User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:28:29

Sample: AE08931
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:28 Ended: 4/26/02 14:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE08931 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 14:28:53

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 low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\8931.D Vial: 11
Acq On : 24 Apr 2002 12:11 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:20 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	439585	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1599689	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	905742	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.58	188	1293395	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	788051	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	480278	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	34402	7.58	ug/L	-0.04
Spiked Amount 10.000			Recovery = 75.80%			
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	15.90	128	308	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	22.63	149	448	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

Quantitation Report (QT Reviewed)

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Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
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Last Update : Wed Apr 17 11:48:30 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	25.58	178	343	N.D.	
35)	Anthracene	25.58	178	343	N.D.	
36)	Di-n-butylphthalate	27.55	149	3136	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	1786	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	875	N.D.	
44)	Chrysene	33.64	228	1786	N.D.	
46)	Di-n-Octylphthalate	36.06	149	488	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	37.87	252	1649	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.	

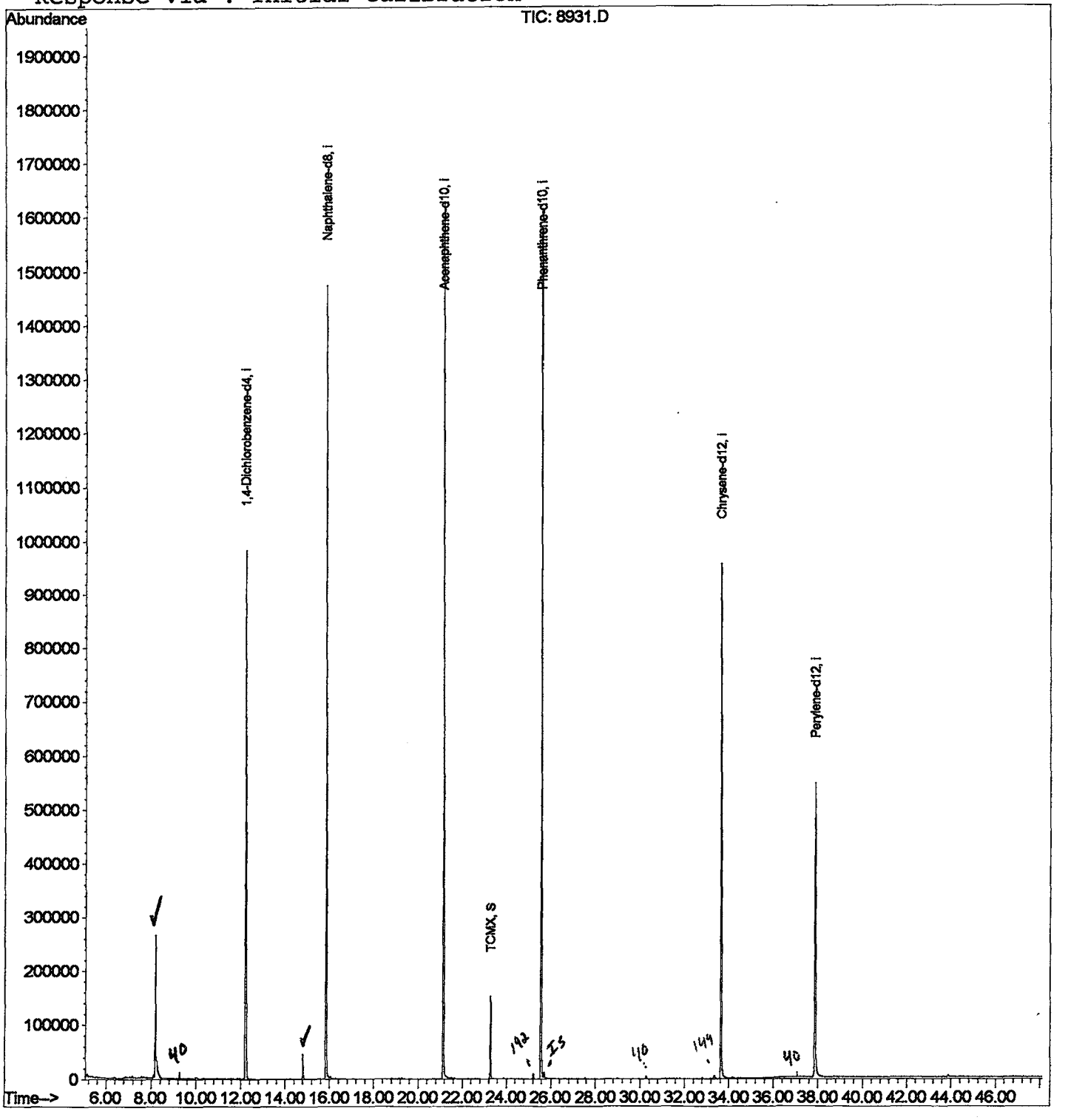
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2302\8931.D
Acq On : 24 Apr 2002 12:11 am
Sample : gc/ms scan 4/15
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:20 2002

