NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 08:00:54

Sample: AD31404
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 08:00 Ended: 2/13/02 08:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Comments for Sample AD31404 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 08:00:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D Vial: 9
Acq On : 16 Jan 2002 7:27 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:45 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	729573	20.00	ug/l	-0.03
10) Naphthalene-d8	15.10	136	2822032	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.36	164	1405942	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	1821587	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	835083	20.00	ug/l	-0.04
44) Perylene-d12	36.86	264	503127	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	125903	6.02	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 120.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	144	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	15.15	128	1211	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	20.68	165	279	N.D.		
25) Diethylphthalate	21.88	149	1047	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

NYC-WTC_000018345

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D Vial: 9
Acq On : 16 Jan 2002 7:27 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:45 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.84	178	976	N.D.	
34)	Anthracene	24.84	178	976	N.D.	
35)	Di-n-butylphthalate	26.80	149	31923	0.26 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)anthracene	32.80	228	1986	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	2574	N.D.	
43)	Chrysene	32.80	228	1986	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	36.85	252	2152	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

NYC-WTC_000018346

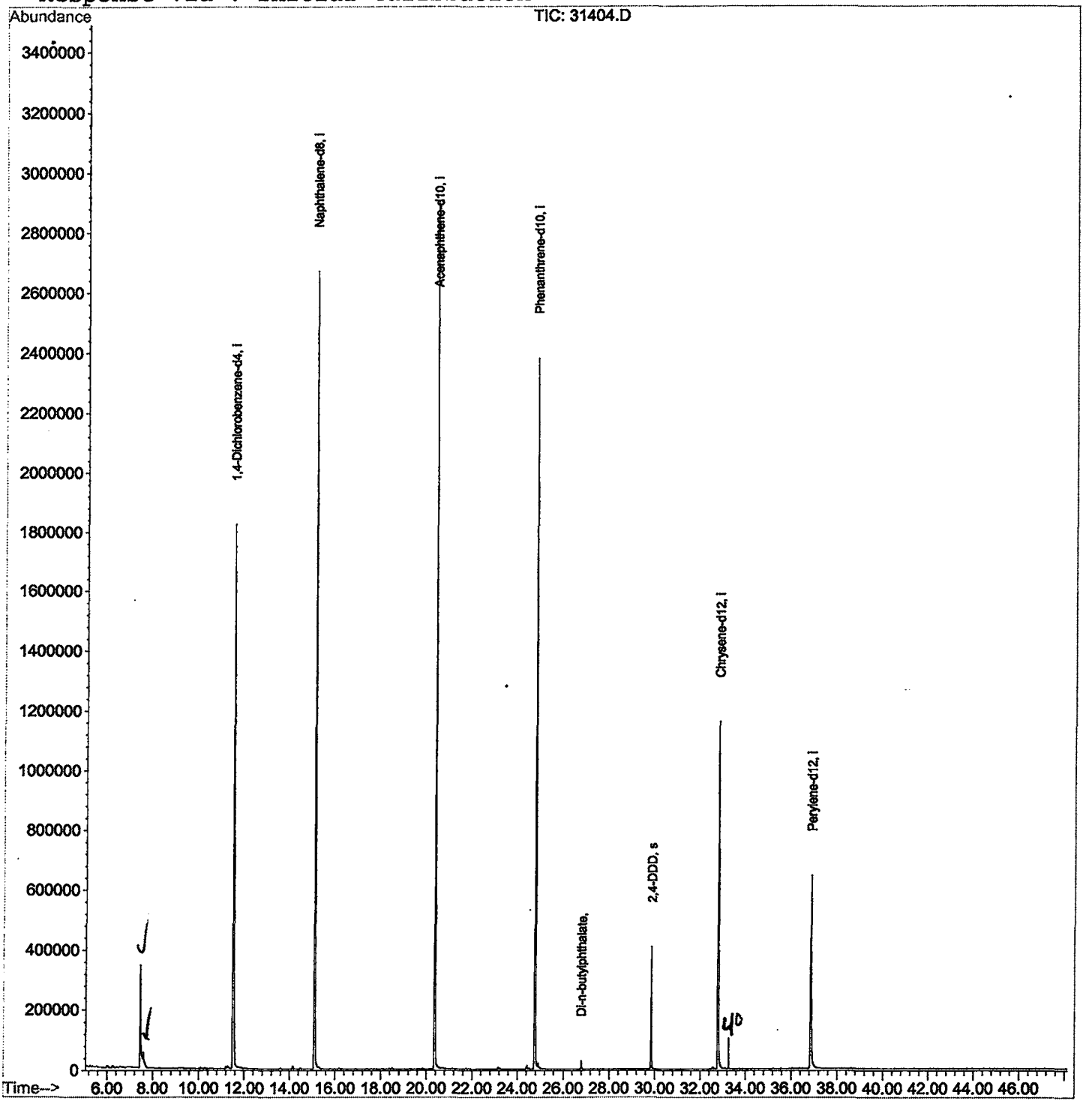
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D
Acq On : 16 Jan 2002 7:27 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 7 8:45 2002

