Comments for Sample AD26473 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:33:36

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu, reveals the presence of N,4-dimethylbenzenesulfonamide at an estimated level of 0.49 ug/L and with a fit of 83 out of 100. The Field Blank for this sample was clean.

reanalyzed
clean

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:33:42

Sample: AD26473
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:00 Ended: 12/4/01 15:00 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\26473.D
Acq On : 16 Dec 2001 8:42 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:17 2002

26473 FB

Vial: 44
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 : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	695894	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	2631127	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1289307	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	1910957	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1158302	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	708901	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	98720	4.70	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	534	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	15.33	128	691	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	20.91	165	320	N.D.		
25) Diethylphthalate	22.14	149	181	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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Acq On : 16 Dec 2001 8:42 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:17 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	24.97	178	561	N.D.	
34)	Anthracene	24.97	178	561	N.D.	
35)	Di-n-butylphthalate	27.01	149	2529	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	33.00	228	2600	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	33802	0.48 ug/l	92
43)	Chrysene	33.00	228	2600	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	37.10	252	3103	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 : 16 Dec 2001 8:42 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:17 2002

Vial: 44
Operator: 209 GALOS
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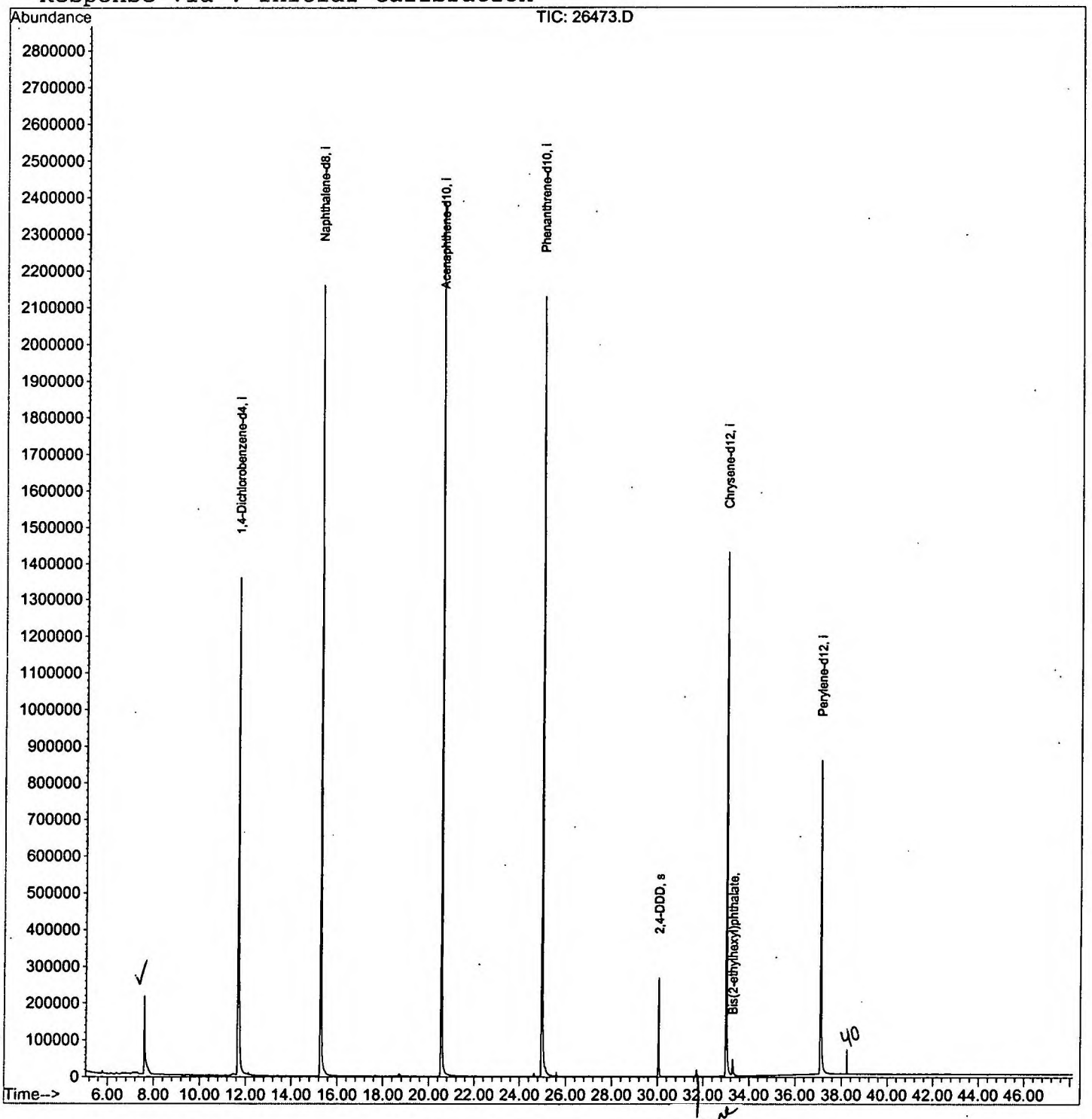
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26473.D Vial: 44
Acq On : 16 Dec 2001 8:42 am Operator: 209 GALOS
Sample : gcms scan 12/11 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

