User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:11:56

Sample: AD30115
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 13:11 Ended: 1/9/02 13:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AD30115 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:12:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 8 of the 43 compounds in the LCS Standard were above their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30115.D Vial: 8
Acq On : 22 Dec 2001 1:41 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:23 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	11.67	152	944523	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3608258	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1782935	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2486660m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1271706	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	774660	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	139605	3.88	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 77.60%			
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	15.34	128	1415	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	21.15	165	203	N.D.		
25) Diethylphthalate	22.11	149	1608	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\DEC2101\30115.D Vial: 8
Acq On : 22 Dec 2001 1:41 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:23 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

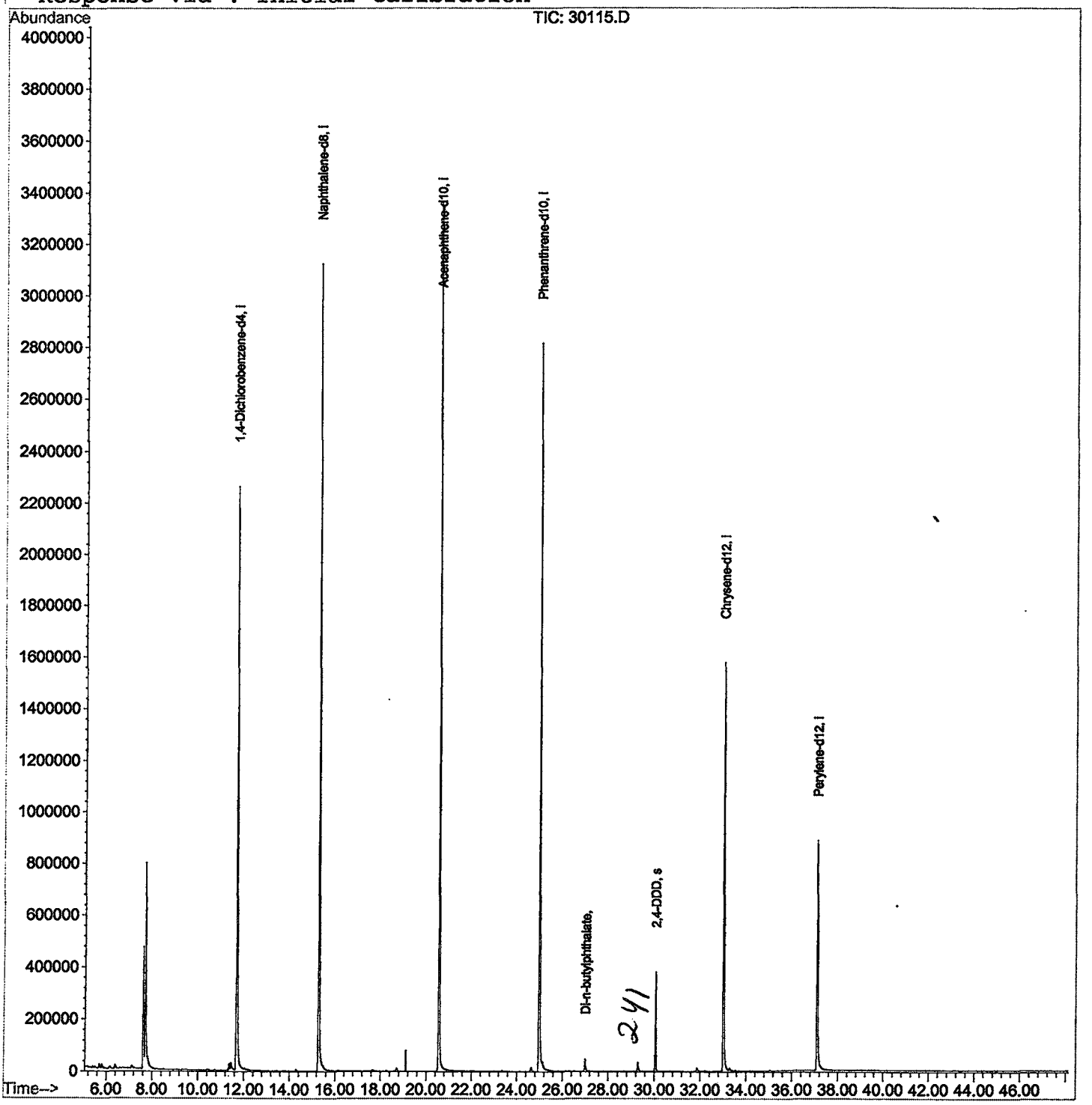
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	327	N.D.	
34)	Anthracene	25.05	178	327	N.D.	
35)	Di-n-butylphthalate	27.00	149	72816	0.42 ug/l #	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.53	149	285	N.D.	
41)	Benzo(a)anthracene	33.01	228	3163	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	7074	N.D.	
43)	Chrysene	33.01	228	3163	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	37.10	252	3065	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\DEC2101\30115.D Vial: 8
Acq On : 22 Dec 2001 1:41 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:23 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30115.D Vial: 8
Acq On : 22 Dec 2001 1:41 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a 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

