NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:05:26

Sample: AD30107
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 15:04 Ended: 1/9/02 15:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AD30107 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 15:05:29

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\30107.D Vial: 16
Acq On : 28 Dec 2001 2:44 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/12A Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:05 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1193577	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4622274	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2290607	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3365898m	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	2127950	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1362592	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	200978	4.13	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 82.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	1288	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	15.33	128	1375	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	21.32	165	255	N.D.		
25) Diethylphthalate	22.13	149	1103	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\DEC2701\30107.D Vial: 16
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	25.05	178	419	N.D.	
34)	Anthracene	25.05	178	419	N.D.	
35)	Di-n-butylphthalate	27.01	149	68325	0.29 ug/l	#
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	33.02	228	5148	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	9945	N.D.	
43)	Chrysene	33.02	228	5148	N.D.	
45)	Di-n-Octylphthalate	35.06	149	403	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	37.12	252	5766	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

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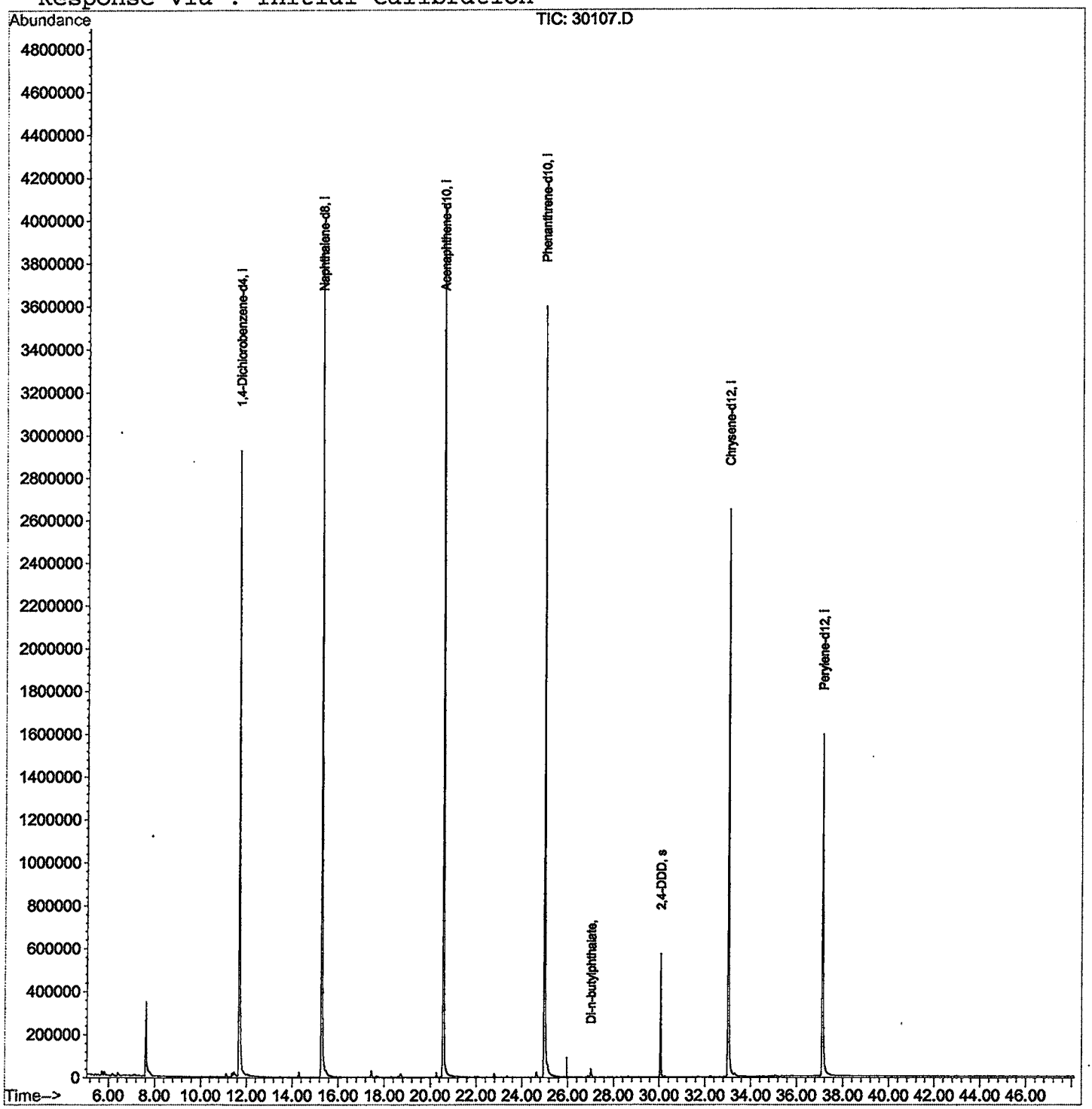
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30107.D
Acq On : 28 Dec 2001 2:44 am
Sample : GC/MS SCAN 12/12A
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:05 2001