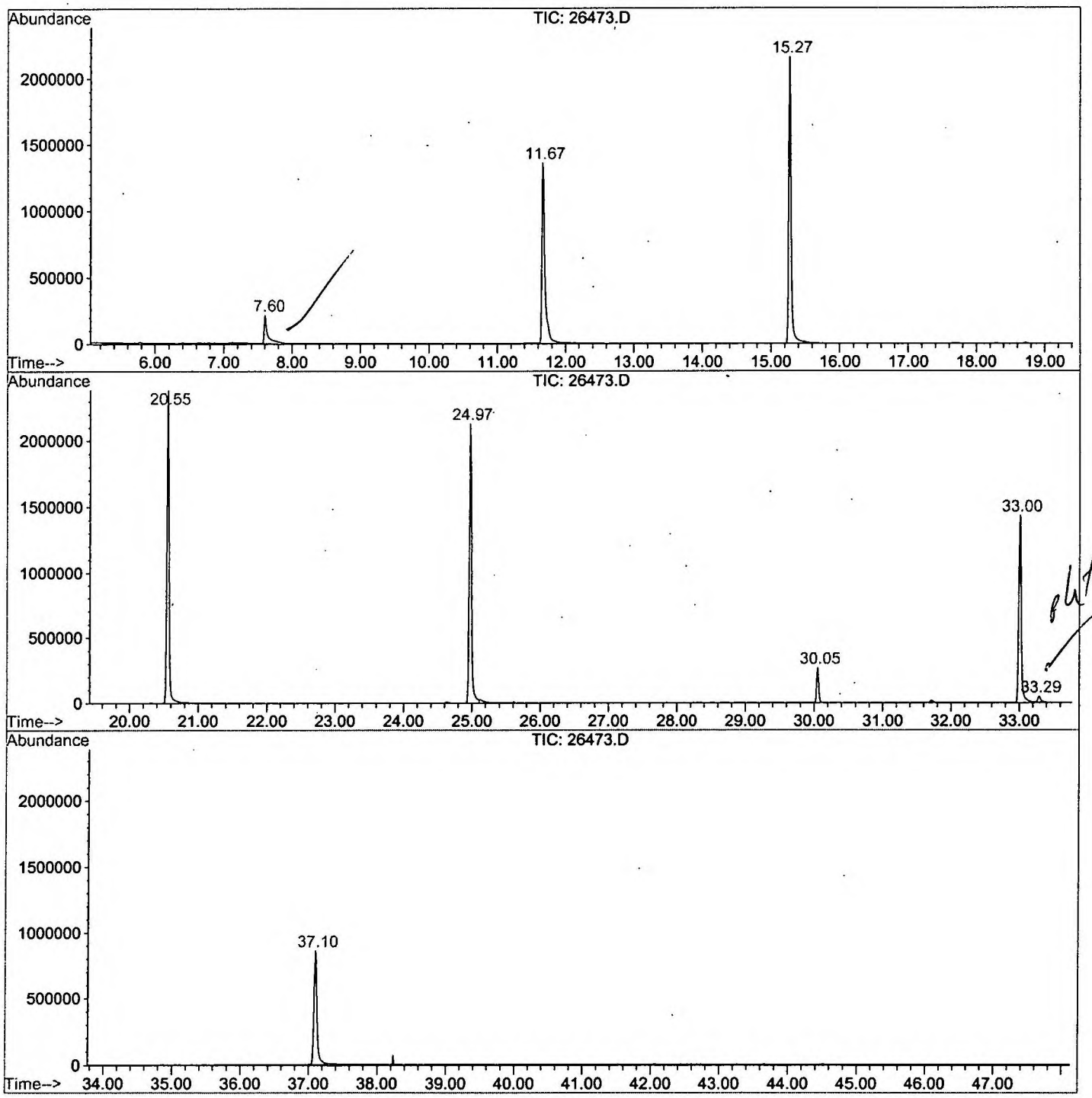
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	299	rBV	212194	703598	13.01%	2.596%
2	11.666	716	721	753	rBV	1356307	3981412	73.62%	14.688%
3	15.274	1109	1114	1135	rBV	2157927	5056517	93.50%	18.654%
4	20.553	1682	1689	1711	rBV	2388074	5407980	100.00%	19.951%
5	24.969	2164	2170	2185	rBV2	2128946	5003377	92.52%	18.458%
6	30.055	2718	2724	2735	rBV	267351	563146	10.41%	2.078%
7	33.002	3039	3045	3071	rBV2	1429265	3691937	68.27%	13.620%
8	33.286	3071	3076	3085	rVV	42772	117436	2.17%	0.433%
9	37.096	3484	3491	3513	rBV2	854787	2581056	47.73%	9.522%

Sum of corrected areas: 27106459

26473.D GCMS1126.M Wed Jan 30 11:46:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\26473.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 8:42 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 44
Quant File :GCMS1126.RES (RTE Integrator)



