NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:20:04

Sample: AD29519
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:19 Ended: 1/22/02 10:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD29519 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:20:17

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 above its acceptance range.

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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29519.D Vial: 22
Acq On : 4 Jan 2002 7:00 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 7:49 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	659542	20.00	ug/l	-0.17
10) Naphthalene-d8	15.12	136	2570005	20.00	ug/l	-0.19
17) Acenaphthene-d10	20.39	164	1290434	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.80	188	1813895	20.00	ug/l	-0.19
38) Chrysene-d12	32.83	240	1103583	20.00	ug/l	-0.21
44) Perylene-d12	36.89	264	656207	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	97986	4.91	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 98.20%			
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	15.18	128	1974	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	20.75	165	272	N.D.		
25) Diethylphthalate	21.91	149	628	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29519.D Vial: 22
Acq On : 4 Jan 2002 7:00 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 7:49 2002 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 28 15:11:00 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	24.86	178	441	N.D.	
34)	Anthracene	24.86	178	441	N.D.	
35)	Di-n-butylphthalate	26.83	149	3307	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	32.83	228	2738	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.12	149	961	N.D.	
43)	Chrysene	32.83	228	2738	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.87	252	177	N.D.	
47)	Benzo(k)fluoranthene	35.87	252	177	N.D.	
48)	Benzo(a)pyrene	36.90	252	2915	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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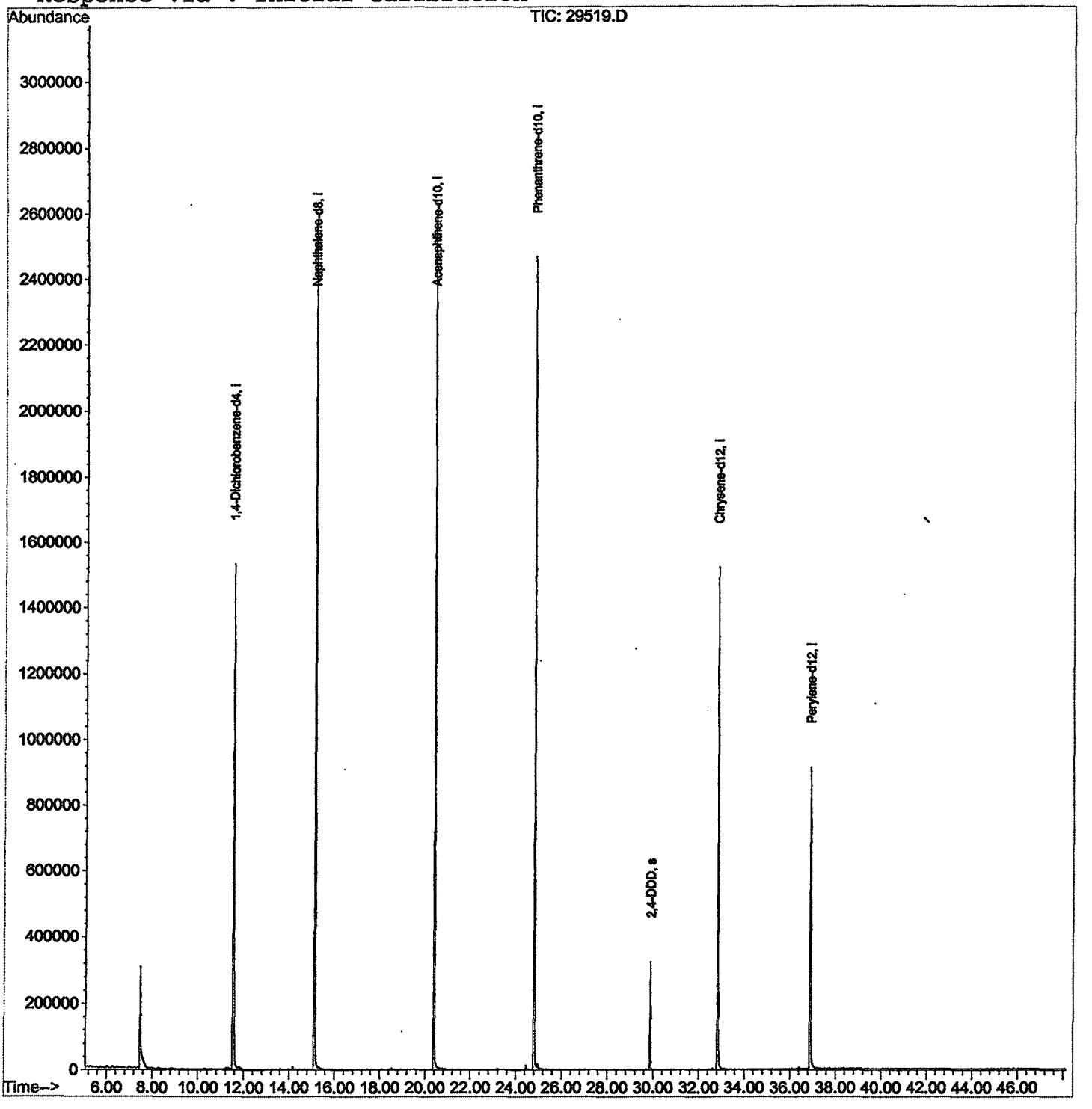
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29519.D
Acq On : 4 Jan 2002 7:00 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 4 7:49 2002

