User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 16:21:29

Sample: AE03503
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/28/02 16:21 Ended: 3/28/02 16:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Comments for Sample AE03503 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-28-2002 Time: 16:21:42

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard were high. New limits will be calculated.

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\3503.D Vial: 35
Acq On : 12 Mar 2002 4:57 pm Operator: McLean
Sample : SAMPLE 3503 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:11:58 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1603842	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4338003	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2413529	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3797639	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3540478	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	1989503	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	330810	7.30	ug/L	0.00
Spiked Amount 5.000			Recovery = 146.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
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	0.00	149	0	N.D. 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) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	23251	0.17	ug/L	79
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D. d		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

NYC-WTC_000011646

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031202\3503.D Vial: 35
Acq On : 12 Mar 2002 4:57 pm Operator: McLean
Sample : SAMPLE 3503 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:11:58 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 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	0.00	252	0	N.D. 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.	

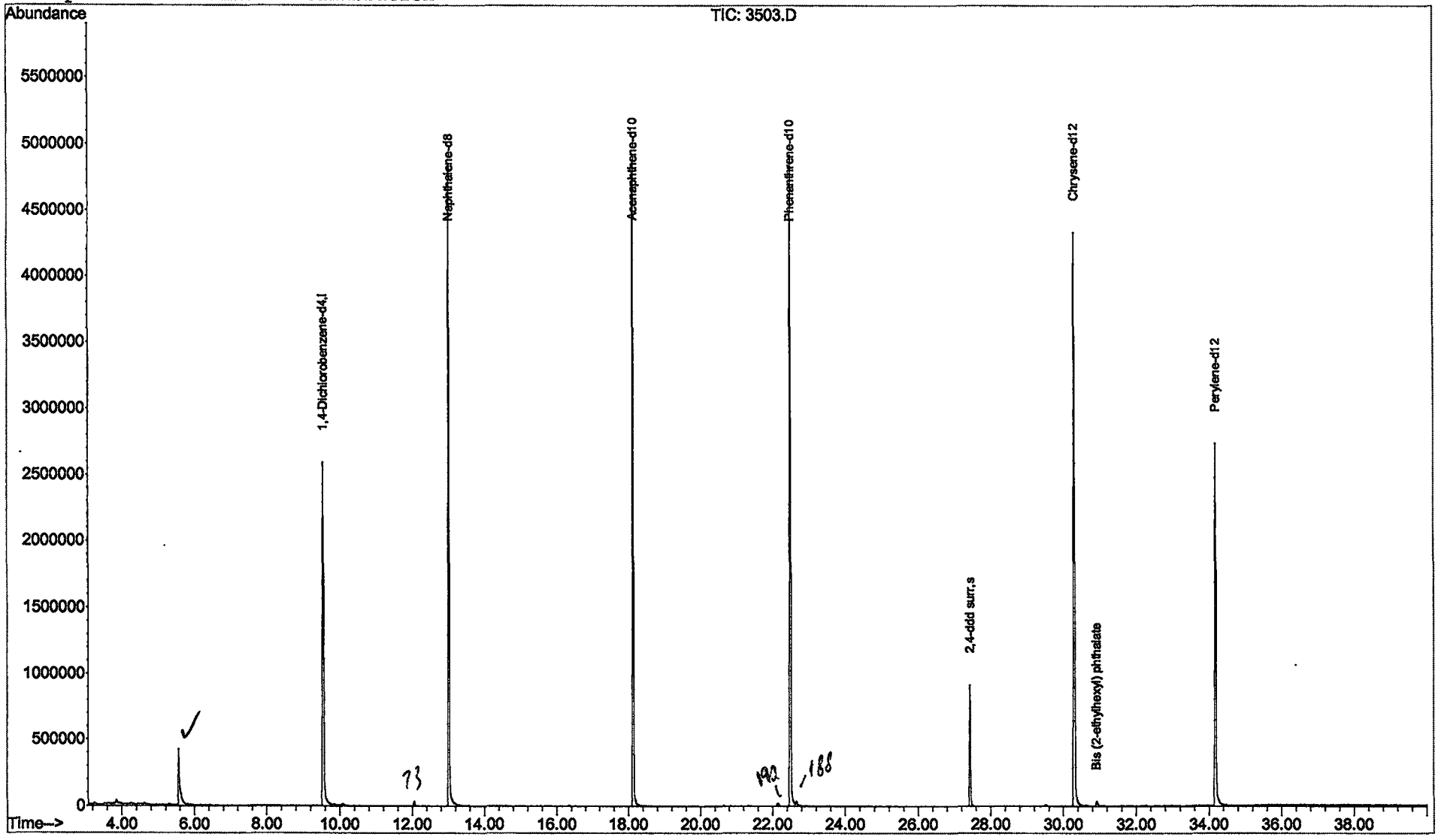
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000011647

