User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 09:04:29

Sample: AE04420
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 09:04 Ended: 4/4/02 09:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE04420 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 09:04:33

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\MAR2102\4420.D Vial: 11
Acq On : 21 Mar 2002 9:08 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:07 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 08 08:54:27 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	556689	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2177411	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1165413	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1741143	20.00	ug/l	-0.10
38) Chrysene-d12	33.73	240	1108424	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	681160	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	70540	5.57	ug/mL	0.23
Spiked Amount 5.000			Recovery = 111.40%			
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	14.60	82	982	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	15.95	128	194	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	21.54	165	207	N.D.		
25) Diethylphthalate	22.69	149	215	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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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	25.66	178	553	N.D.	
34)	Anthracene	25.66	178	553	N.D.	
35)	Di-n-butylphthalate	27.62	149	1172	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.73	228	2453	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	1946	N.D.	
43)	Chrysene	33.73	228	2453	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	233	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	315	N.D.	
48)	Benzo(a)pyrene	37.98	252	2772	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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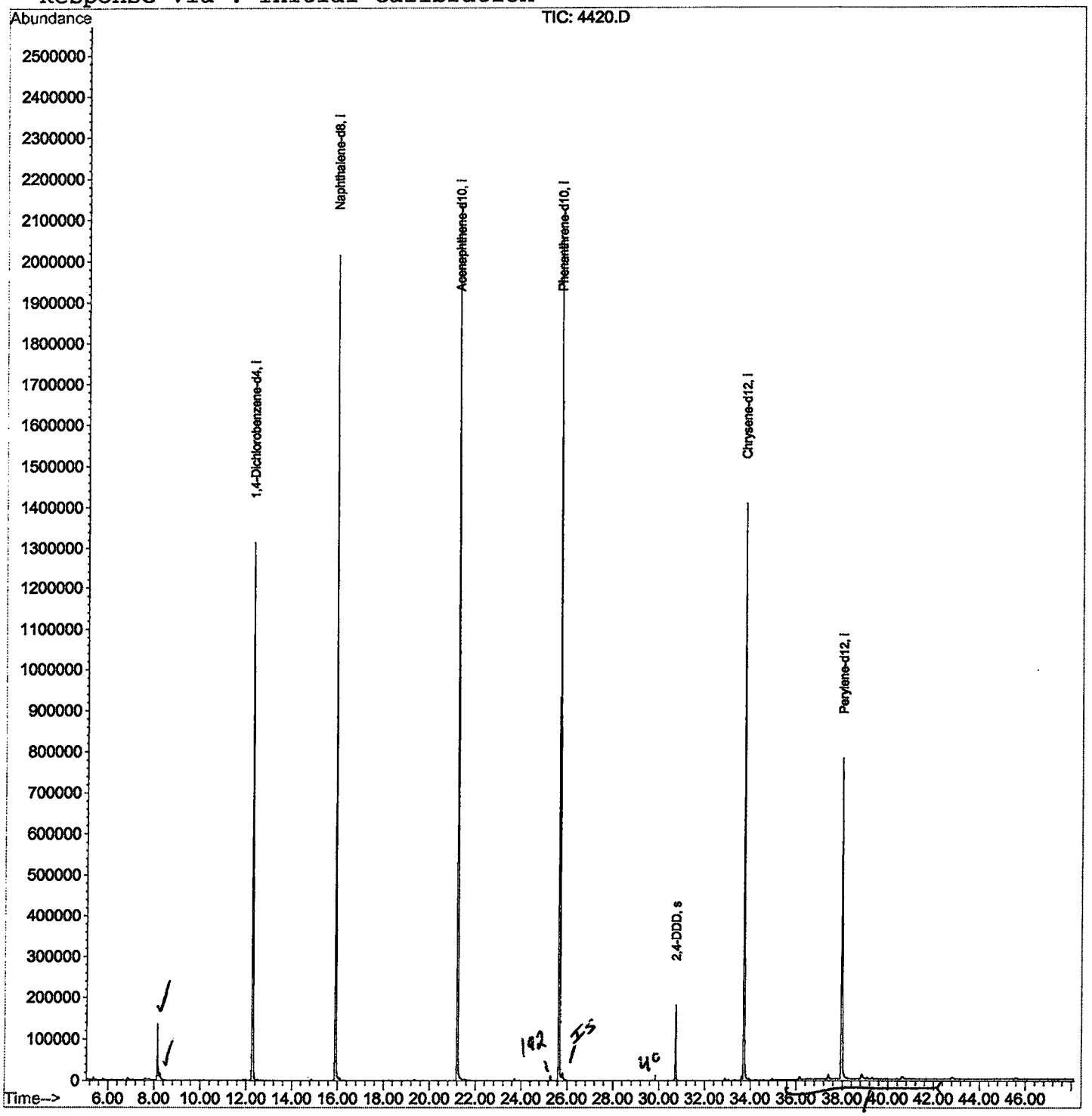
Acq On : 21 Mar 2002 9:08 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:07 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4420.D Vial: 11
Acq On : 21 Mar 2002 9:08 pm Operator:
Sample : gc/ms scan 3/1 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

