User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:43:03

Sample: AD30117
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:42 Ended: 1/9/02 16:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AD30117 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:43:12

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.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D Vial: 10
Acq On : 3 Jan 2002 7:21 pm Operator: 209 GALOS
Sample : gcms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 20:10 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	1142039	20.00	ug/l	-0.17
10) Naphthalene-d8	15.13	136	4374308	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.40	164	2155738	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	3230963	20.00	ug/l	-0.18
38) Chrysene-d12	32.84	240	1914883	20.00	ug/l	-0.20
44) Perylene-d12	36.91	264	1107318	20.00	ug/l	-0.21
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	168770	4.75	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 95.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	454	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	12.89	77	199	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	15.17	128	2515	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	21.09	165	196	N.D.		
25) Diethylphthalate	21.92	149	1035	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D Vial: 10
Acq On : 3 Jan 2002 7:21 pm Operator: 209 GALOS
Sample : gcms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 20:10 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

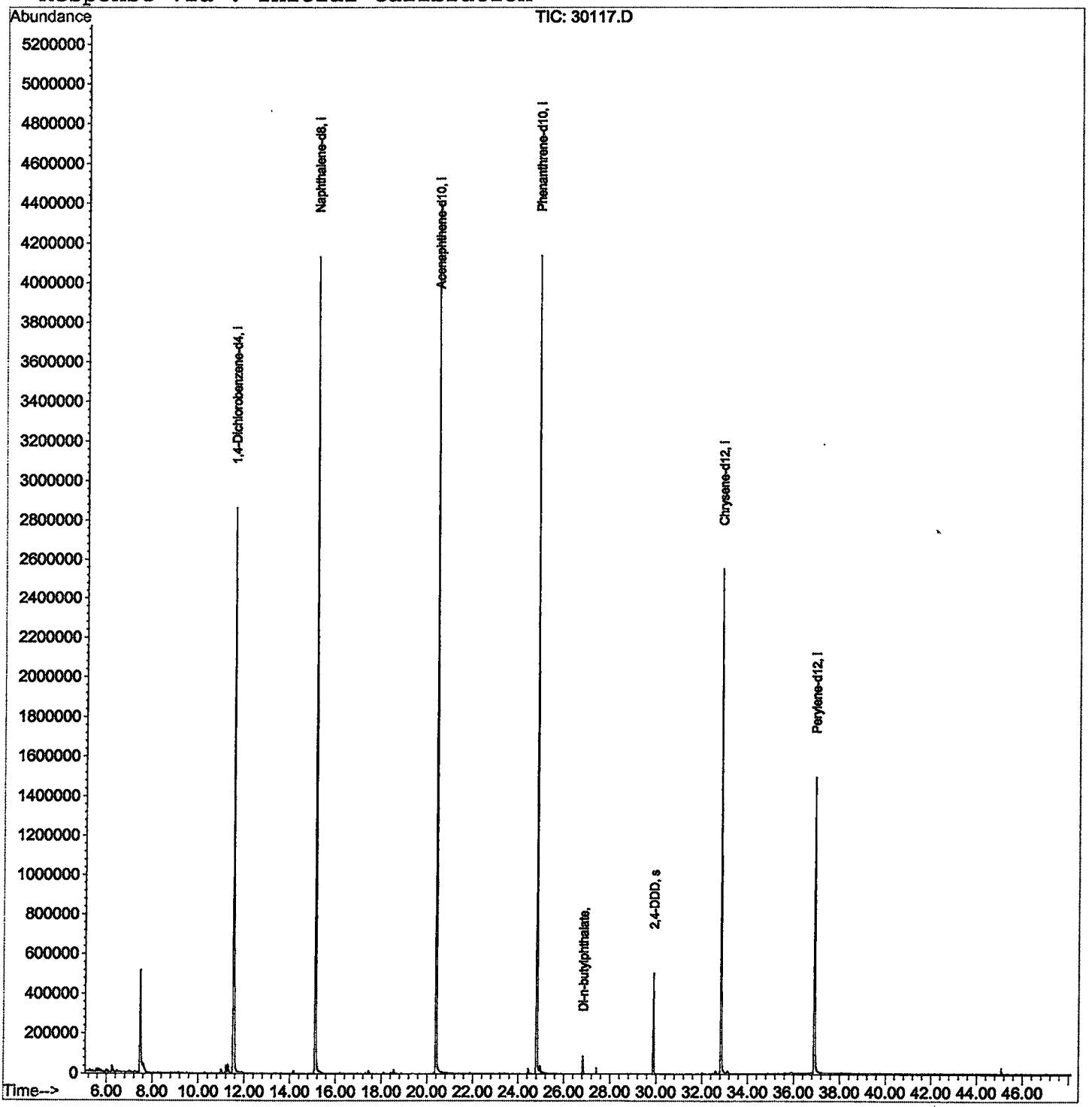
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.88	178	894	N.D.	
34)	Anthracene	24.88	178	894	N.D.	
35)	Di-n-butylphthalate	26.83	149	99583	0.44 ug/l #	97
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.17	202	103	N.D.	
40)	Butylbenzylphthalate	31.33	149	822	N.D.	
41)	Benzo(a)anthracene	32.84	228	7342	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	7762	N.D.	
43)	Chrysene	32.91	228	2485	N.D.	
45)	Di-n-Octylphthalate	34.87	149	2459	N.D.	
46)	Benzo(b)fluoranthene	35.93	252	10078	N.D.	
47)	Benzo(k)fluoranthene	35.93	252	6701	N.D.	
48)	Benzo(a)pyrene	36.75	252	3175	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.53	276	858	N.D.	
50)	Dibenz(a,h)anthracene	40.58	278	199	N.D.	
51)	Benzo(g,h,i)perylene	41.57	276	1014	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D Vial: 10
Acq On : 3 Jan 2002 7:21 pm Operator: 209 GALOS
Sample : gcms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 20:10 2002 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D Vial: 10
Acq On : 3 Jan 2002 7:21 pm Operator: 209 GALOS
Sample : gcms scan 12/12 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