Vial: 11
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2302\8931.D Vial: 11
Acq On : 24 Apr 2002 12:11 am Operator:
Sample : gc/ms scan 4/15 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

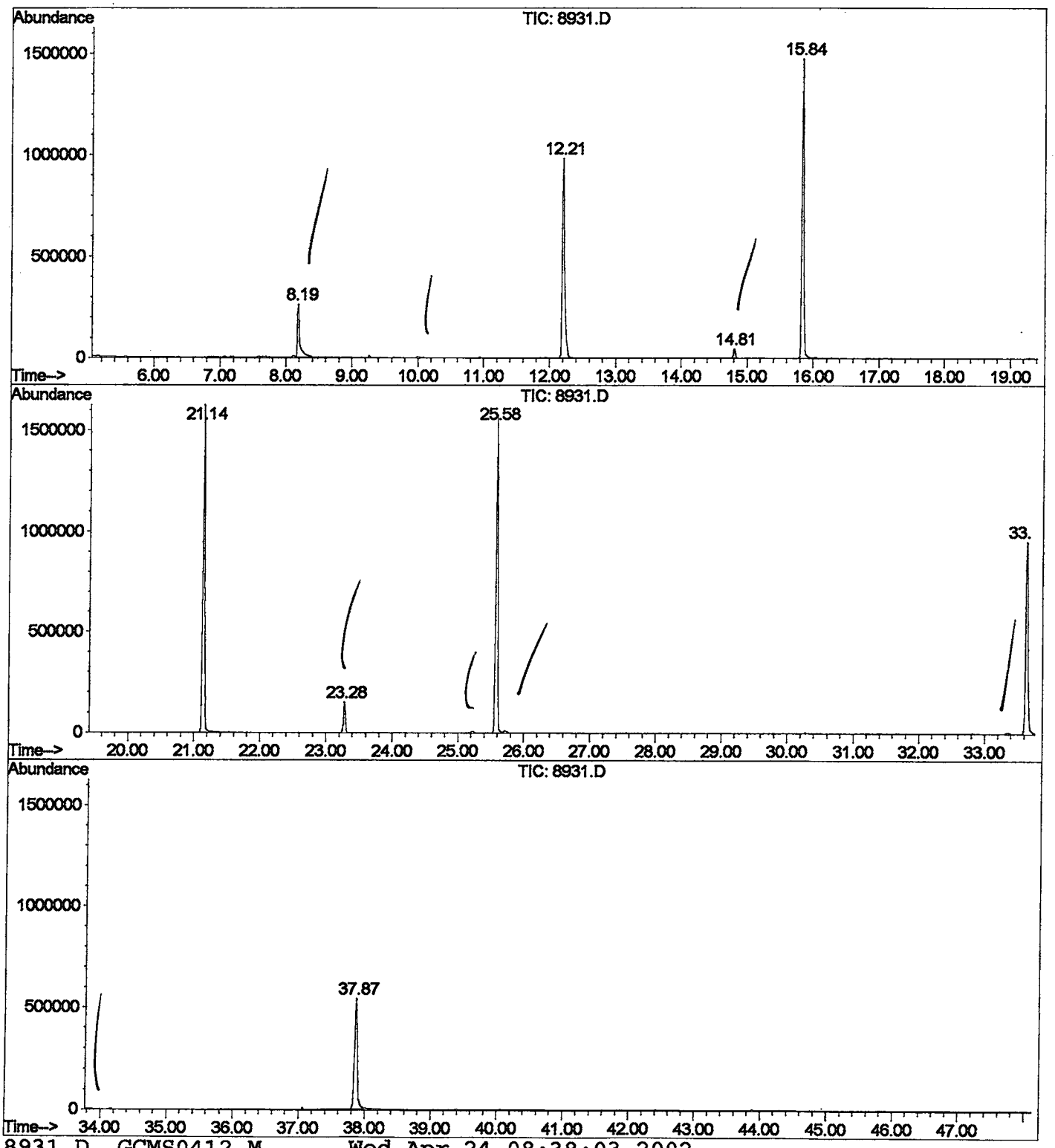
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.188	338	342	367	rVB	264109	656297	19.13%	3.866%
2	12.209	775	780	797	rVB	981956	2353883	68.60%	13.864%
3	14.807	1058	1063	1068	rVB	46720	88478	2.58%	0.521%
4	15.844	1170	1176	1192	rBV	1473803	3020532	88.03%	17.791%
5	21.141	1747	1753	1766	rBV	1626528	3431110	100.00%	20.209%
6	23.280	1978	1986	1996	rVB	151895	305289	8.90%	1.798%
7	25.585	2230	2237	2248	rBV2	1577068	3243011	94.52%	19.101%
8	33.636	3108	3114	3130	rBV2	955954	2273302	66.26%	13.390%
9	37.868	3567	3575	3588	rBV2	543482	1606224	46.81%	9.461%

