User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 16:08:41

Sample: AD31549
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 16:08 Ended: 2/27/02 16:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AD31549 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 16:08:45

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31549.D Vial: 33
Acq On : 22 Feb 2002 10:41 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:19 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	289938	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1120602	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	582492	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	829068	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	566513	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	386106	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	48242	5.03	ug/mL	0.31
Spiked Amount 5.000			Recovery = 100.60%			
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	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	16.03	128	254	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	22.77	149	445	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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Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.80	178	442	N.D.	
34)	Anthracene	25.93	178	183	N.D.	
35)	Di-n-butylphthalate	27.70	149	1068	N.D.	
36)	Fluoranthene	29.43	202	121	N.D.	
39)	Pyrene	30.10	202	281	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.80	228	2018	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	1370	N.D.	
43)	Chrysene	33.88	228	727	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.86	252	187	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.09	252	1454	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.	

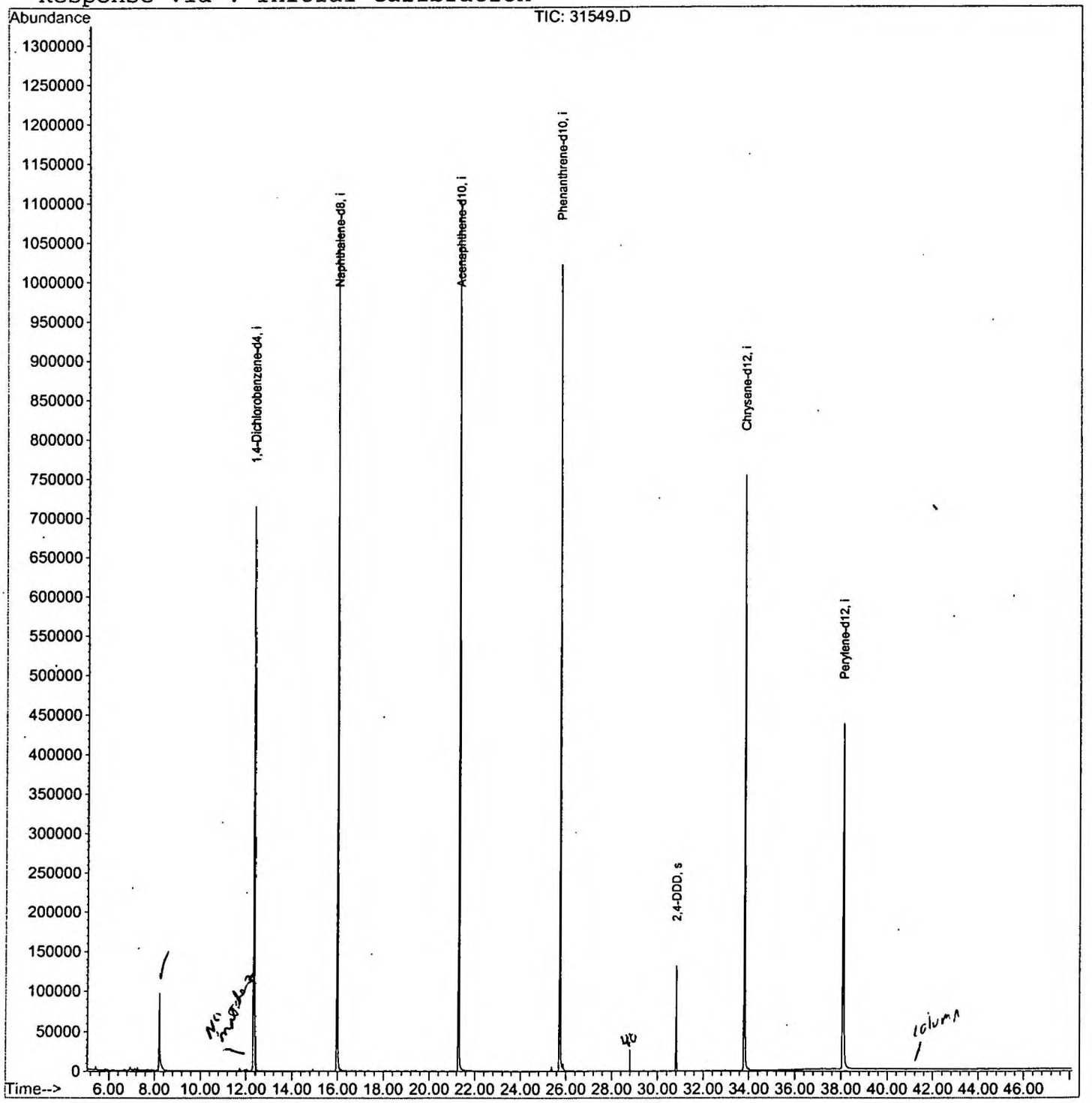
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31549.D
Acq On : 22 Feb 2002 10:41 pm
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:19 2002

Vial: 33
Operator:
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31549.D Vial: 33
Acq On : 22 Feb 2002 10:41 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