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



NYC-WTC_000018347

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D Vial: 9
Acq On : 16 Jan 2002 7:27 pm Operator: 209 GALOS
Sample : gc/ms scan 12/27 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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	7.450	258	262	274	rBV	341389	868766	14.61%	3.107%
2	7.588	274	277	298	rVB	52529	205321	3.45%	0.734%
3	11.499	698	703	723	rBV	1820322	4631338	77.89%	16.561%
4	15.088	1089	1094	1112	rBV	2668503	5789077	97.36%	20.701%
5	20.358	1662	1668	1682	rBV	2904330	5946204	100.00%	21.263%
6	24.773	2142	2149	2161	rBV2	2378416	5123744	86.17%	18.322%
7	26.793	2365	2369	2378	rBV	27709	59686	1.00%	0.213%
8	29.850	2697	2702	2710	rBV	406844	786117	13.22%	2.811%
9	32.797	3017	3023	3044	rBV2	1159914	2712213	45.61%	9.699%
10	36.864	3459	3466	3483	rBV	642725	1842237	30.98%	6.588%

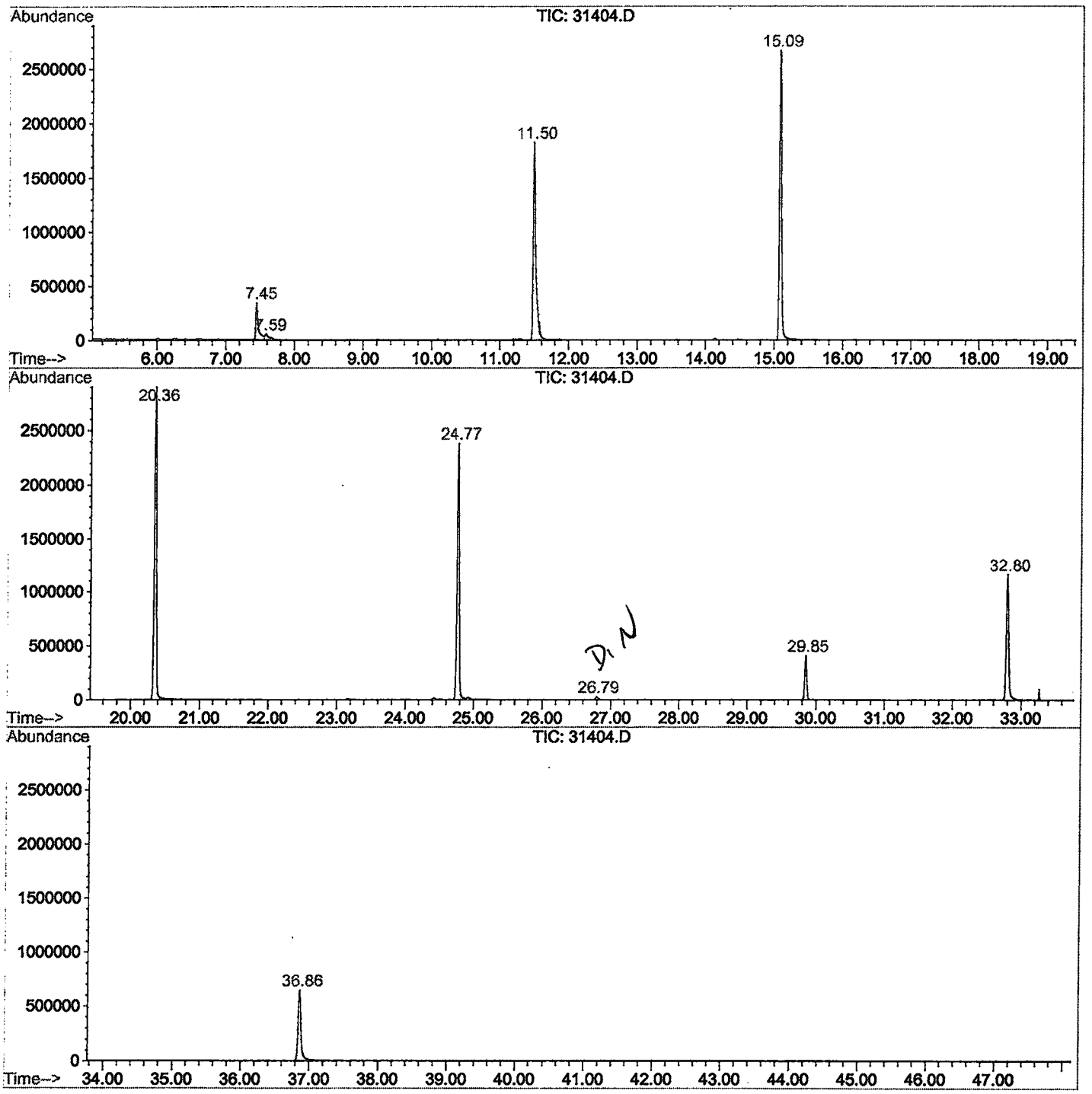
Sum of corrected areas: 27964703

31404.D GCMS0103.M Thu Feb 07 09:12:57 2002

NYC-WTC_000018348

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31404.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 7:27 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 9
Quant File :GCMS0103.RES (RTE Integrator)



31404.D GCMS0103.M Thu Feb 07 09:13:03 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D
Acq On : 16 Jan 2002 7:27 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

