User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:31:03

Sample: AE08933
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:30 Ended: 4/26/02 14:30 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE08933 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 14:31:27

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\8933.D Vial: 13
Acq On : 24 Apr 2002 2:07 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:29 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	495718	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1799380	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1013822	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1486316	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	972251	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	616925	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	39250	7.72	ug/L	-0.04
Spiked Amount 10.000			Recovery = 77.20%			
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	5.50	74	175	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	429	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	488	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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DataAcq Meth : GCMS0412

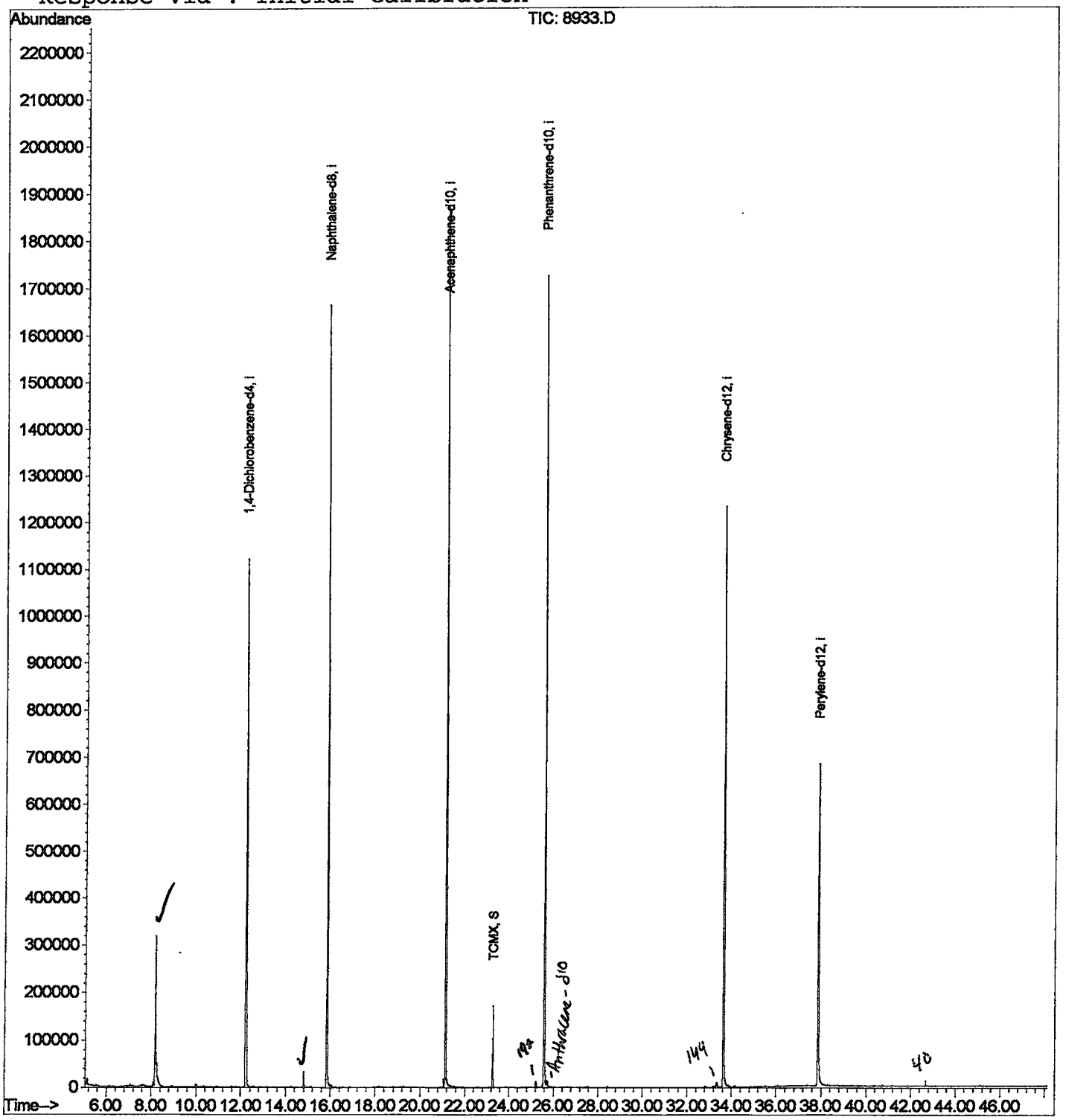
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	392	N.D.	
35)	Anthracene	25.59	178	392	N.D.	
36)	Di-n-butylphthalate	27.56	149	3408	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2281	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	2487	N.D.	
44)	Chrysene	33.64	228	2281	N.D.	
46)	Di-n-Octylphthalate	36.06	149	1006	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	2270	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\8933.D Vial: 13
Acq On : 24 Apr 2002 2:07 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:29 2002 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\8933.D Vial: 13
Acq On : 24 Apr 2002 2:07 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