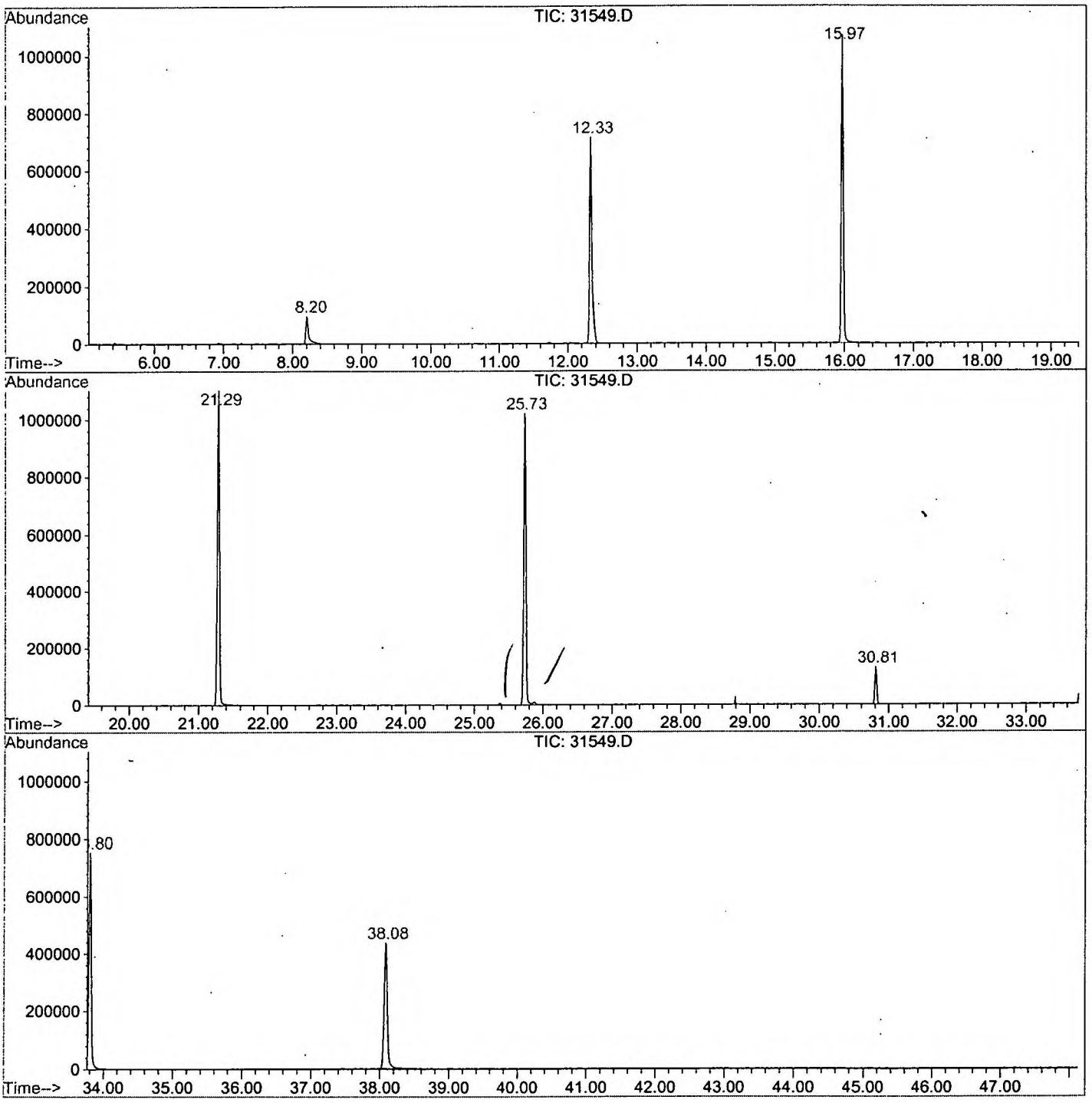
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	361	rBV	96728	264787	11.38%	2.195%
2	12.329	789	794	810	rVB	714264	1675997	72.01%	13.892%
3	15.974	1185	1191	1207	rBV	1068415	2202985	94.66%	18.261%
4	21.289	1763	1770	1783	rBV	1103698	2327339	100.00%	19.291%
5	25.732	2248	2254	2266	rBV2	1022156	2212176	95.05%	18.337%
6	30.809	2802	2807	2813	rVB	131552	258175	11.09%	2.140%
7	33.802	3126	3133	3152	rBV2	754344	1746146	75.03%	14.474%
8	38.080	3591	3599	3617	rBV2	436033	1376591	59.15%	11.411%

Sum of corrected areas: 12064196

31549.D GCMS0208.M Wed Feb 27 12:00:55 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31549.D
Operator :
Acquired : 22 Feb 2002 10:41 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 33
Quant File :GCMS0208.RES (RTE Integrator)



31549.D GCMS0208.M Wed Feb 27 12:01:01 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31549.D Vial: 33
Acq On : 22 Feb 2002 10:41 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