Vial: 16
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30107.D Vial: 16
Acq On : 28 Dec 2001 2:44 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/12A 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	7.612	276	280	296	rBV	344387	972031	9.66%	1.936%
2	11.679	718	723	758	rBV	2921687	7514163	74.65%	14.967%
3	15.277	1109	1115	1134	rBV	3877515	9227346	91.67%	18.380%
4	20.556	1684	1690	1725	rBV	4077988	10065704	100.00%	20.050%
5	24.981	2165	2172	2186	rBV2	3598031	9170440	91.11%	18.266%
6	27.010	2387	2393	2403	rBV	40398	118357	1.18%	0.236%
7	30.058	2720	2725	2740	rBV	572482	1247924	12.40%	2.486%
8	33.023	3041	3048	3074	rBV2	2644144	6832366	67.88%	13.609%
9	37.117	3486	3494	3521	rBV2	1588451	5055811	50.23%	10.071%

Sum of corrected areas: 50204142

30107.D GCMS1126.M Wed Jan 02 09:46:23 2002

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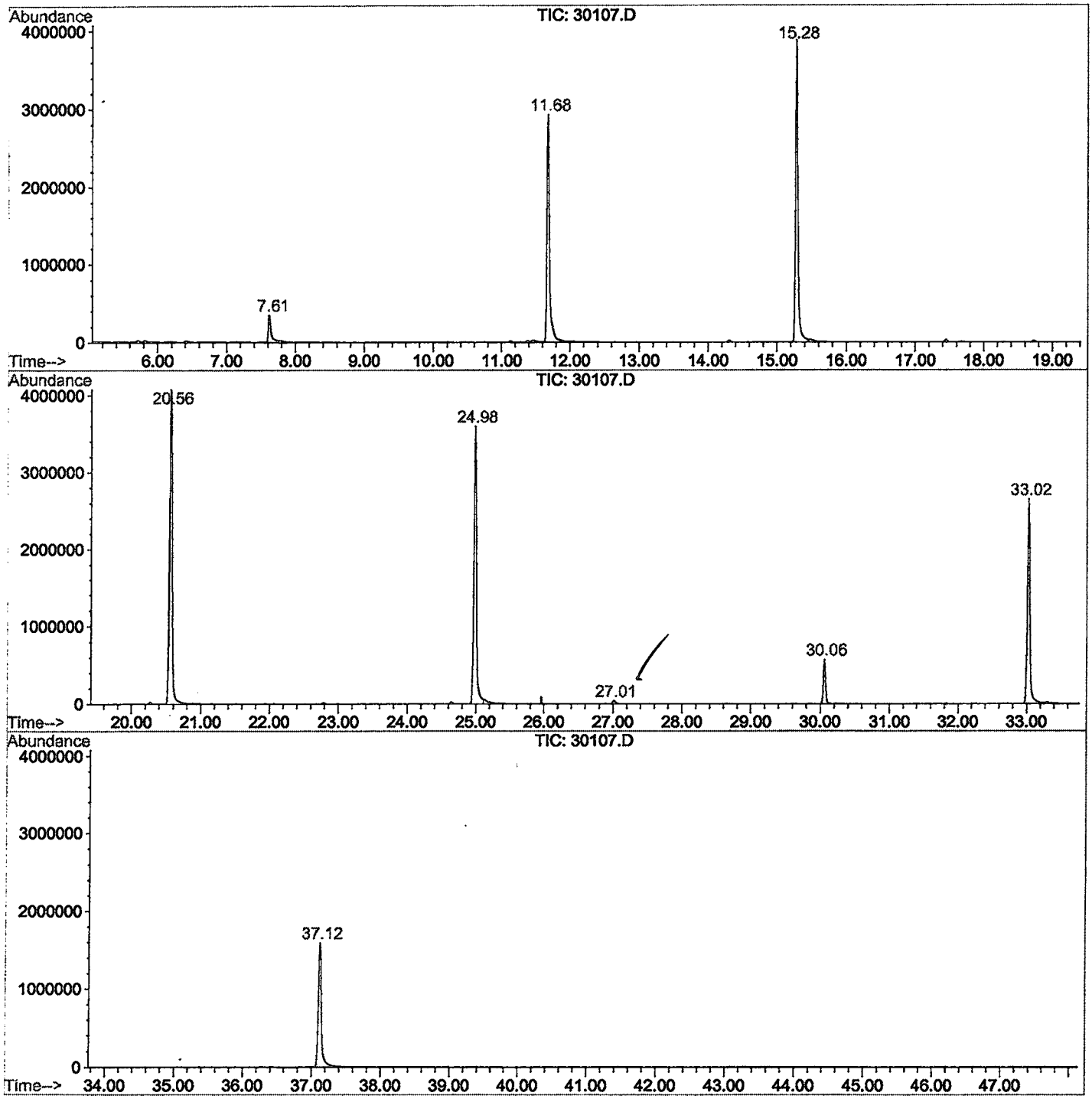
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\30107.D
Operator : 209 GALOS
Acquired : 28 Dec 2001 2:44 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/12A
Misc Info :
Vial Number: 16
Quant File :GCMS1126.RES (RTE Integrator)