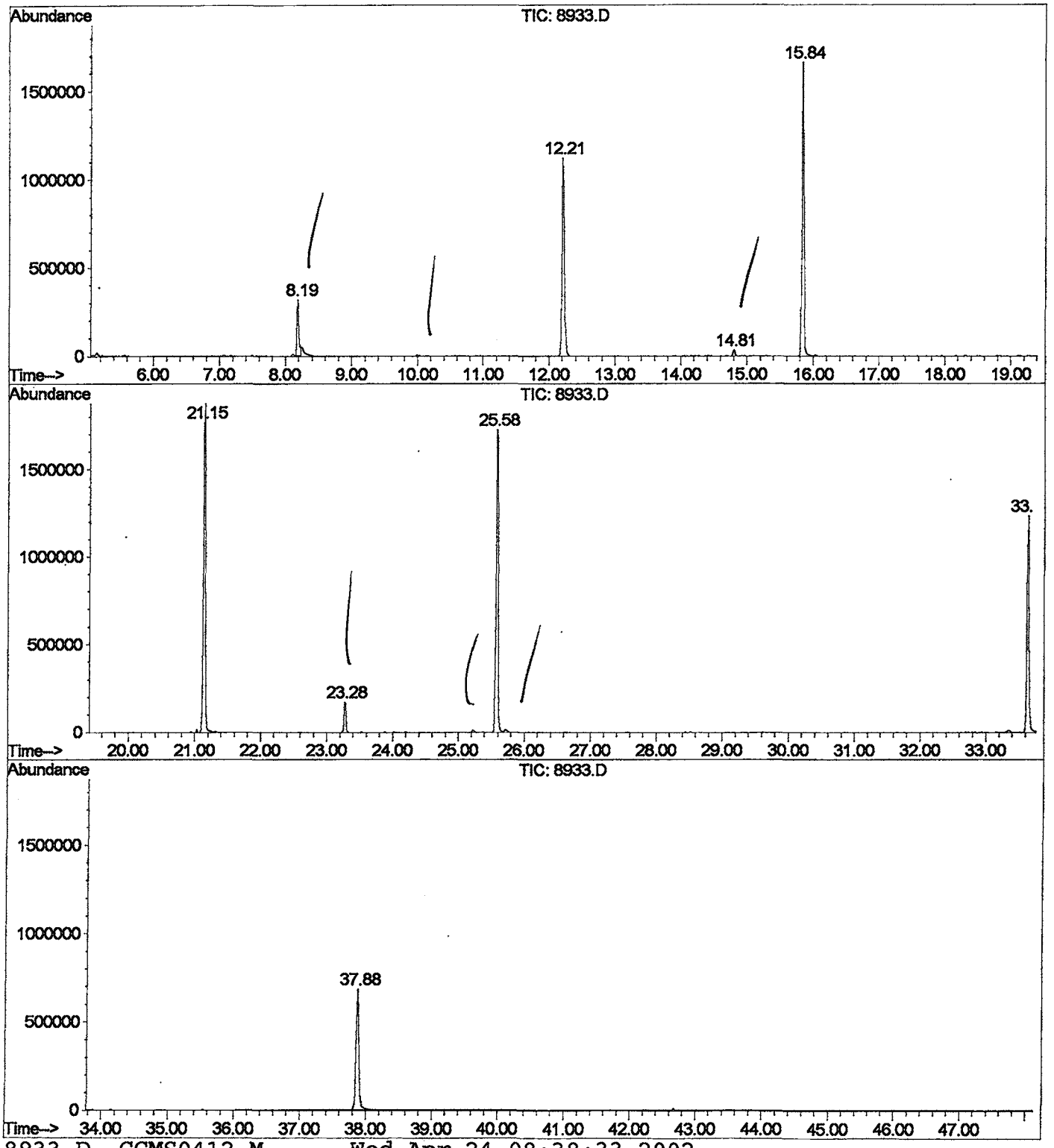
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.186	338	342	347	rBV	315452	623932	16.05%	3.185%
2	12.207	775	780	793	rVB	1121185	2642523	67.96%	13.487%
3	14.805	1059	1063	1068	rVB	33201	63724	1.64%	0.325%
4	15.843	1170	1176	1194	rBV	1664529	3398085	87.39%	17.344%
5	21.149	1747	1754	1772	rBV	1876701	3888549	100.00%	19.847%
6	23.279	1980	1986	1994	rVB	172544	343692	8.84%	1.754%
7	25.583	2231	2237	2248	rBV2	1726567	3741399	96.22%	19.096%
8	33.643	3108	3115	3134	rBV2	1233087	2807574	72.20%	14.330%
9	37.875	3568	3576	3602	rBV2	681873	2083112	53.57%	10.632%