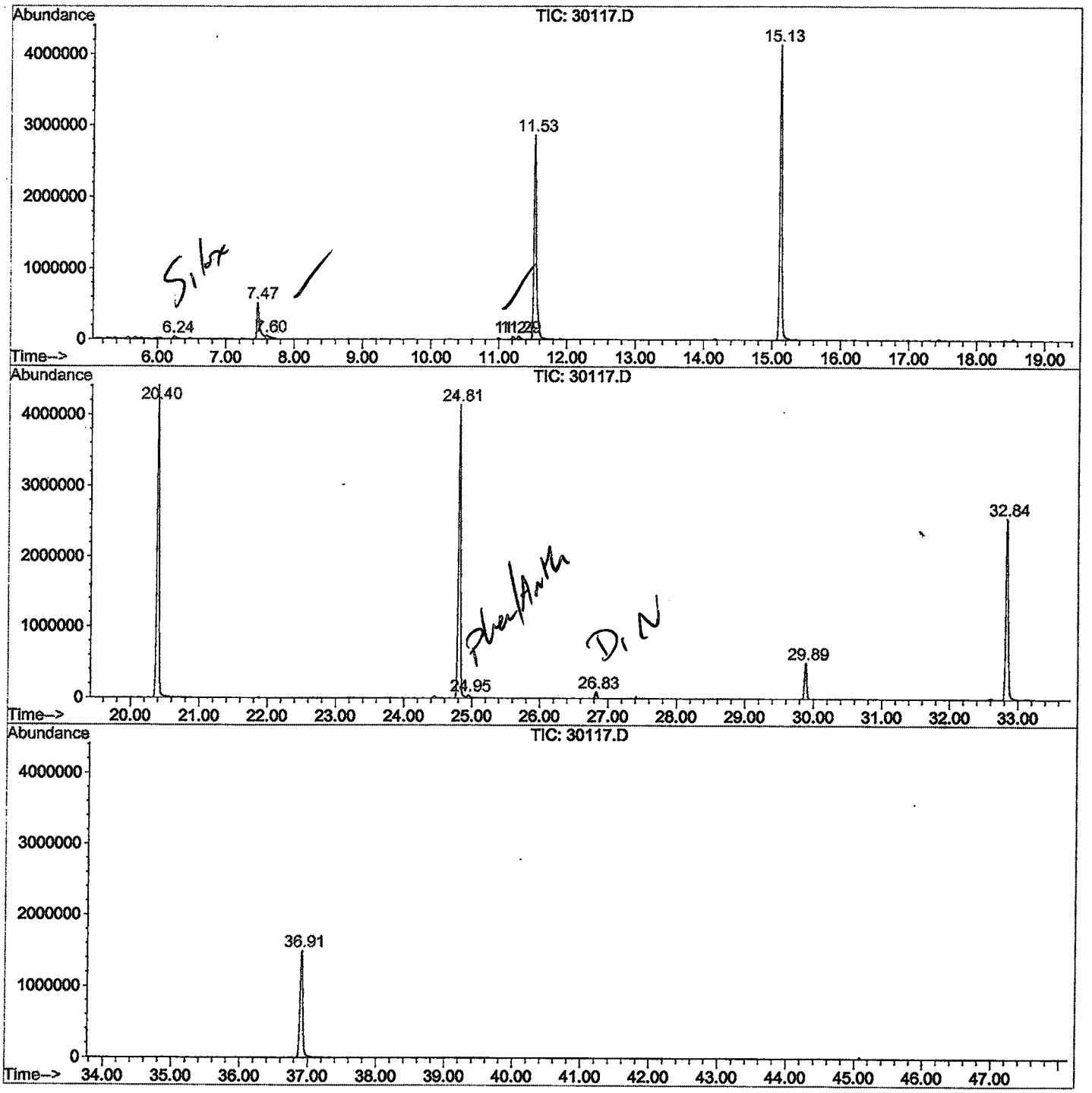
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.240	127	130	149	rBV	32868	103860	1.10%	0.216%
2	7.470	259	264	276	rBV	514490	1385798	14.70%	2.878%
3	7.599	276	278	296	rVB	45640	196885	2.09%	0.409%
4	11.207	668	671	677	rBV	40008	95600	1.01%	0.199%
5	11.289	677	680	697	rVB	43352	125539	1.33%	0.261%
6	11.528	700	706	729	rBV	2862860	7272928	77.14%	15.105%
7	15.127	1092	1098	1116	rBV	4131314	8907156	94.47%	18.499%
8	20.396	1663	1672	1700	rBV	4412508	9428708	100.00%	19.582%
9	24.812	2146	2153	2164	rBV2	4137989	8993453	95.38%	18.678%
10	24.950	2164	2168	2180	rVB	36594	107873	1.14%	0.224%
11	26.832	2367	2373	2379	rBV	89086	178355	1.89%	0.370%
12	29.889	2700	2706	2712	rBV	504594	1033741	10.96%	2.147%
13	32.835	3020	3027	3048	rBV2	2552960	6195126	65.70%	12.866%
14	36.912	3463	3471	3488	rBV2	1494192	4125583	43.76%	8.568%

