User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 15:34:28

Sample: AE05910
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/21/02 15:33 Ended: 3/21/02 15:33 Analyst: DLV
Page: 1

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

Comments for Sample AE05910 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-21-2002 Time: 15:34:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 27 of 43 compounds in the LCS Standard were above their acceptance ranges, while one was below. Recalculation of recovery values will be performed.

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:09:59 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	9.54	150	1492013	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4078416	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2224049	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3424514	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3039532	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1603291	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	314020	7.69	ug/L	0.00
Spiked Amount 5.000			Recovery = 153.80%			
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	24.65	149	42532	0.23	ug/L	96
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	0.00	149	0	N.D. d		
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_000039138

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:09:59 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
5910.D 5080302.M Wed Mar 20 11:11:54 2002 Page 2

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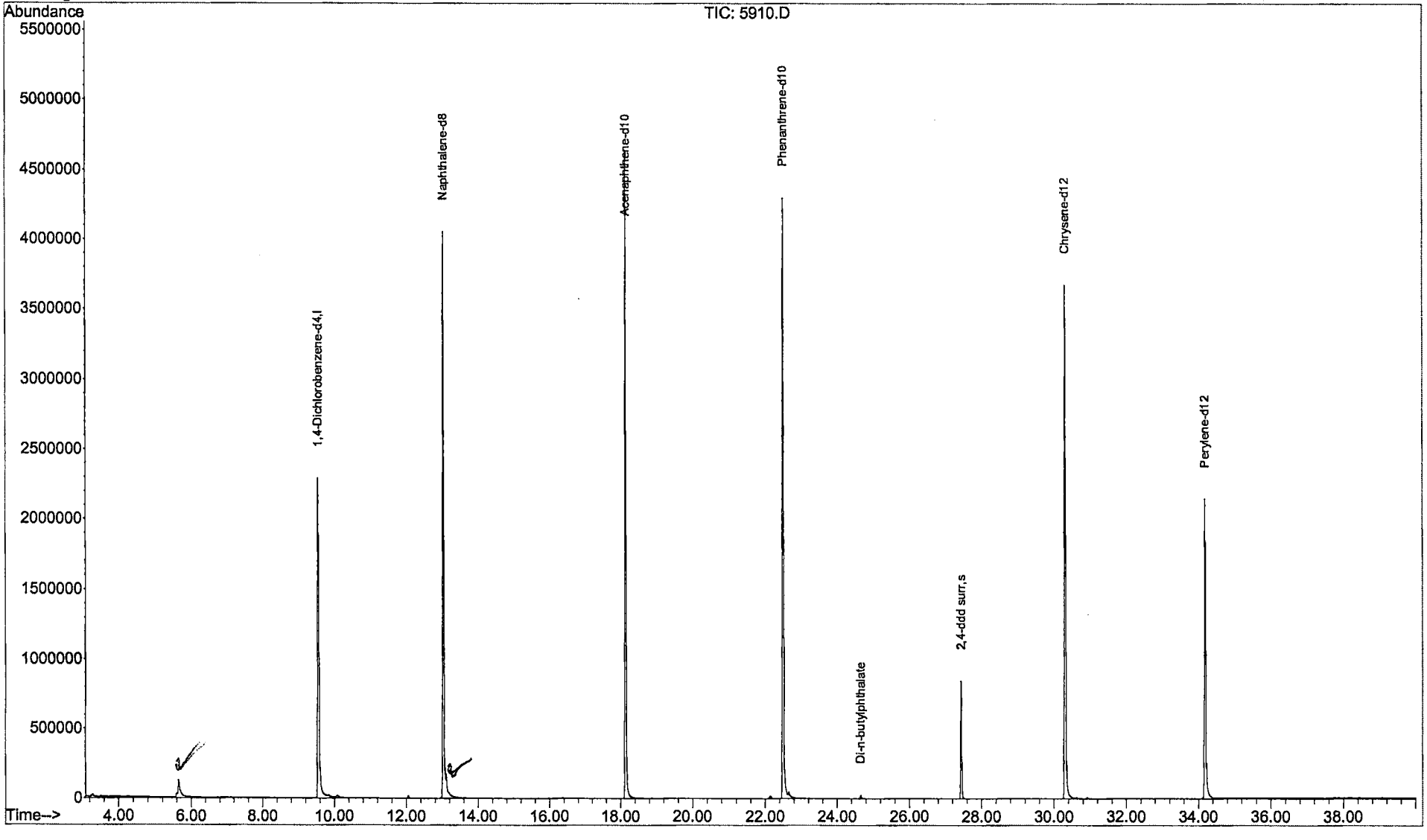
NYC-WTC_000039140

