User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 15:18:48

Sample: AE05512
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 15:18 Ended: 3/29/02 15:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AE05512 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 15:19:15

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:52:31 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	1657916	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4481940	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2498294	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3804572	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3536156	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1948014	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	347936	7.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 153.40%			
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	24.64	149	115302	0.57	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	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.92	149	20273	0.15	ug/L	90
43) Chrysene	0.00	228	0	N.D.	d	
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

NYC-WTC_000059422

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 06:52:31 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.	

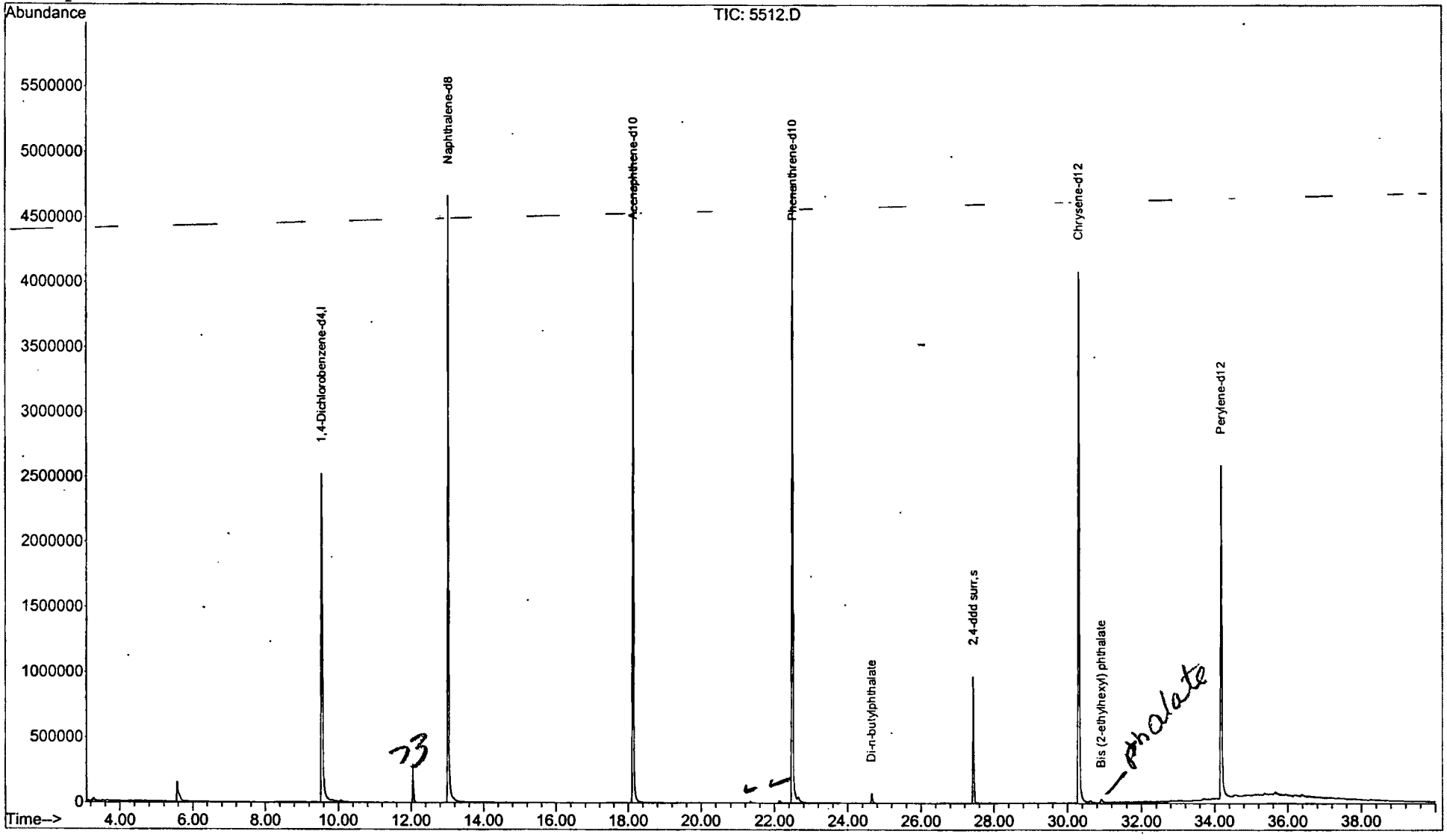
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000059423

