Comments for Sample AD28141 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-06-2001 Time: 11:59:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for the Surrogate Standard in this sample was 79%. Recoveries for 14 of the 44 compounds in the LCS Standard were outside of EPA 625 acceptance ranges. Soon however, GCMS method acceptance ranges will be established and used instead.

NOT ACP

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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 11:59:03

Sample: AD28141
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/6/01 11:58 Ended: 12/6/01 11:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		.

NYC-WTC_000033866

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28141.D Vial: 9
Acq On : 5 Dec 2001 8:26 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 21:15 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	853445	20.00	ug/l	0.01
15) Naphthalene-d8	15.32	136	3217891	20.00	ug/l	0.01
26) Acenaphthene-d10	20.59	164	1545013	20.00	ug/l	0.01
42) Phenanthrene-d10	25.00	188	2128008	20.00	ug/l	0.01
53) Chrysene-d12	33.04	240	1241053	20.00	ug/l	0.00
59) Perylene-d12	37.12	264	784762	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	99965	3.95	ug/mL	0.01
Spiked Amount 5.000			Recovery = 79.00%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.26	74	238	N.D.		
4) Phenol	0.00	94	0	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.37	128	469	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.		

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

NYC-WTC_000033867

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28141.D Vial: 9
Acq On : 5 Dec 2001 8:26 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 21:15 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	20.95	165	364	N.D.	
38)	Diethylphthalate	22.10	149	687	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	25.00	178	646	N.D.	
49)	Anthracene	25.00	178	646	N.D.	
50)	Di-n-butylphthalate	27.02	149	6372	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.51	149	101	N.D.	
56)	Benzo(a)anthracene	33.04	228	3002	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.31	149	14654	N.D.	
58)	Chrysene	33.04	228	3002	N.D.	
60)	Di-n-Octylphthalate	0.00	149	0	N.D.	
61)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
62)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
63)	Benzo(a)pyrene	37.13	252	2881	N.D.	
64)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

NYC-WTC_000033868

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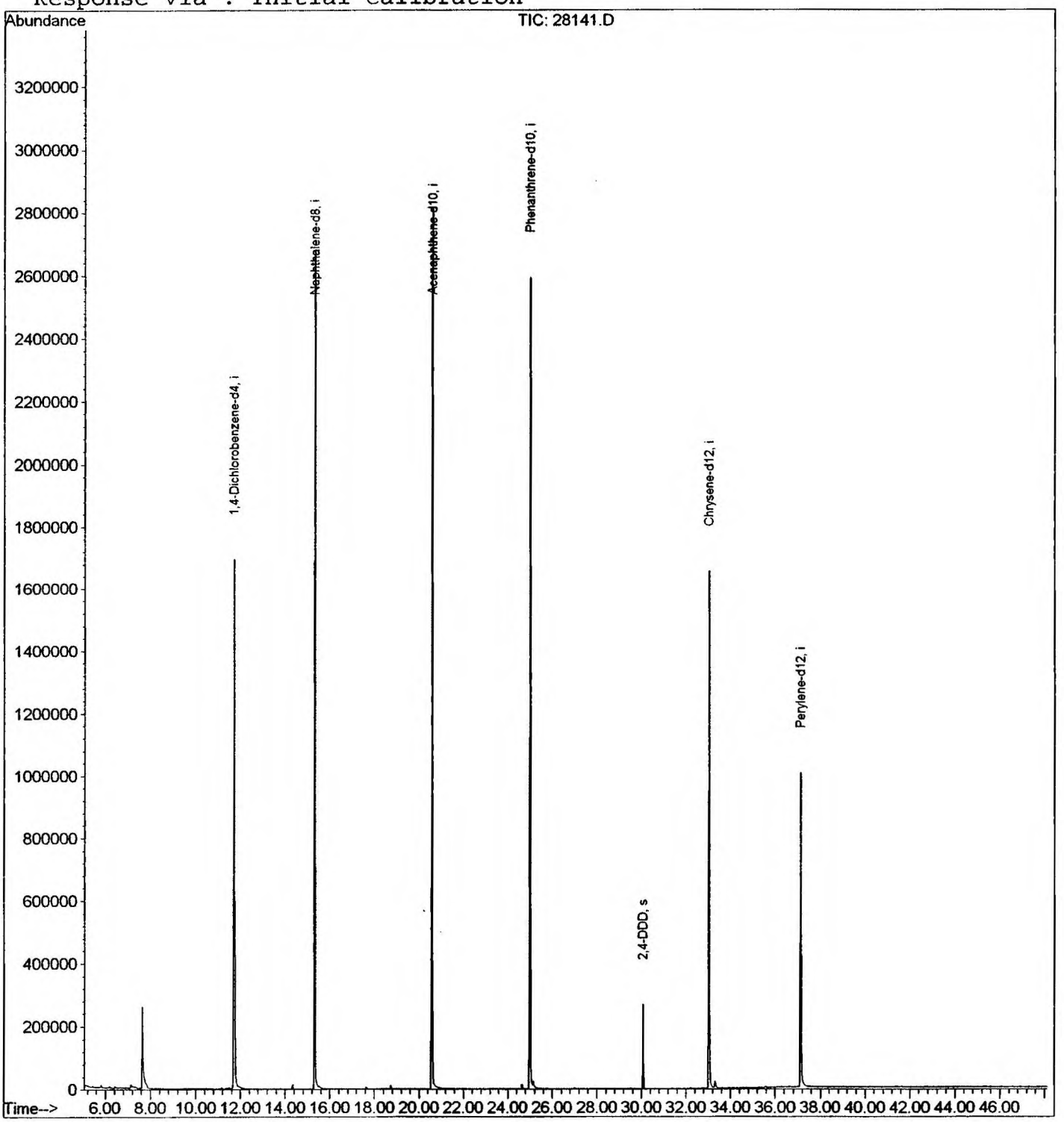
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28141.D
Acq On : 5 Dec 2001 8:26 pm
Sample : re extract
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 5 21:15 2001