Sum of corrected areas: 16978126

8931.D GCMS0412.M Wed Apr 24 08:38:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\8931.D
Operator :
Acquired : 24 Apr 2002 12:11 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/15
Misc Info :
Vial Number: 11
Quant File :GCMS0412.RES (RTE Integrator)



8931.D GCMS0412.M Wed Apr 24 08:38:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8931.D Vial: 11
Acq On : 24 Apr 2002 12:11 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

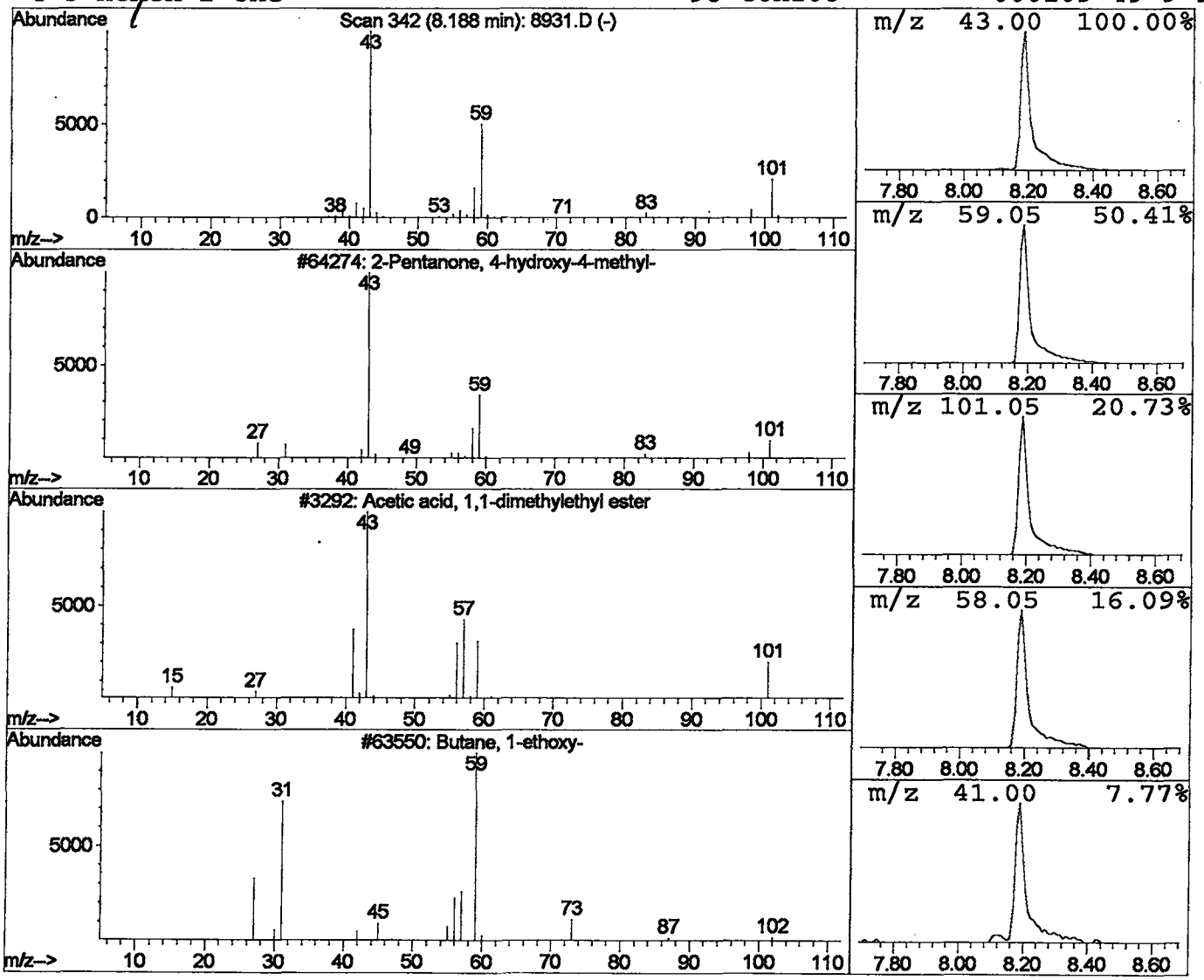
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.58 ug/l	656297	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	56
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8931.D Vial: 11
Acq On : 24 Apr 2002 12:11 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