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29519.D Vial: 22
Acq On : 4 Jan 2002 7:00 am Operator: 209 GALOS
Sample : gcms scan 1/2 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	7.462	259	263	277	rBV	306054	883192	16.35%	3.218%
2	11.520	701	705	726	rBV	1531457	4147410	76.80%	15.113%
3	15.118	1092	1097	1115	rBV	2562450	5268729	97.56%	19.199%
4	20.388	1665	1671	1694	rBV	2640802	5400331	100.00%	19.679%
5	24.803	2146	2152	2164	rBV2	2467180	5112638	94.67%	18.631%
6	29.880	2700	2705	2711	rBV	322371	597650	11.07%	2.178%
7	32.827	3020	3026	3044	rBV2	1521987	3560649	65.93%	12.975%
8	36.894	3462	3469	3487	rBV	911822	2471686	45.77%	9.007%

Sum of corrected areas: 27442285

29519.D GCMS0103.M Fri Jan 11 08:33:05 2002

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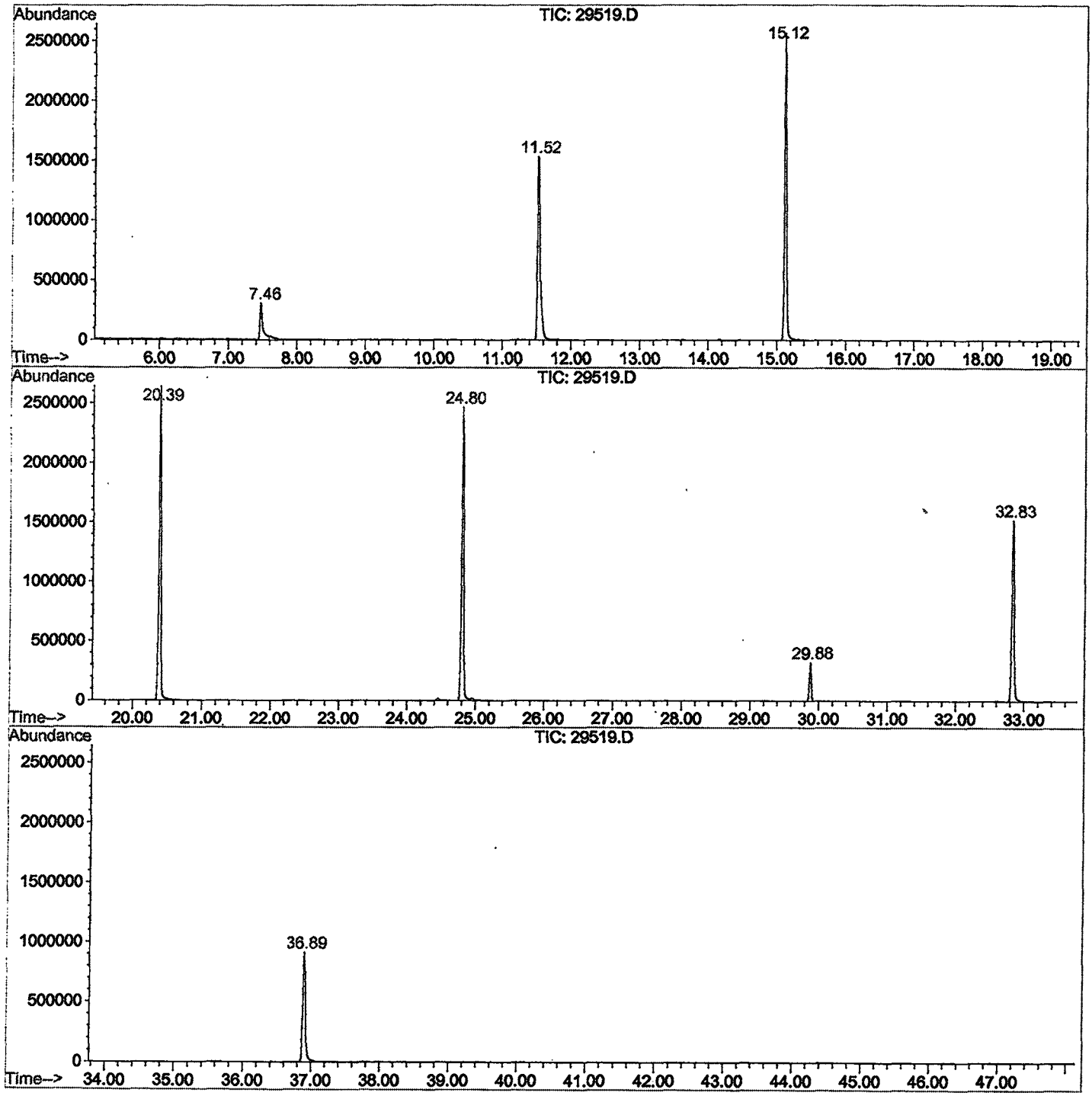
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29519.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 7:00 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 22
Quant File :GCMS1126.RES (RTE Integrator)