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 11:11 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

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 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	5.643	281	283	299	rVB	117944	393430	4.18%	0.788%
2	9.543	708	713	728	rBV	2287331	6079056	64.54%	12.178%
3	13.026	1091	1097	1103	rBV	4056058	8396310	89.14%	16.820%
4	13.099	1103	1105	1123	rVB	163886	525573	5.58%	1.053%
5	18.133	1654	1660	1681	rBV	4630288	9314288	98.89%	18.659%
6	22.496	2134	2141	2155	rBV2	4299509	9419068	100.00%	18.869%
7	22.650	2155	2158	2172	rVB2	42891	140041	1.49%	0.281%
8	27.430	2680	2685	2698	rBB	842526	1638645	17.40%	3.283%
9	30.305	2995	3002	3024	rBV2	3672965	8815421	93.59%	17.660%
10	34.178	3422	3429	3444	rBV2	2142966	5196775	55.17%	10.410%

Sum of corrected areas: 49918607

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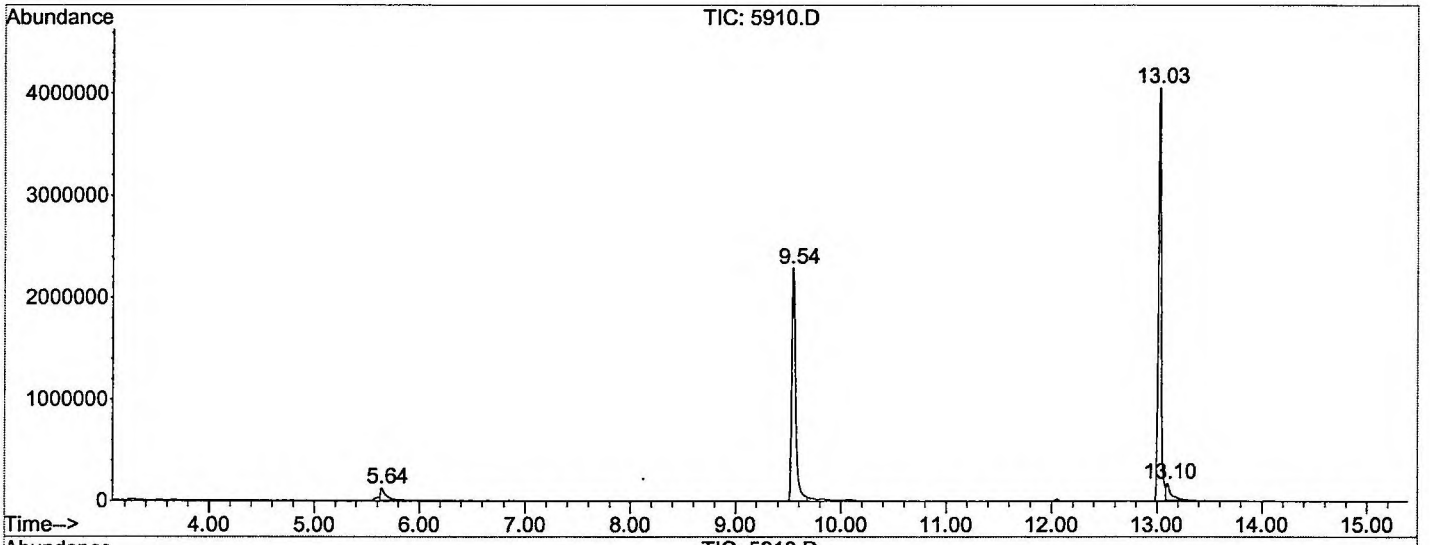
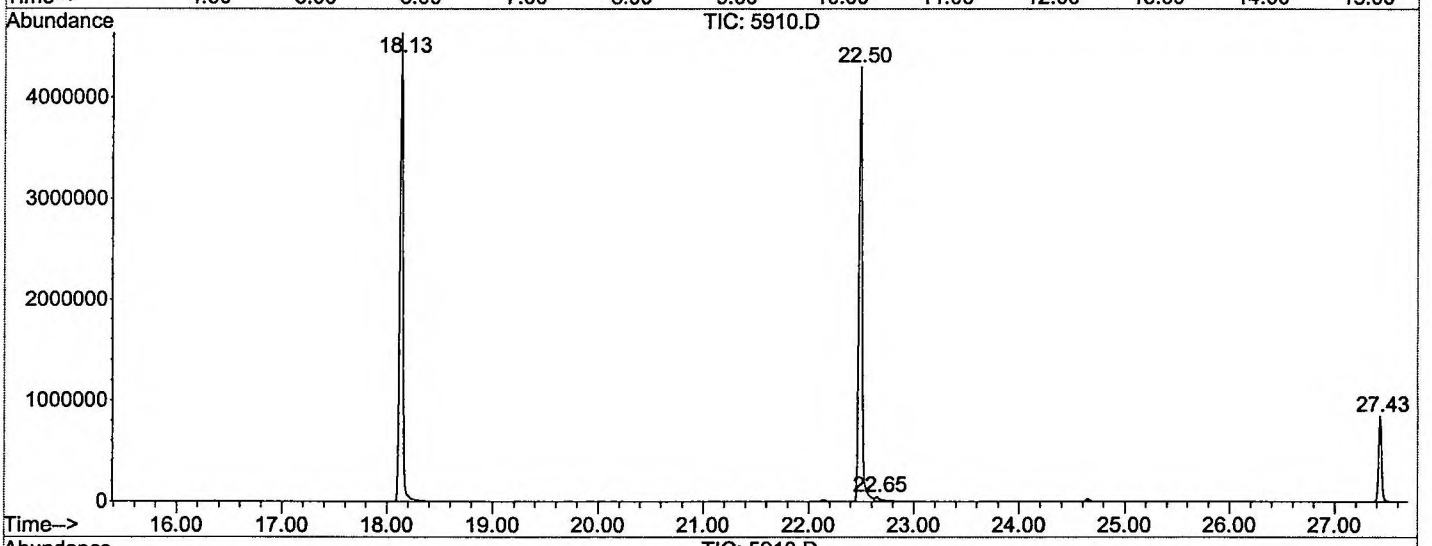
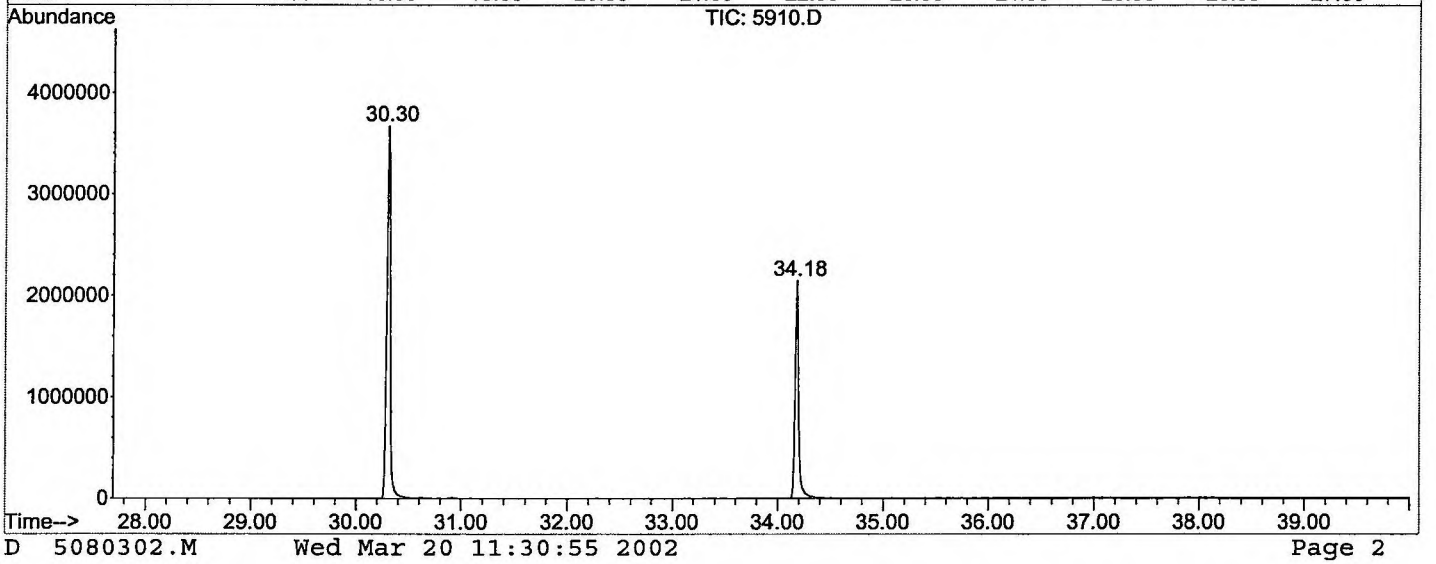
NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5910.D
Operator : McLean
Acquired : 18 Mar 2002 1:56 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/14/02
Misc Info :
Vial Number: 20
Quant File :5080302.RES (RTE Integrator)







