

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 16:04:15

Sample: AD31365
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 16:04 Ended: 2/7/02 16:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AD31365 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-07-2002 Time: 16:04:18

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

The recoveries for 6 of the 43 compounds were above their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31365.D
 Acq On : 16 Jan 2002 7:30 am
 Sample : gc/ms scan 12/26
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Feb 4 14:42 2002

Vial: 22
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Jan 22 11:56:23 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	740924	20.00	ug/l	-0.20
10) Naphthalene-d8	15.10	136	2924346	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.36	164	1503481	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	1995304	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1145441	20.00	ug/l	-0.24
44) Perylene-d12	36.86	264	742897	20.00	ug/l	-0.26

System Monitoring Compounds

37) 2,4-DDD	29.85	235	115556	5.27	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	105.40%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.15	74	128	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	15.15	128	1390	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	20.66	165	217	N.D.	
25) Diethylphthalate	21.88	149	455	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
28) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.	

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

31365.D GCMS1126.M Mon Feb 04 14:43:47 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31365.D

Vial: 22

Acq On : 16 Jan 2002 7:30 am

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Feb 4 14:42 2002

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Jan 22 11:56:23 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

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	24.77	178	995	N.D.		
34) Anthracene	24.77	178	995	N.D.		
35) Di-n-butylphthalate	26.80	149	9661	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	32.80	228	2793	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.10	149	3533	N.D.		
43) Chrysene	32.80	228	2793	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	36.86	252	2952	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

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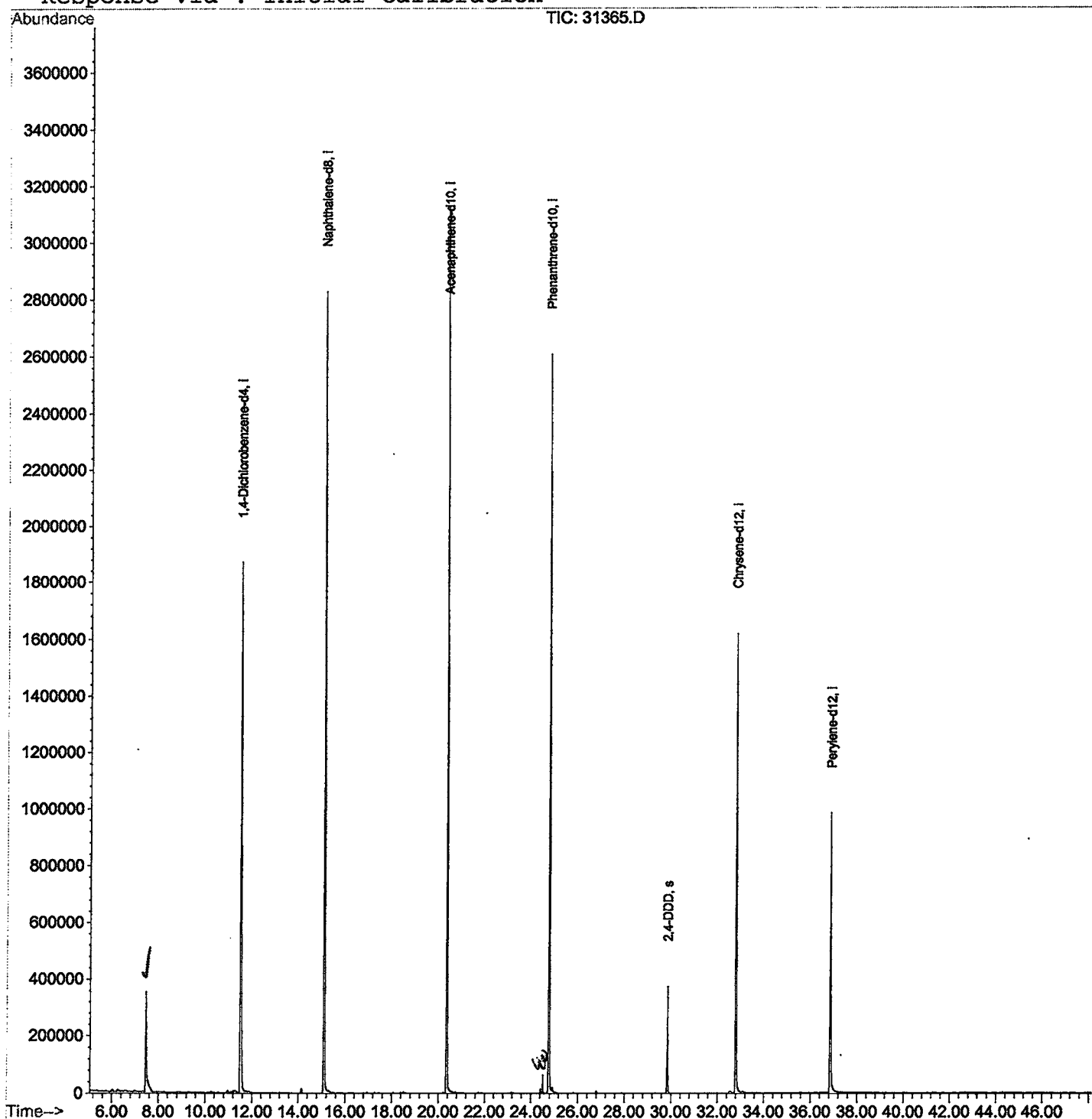
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31365.D
Acq On : 16 Jan 2002 7:30 am
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 4 14:42 2002