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



NYC-WTC_000033869

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28141.D Vial: 9
Acq On : 5 Dec 2001 8:26 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.645	279	283	318	rVB	258368	853618	13.72%	2.781%
2	11.711	721	726	745	rBV	1693148	4584900	73.67%	14.939%
3	15.319	1113	1119	1136	rBV	2676393	6003582	96.47%	19.562%
4	20.589	1686	1693	1711	rBV	2817782	6223532	100.00%	20.279%
5	25.005	2168	2174	2186	rBV2	2591511	5650279	90.79%	18.411%
6	25.151	2186	2190	2202	rVB	22643	78827	1.27%	0.257%
7	30.081	2721	2727	2735	rBV	265872	539154	8.66%	1.757%
8	33.037	3042	3049	3069	rBV2	1653655	3890537	62.51%	12.677%
9	37.123	3487	3494	3517	rBV2	1000660	2865584	46.04%	9.337%

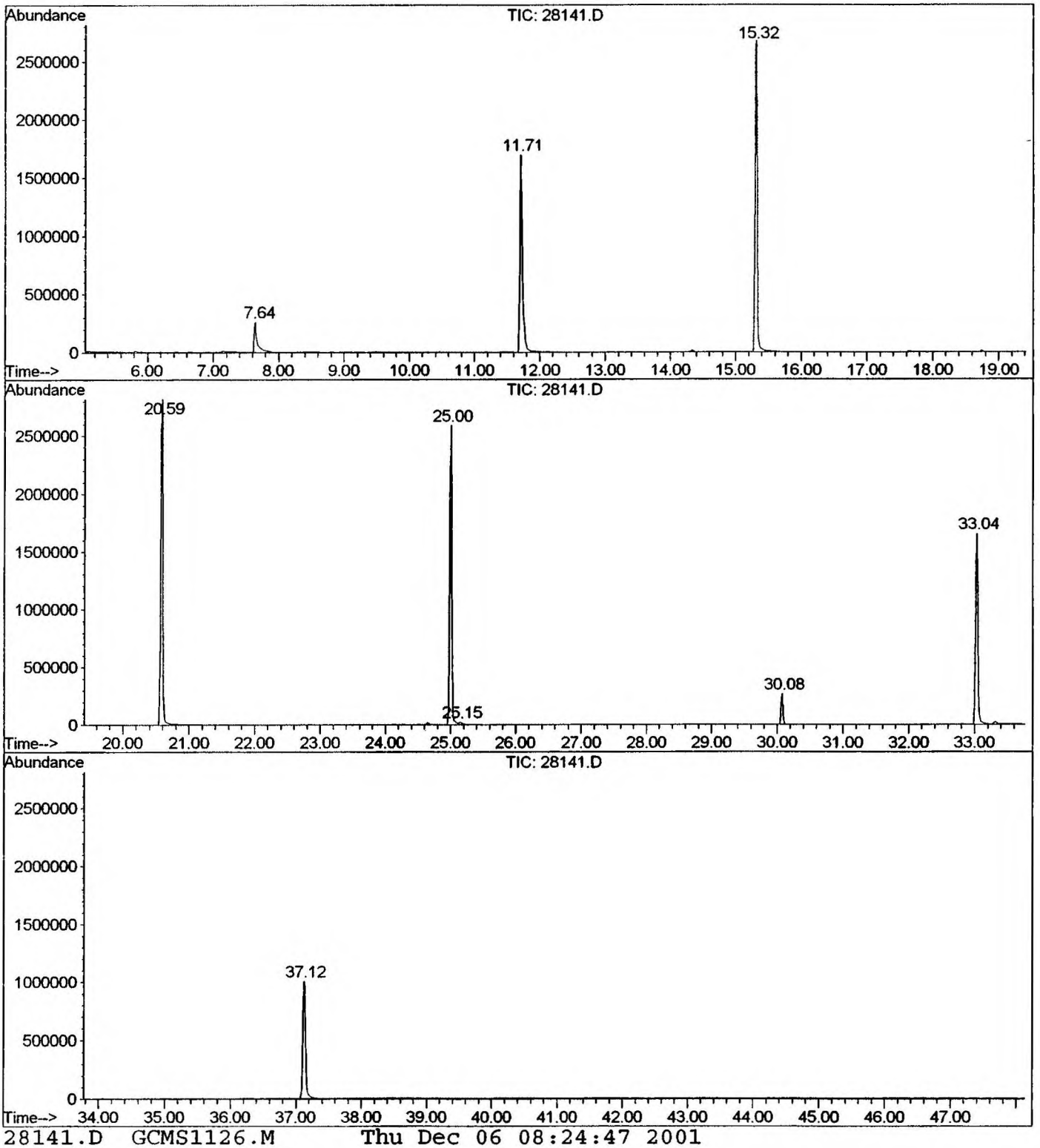
Sum of corrected areas: 30690013

28141.D GCMS1126.M Thu Dec 06 08:24:44 2001

