User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:44:18

Sample: AE03259
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:38 Ended: 4/3/02 12:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		5.0

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Comments for Sample AE03259 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:44:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low.

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03259.D Vial: 26
Acq On : 2 Mar 2002 9:36 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:58:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1572994	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4098255	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2260785	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3405397	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3020472	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1980613	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	182937	3.38	ug/L	0.00
Spiked Amount 5.000			Recovery = 67.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.30	74	14047	0.30	ug/L	100
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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.	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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	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.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.67	149	91413	0.40	ug/L	98
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) antracene	30.33	228	7871	N.D.		
42) Bis (2-ethylhexyl) phthala	30.94	149	2698	N.D.		
43) Chrysene	30.33	228	7871	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

3.6/5 = 73%

(#) = qualifier out of range (m) = manual integration
03259.D 5080202.M Wed Apr 03 05:58:37 2002 Page 1

NYC-WTC_000011300

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03259.D Vial: 26
Acq On : 2 Mar 2002 9:36 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:58:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	34.21	252	7646	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
03259.D 5080202.M Wed Apr 03 05:58:37 2002 Page 2

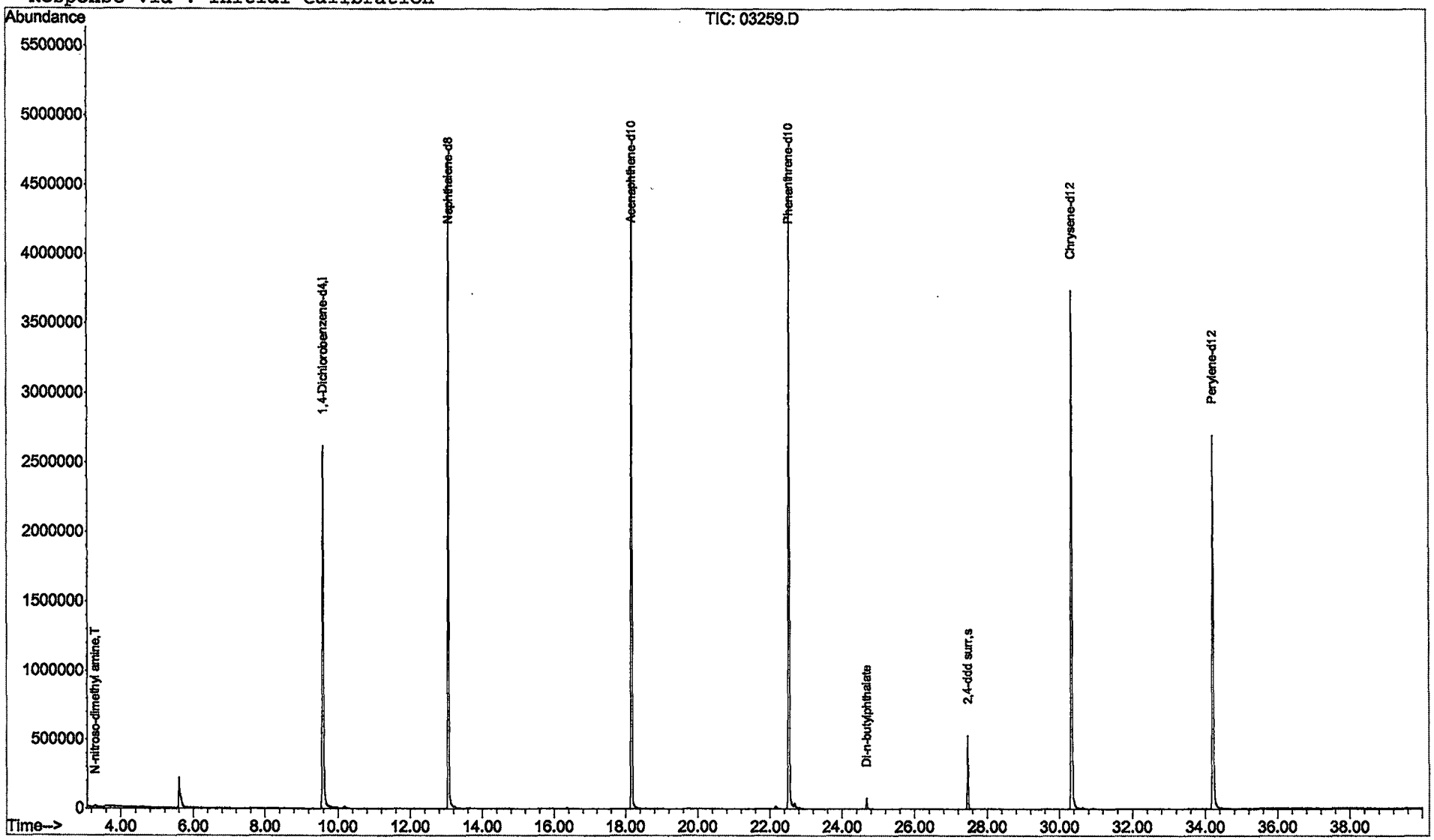
NYC-WTC_000011301

NYC-WTC_000011302

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\DATA\022802\03259.D Vial: 26
Acq On : 2 Mar 2002 9:36 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 3 5:58 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03259.D Vial: 26
Acq On : 2 Mar 2002 9:36 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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	corr. area	corr. % max.	% of total
1	5.588	274	277	299	rBV	217643	704926	7.49%	1.370%
2	9.579	711	717	735	rBV	2615334	6584849	69.96%	12.798%
3	13.053	1094	1100	1115	rBV	4692594	8851181	94.03%	17.203%
4	18.160	1657	1663	1675	rBV	4630875	9412776	100.00%	18.295%
5	22.523	2137	2144	2158	rBV2	4473219	9373047	99.58%	18.217%
6	24.672	2376	2381	2388	rBV	76322	140336	1.49%	0.273%
7	27.457	2683	2688	2696	rBV	530444	968427	10.29%	1.882%
8	30.332	2998	3005	3027	rBV2	3734396	8856044	94.09%	17.213%
9	34.214	3425	3433	3455	rBV	2694129	6559214	69.68%	12.749%

