

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:08:31

Sample: AE04731
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 11:08 Ended: 4/2/02 11:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		97		5.0

Comments for Sample AE04731 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:08:34

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were high.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\4731.D
 Acq On : 26 Mar 2002 9:35 pm
 Sample : gc/ms scan 3/4
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Mar 26 22:24 2002

Vial: 13
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Mar 26 14:13:06 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	582539	20.00 ug/l	-0.11
10) Naphthalene-d8	15.89	136	2190496	20.00 ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1181277	20.00 ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1672093	20.00 ug/l	-0.13
38) Chrysene-d12	33.69	240	876478	20.00 ug/l	-0.15
44) Perylene-d12	37.94	264	498288	20.00 ug/l	-0.18

System Monitoring Compounds

37) 2,4-DDD	30.71	235	89477	4.85 6.54 ug/mL	0.21
Spiked Amount	5.000		Recovery	= 130.80% 97%	

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	12.29	146	334	N.D.	
5) 1,4-Dichlorobenzene	12.29	146	334	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	359	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	22.68	149	698	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

4731.D GCMS0308.M Thu Mar 28 16:15:06 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\4731.D

Vial: 13

Acq On : 26 Mar 2002 9:35 pm

Operator: .

Sample : gc/ms scan 3/4

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 26 22:24 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Mar 26 14:13:06 2002

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	25.64	178	366	N.D.		
34) Anthracene	25.64	178	366	N.D.		
35) Di-n-butylphthalate	27.60	149	1777	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	33.70	228	2057	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.91	149	1413	N.D.		
43) Chrysene	33.70	228	2057	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	37.93	252	2046	N.D.		
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
50) Dibenzo(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

4731.D GCMS0308.M

Thu Mar 28 16:15:10 2002

Page 2

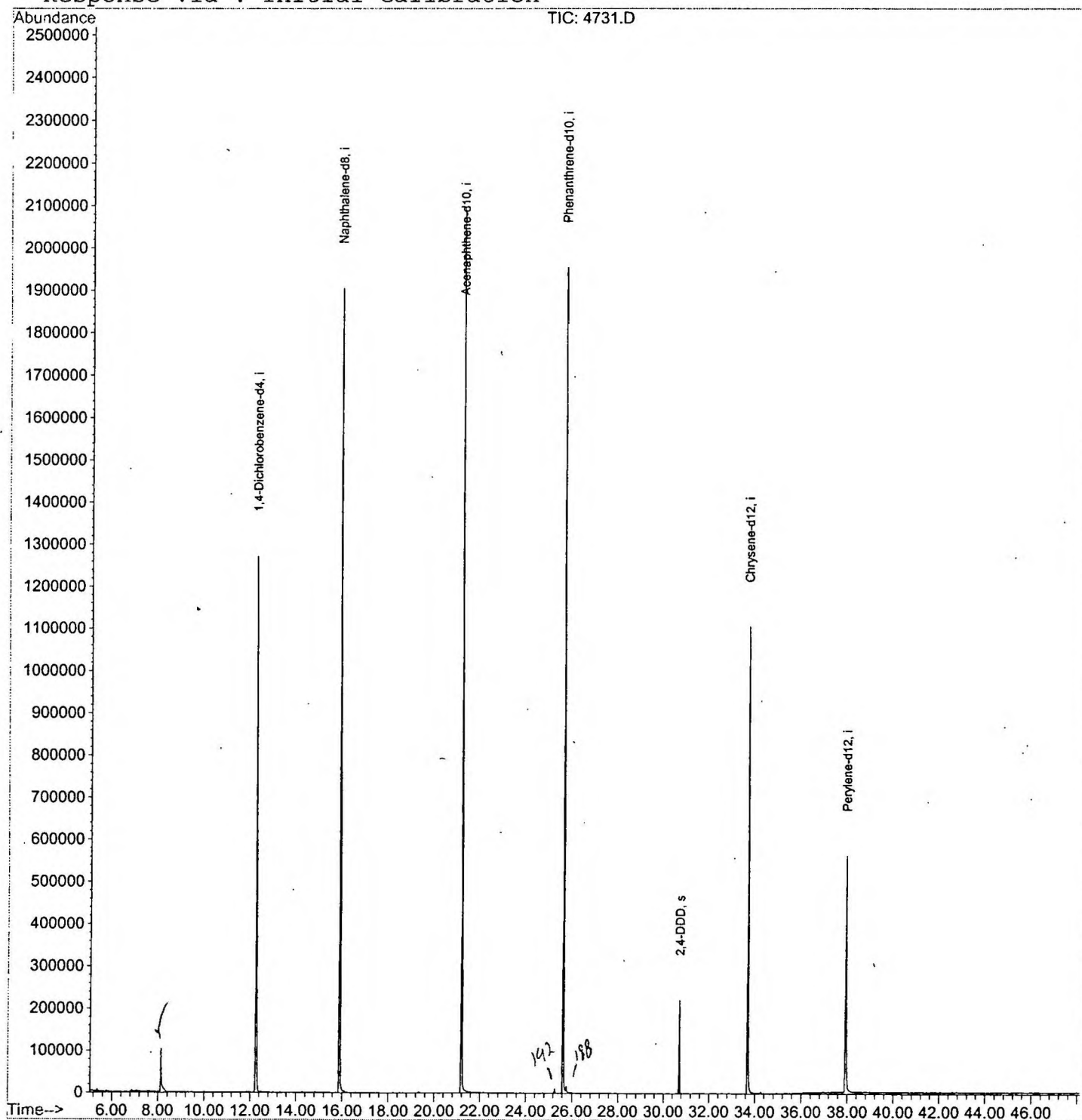
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4731.D
Acq On : 26 Mar 2002 9:35 pm
Sample : gc/ms scan 3/4
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 26 22:24 2002