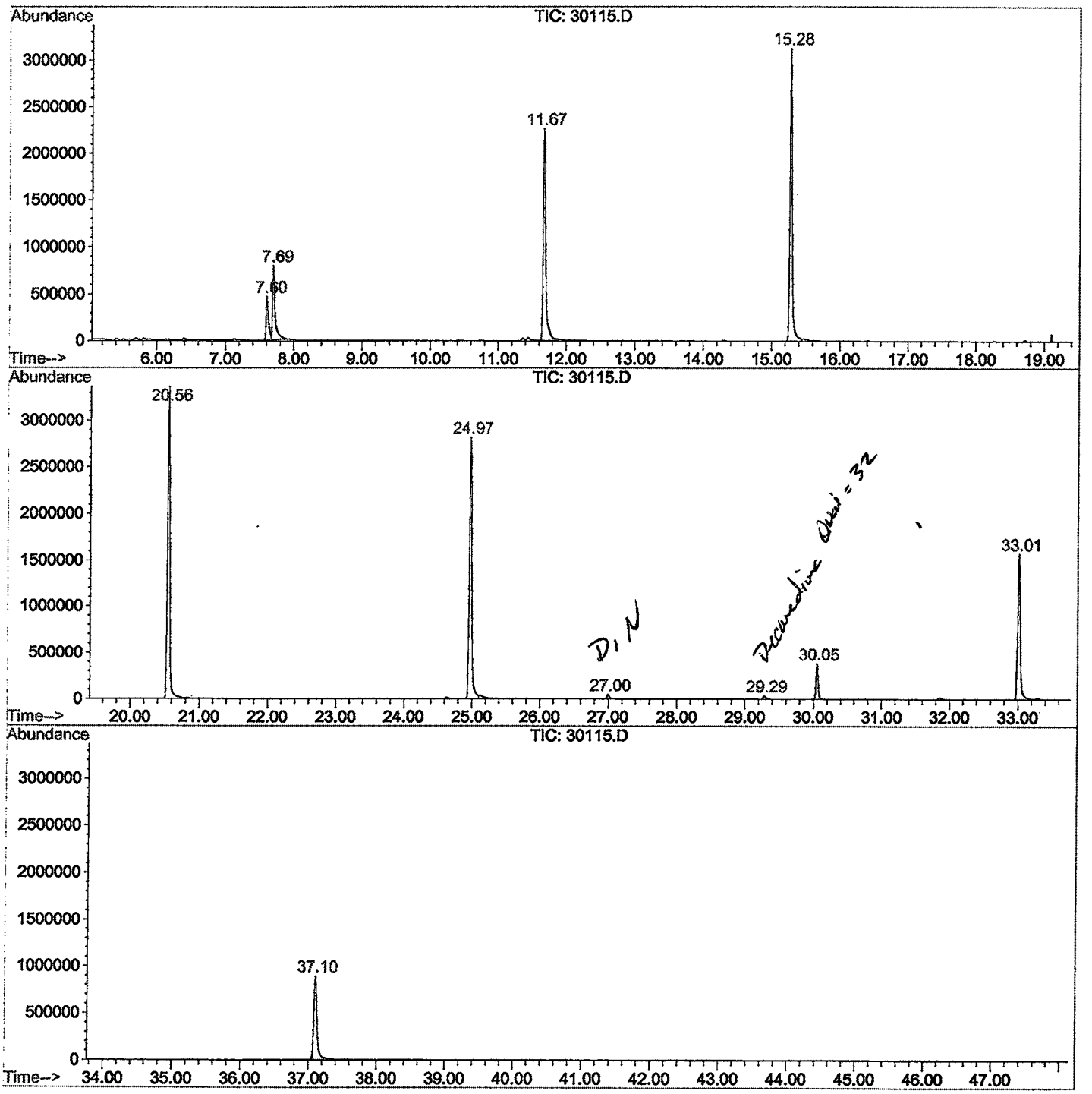
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.602	275	279	286	rBV	468648	1096640	14.34%	2.868%
2	7.694	286	289	311	rVB	787342	2016222	26.37%	5.273%
3	11.669	717	722	746	rBV	2259989	5728264	74.92%	14.981%
4	15.277	1109	1115	1133	rBV	3124360	7103310	92.91%	18.577%
5	20.556	1683	1690	1712	rBV	3366258	7645456	100.00%	19.995%
6	24.972	2165	2171	2185	rBV2	2816084	6736581	88.11%	17.618%
7	27.000	2386	2392	2399	rBV	46772	123153	1.61%	0.322%
8	29.286	2634	2641	2653	rBV2	35299	108538	1.42%	0.284%
9	30.048	2719	2724	2736	rBV	382030	834479	10.91%	2.182%
10	33.013	3040	3047	3065	rBV	1576533	4014240	52.50%	10.498%
11	37.099	3485	3492	3513	rBV2	884347	2829466	37.01%	7.400%

