User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:11:25

Sample: AD30350
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:09 Ended: 1/18/02 17:09 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 AD30350 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:11:39

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30350.D Vial: 18
Acq On : 1 Jan 2002 3:29 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 4:18 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	11.68	152	813085	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3168407	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1619786	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	2322155	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1372604	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	792815	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	133897	5.24	ug/mL	0.00
Spiked Amount 5.000			Recovery = 104.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.34	74	111	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	15.34	128	978	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	20.66	153	335	N.D.		
24) 2,4-Dinitrotoluene	21.14	165	401	N.D.		
25) Diethylphthalate	22.16	149	1430	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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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

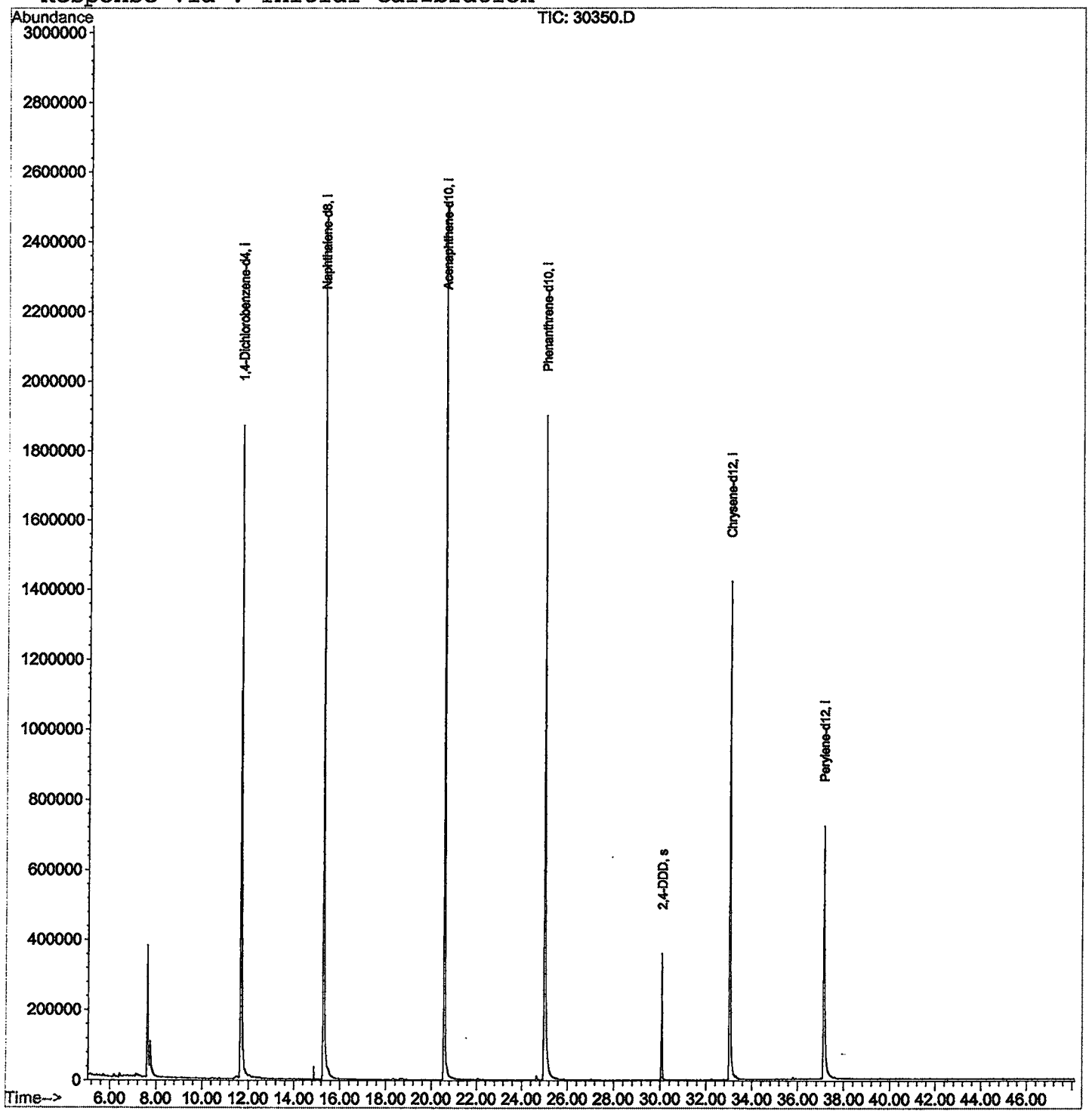
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	635	N.D.	
34)	Anthracene	25.05	178	635	N.D.	
35)	Di-n-butylphthalate	27.05	149	5695	N.D.	
36)	Fluoranthene	28.82	202	565	N.D.	
39)	Pyrene	29.48	202	985	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.02	228	4937	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	4122	N.D.	
43)	Chrysene	33.02	228	4937	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	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.13	252	2983	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30350.D Vial: 18
Acq On : 1 Jan 2002 3:29 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 4:18 2002 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30350.D Vial: 18
Acq On : 1 Jan 2002 3:29 am Operator: 209 GALOS
Sample : gcms scan 12/14a 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