30107.D GCMS1126.M Wed Jan 02 09:46:29 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30107.D
Acq On : 28 Dec 2001 2:44 am
Sample : GC/MS SCAN 12/12A
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

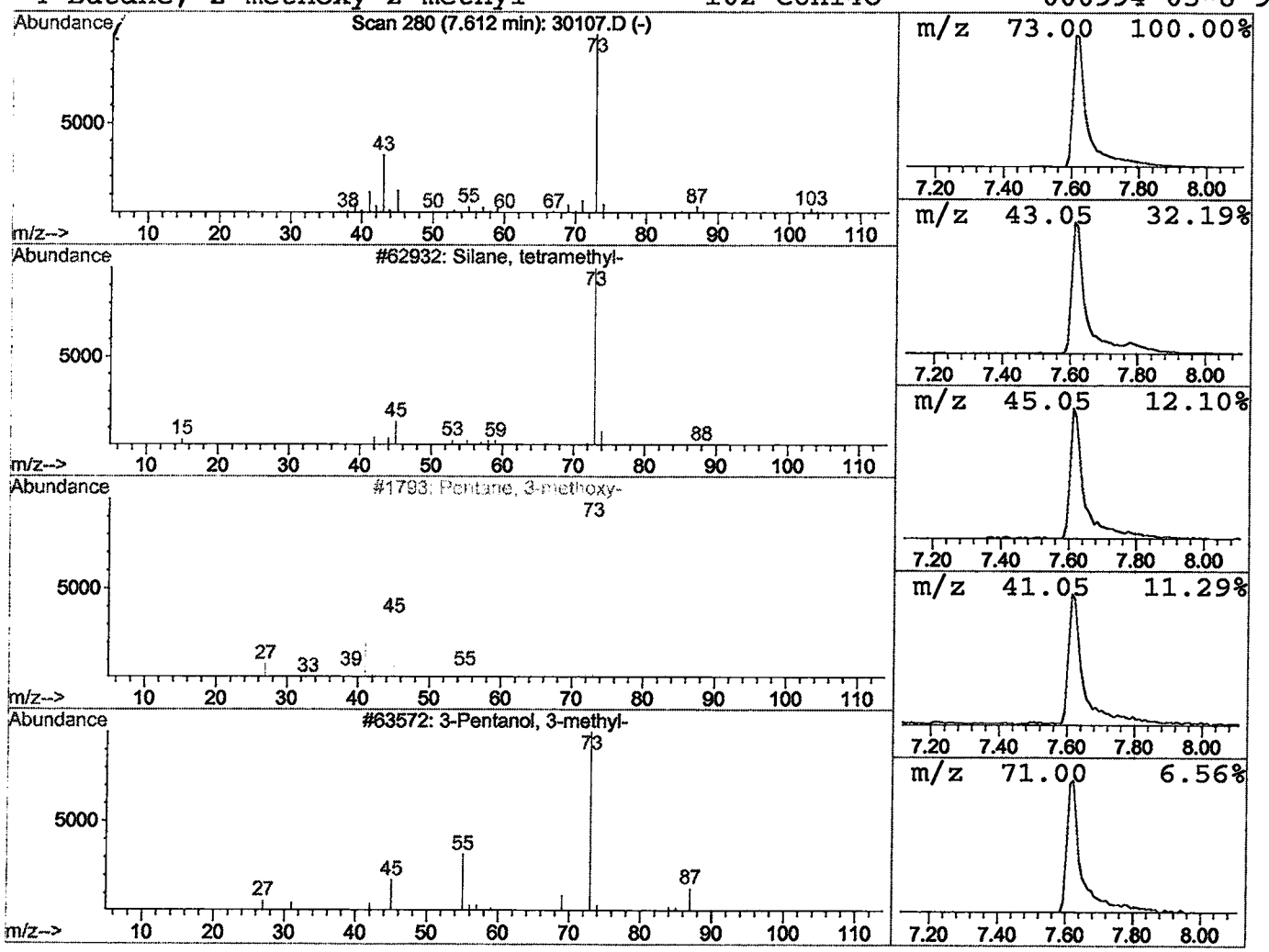
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.59 ug/l	972031	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 2:44 am
Data File: C:\HPCHEM\1\DATA\DEC2701\30107.D
Name: GC/MS SCAN 12/12A
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-	7.61	2.6	ug/l	972031	ISTD01	11.68	7514160	20.0

30107.D GCMS1126.M Wed Jan 02 09:46:38 2002