Sum of corrected areas: 19592590

8933.D GCMS0412.M Wed Apr 24 08:38:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\8933.D
Operator :
Acquired : 24 Apr 2002 2:07 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/15
Misc Info :
Vial Number: 13
Quant File :GCMS0412.RES (RTE Integrator)



8933.D GCMS0412.M Wed Apr 24 08:38:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8933.D Vial: 13
Acq On : 24 Apr 2002 2:07 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

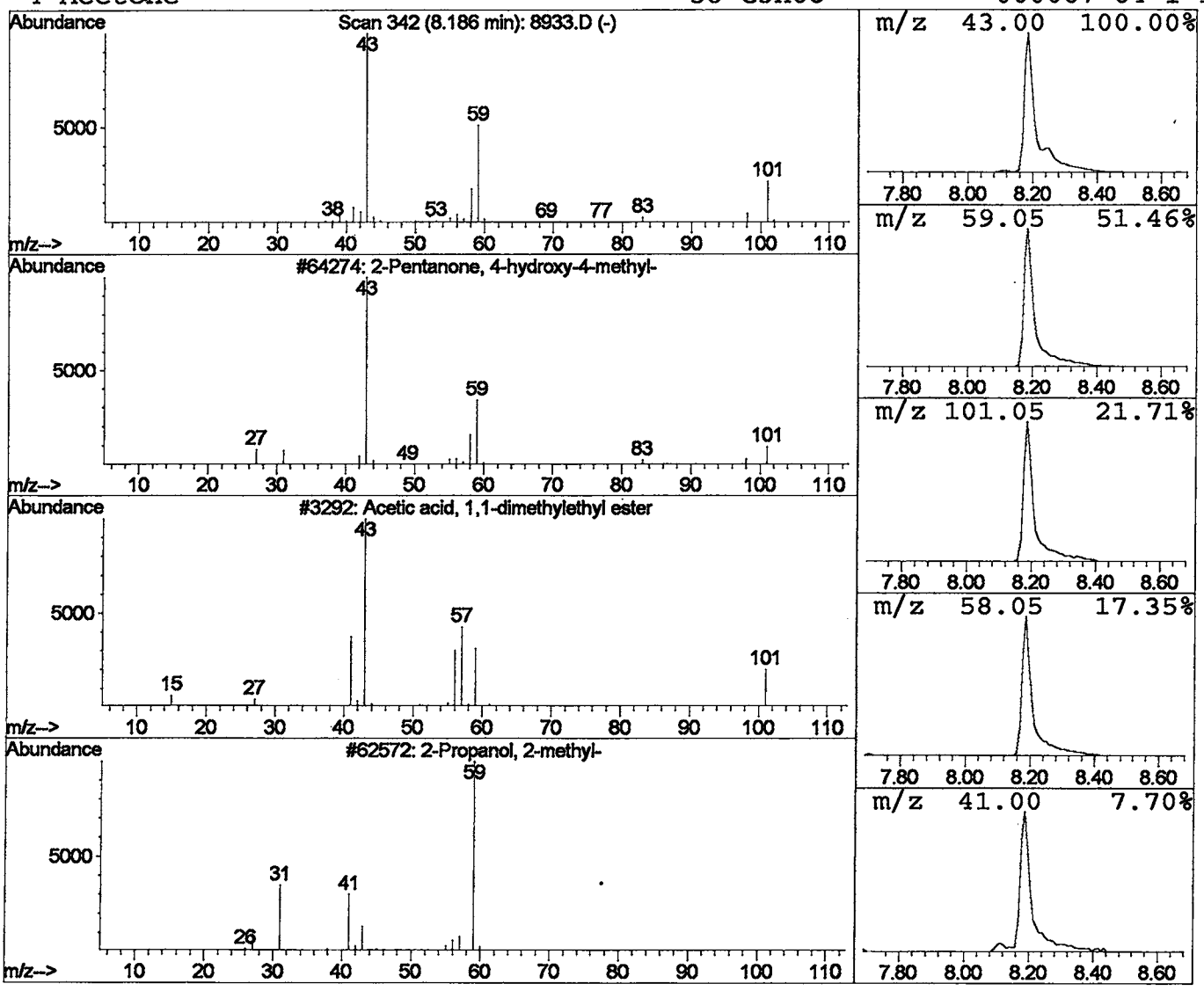
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.72 ug/l	623932	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	Acetone	58	C3H6O	000067-64-1	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8933.D Vial: 13
Acq On : 24 Apr 2002 2:07 am Operator:
Sample : gc/ms scan 4/15 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