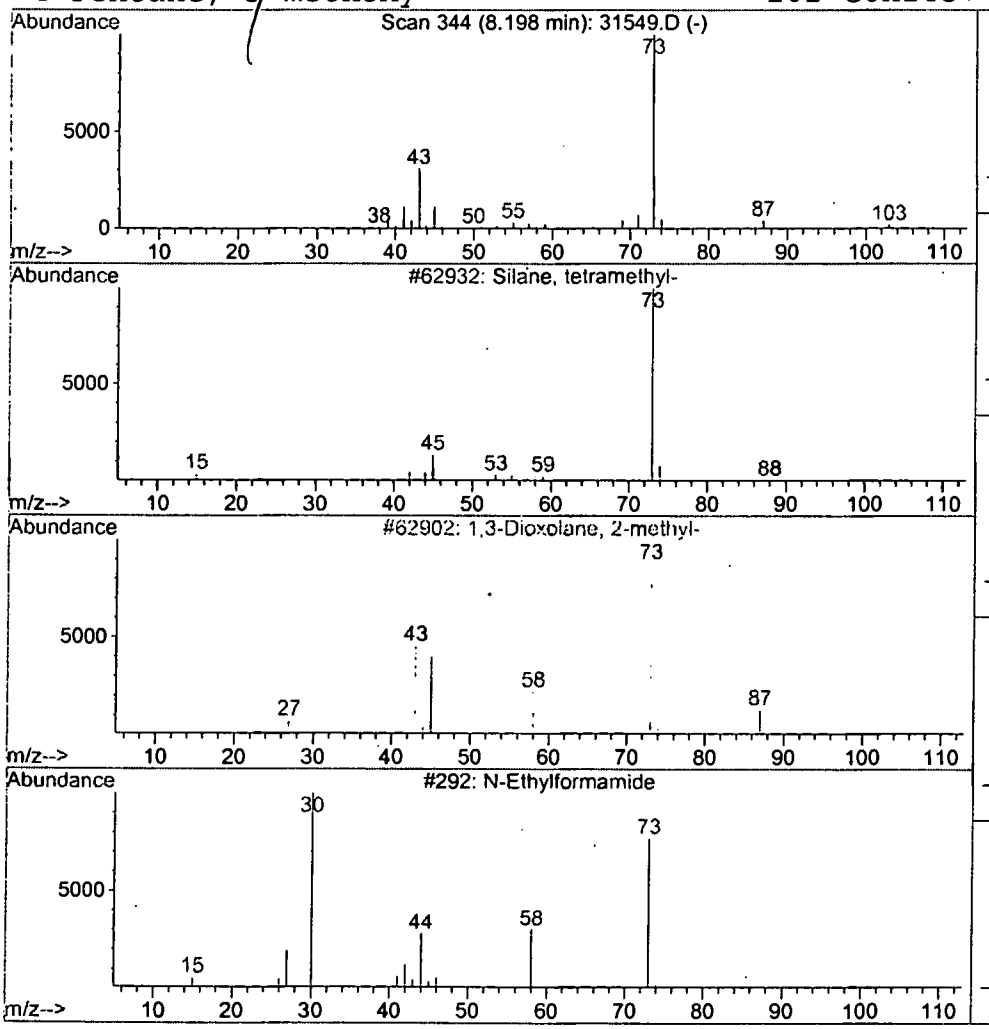
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

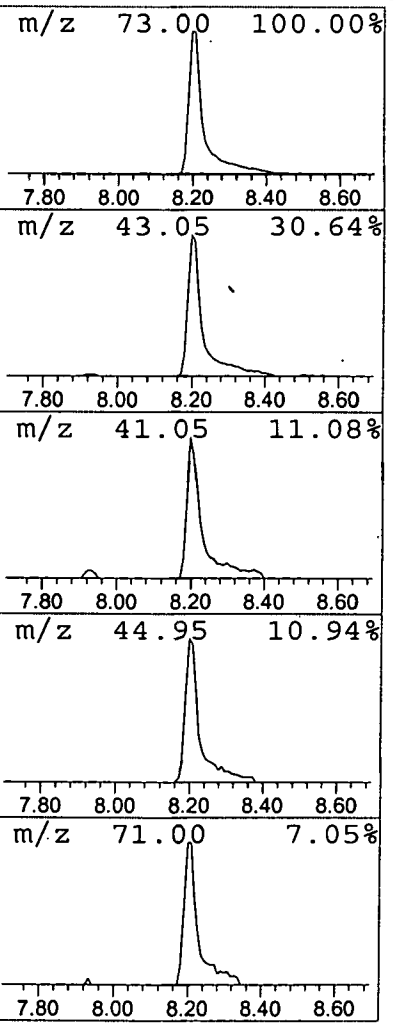
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.16 ug/l	264787	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 10:41 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\31549.D
Name: gc/ms scan 2/21
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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-~~	8.20	3.2	ug/l	264787	ISTD01	12.33	1676000	20.0

31549.D GCMS0208.M Wed Feb 27 12:01:09 2002