Sum of corrected areas: 48150605

30117.D GCMS0103.M Mon Jan 07 10:33:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\30117.D
Operator : 209 GALOS
Acquired : 3 Jan 2002 7:21 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/12
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



30117.D GCMS0103.M Mon Jan 07 10:33:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D
Acq On : 3 Jan 2002 7:21 pm
Sample : gcms scan 12/12
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

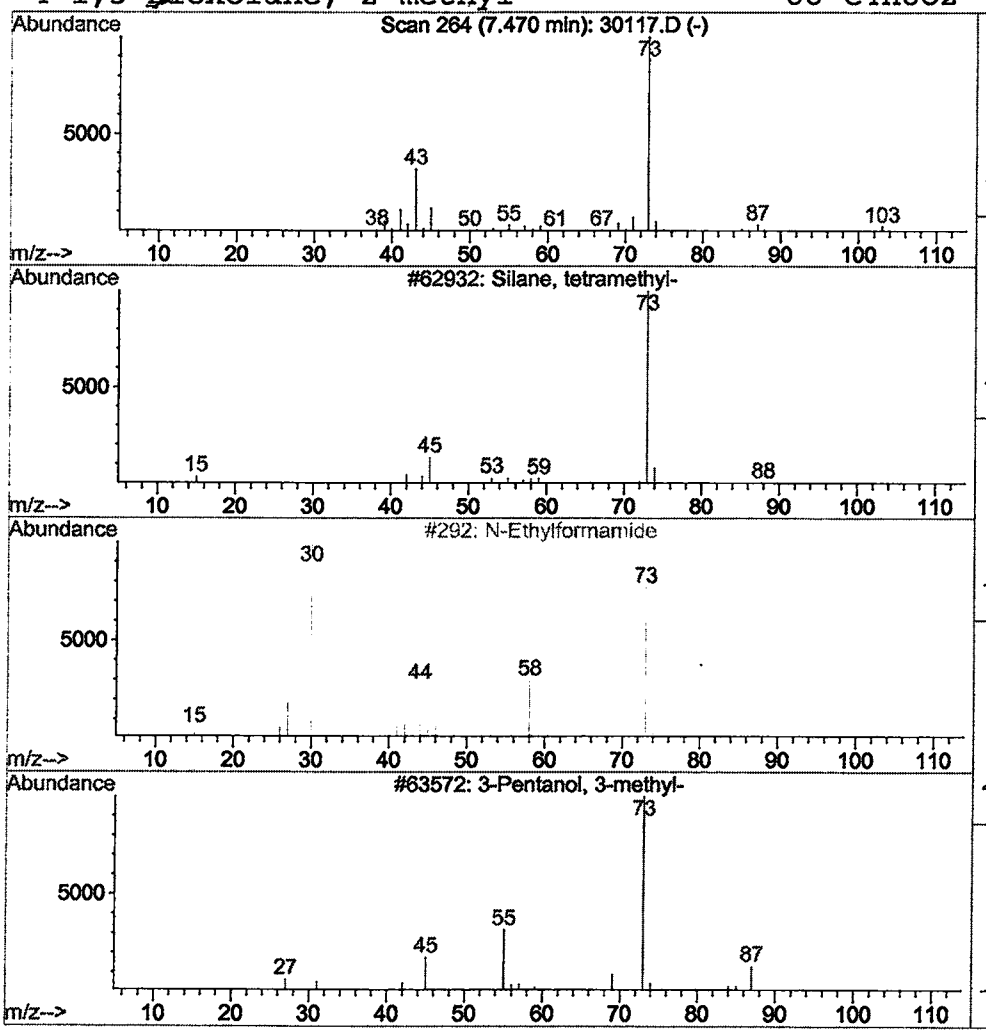
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

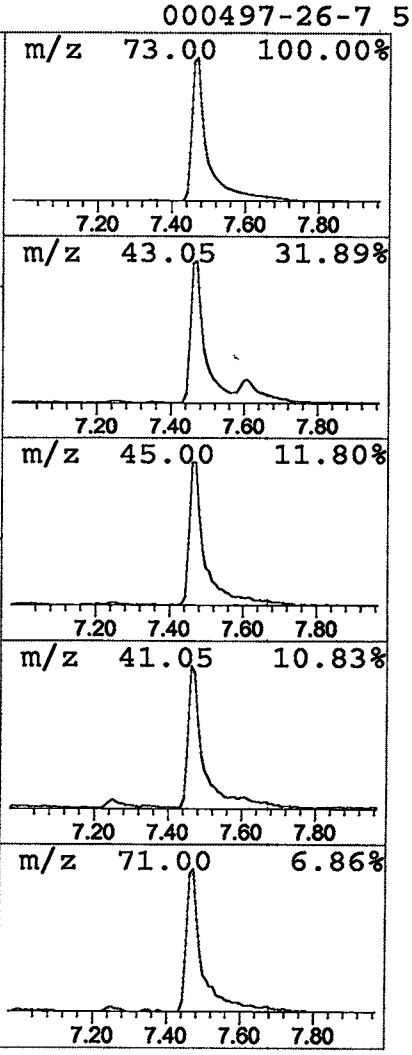
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.81 ug/l	1385800	1,4-Dichlorobenzene-d4	11.53

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\30117.D
Acq On : 3 Jan 2002 7:21 pm
Sample : gcms scan 12/12
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