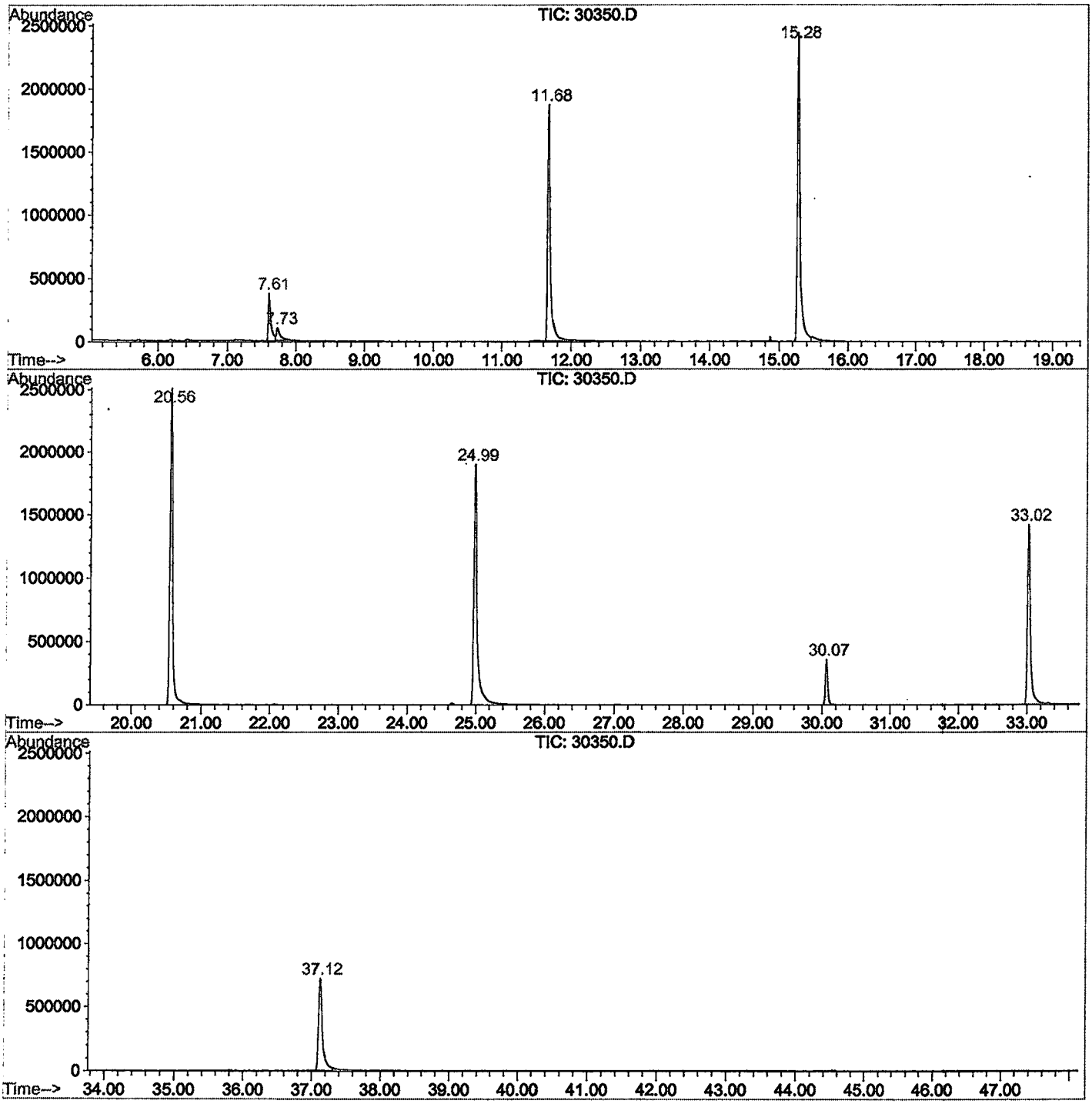
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	290	rBV	375064	977546	14.39%	2.865%
2	7.730	290	293	315	rVB	99841	399208	5.88%	1.170%
3	11.678	718	723	759	rBV	1867472	5121408	75.38%	15.011%
4	15.277	1110	1115	1135	rBV	2440781	6314520	92.95%	18.508%
5	20.564	1684	1691	1715	rBV	2512014	6793771	100.00%	19.912%
6	24.989	2166	2173	2212	rBV2	1901132	6457539	95.05%	18.927%
7	30.066	2720	2726	2740	rBV	360295	851611	12.54%	2.496%
8	33.022	3042	3048	3074	rBV2	1420424	4391300	64.64%	12.871%
9	37.116	3487	3494	3515	rBV2	718385	2811493	41.38%	8.240%