NYC-WTC_000011648

Data File : C:\MSDCHEM\1\DATA\031202\3503.D Vial: 35
Acq On : 12 Mar 2002 4:57 pm Operator: McLean
Sample : SAMPLE 3503 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 15 11:14 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



NYC 9/11 Public Portal Document

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031202\3503.D Vial: 35
Acq On : 12 Mar 2002 4:57 pm Operator: McLean
Sample : SAMPLE 3503 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.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	5.561	271	274	295	rBV	419130	1233642	11.86%	2.187%
2	9.543	708	713	733	rBV	2591435	6653991	63.96%	11.797%
3	13.026	1091	1097	1112	rBV	4843768	9271010	89.11%	16.436%
4	18.142	1654	1661	1679	rBV	4885649	10076051	96.85%	17.864%
5	22.495	2135	2141	2155	rBV2	4918767	10403438	100.00%	18.444%
6	27.430	2680	2685	2693	rBV	915828	1744429	16.77%	3.093%
7	30.314	2995	3003	3021	rBV2	4332284	10363671	99.62%	18.373%
8	34.187	3422	3430	3450	rBV	2736399	6659527	64.01%	11.806%

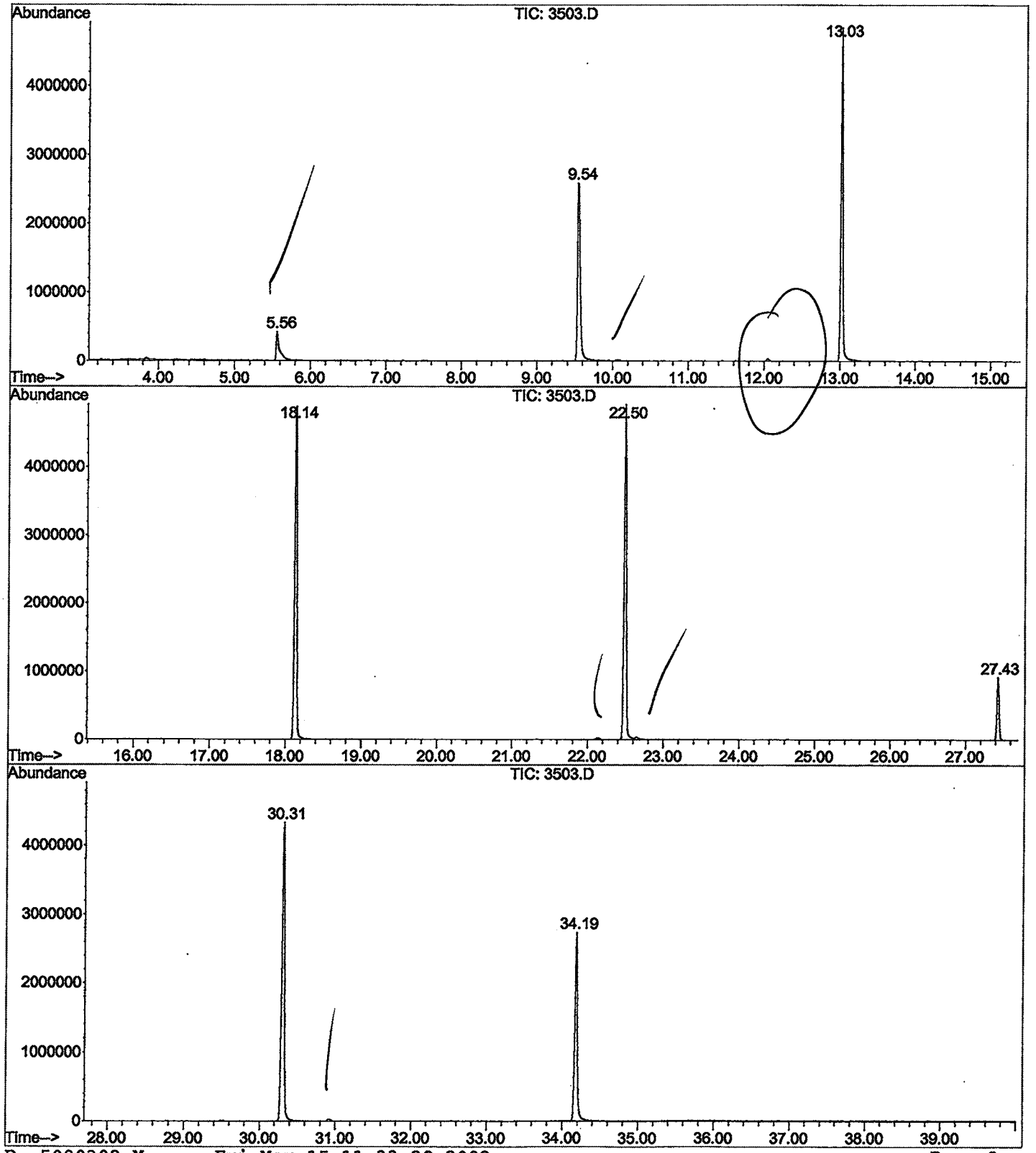
Sum of corrected areas: 56405759

NYC-WTC_000011649

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031202\3503.D
Operator : McLean
Acquired : 12 Mar 2002 4:57 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3503 2/19/02
Misc Info :
Vial Number: 35
Quant File :5080302.RES (RTE Integrator)



NYC-WTC_000011650

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031202\3503.D Vial: 35
Acq On : 12 Mar 2002 4:57 pm Operator: McLean
Sample : SAMPLE 3503 2/19/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

