User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 10:38:56

Sample: AE05056
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 10:38 Ended: 4/9/02 10:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE05056 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 10:39:00

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\5056.D Vial: 32
Acq On : 30 Mar 2002 11:42 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 0:31 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	12.25	152	460691	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1682206	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	936399	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1314022	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	639711	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	350123	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	86245	~~6.54~~ 4.67	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~130%~~ 93.41%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.51	74	187	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	597	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	22.67	149	1201	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

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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	25.69	178	213	N.D.	
34)	Anthracene	25.70	178	213	N.D.	
35)	Di-n-butylphthalate	27.60	149	4795	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	255	N.D.	
41)	Benzo(a)anthracene	33.69	228	1437	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	3616	N.D.	
43)	Chrysene	33.69	228	1437	N.D.	
45)	Di-n-Octylphthalate	35.64	149	121	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	345	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	420	N.D.	
48)	Benzo(a)pyrene	37.94	252	1324	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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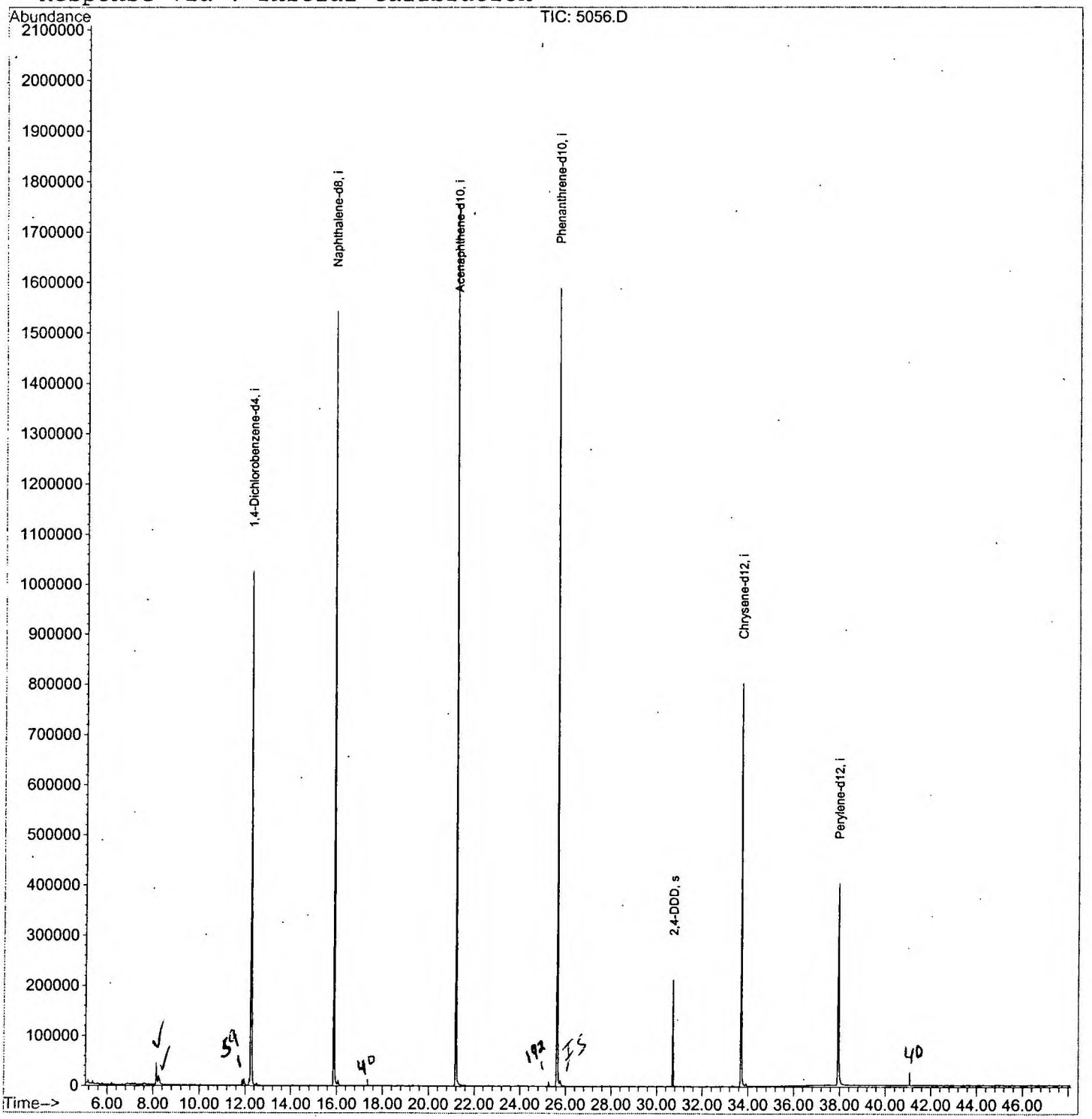
Acq On : 30 Mar 2002 11:42 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 0:31 2002 Quant Results File: GCMS0308.RES