NYC-WTC_000039142

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

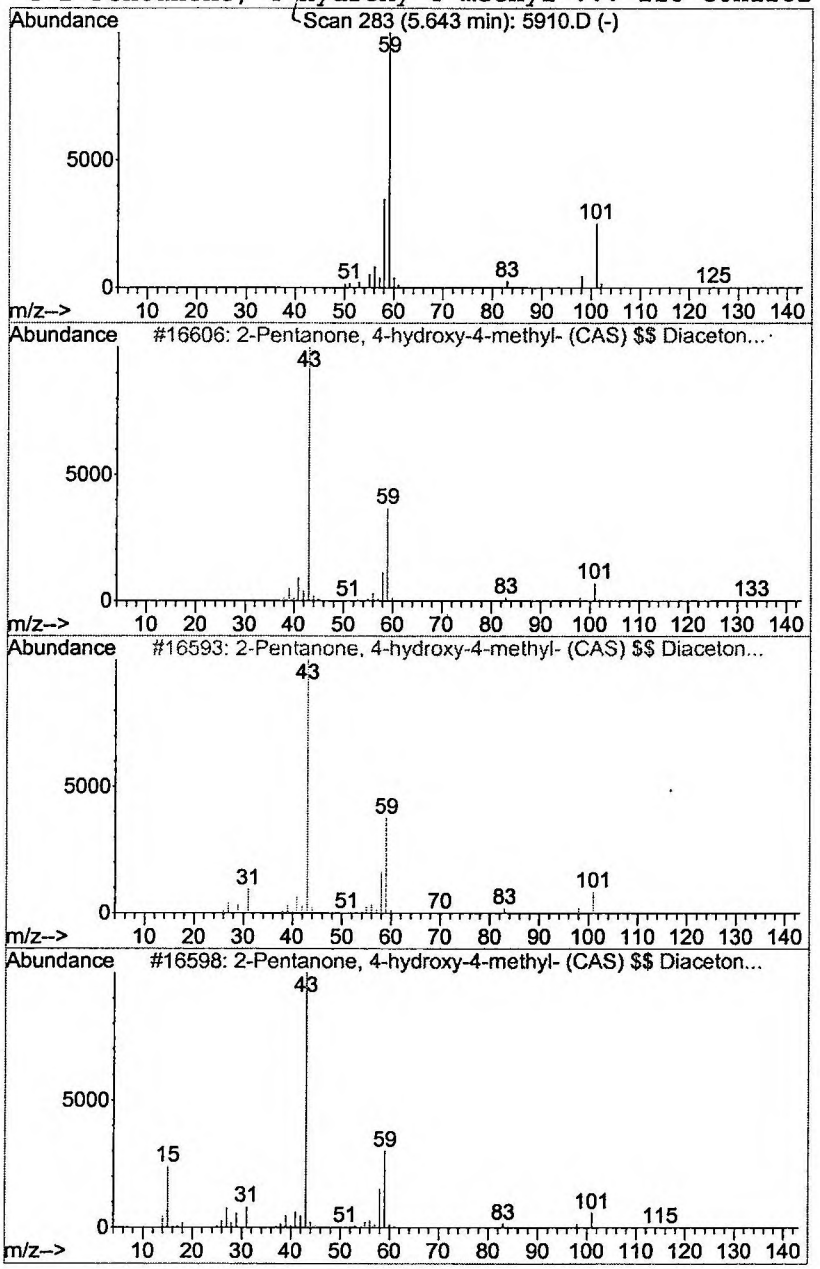
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