26473.D GCMS1126.M Wed Jan 30 11:46:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\26473.D
Acq On : 16 Dec 2001 8:42 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 44
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

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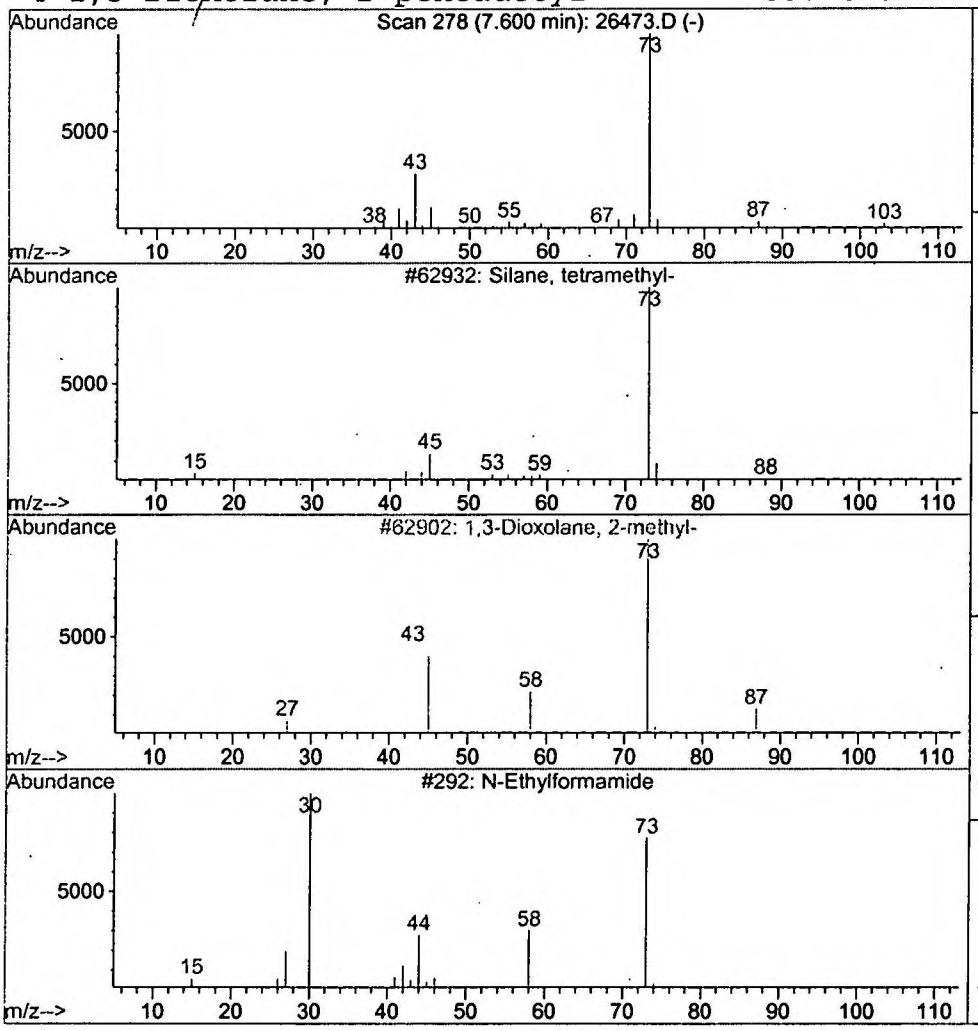
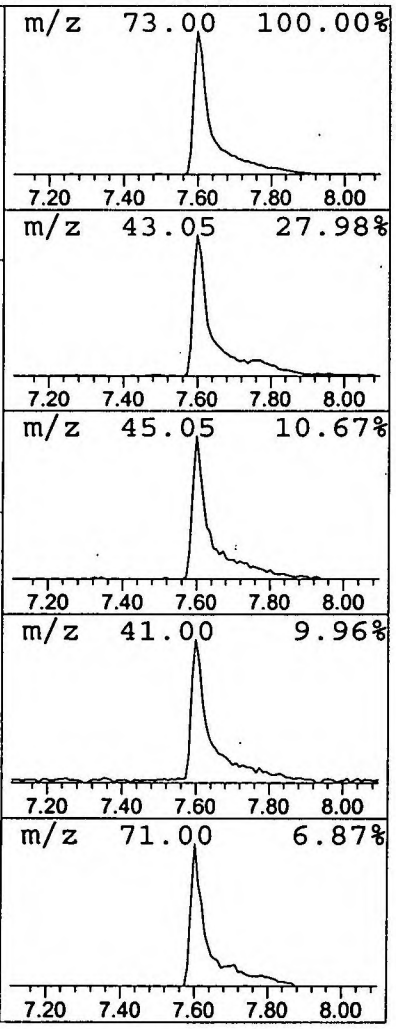
Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.53 ug/l	703598	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 8:42 am
Data File: C:\HPCHEM\1\DATA\DEC1401\26473.D
Name: gcms scan 12/11
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-~~	7.60	3.5	ug/l	703598	ISTD01	11.67	3981410	20.0

26473.D GCMS1126.M Wed Jan 30 11:46:17 2002

Column Used