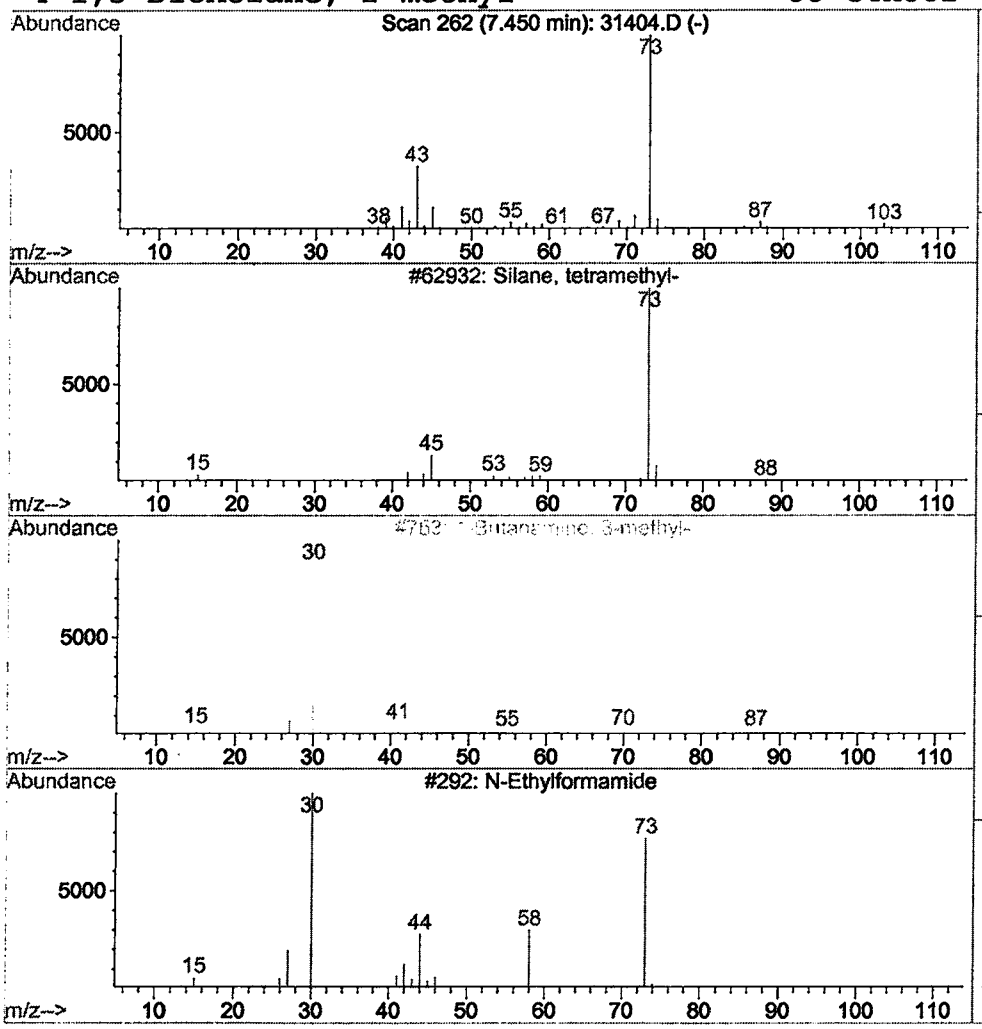
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

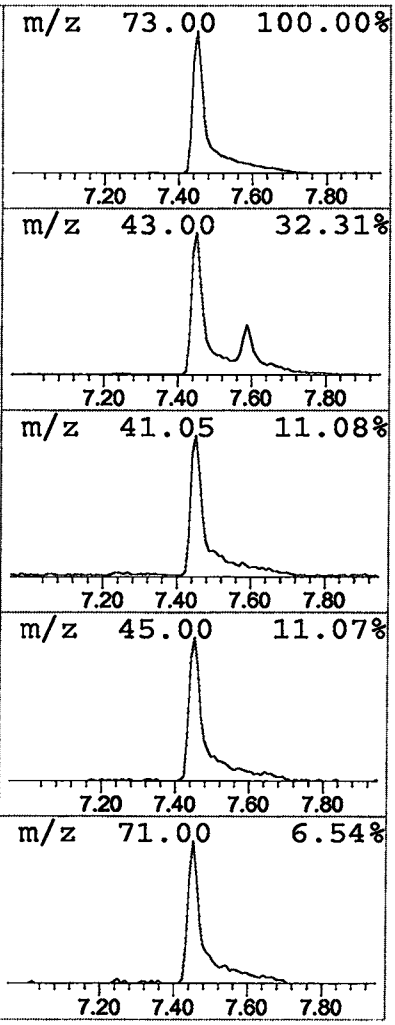
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.75 ug/l	868766	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





NYC-WTC_000018350

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31404.D
Acq On : 16 Jan 2002 7:27 pm
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