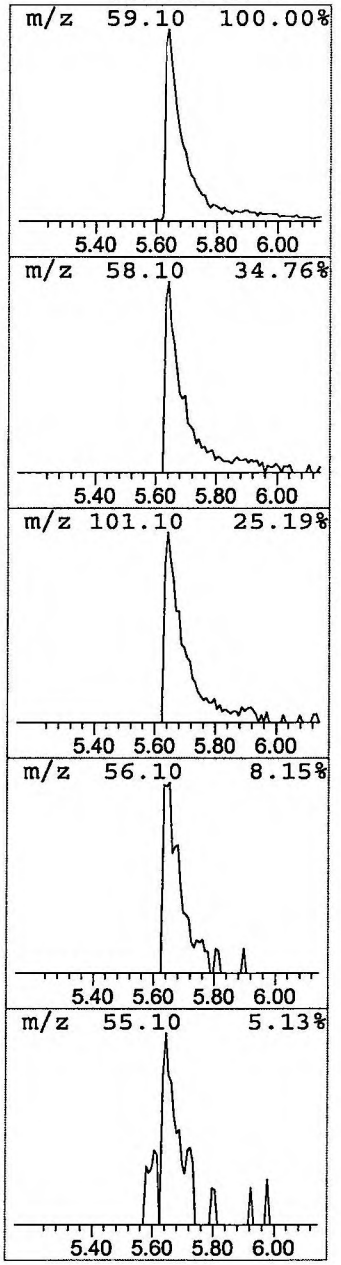
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	1.29 ug/L	393430	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	43
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	43





NYC-WTC_000039143

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5910.D Vial: 20
Acq On : 18 Mar 2002 1:56 am Operator: McLean
Sample : 3/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