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\MAR3002\5056.D Vial: 32
Acq On : 30 Mar 2002 11:42 pm Operator:
Sample : gc/ms scan 3/8 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

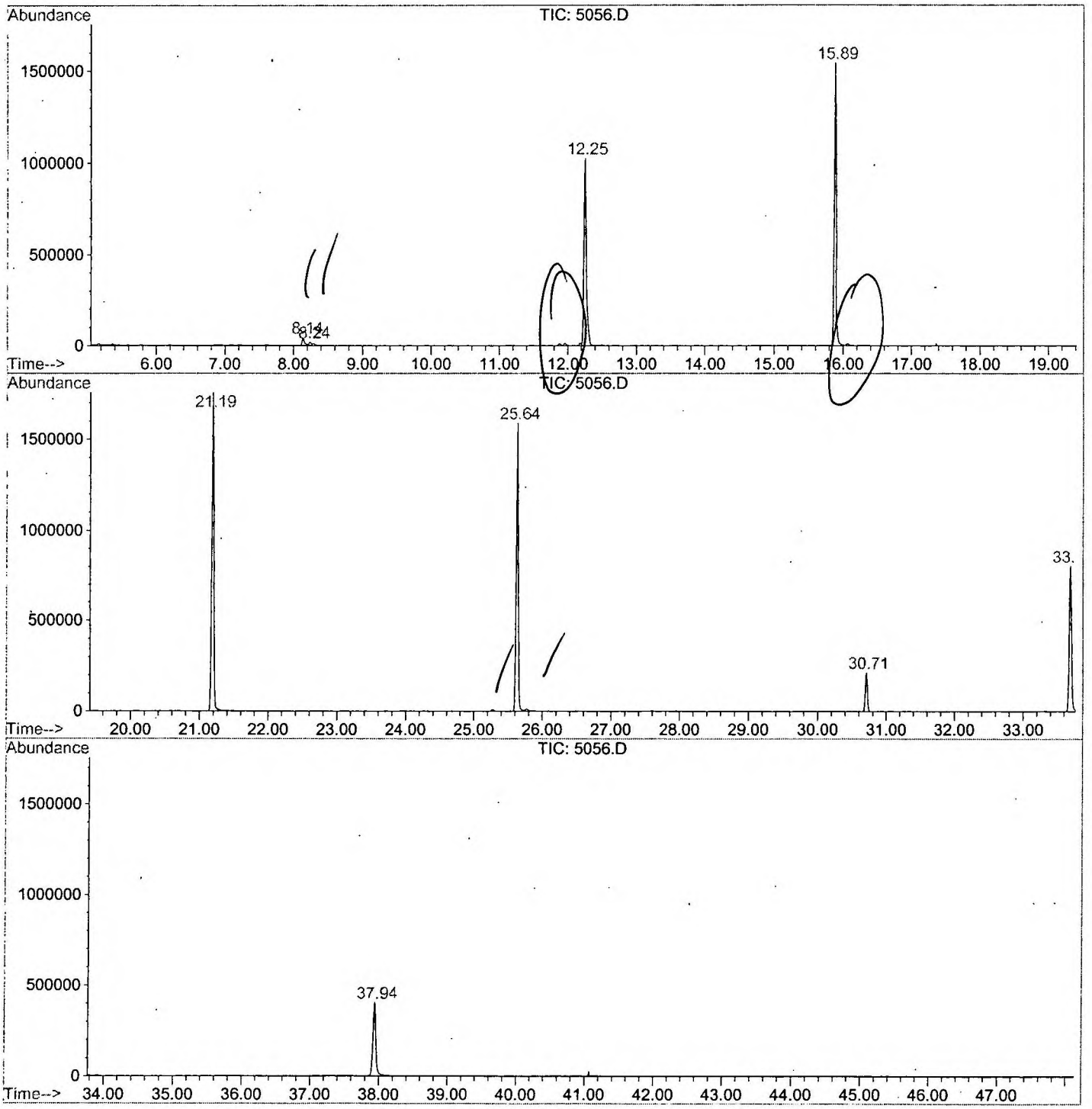
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.138	333	337	345	rBV	43293	99386	2.78%	0.617%
2	8.239	345	348	351	rVV	17668	40408	1.13%	0.251%
3	12.251	780	785	803	rVB	1025207	2500527	69.88%	15.518%
4	15.886	1175	1181	1196	rBV	1542935	3170862	88.62%	19.678%
5	21.192	1752	1759	1772	rBV	1756356	3578127	100.00%	22.205%
6	25.635	2236	2243	2254	rBV	1589066	3280084	91.67%	20.356%
7	30.712	2790	2796	2804	rVB	213551	425800	11.90%	2.642%
8	33.696	3114	3121	3140	rBV2	804137	1843805	51.53%	11.442%
9	37.937	3575	3583	3595	rBV2	402676	1174987	32.84%	7.292%

