User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:29:44

Sample: AE05702
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:28 Ended: 4/11/02 08:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AE05702 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:30:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5702.D Vial: 20
Acq On : 2 Apr 2002 7:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 7:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	591483	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2175821	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1233345	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1719940	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	887910	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	514421	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	90526	5.25	ug/mL	0.21
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	15.93	128	232	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.59	165	184	N.D.		
25) Diethylphthalate	22.67	149	1423	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5702.D Vial: 20
Acq On : 2 Apr 2002 7:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 7:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	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	25.63	178	560	N.D.	
34)	Anthracene	25.63	178	560	N.D.	
35)	Di-n-butylphthalate	27.60	149	16598	N.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)anthracene	33.69	228	2669	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2138	N.D.	
43)	Chrysene	33.77	228	416	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	36.81	252	196	N.D.	
48)	Benzo(a)pyrene	37.95	252	1846	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

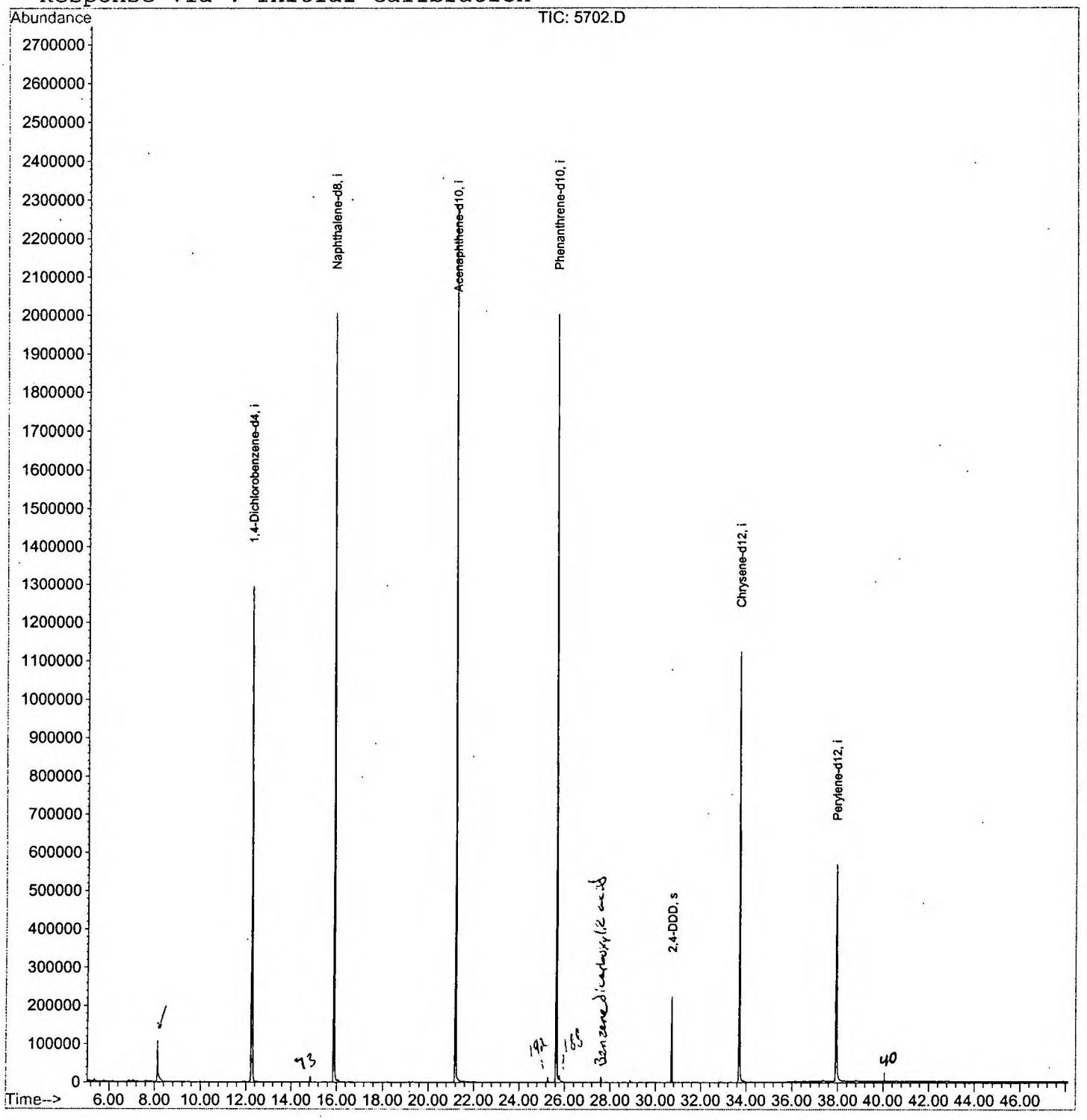
NYC-WTC_000059511

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0102\5702.D Vial: 20
Acq On : 2 Apr 2002 7:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 7:54 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