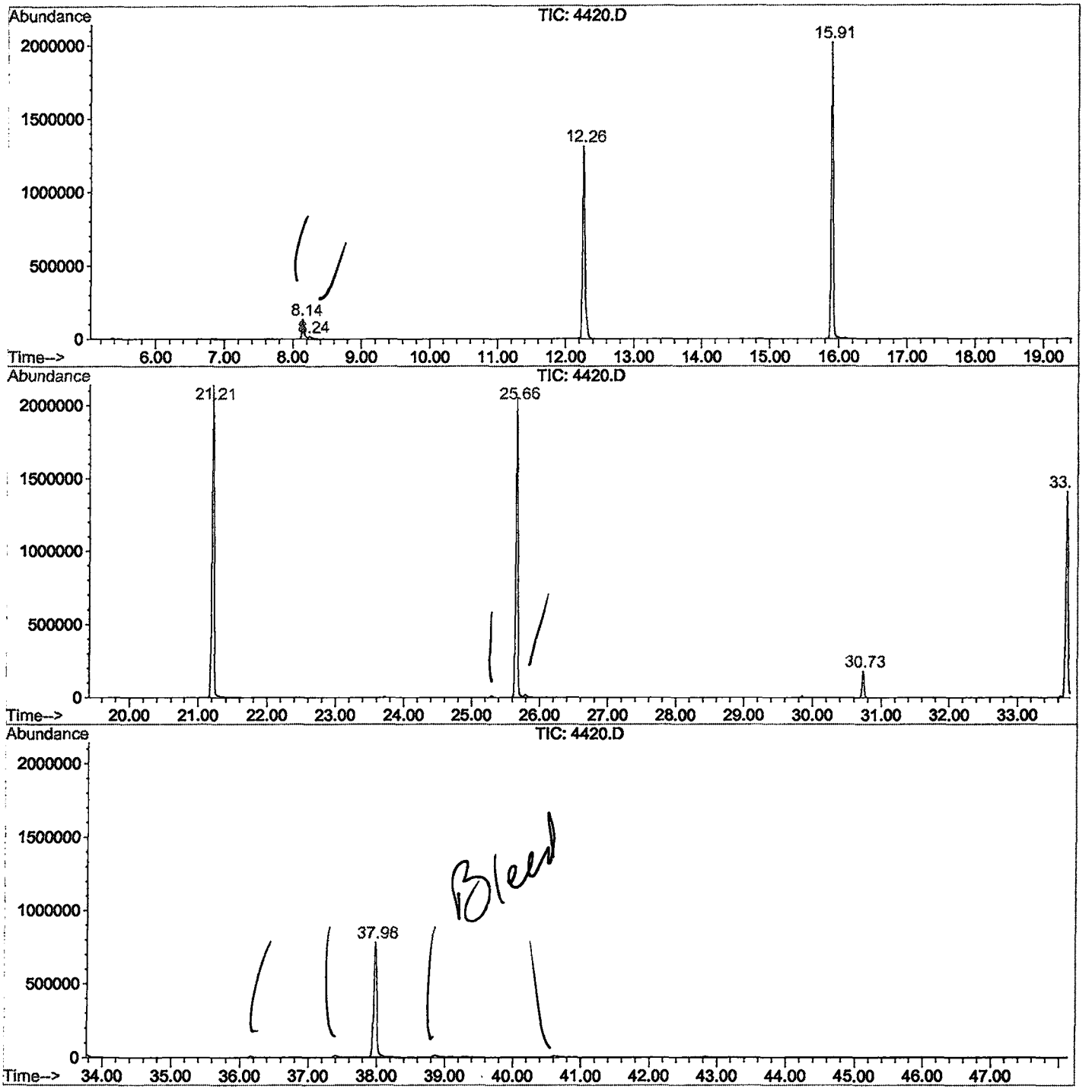
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.139	333	337	346	rBV	134578	302421	6.71%	1.351%
2	8.240	346	348	363	rVB	17300	54662	1.21%	0.244%
3	12.261	781	786	803	rVB	1312615	3060374	67.90%	13.667%
4	15.906	1177	1183	1196	rBV	2016717	4104940	91.07%	18.332%
5	21.212	1755	1761	1778	rBV	2140775	4507447	100.00%	20.130%
6	25.665	2239	2246	2256	rBV	2053169	4425065	98.17%	19.762%
7	30.732	2793	2798	2806	rVB	181382	353415	7.84%	1.578%
8	33.725	3117	3124	3141	rBV2	1406299	3237086	71.82%	14.457%
9	37.975	3578	3587	3603	rBV2	779388	2346479	52.06%	10.479%