NYC-WTC_000059424

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 25 6:53 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



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 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	5.570	272	275	295	rBV	150466	540347	5.17%	0.944%
2	9.543	708	713	732	rBV	2520455	6913673	66.19%	12.073%
3	12.046	985	989	1000	rVB	295588	555460	5.32%	0.970%
4	13.026	1091	1097	1111	rBV	4668287	9513174	91.08%	16.612%
5	18.132	1654	1660	1676	rBV	4986909	10333994	98.93%	18.045%
6	22.495	2134	2141	2154	rBV2	4757290	10445328	100.00%	18.240%
7	24.645	2374	2378	2388	rBV	75302	177481	1.70%	0.310%
8	27.429	2680	2685	2693	rBV	969786	1862005	17.83%	3.251%
9	30.305	2995	3002	3020	rBV	4083670	10269733	98.32%	17.933%
10	34.178	3423	3429	3449	rBV2	2559257	6656085	63.72%	11.623%

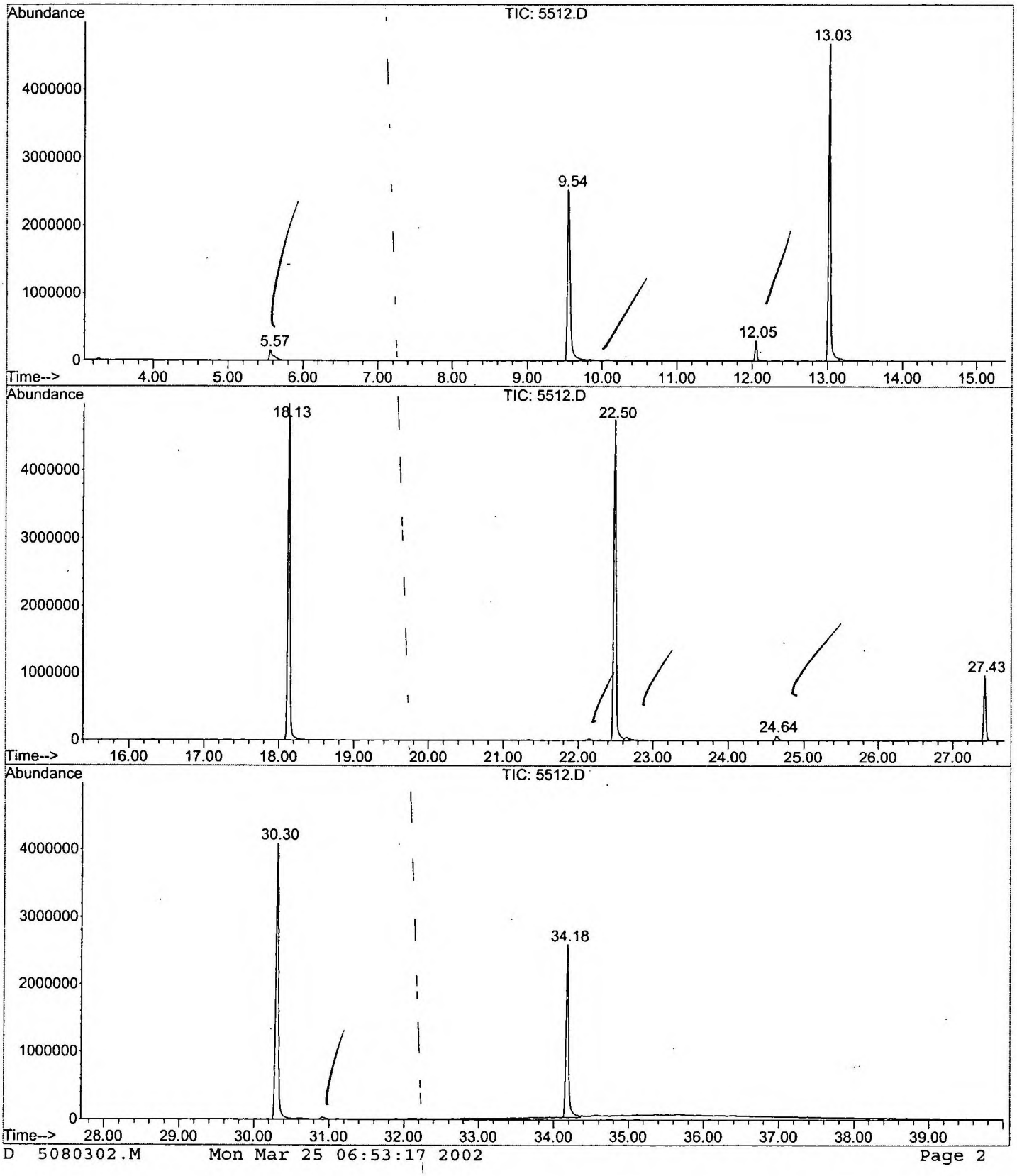
Sum of corrected areas: 57267280

NYC-WTC_000059425

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5512.D
Operator : McLean
Acquired : 17 Mar 2002 6:35 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 13
Quant File :5080302.RES (RTE Integrator)



NYC-WTC_000059426

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

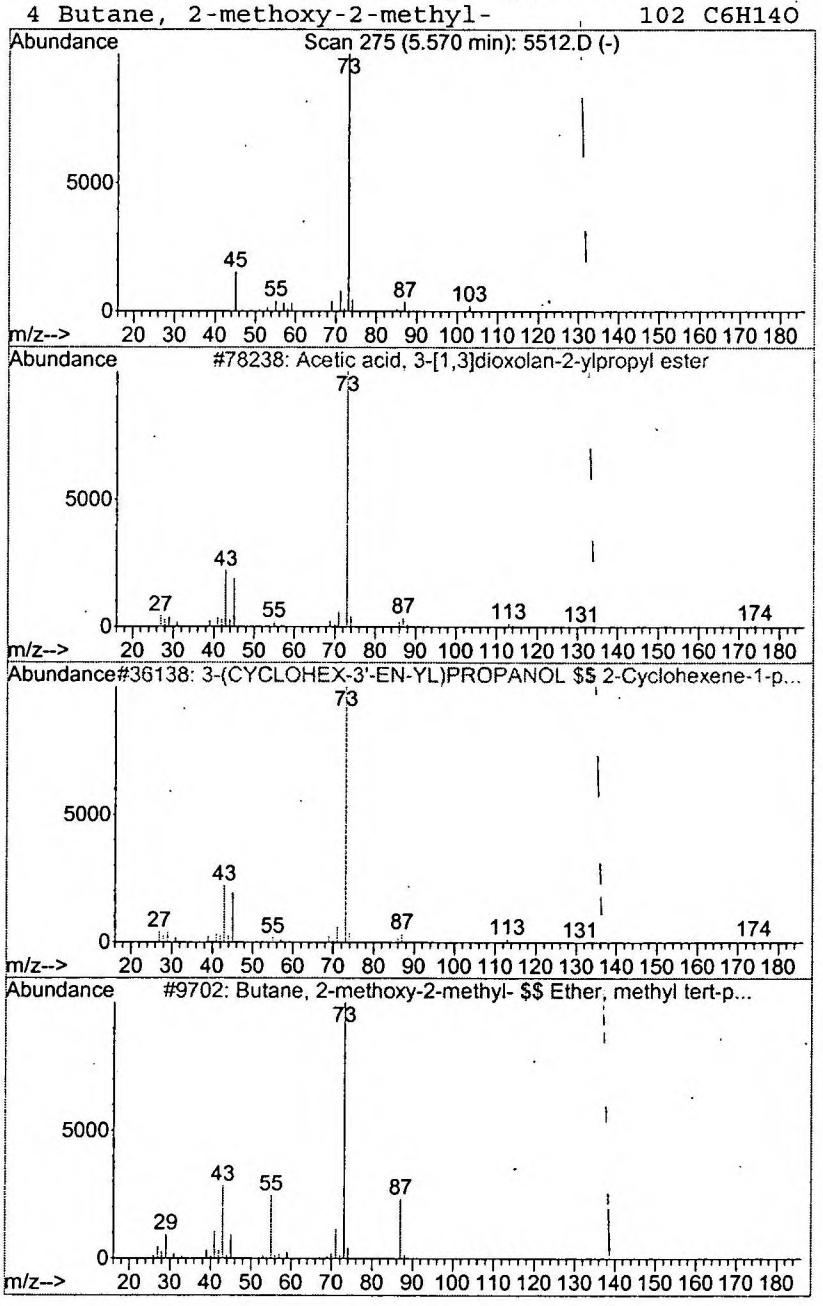
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