Sum of corrected areas: 34118396

30350.D GCMS1126.M Tue Jan 15 14:48:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30350.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 3:29 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14a
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



30350.D GCMS1126.M Tue Jan 15 14:48:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30350.D
Acq On : 1 Jan 2002 3:29 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params:· LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

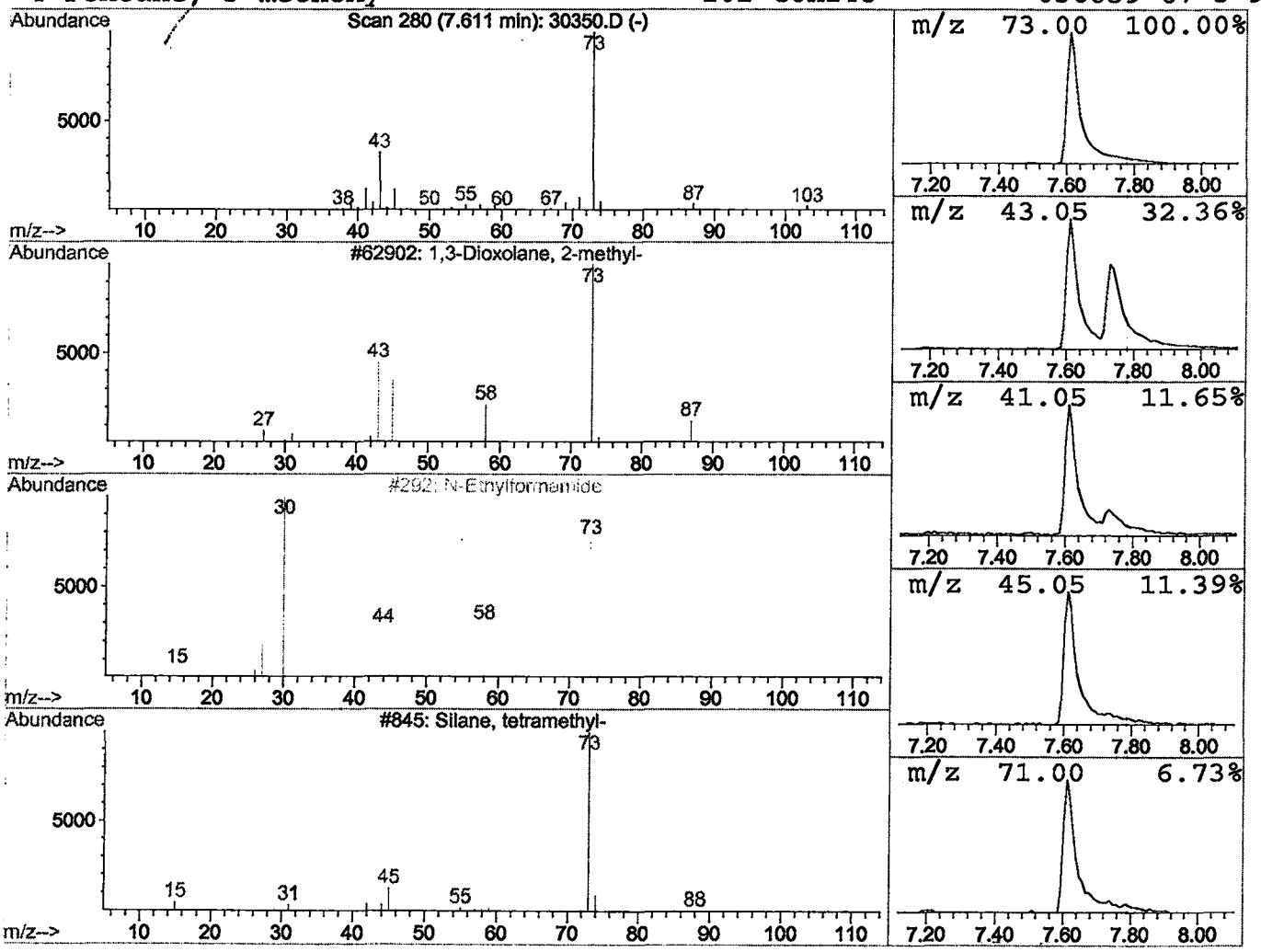
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.82 ug/l	977546	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30350.D
Acq On : 1 Jan 2002 3:29 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