NYC-WTC_000059512

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5702.D Vial: 20
Acq On : 2 Apr 2002 7:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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	8.128	332	336	354	rBV	106202	289357	6.17%	1.356%
2	12.250	779	785	801	rVB	1291954	3169367	67.54%	14.857%
3	15.885	1175	1181	1197	rBV	2004415	4102551	87.43%	19.231%
4	21.191	1752	1759	1774	rBV	2288797	4692630	100.00%	21.998%
5	25.635	2236	2243	2254	rBV2	2002758	4311426	91.88%	20.211%
6	30.711	2790	2796	2805	rVB	224955	448009	9.55%	2.100%
7	33.695	3114	3121	3141	rBV2	1123852	2570644	54.78%	12.050%
8	37.936	3575	3583	3603	rBV2	565830	1748568	37.26%	8.197%

Sum of corrected areas: 21332552

5702.D GCMS0403.M Fri Apr 05 10:34:46 2002

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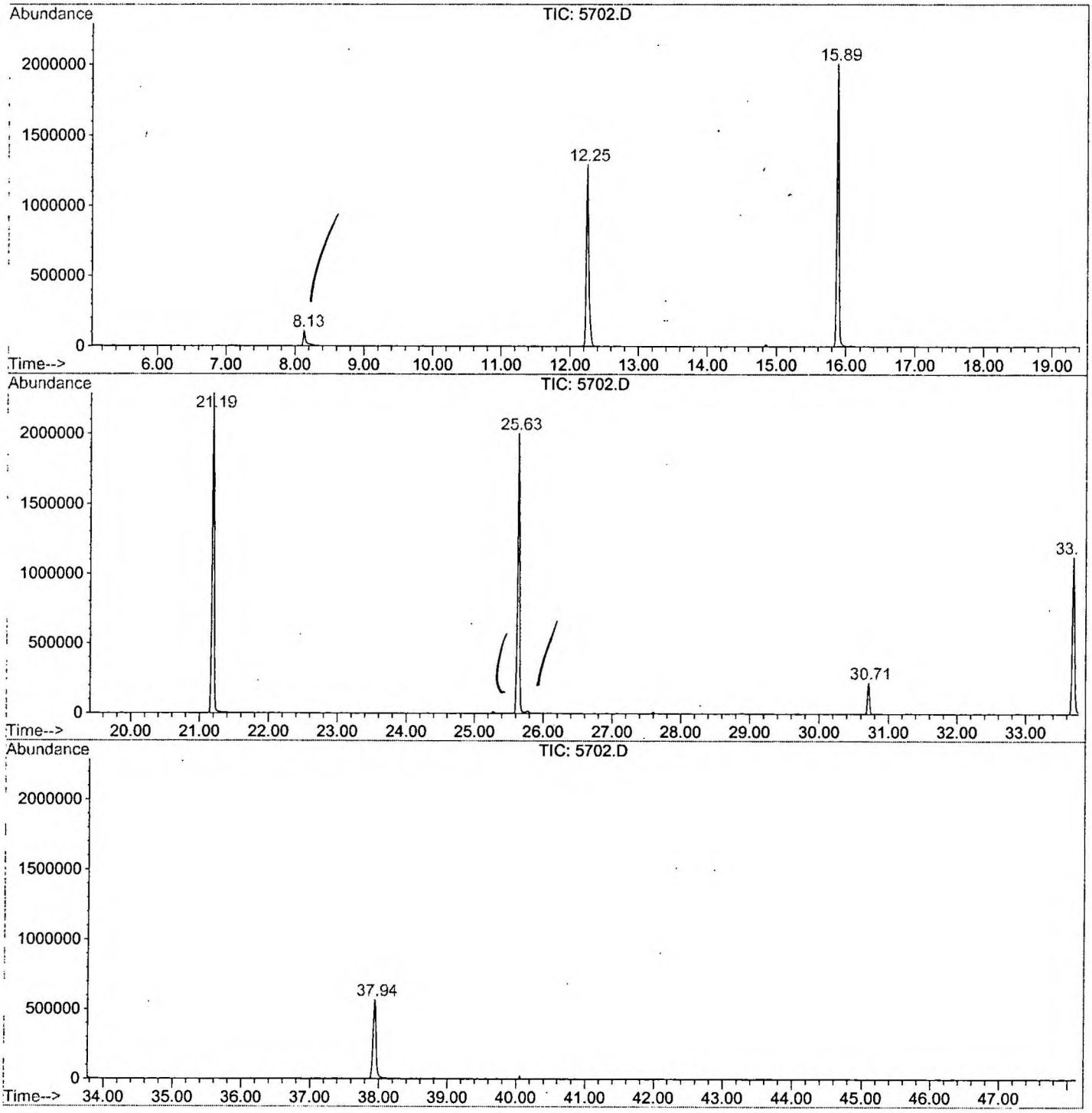
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5702.D
Operator :
Acquired : 2 Apr 2002 7:05 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 20
Quant File :GCMS0308.RES (RTE Integrator)