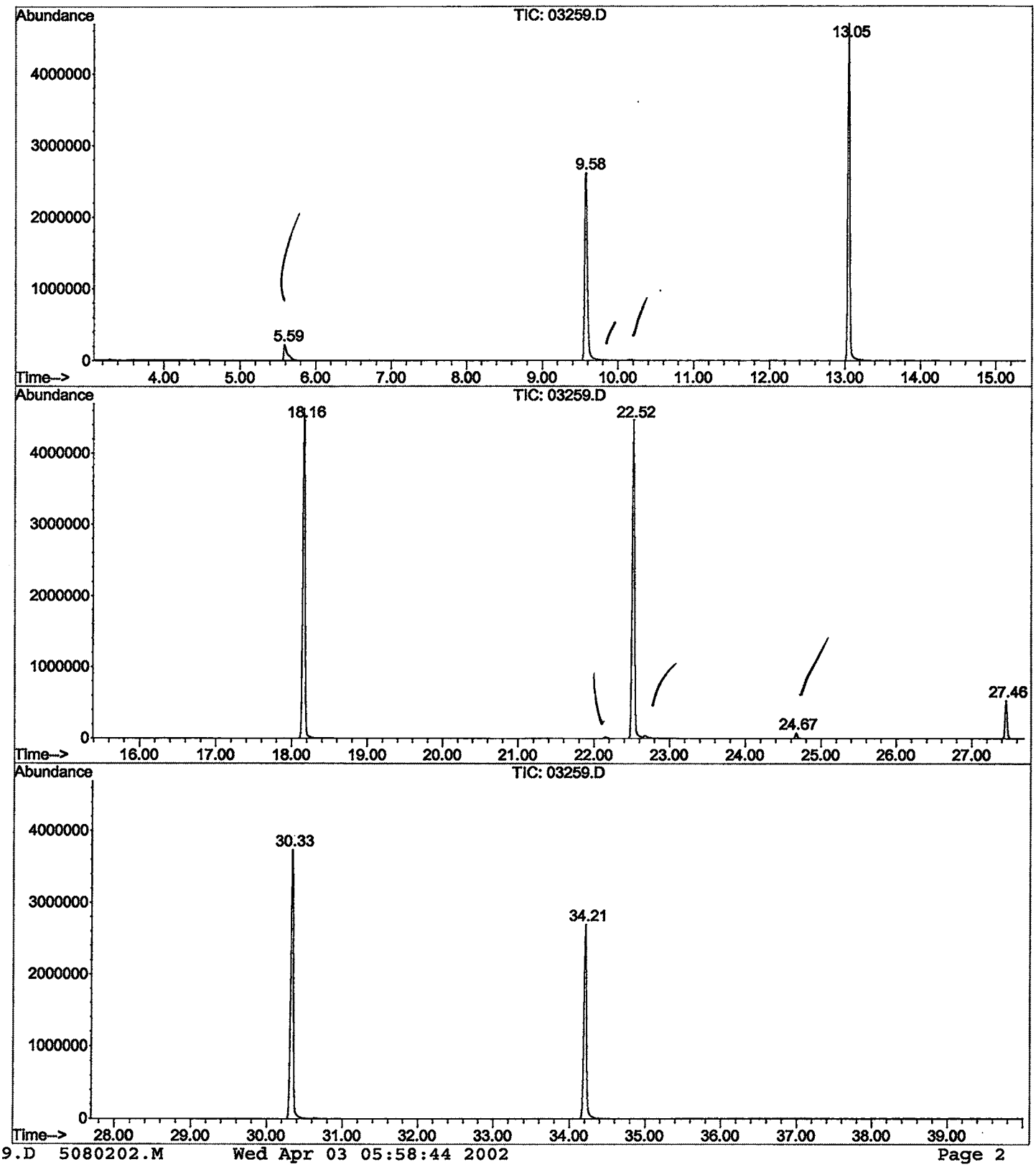
Sum of corrected areas: 51450800

NYC-WTC_000011303

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03259.D
Operator : McLean
Acquired : 2 Mar 2002 9:36 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 26
Quant File :5080202.RES (RTE Integrator)



NYC-WTC_000011304

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03259.D Vial: 26
Acq On : 2 Mar 2002 9:36 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