Sum of corrected areas: 16113986

5056.D GCMS0308.M Tue Apr 02 15:33:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5056.D
Operator :
Acquired : 30 Mar 2002 11:42 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 32
Quant File :GCMS0308.RES (RTE Integrator)



5056.D GCMS0308.M Tue Apr 02 15:33:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5056.D Vial: 32
Acq On : 30 Mar 2002 11:42 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

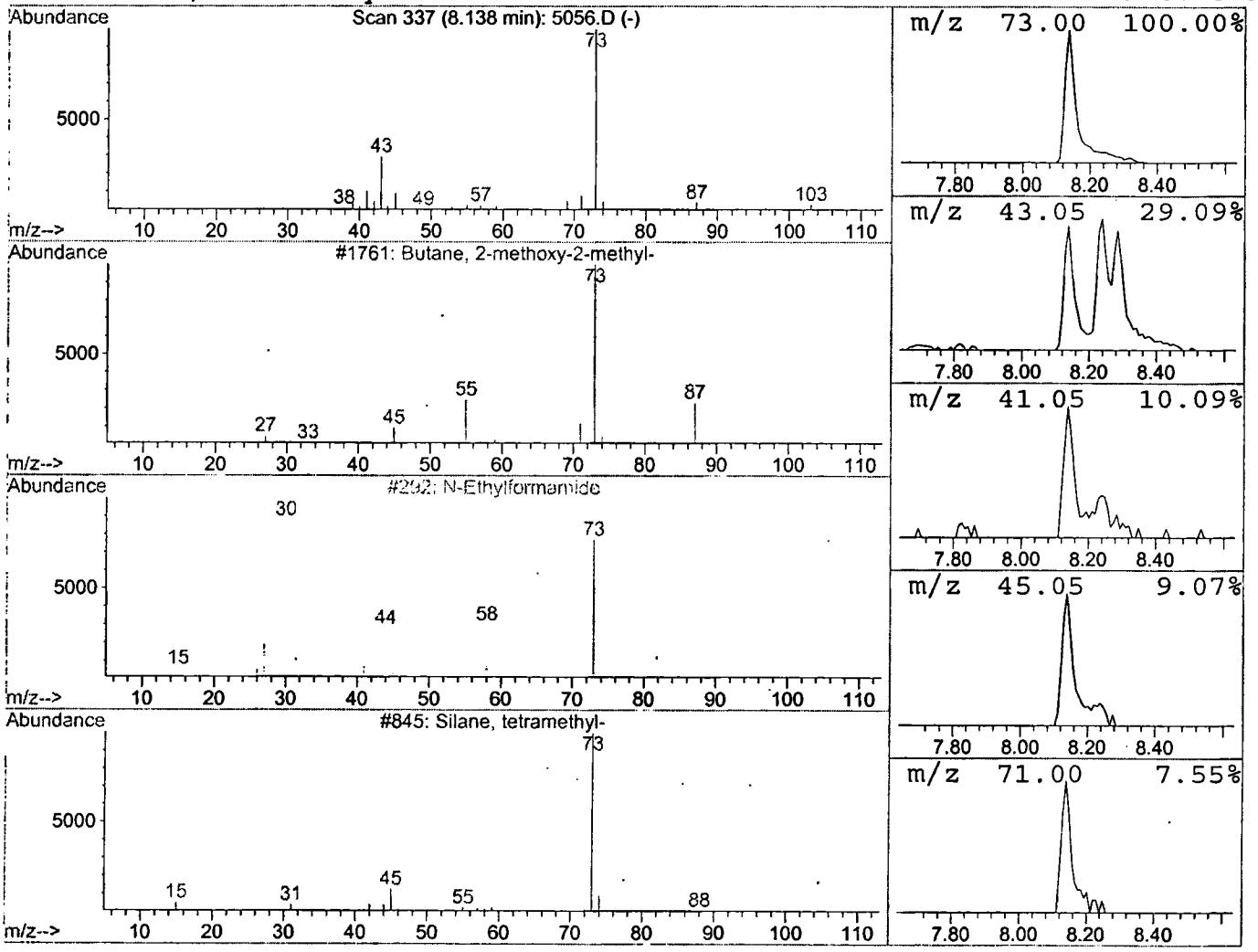
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.79 ug/l	99386	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5056.D Vial: 32
Acq On : 30 Mar 2002 11:42 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