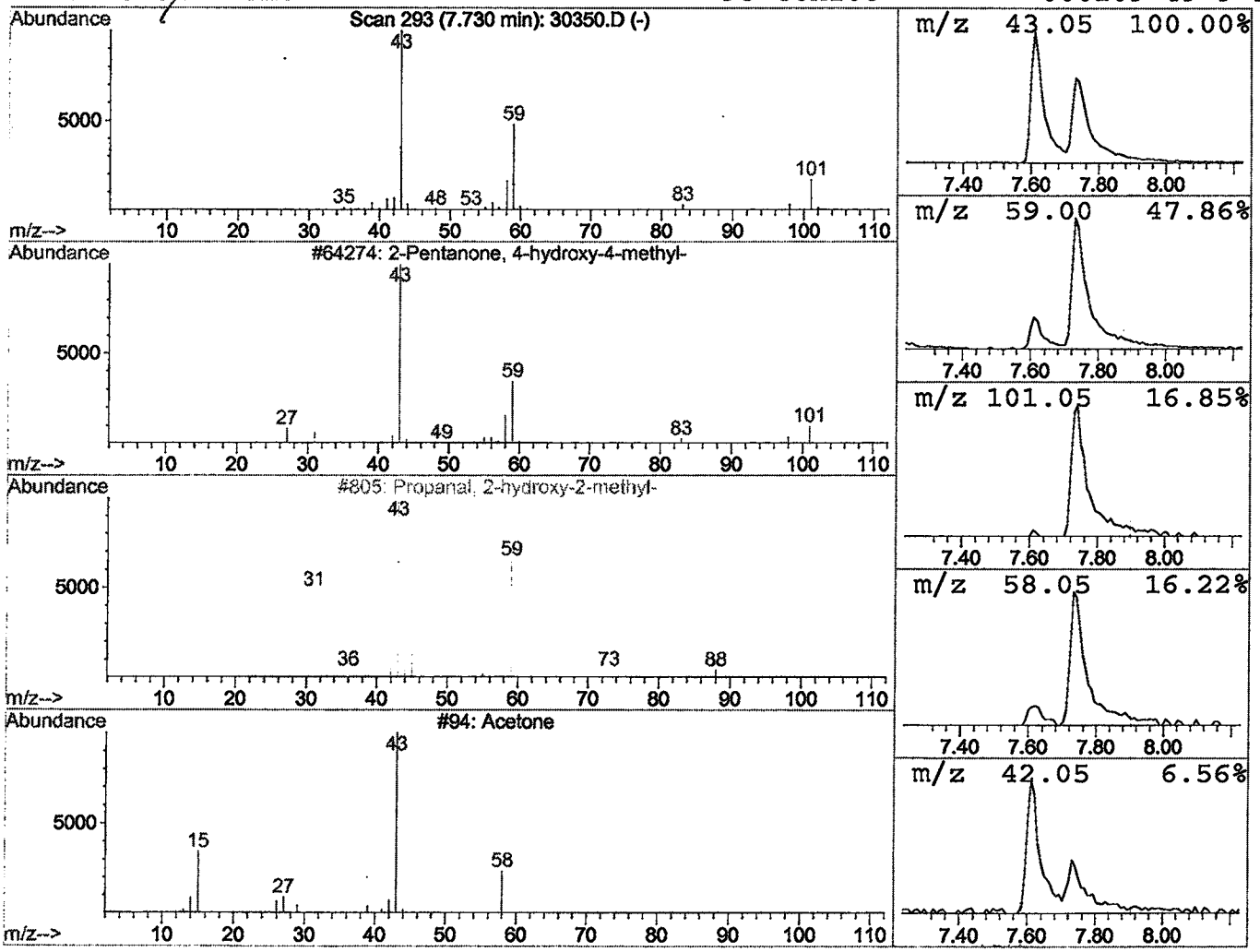
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	1.56 ug/l	399208	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	33
3	Acetone	58	C3H6O	000067-64-1	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 3:29 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30350.D
Name: gcms scan 12/14a
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
1,3-Dioxolane, 2-met	7.61	3.8	ug/l	977546	ISTD01	11.68	5121410	20.0
2-Pentanone, 4-hydro	7.73	1.6	ug/l	399208	ISTD01	11.68	5121410	20.0

30350.D GCMS1126.M Tue Jan 15 14:48:57 2002