Sum of corrected areas: 38236349

30115.D GCMS1126.M Wed Jan 02 10:12:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30115.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 1:41 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 8
Quant File :GCMS1126.RES (RTE Integrator)



30115.D GCMS1126.M Wed Jan 02 10:12:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30115.D
Acq On : 22 Dec 2001 1:41 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

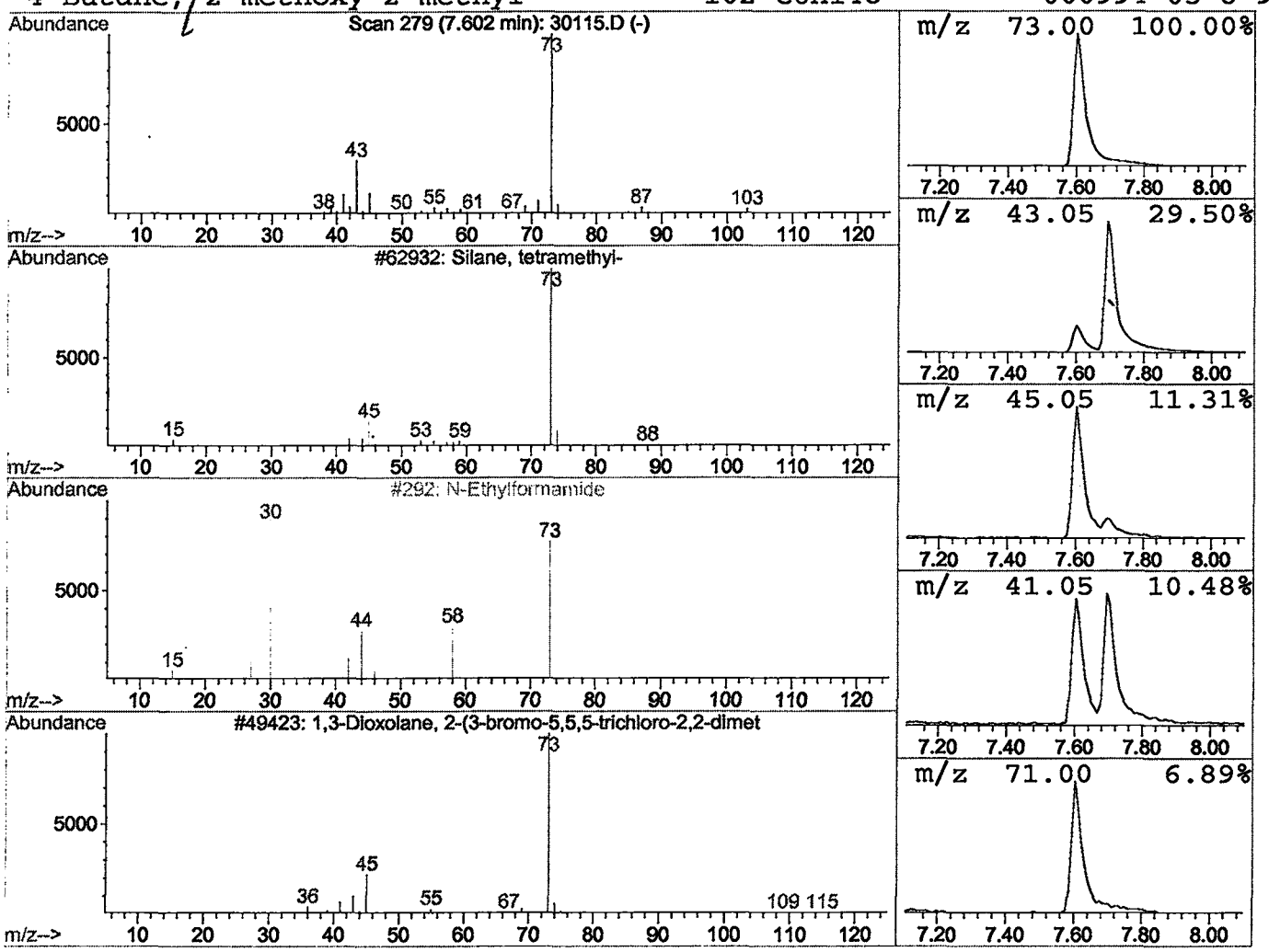
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.83 ug/l	1096640	1,4-Dichlorobenzene-d4	11.67

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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30115.D
Acq On : 22 Dec 2001 1:41 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