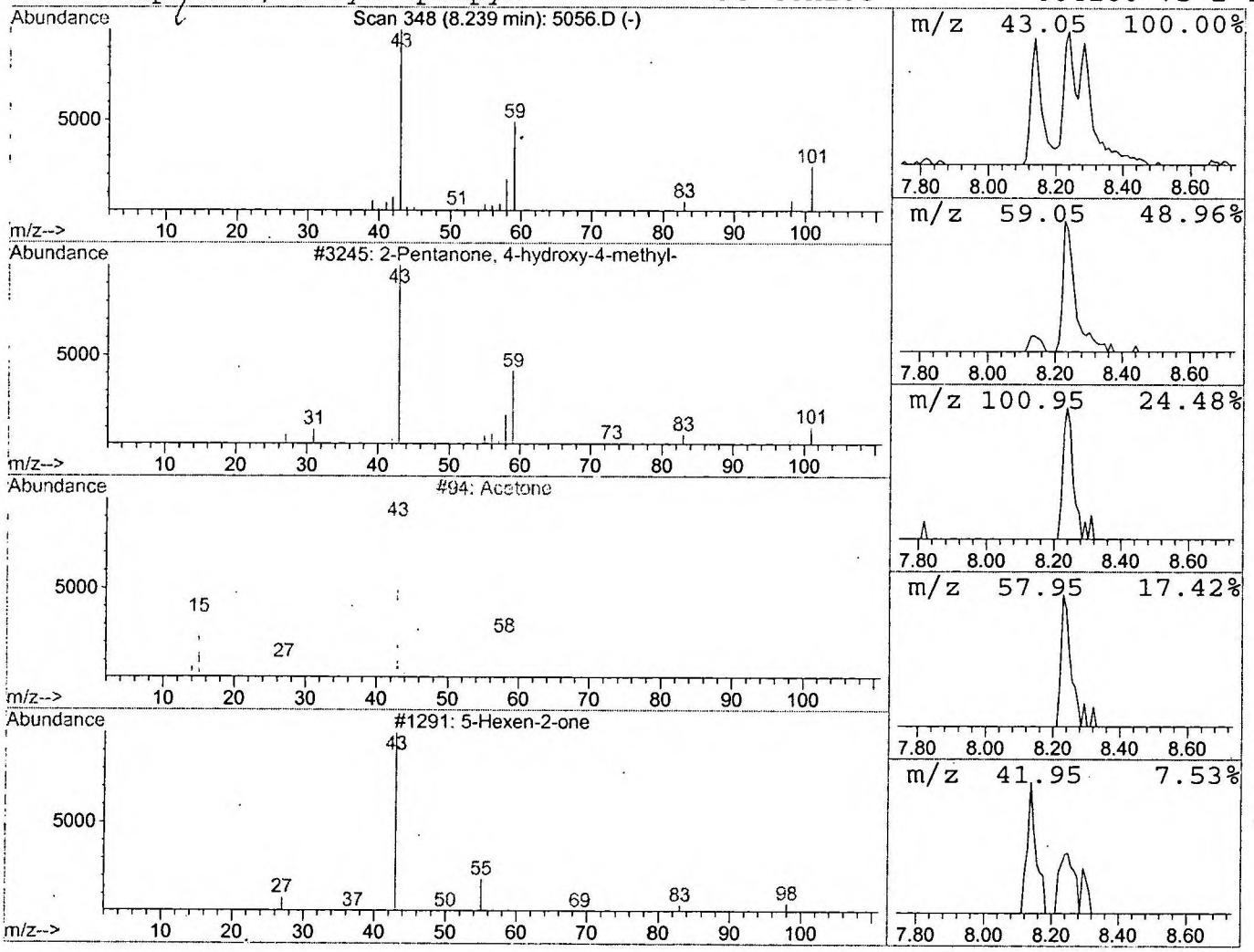
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.32 ug/l	40408	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	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 11:42 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5056.D
Name: gc/ms scan 3/8
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
Butane, 2-methoxy-2-	8.14	0.8	ug/l	99386	ISTD01	12.25	2500530	20.0
2-Pentanone, 4-hydro	8.24	0.3	ug/l	40408	ISTD01	12.25	2500530	20.0

5056.D GCMS0308.M Tue Apr 02 15:34:05 2002