5702.D GCMS0403.M Fri Apr 05 10:34:52 2002

NYC-WTC_000059514

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5702.D Vial: 20
Acq On : 2 Apr 2002 7:05 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

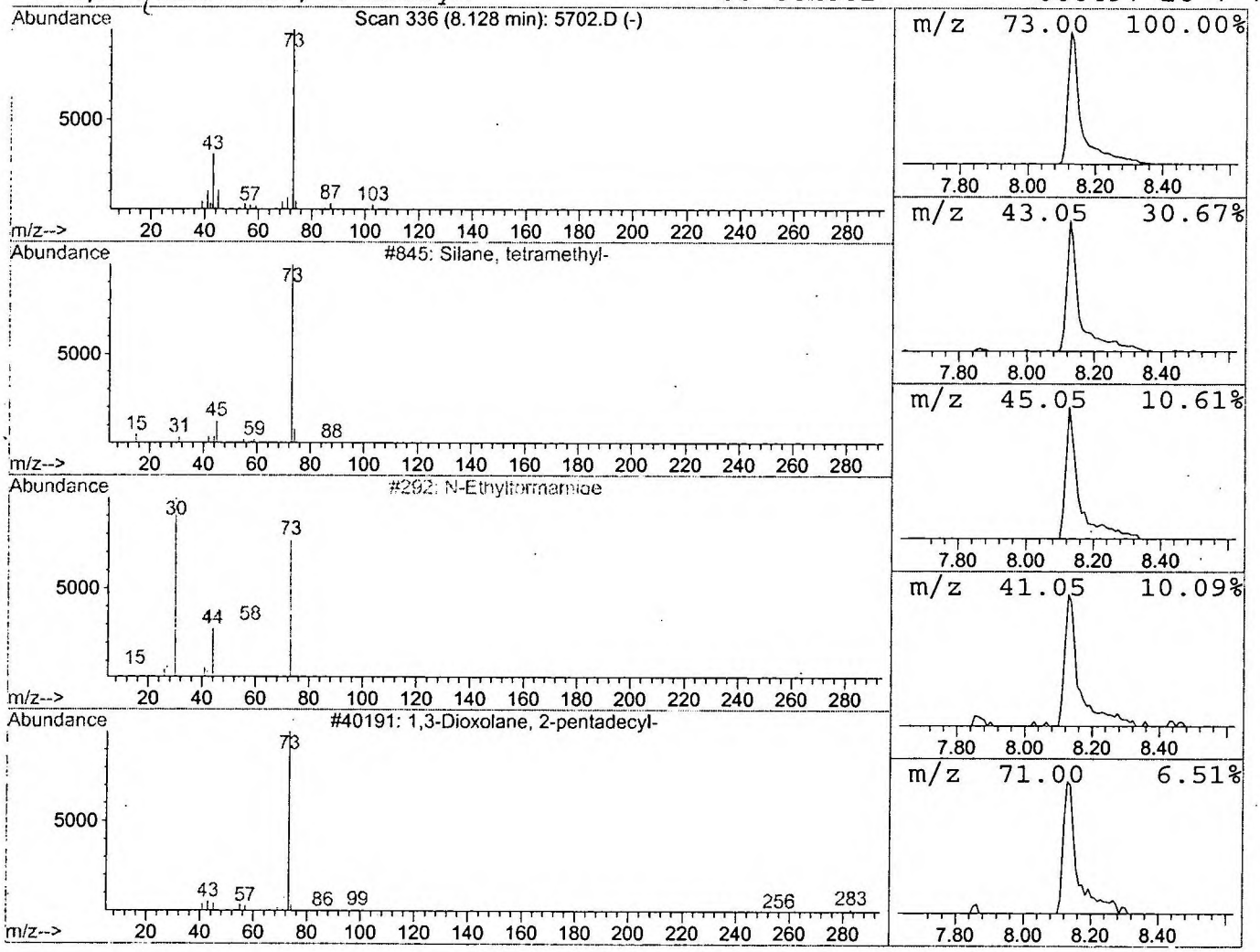
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.83 ug/l	289357	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



NYC-WTC_000059515

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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 7:05 am
Data File: C:\HPCHEM\1\DATA\APR0102\5702.D
Name: gc/ms scan 3/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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-~~	8.13	1.8	ug/l	289357	ISTD01	12.25	3169370	20.0

5702.D GCMS0403.M Fri Apr 05 10:35:00 2002