29519.D GCMS0103.M Fri Jan 11 08:33:11 2002

NYC-WTC_000049867

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29519.D
Acq On : 4 Jan 2002 7:00 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

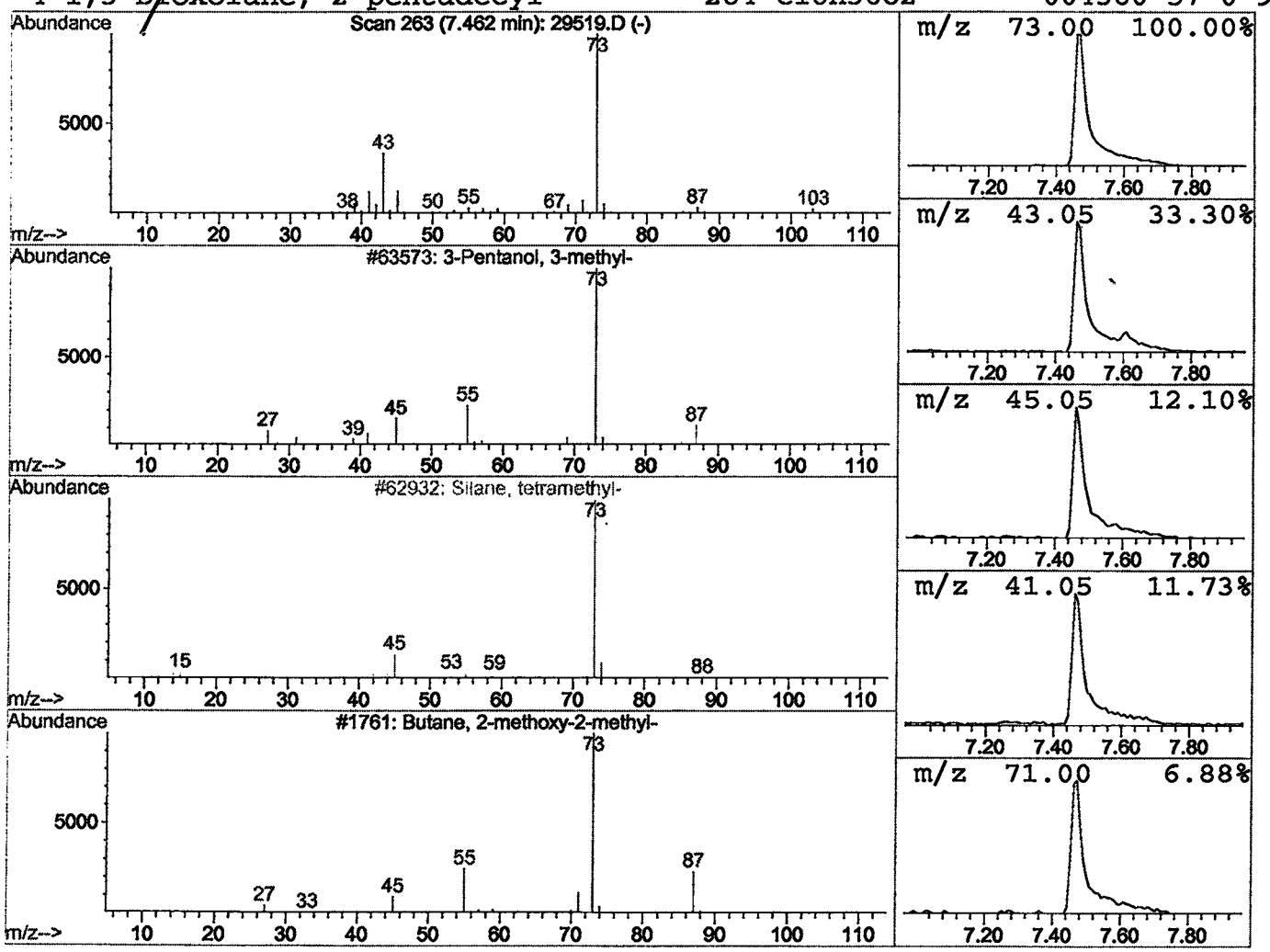
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.26 ug/l	883192	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 7:00 am
Data File: C:\HPCHEM\1\DATA\JAN0302\29519.D
Name: gcms scan 1/2
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
3-~~Pentanol,~~ 3-methyl	7.46	4.3	ug/l	883192	ISTD01	11.53	4147410	20.0

29519.D GCMS0103.M Fri Jan 11 08:33:20 2002