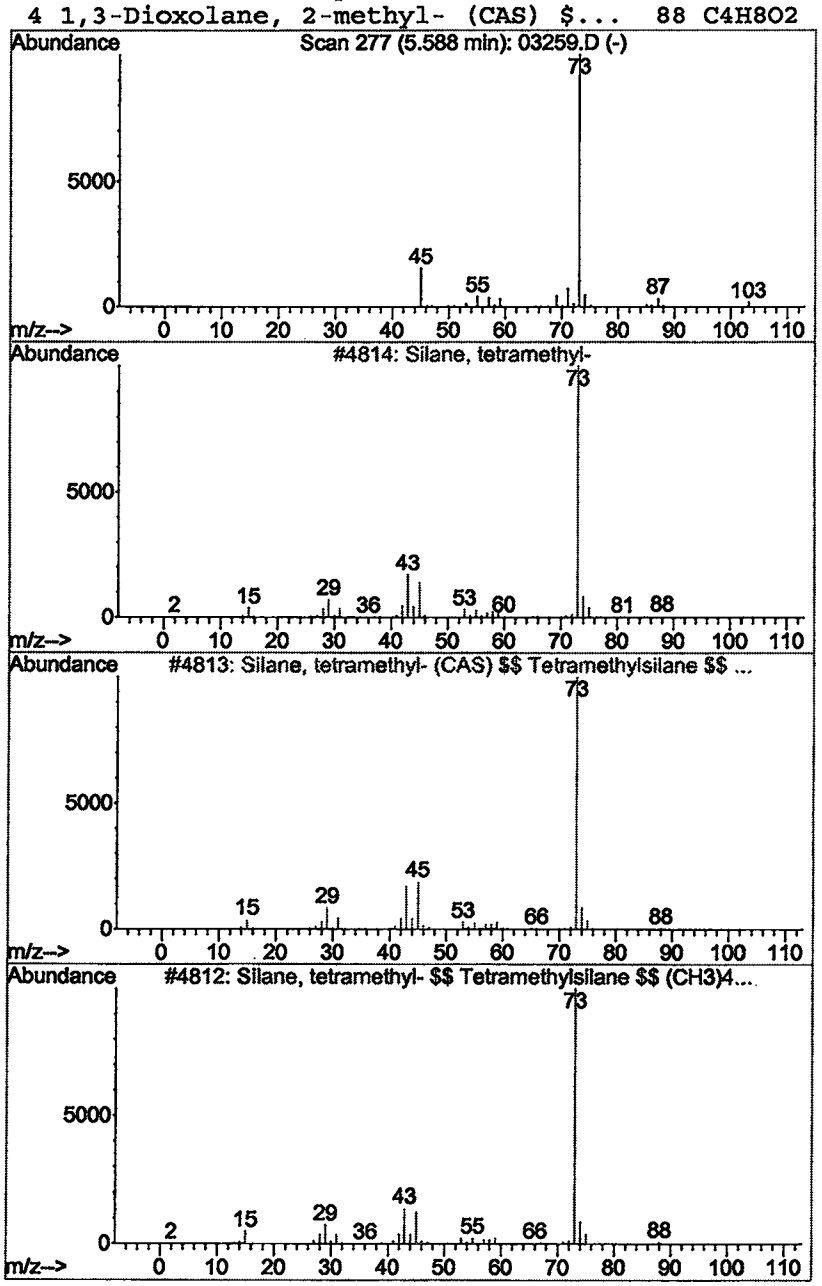
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

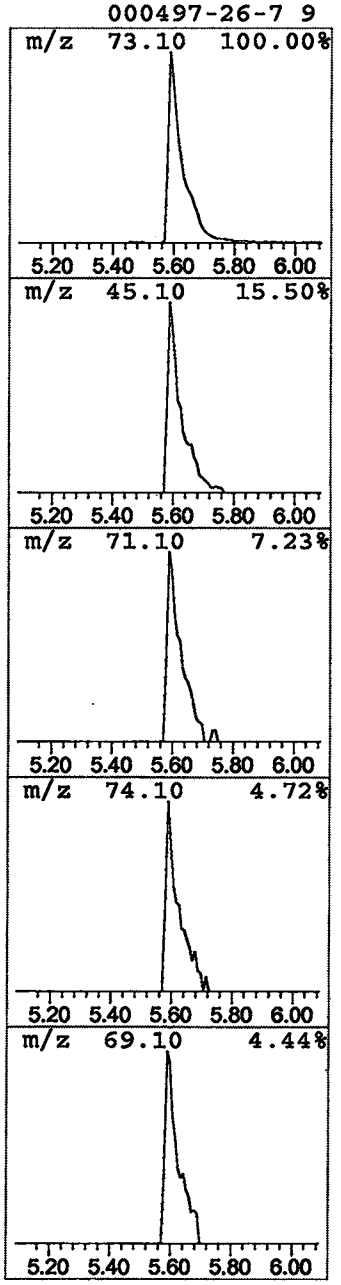
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.14 ug/L	704926	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 9:36 am
Data File: C:\MSDCHEM\1\DATA\022802\03259.D
Name: 2/13/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Silane, tetramethyl-	5.59	2.1	ug/L	704926	1	9.58	6584850	20.0

NYC-WTC_000011306