Sum of corrected areas: 22391889

4420.D GCMS0308.M Fri Mar 22 09:42:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\4420.D
Operator :
Acquired : 21 Mar 2002 9:08 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 11
Quant File :GCMS0308.RES (RTE Integrator)



4420.D GCMS0308.M Fri Mar 22 09:42:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4420.D Vial: 11
Acq On : 21 Mar 2002 9:08 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

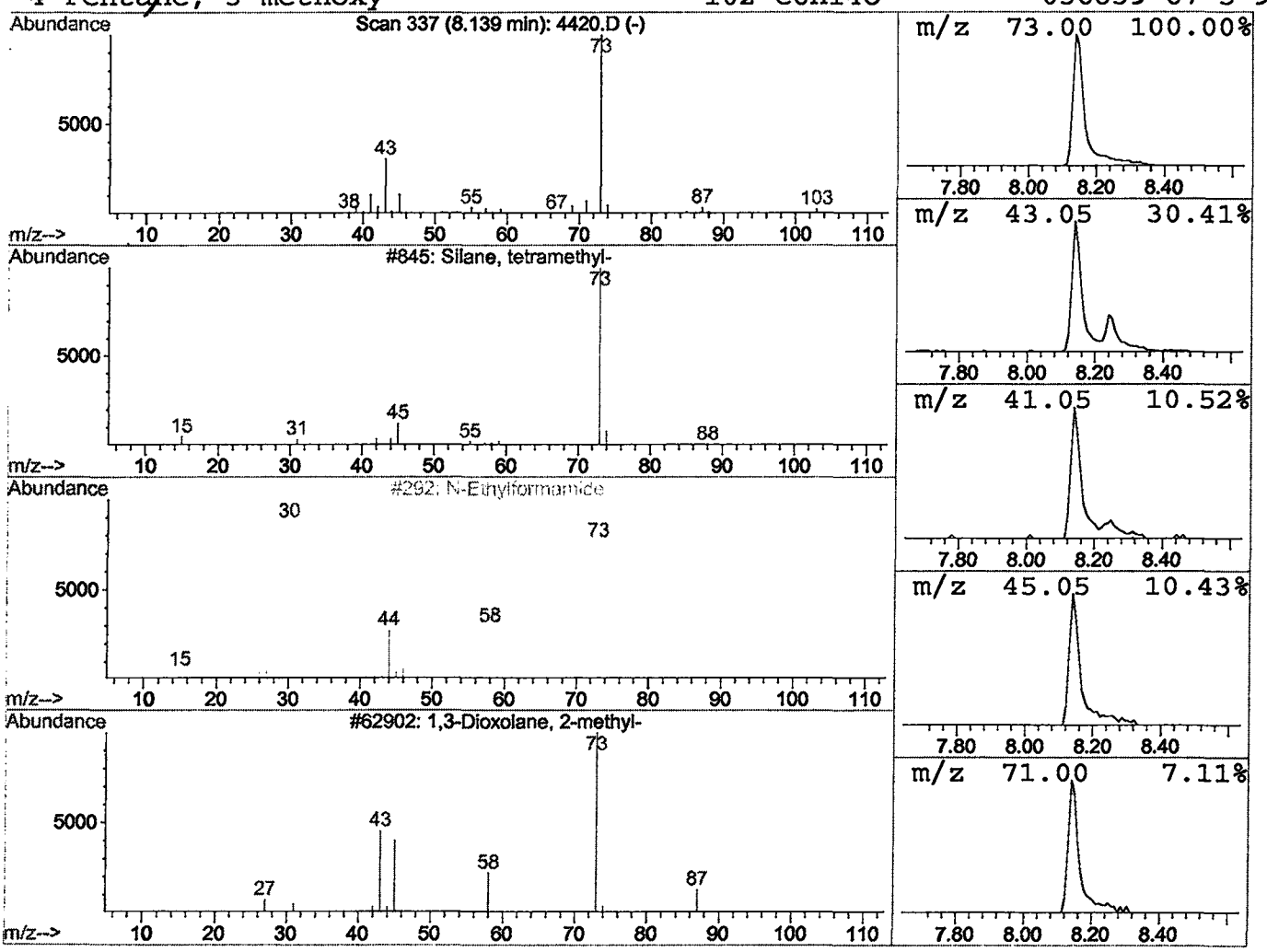
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.98 ug/l	302421	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4420.D
Acq On : 21 Mar 2002 9:08 pm
Sample : gc/ms scan 3/1
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator:
Inst : GC/MS 209
Multiplr: 1.00