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31365.D

Vial: 22

Acq On : 16 Jan 2002 7:30 am

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.450	258	262	297	rVB	350088	1050064	16.52%	3.399%
2	11.498	698	703	721	rBV	1870258	4718504	74.23%	15.275%
3	15.097	1089	1095	1114	rBV	2827757	5998844	94.37%	19.420%
4	20.357	1662	1668	1688	rBV	3130276	6356958	100.00%	20.579%
5	24.773	2143	2149	2162	rBV2	2607447	5619355	88.40%	18.191%
6	29.850	2697	2702	2711	rBV	374846	729699	11.48%	2.362%
7	32.797	3017	3023	3040	rBV2	1616813	3669065	57.72%	11.878%
8	36.863	3459	3466	3490	rBV	982238	2748302	43.23%	8.897%

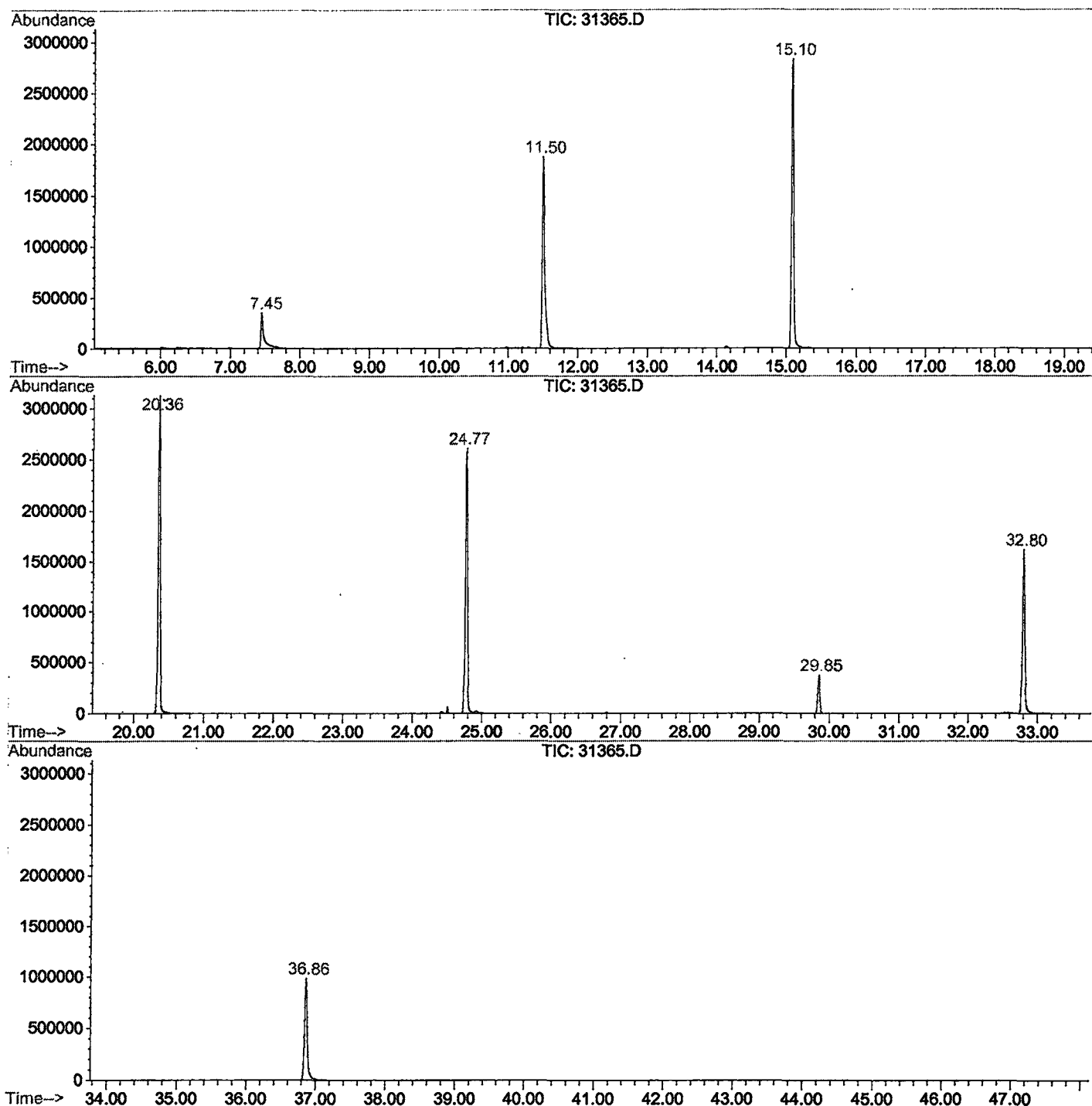
Sum of corrected areas: 30890791

31365.D GCMS1126.M

Mon Feb 04 15:04:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31365.D
 Operator : 209 GALOS
 Acquired : 16 Jan 2002 7:30 am using AcqMethod GCMS0103
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 12/26
 Misc Info :
 Vial Number: 22
 Quant File :GCMS1126.RES (RTE Integrator)



31365.D GCMS1126.M

Mon Feb 04 15:04:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31365.D
Acq On : 16 Jan 2002 7:30 am
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