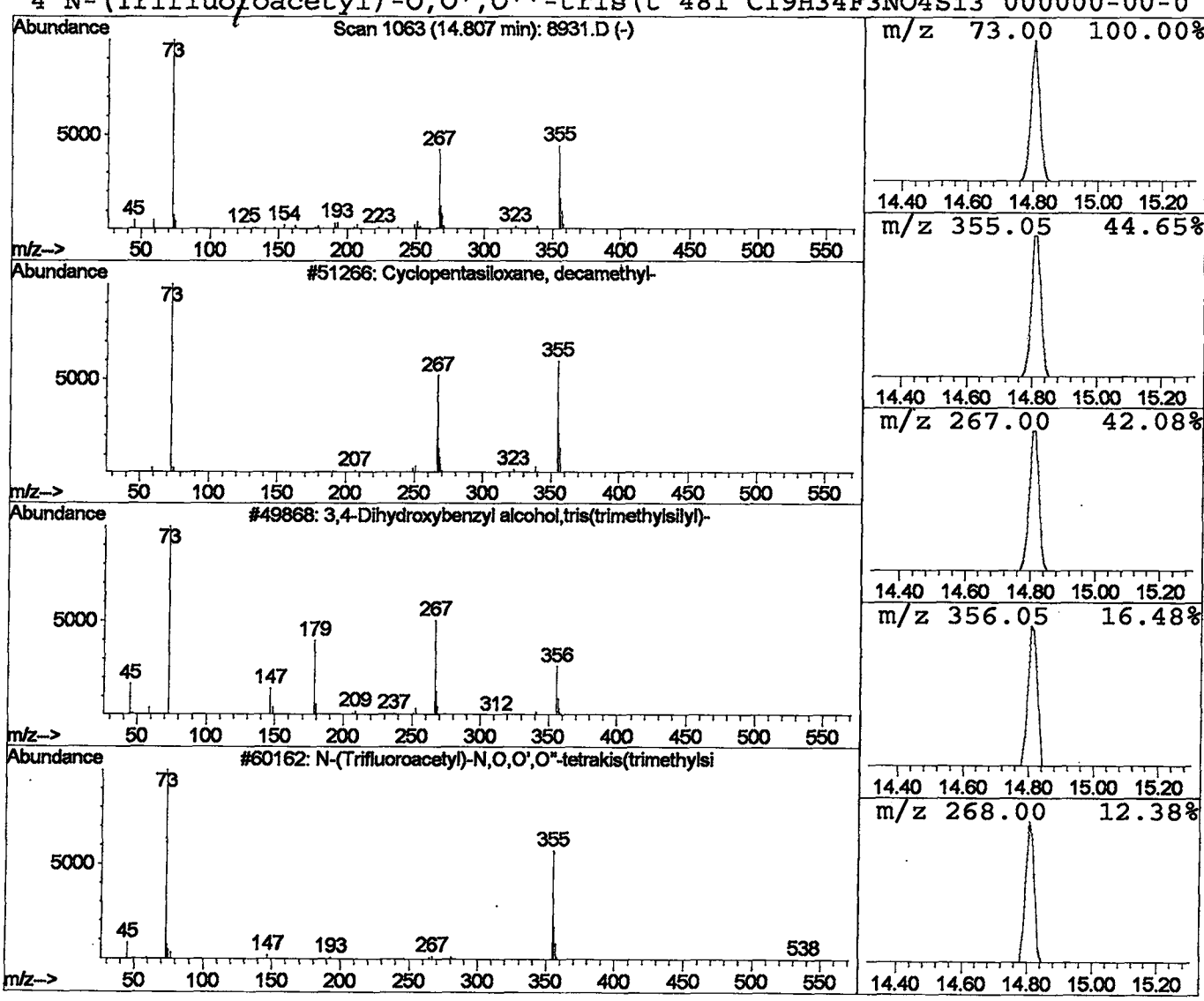
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.59 ug/l	88478	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 12:11 am
Data File: C:\HPCHEM\1\DATA\APR2302\8931.D
Name: gc/ms scan 4/15
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
2-Pentanone, 4-hydro	8.19	5.6	ug/l	656297	ISTD01	12.21	2353880	20.0
Cyclopentasiloxane,	14.81	0.6	ug/l	88478	ISTD02	15.84	3020530	20.0

8931.D GCMS0412.M Wed Apr 24 08:38:06 2002