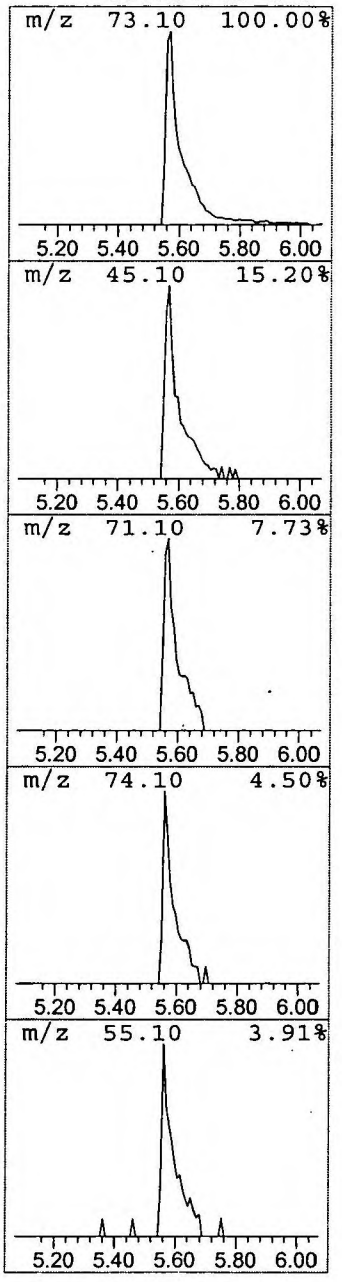
****

Peak Number 1 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	1.56 ug/L	540347	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	39
2	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	39
3	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	28
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





NYC-WTC_000059427

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5512.D Vial: 13
Acq On : 17 Mar 2002 6:35 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

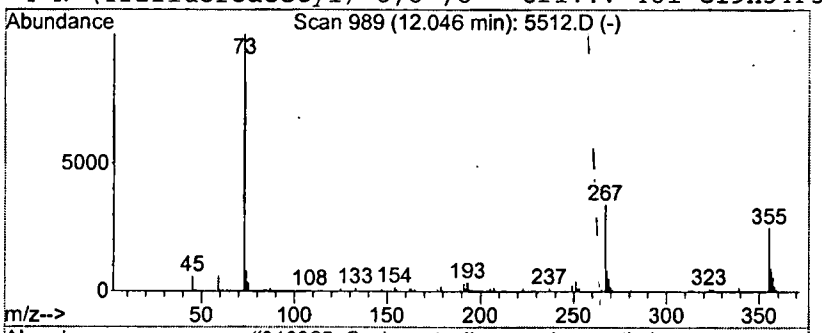
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

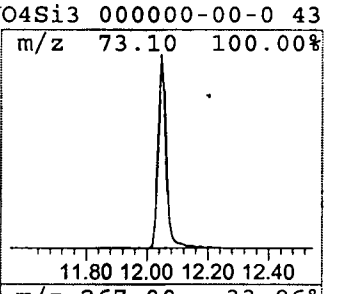
****

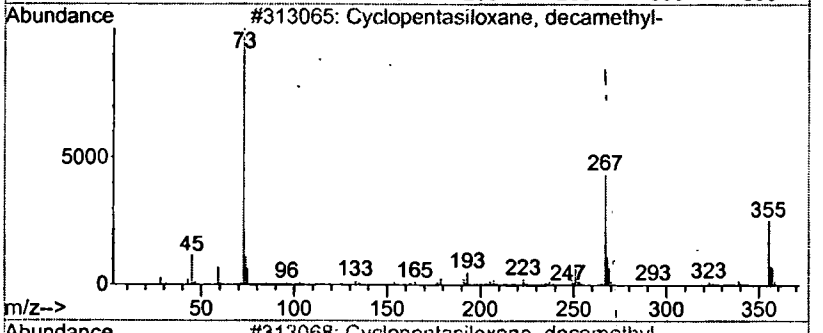
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