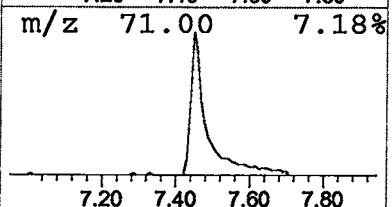
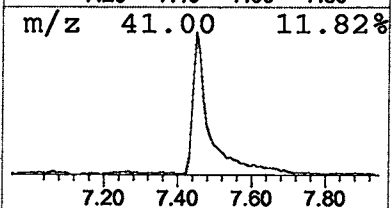
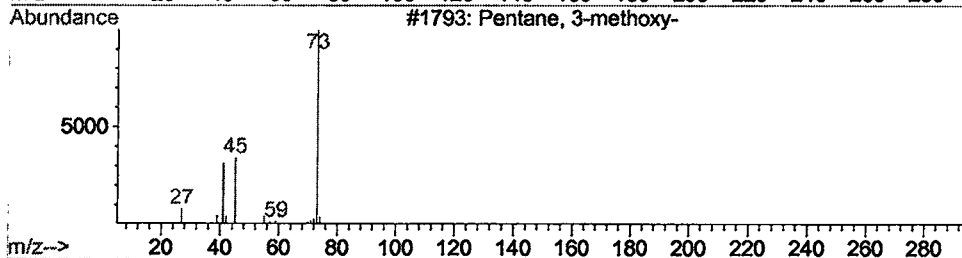
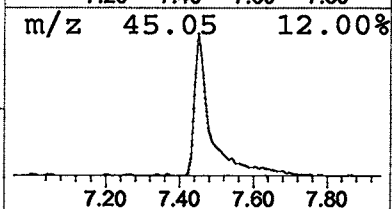
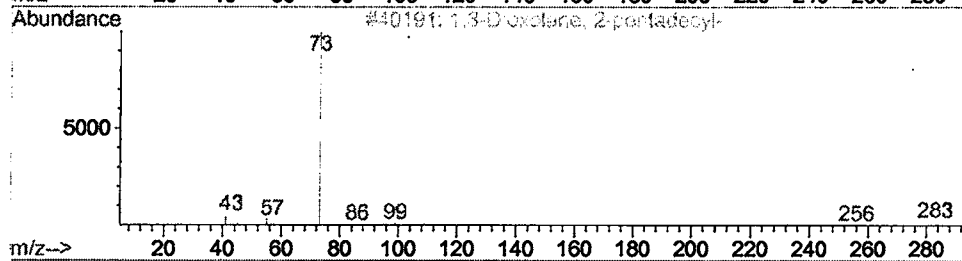
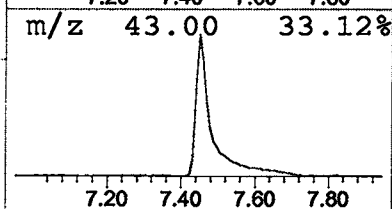
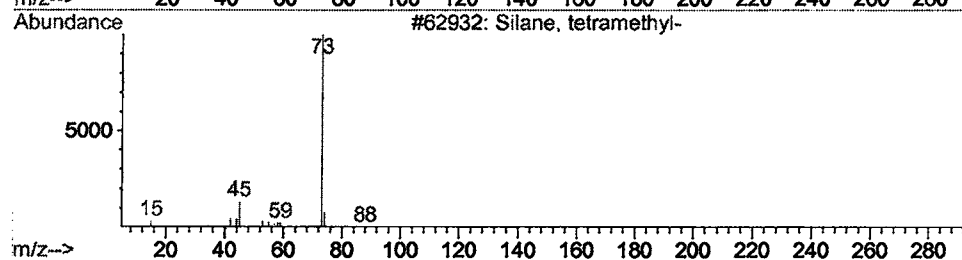
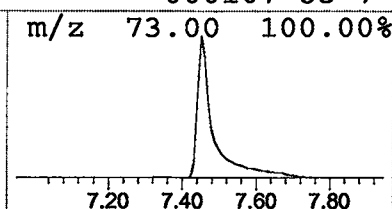
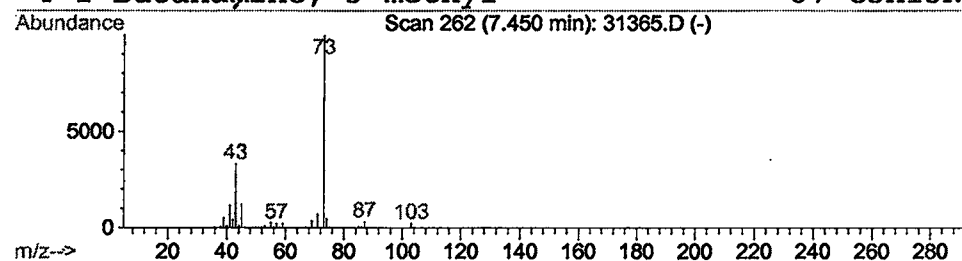
Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.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.
7.45	4.45 ug/l	1050060	1,4-Dichlorobenzene-d4	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2		1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 7:30 am
Data File: C:\HPCHEM\1\DATA\JAN1502\31365.D
Name: gc/ms scan 12/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-	7.45	4.5	ug/l	1050060	ISTD01	11.50	4718500	20.0

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