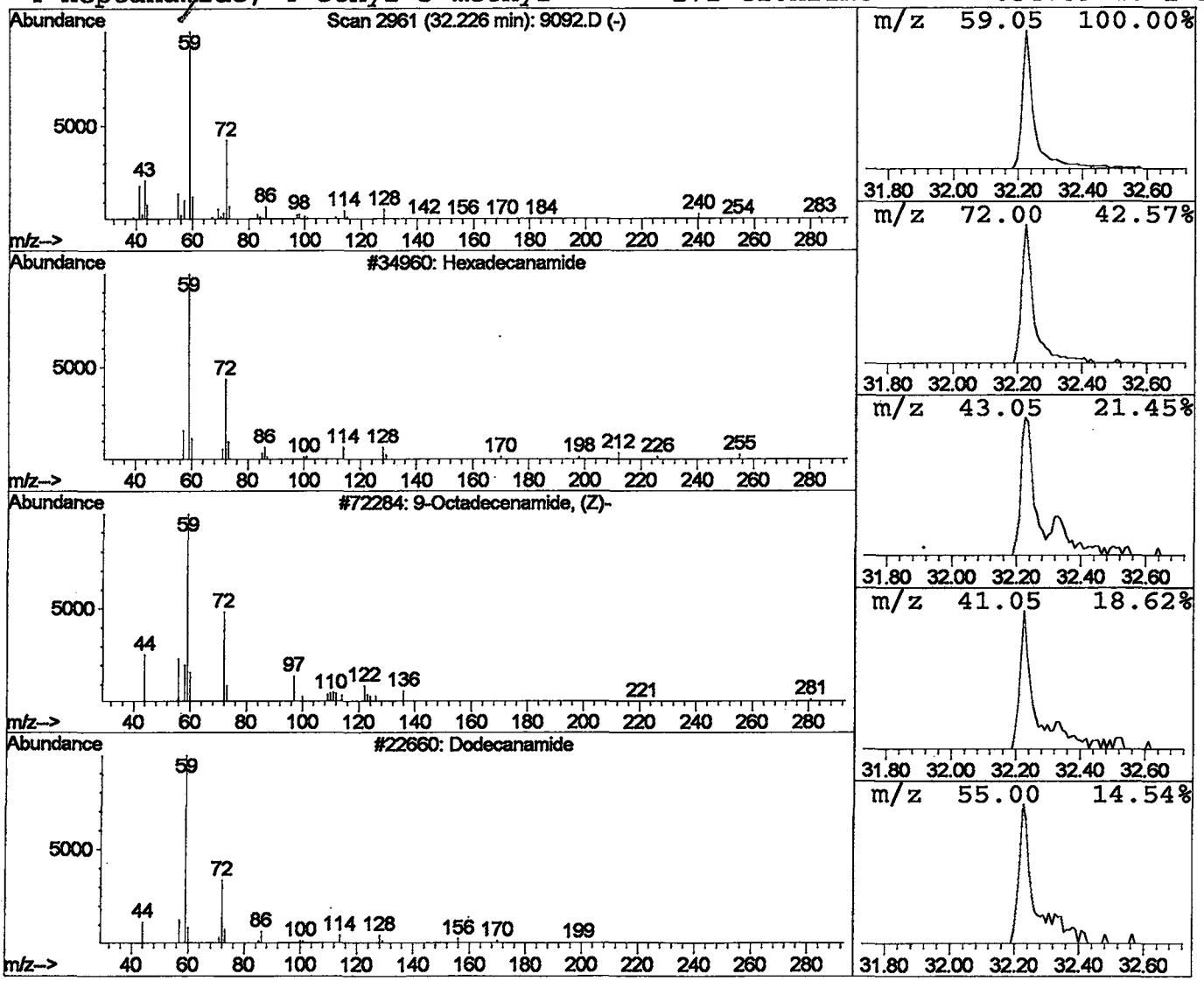
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexadecanamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.23	1.10 ug/l	118484	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56
3	Dodecanamide	199	C12H25NO	001120-16-7	45
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	39



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 1:42 pm
Data File: C:\HPCHEM\1\DATA\APR2502\9092.D
Name: re-inject
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
Toluene	6.36	0.5	ug/l	56260	ISTD01	12.21	2139950	20.0
2-Pentanone, 4-hydro	8.18	6.6	ug/l	702917	ISTD01	12.21	2139950	20.0
Cyclopentasiloxane,	14.81	0.9	ug/l	120424	ISTD02	15.85	2692940	20.0
Hexadecanamide	32.23	1.1	ug/l	118484	ISTD05	33.64	2148920	20.0

9092.D GCMS0412.M Fri Apr 26 14:50:25 2002