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\28141.D
Operator : 209 GALOS
Acquired : 5 Dec 2001 8:26 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: re extract
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



28141.D GCMS1126.M Thu Dec 06 08:24:47 2001

NYC-WTC_000033871

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28141.D Vial: 9
Acq On : 5 Dec 2001 8:26 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

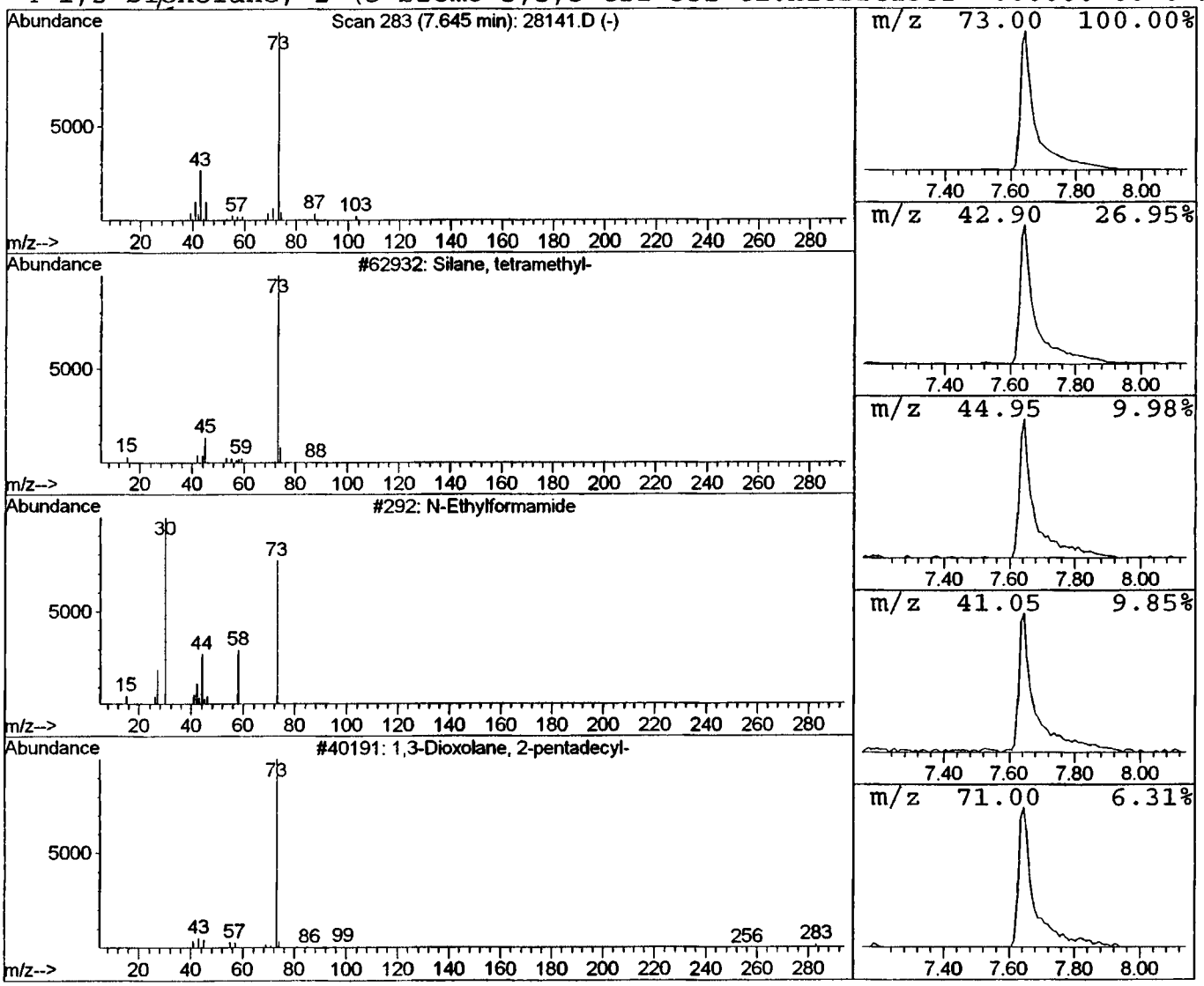
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.72 ug/l	853618	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 8:26 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\28141.D
Name: re extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-	7.64	3.7	ug/l	853618	ISTD01	11.71	4584900	20.0

28141.D GCMS1126.M Thu Dec 06 08:24:51 2001