Vial: 13
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4731.D

Vial: 13

Acq On : 26 Mar 2002 9:35 pm

Operator:

Sample : gc/ms scan 3/4

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	8.134	331	336	360	rBV	102946	297157	6.61%	1.425%
2	12.246	779	784	798	rVB	1270092	3131705	69.69%	15.023%
3	15.891	1174	1181	1199	rBV	1905296	4125459	91.80%	19.790%
4	21.197	1752	1759	1773	rBV	2098453	4493973	100.00%	21.558%
5	25.640	2236	2243	2254	rBV	1954708	4152151	92.39%	19.918%
6	30.708	2790	2795	2802	rVB	222049	430827	9.59%	2.067%
7	33.692	3113	3120	3136	rBV2	1106745	2529778	56.29%	12.136%
8	37.942	3574	3583	3598	rBV2	560885	1684961	37.49%	8.083%

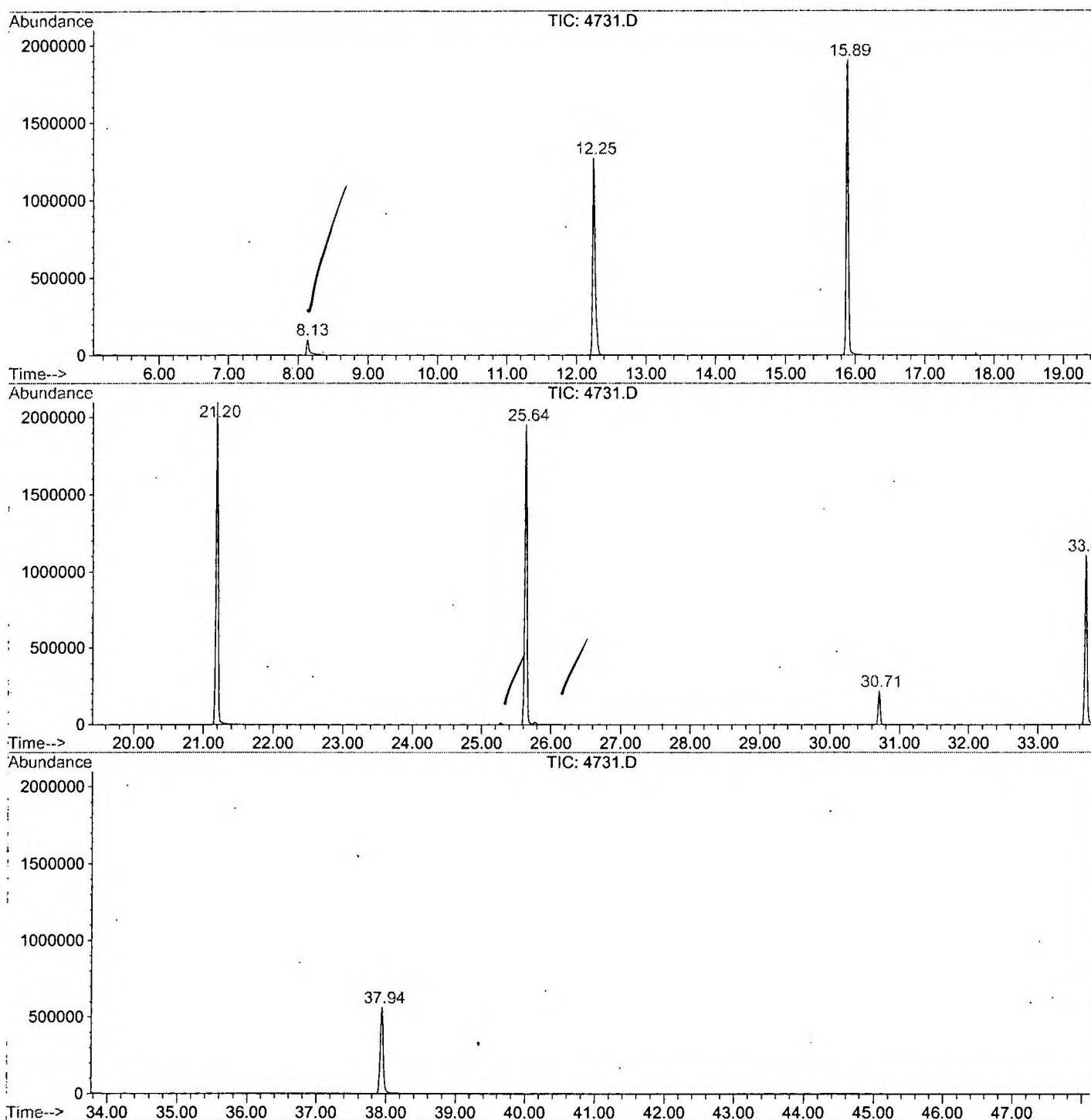
Sum of corrected areas: 20846011

4731.D GCMS0308.M

Thu Mar 28 16:32:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4731.D
 Operator :
 Acquired : 26 Mar 2002 9:35 pm using AcqMethod GCMS0308
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 3/4
 Misc Info :
 Vial Number: 13
 Quant File :GCMS0308.RES (RTE Integrator)



4731.D GCMS0308.M

Thu Mar 28 16:32:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4731.D

Vial: 13

Acq On : 26 Mar 2002 9:35 pm

Operator:

Sample : gc/ms scan 3/4

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

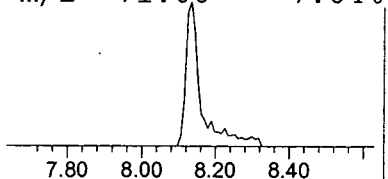
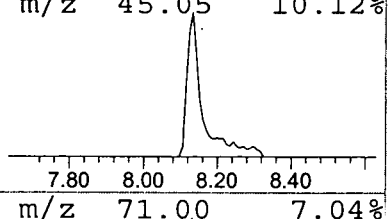
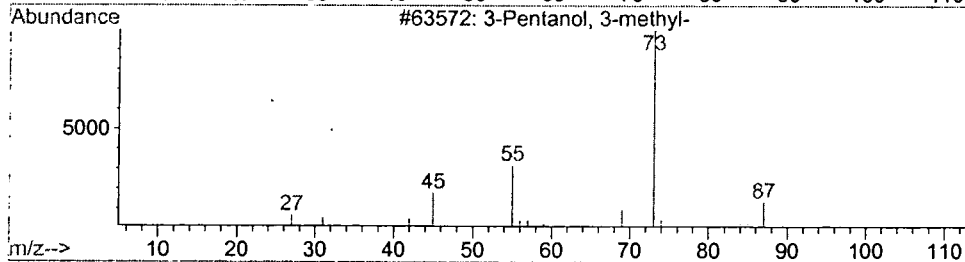
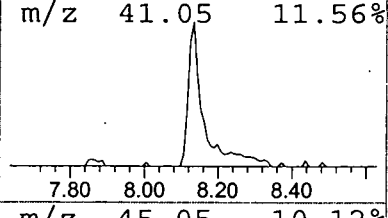
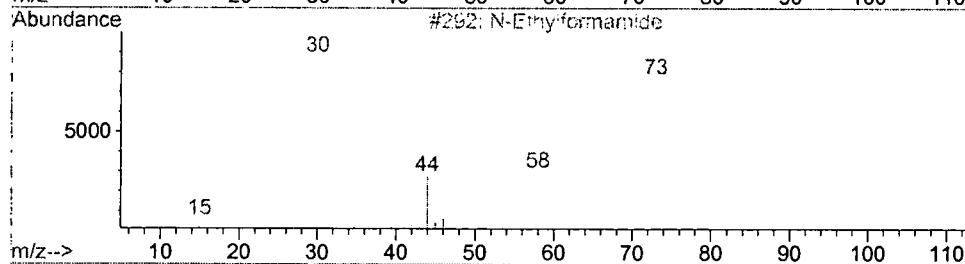
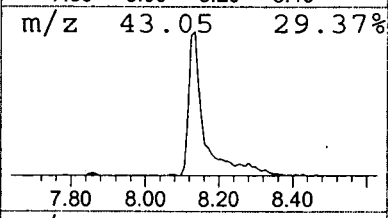
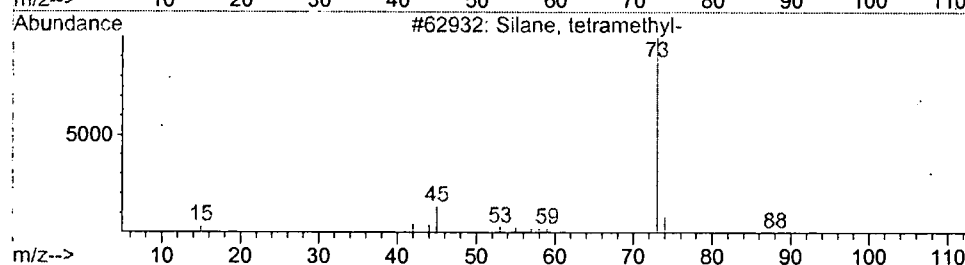
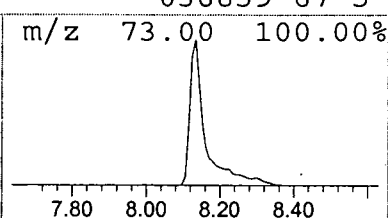
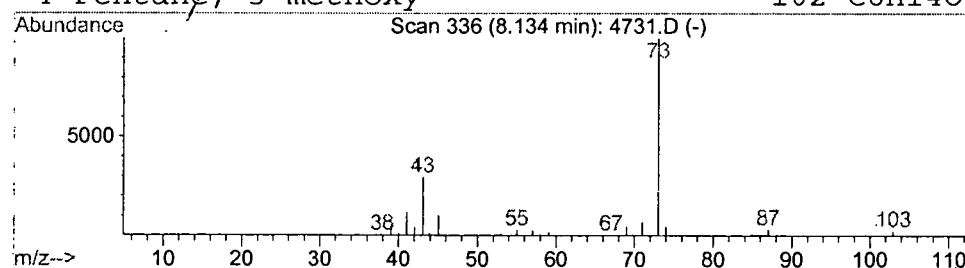
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.90 ug/l	297157	1,4-Dichlorobenzene-d4	12.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 9:35 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4731.D
Name: gc/ms scan 3/4
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	8.13	1.9	ug/l	297157	ISTD01	12.25	3131710	20.0

4731.D GCMS0308.M Thu Mar 28 16:32:39 2002