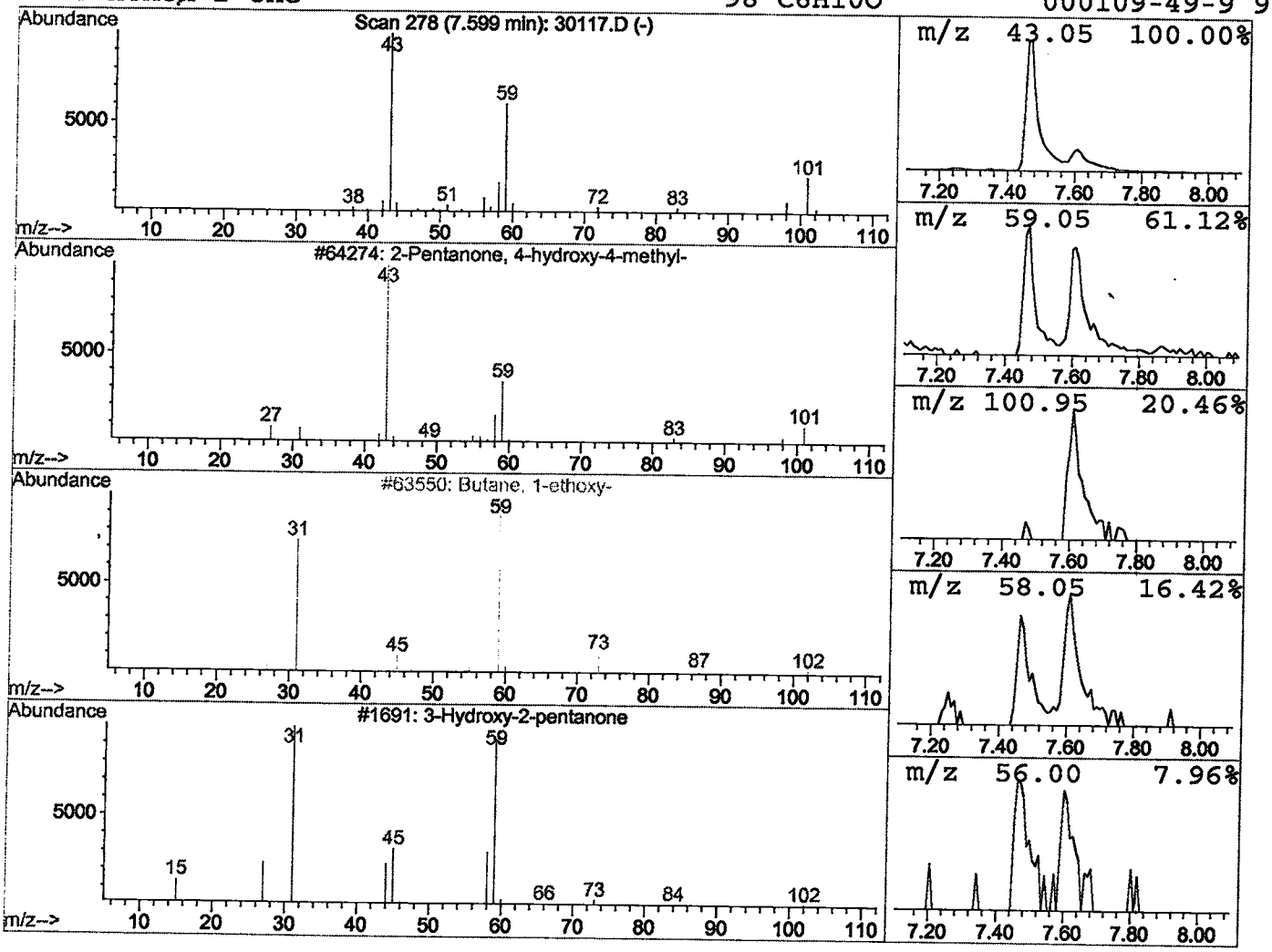
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	0.54 ug/l	196885	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Jan 2002 7:21 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\30117.D
Name: gcms scan 12/12
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-	7.47	3.8	ug/l	1385800	ISTD01	11.53	7272930	20.0
2-Pentanone, 4-hydro	7.60	0.5	ug/l	196885	ISTD01	11.53	7272930	20.0

30117.D GCMS0103.M Mon Jan 07 10:34:14 2002