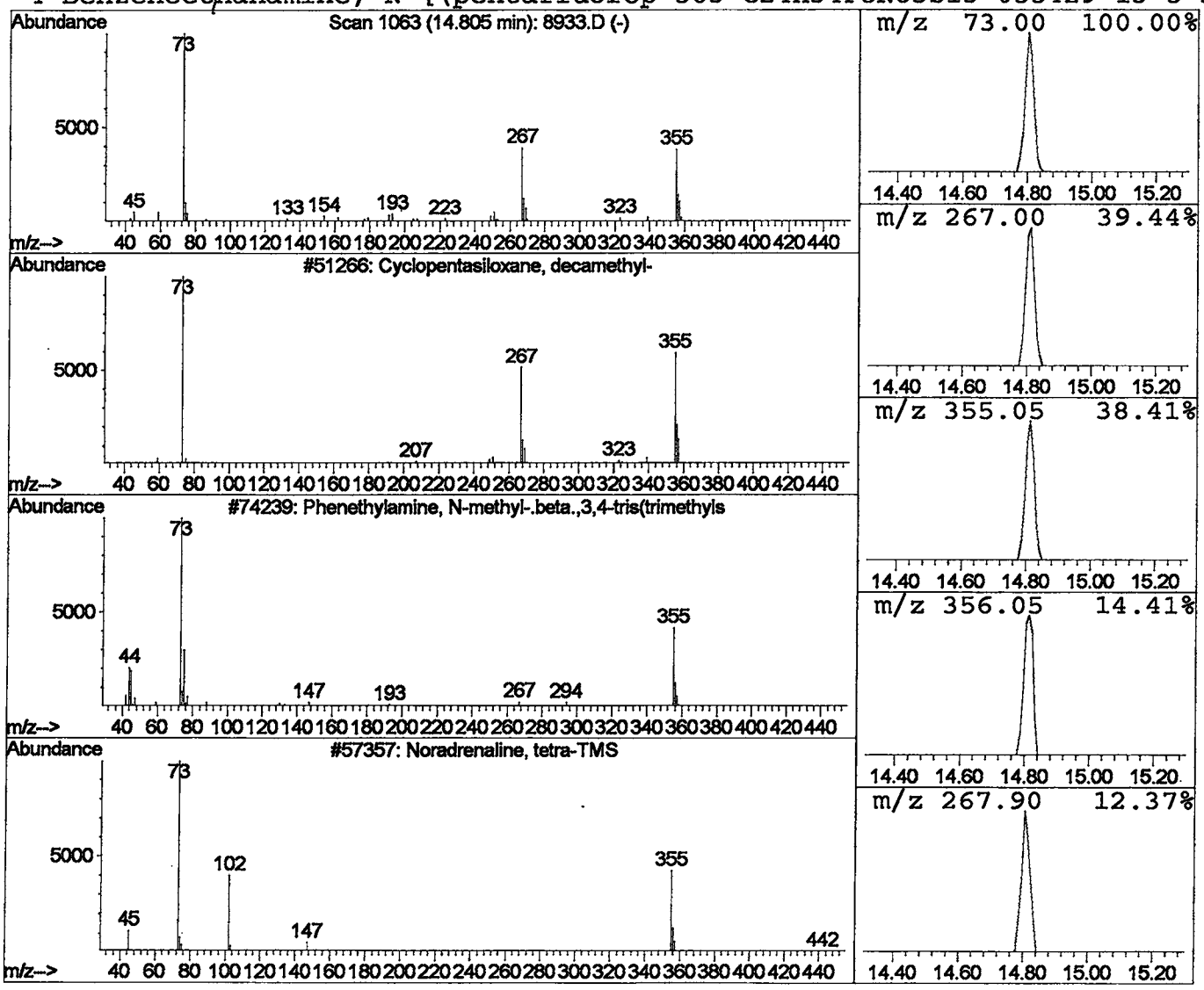
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.38 ug/l	63724	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 2:07 am
Data File: C:\HPCHEM\1\DATA\APR2302\8933.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	4.7	ug/l	623932	ISTD01	12.21	2642520	20.0
Cyclopentasiloxane,	14.81	0.4	ug/l	63724	ISTD02	15.84	3398090	20.0

8933.D GCMS0412.M Wed Apr 24 08:38:36 2002