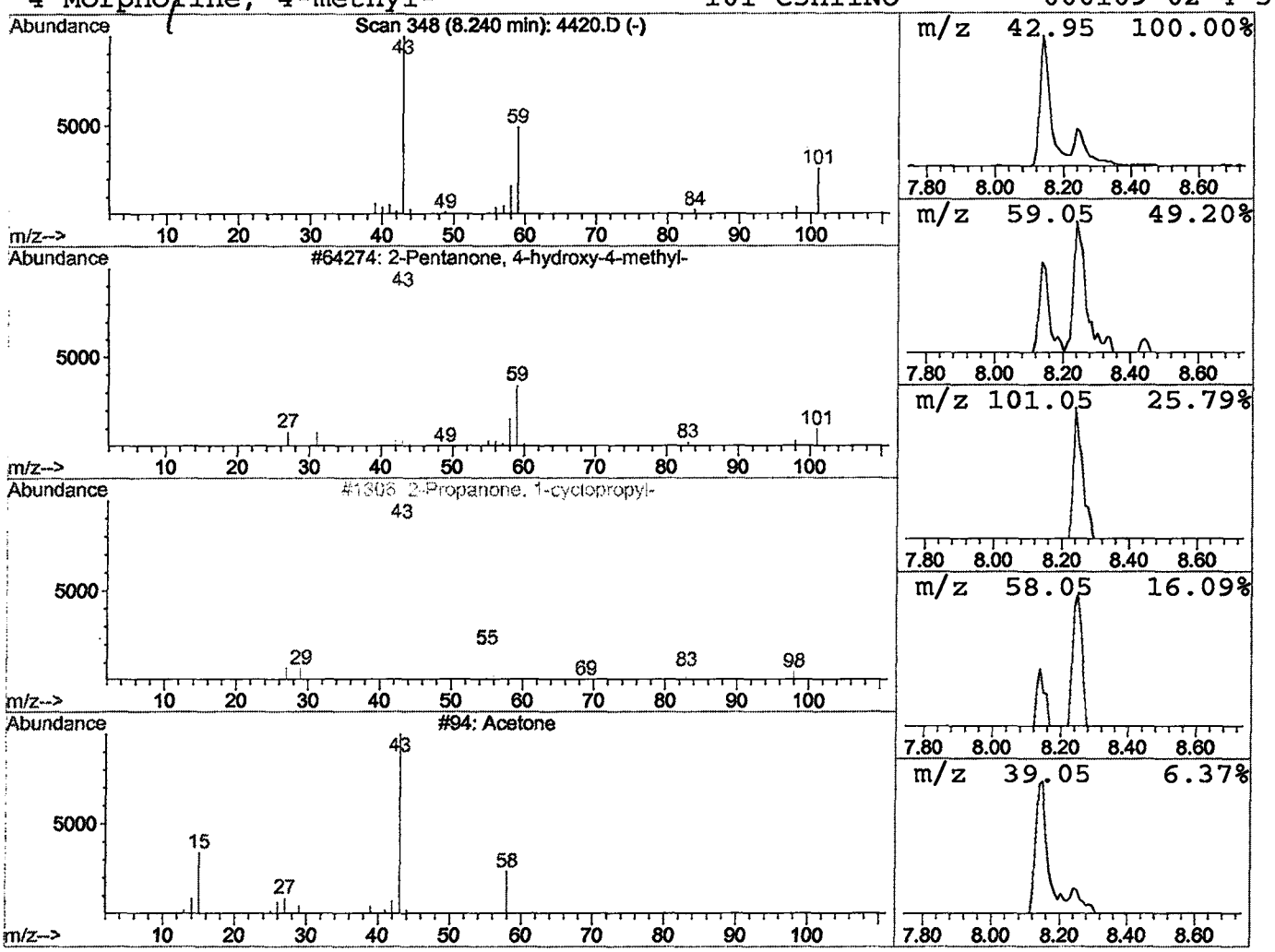
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.36 ug/l	54662	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
3	Acetone	58	C3H6O	000067-64-1	7
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 9:08 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\4420.D
Name: gc/ms scan 3/1
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
Silane, tetramethyl-	8.14	2.0	ug/l	302421	ISTD01	12.26	3060370	20.0
2-Pentanone, 4-hydro	8.24	0.4	ug/l	54662	ISTD01	12.26	3060370	20.0

4420.D GCMS0308.M Fri Mar 22 09:43:02 2002