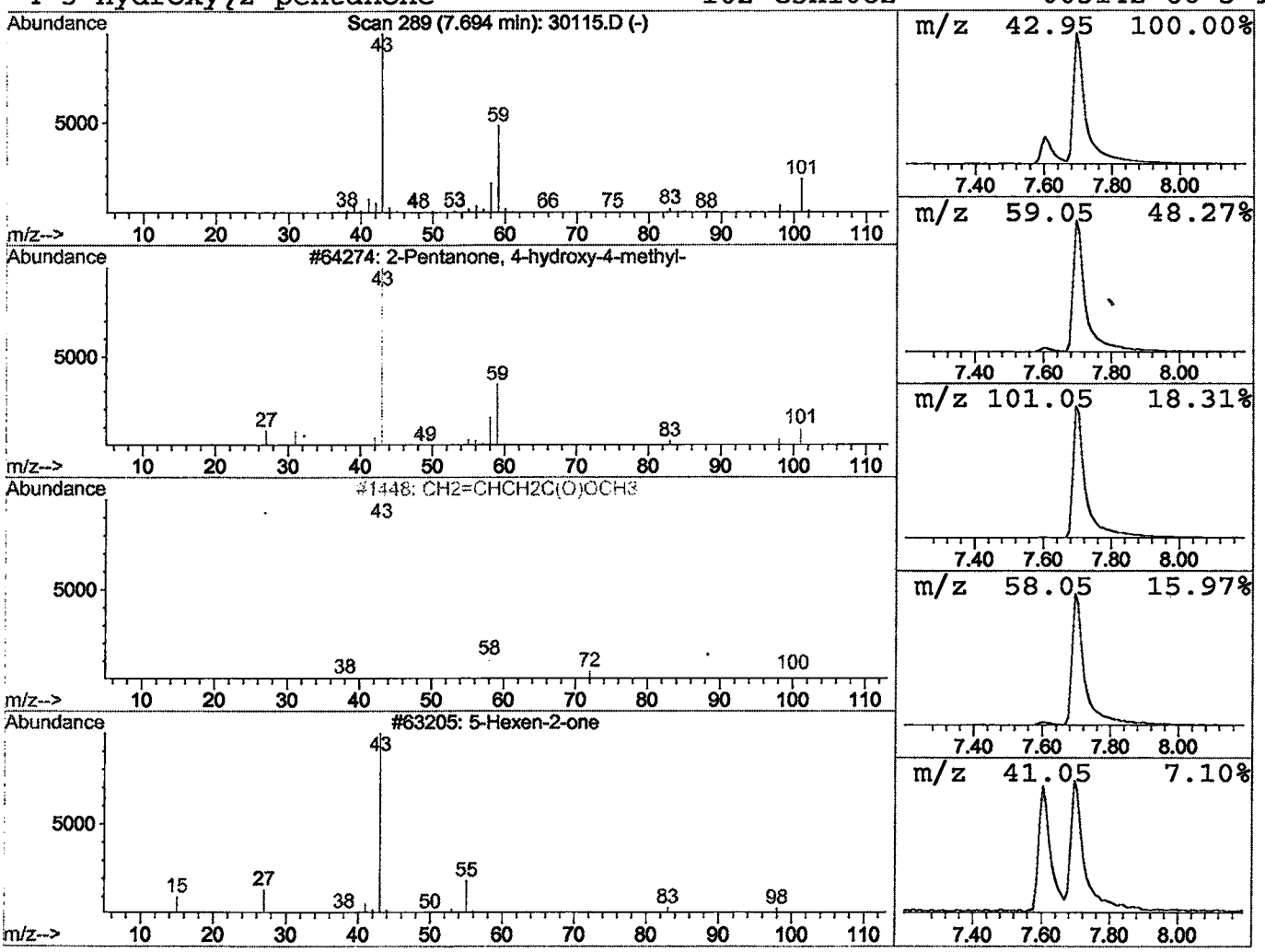
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	7.04 ug/l	2016220	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30115.D
Acq On : 22 Dec 2001 1:41 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