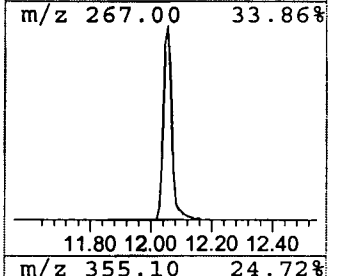
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.17 ug/L	555460	Naphthalene-d8	13.03

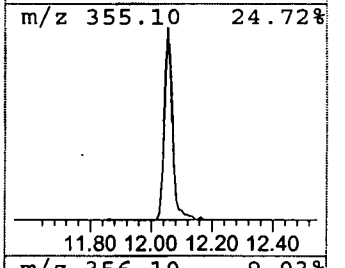
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	46
4	N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	000000-00-0	43

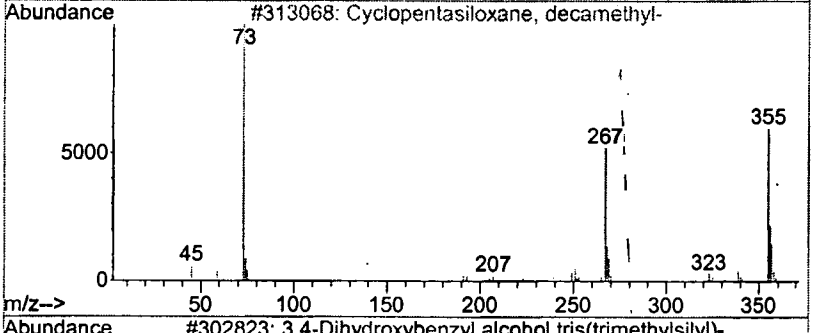


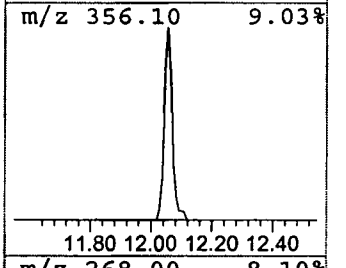


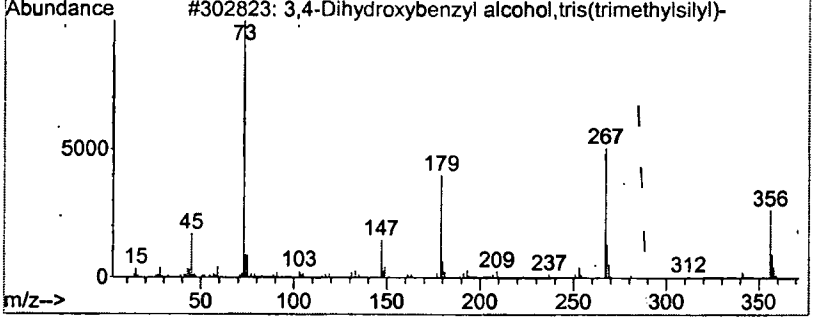


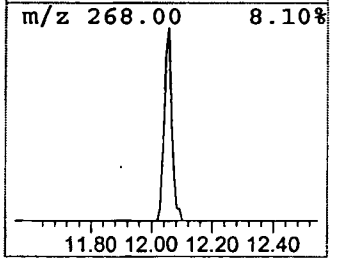












NYC-WTC_000059428

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 6:35 pm
Data File: C:\MSDCHEM\1\DATA\031702\5512.D
Name: 3/11/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.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
Acetic acid, 3-[1...	5.57	1.6	ug/L	540347	1	9.55	6913670	20.0
Cyclopentasiloxan...	12.05	1.2	ug/L	555460	2	13.03	9513170	20.0

NYC-WTC_000059429