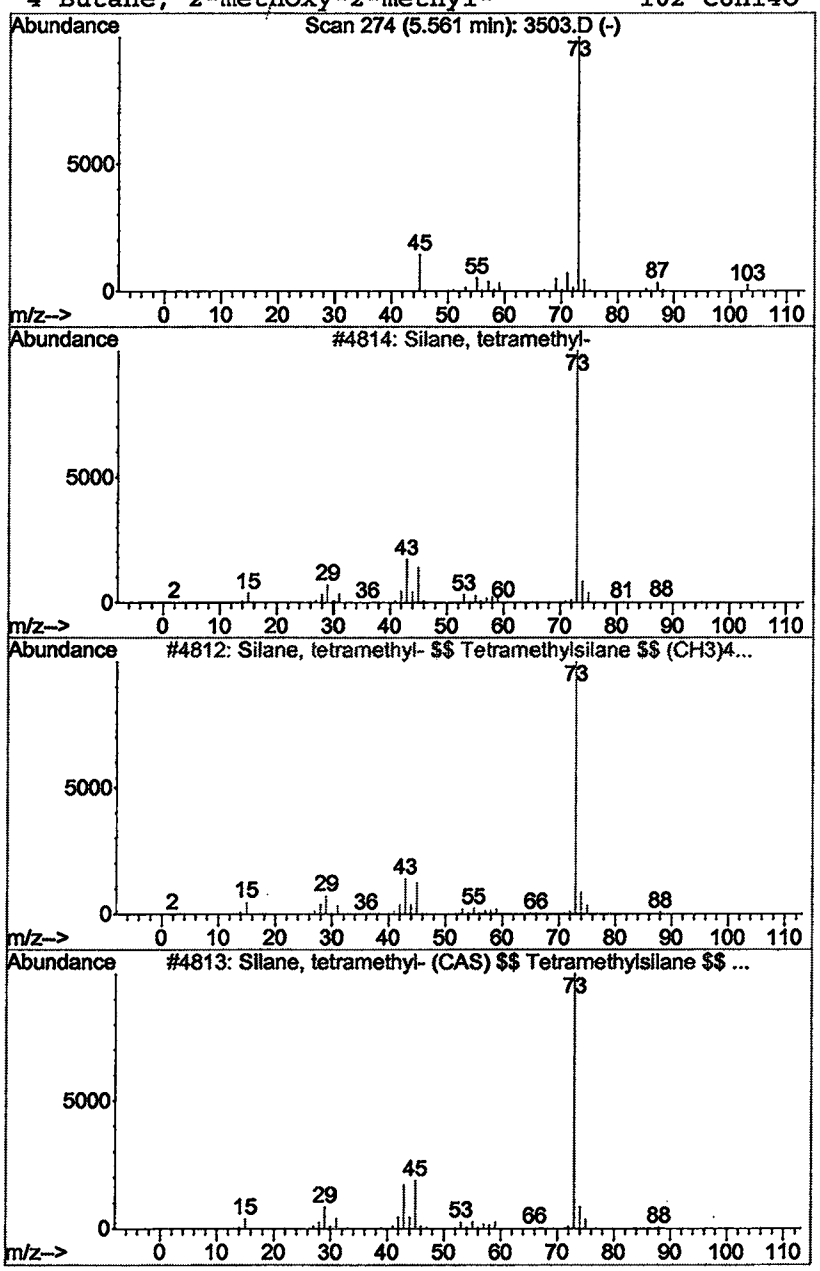
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

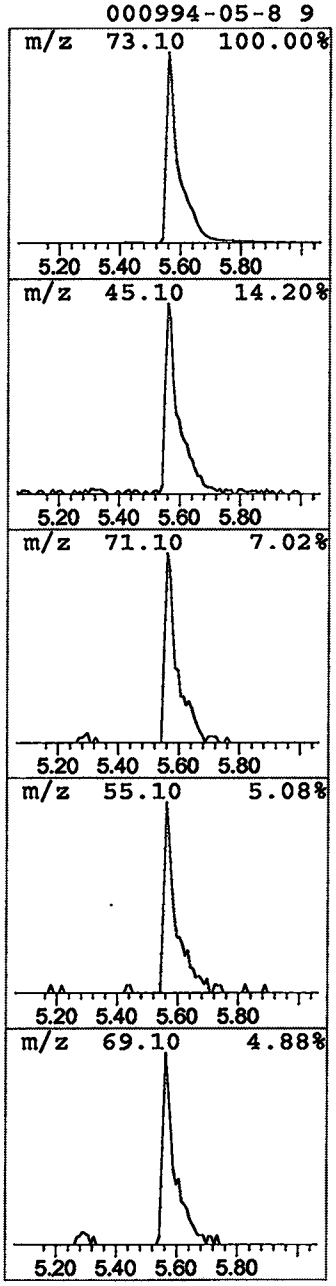
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	3.71 ug/L	1233640	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9
3	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 12 Mar 2002 4:57 pm
Data File: C:\MSDCHEM\1\DATA\031202\3503.D
Name: SAMPLE 3503 2/19/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Silane, tetramethyl-	5.56	3.7	ug/L	1233640	1	9.55	6653990	20.0

NYC-WTC_000011652