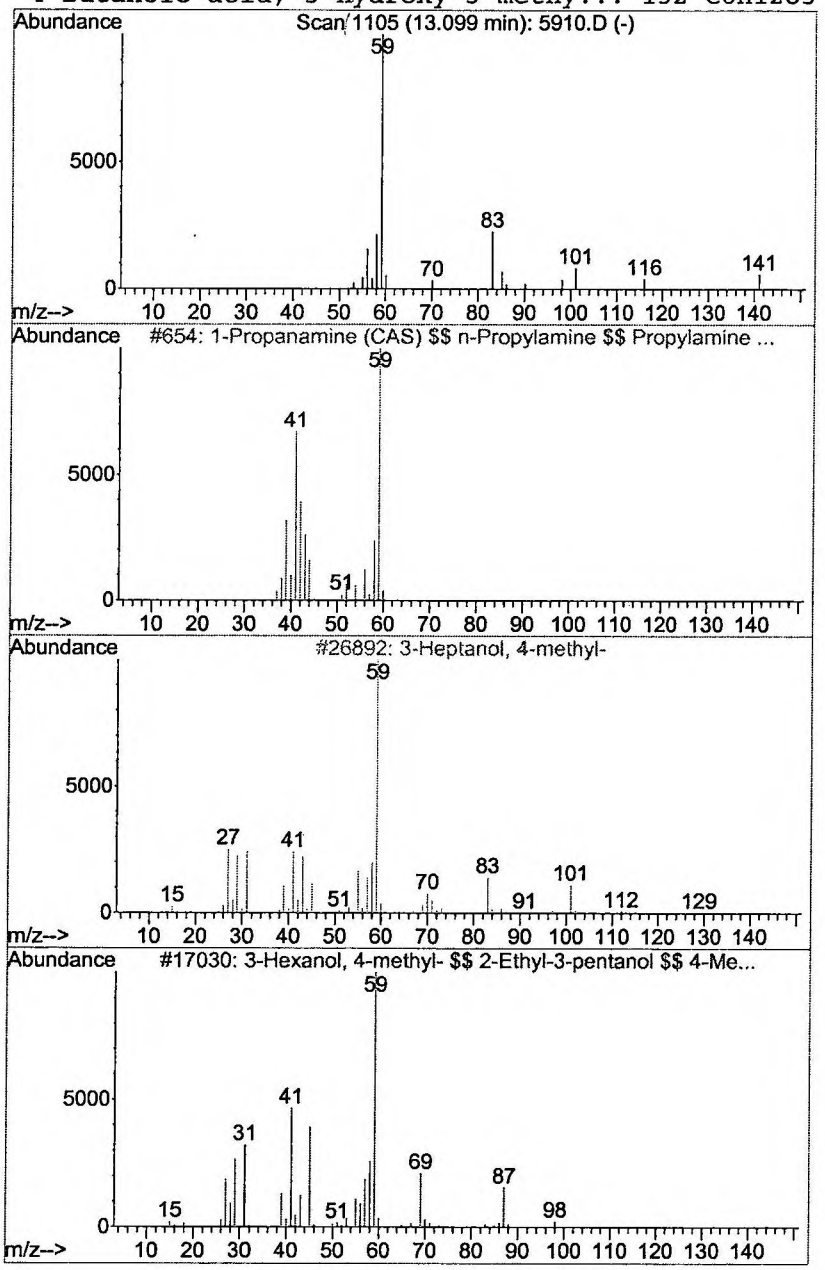
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

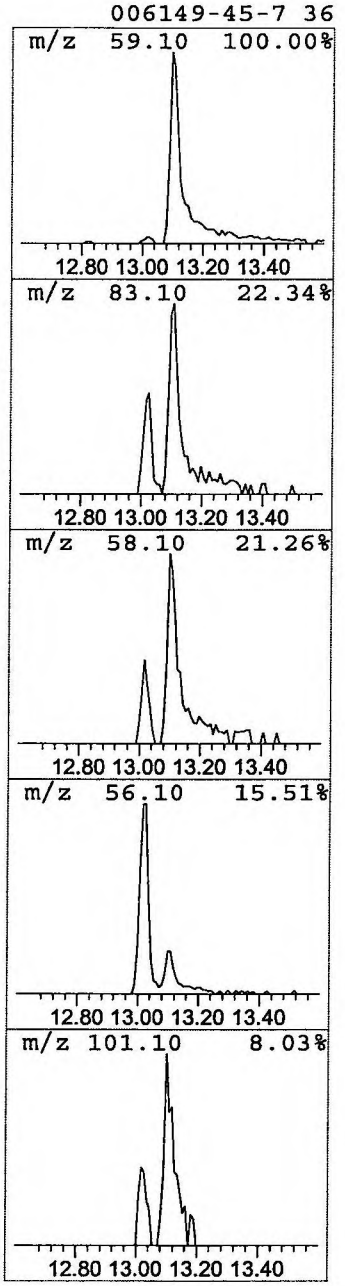
****

Peak Number 2 1-Propanamine (CAS) $$ n-Pr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.25 ug/L	525573	Naphthalene-d8	13.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine (CAS) $$ n-Propyla...	59	C3H9N	000107-10-8	53
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	38
3	3-Hexanol, 4-methyl- $$ 2-Ethyl-...	116	C7H16O	000615-29-2	38
4	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	36





NYC-WTC_000039144

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 18 Mar 2002 1:56 am
Data File: C:\MSDCHEM\1\DATA\031702\5910.D
Name: 3/14/02
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
2-Pentanone, 4-hy...	5.64	1.3	ug/L	393430	1	9.54	6079060	20.0
1-Propanamine (CA...	13.10	1.3	ug/L	525573	2	13.03	8396310	20.0

NYC-WTC_000039145