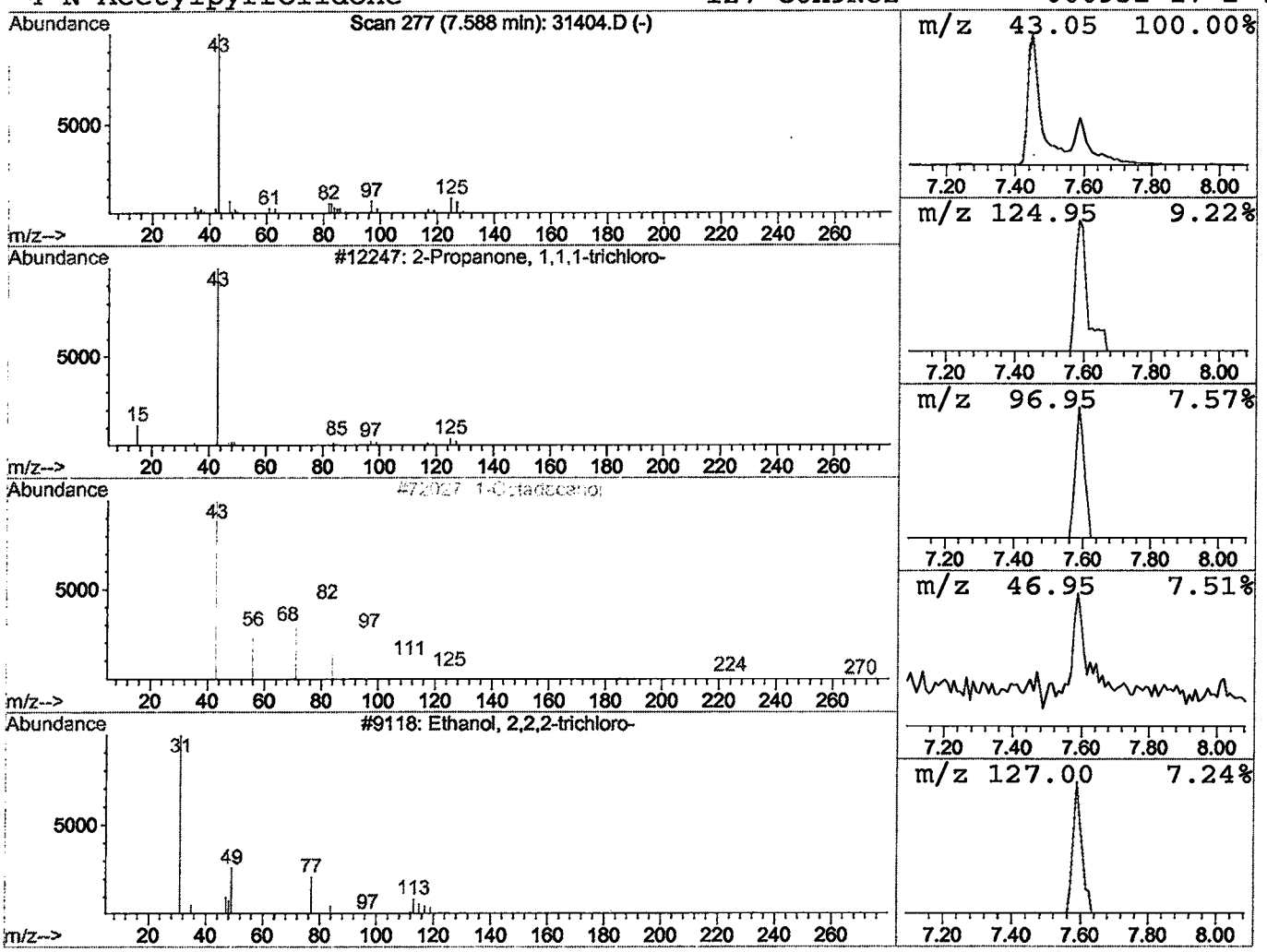
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	0.89 ug/l	205321	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	1-Octadecanol	270	C18H38O	000112-92-5	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7



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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 7:27 pm
Data File: C:\HPCHEM\1\DATA\JAN1602\31404.D
Name: gc/ms scan 12/27
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.45	3.8	ug/l	868766	ISTD01	11.50	4631340	20.0
2-Propanone, 1,1,1-t	7.59	0.9	ug/l	205321	ISTD01	11.50	4631340	20.0

31404.D GCMS0103.M Thu Feb 07 09:13:17 2002