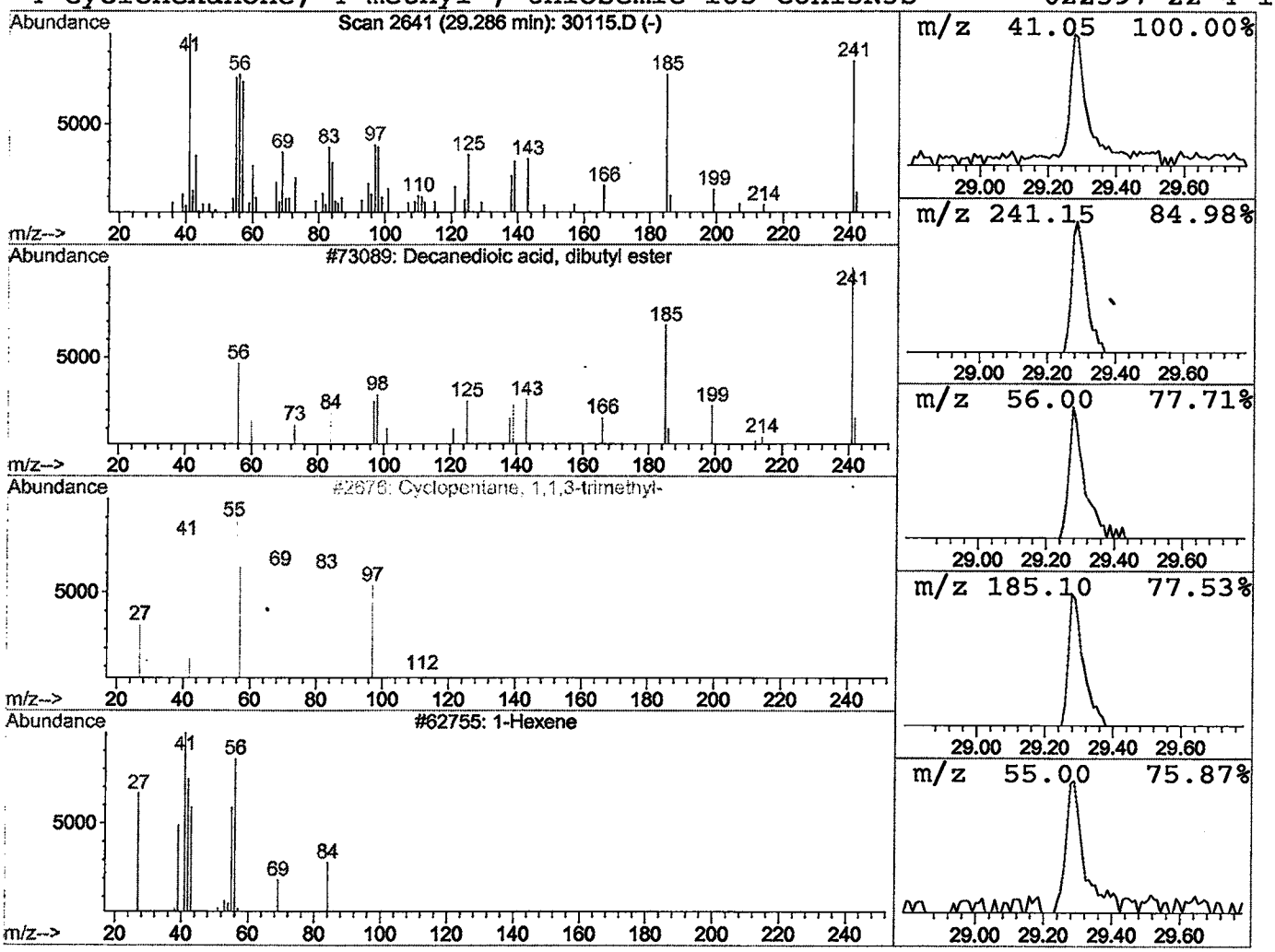
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Decanedioic acid, dibutyl este Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.29	0.54 ug/l	108538	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	32
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	18
3	1-Hexene	84	C6H12	000592-41-6	10
4	Cyclohexanone, 4-methyl-, thiosemic	185	C8H15N3S	022397-22-4	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 22 Dec 2001 1:41 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\30115.D
Name: gc/ms scan 12/13a
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-	7.60	3.8	ug/l	1096640	ISTD01	11.67	5728260	20.0
2-Pentanone, 4-hydro	7.69	7.0	ug/l	2016220	ISTD01	11.67	5728260	20.0
Decanedioic acid, di	29.29	0.5	ug/l	108538	ISTD05	33.01	4014240	20.0

30115.D GCMS1126.M Wed Jan 02 10:13:24 2002