User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:01:26

Sample: AD30015
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:01 Ended: 1/28/02 14:01 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 AD30015 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 14:01:46

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\DEC1801\30015.D Vial: 12
Acq On : 19 Dec 2001 2:50 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:01 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 : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	939247	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3606157	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1799072	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2570512	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1671061	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1078376	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	138588	4.90	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.31	74	189	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	2044	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	20.56	153	126	N.D.		
24) 2,4-Dinitrotoluene	21.18	165	100	N.D.		
25) Diethylphthalate	22.10	149	1249	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\DEC1801\30015.D Vial: 12
Acq On : 19 Dec 2001 2:50 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:01 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 : NP091101

	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	25.04	178	855	N.D.	
34)	Anthracene	25.04	178	855	N.D.	
35)	Di-n-butylphthalate	27.00	149	8678	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.38	202	225	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.01	228	4869	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	4513	N.D.	
43)	Chrysene	33.01	228	4869	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	37.11	252	4183	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

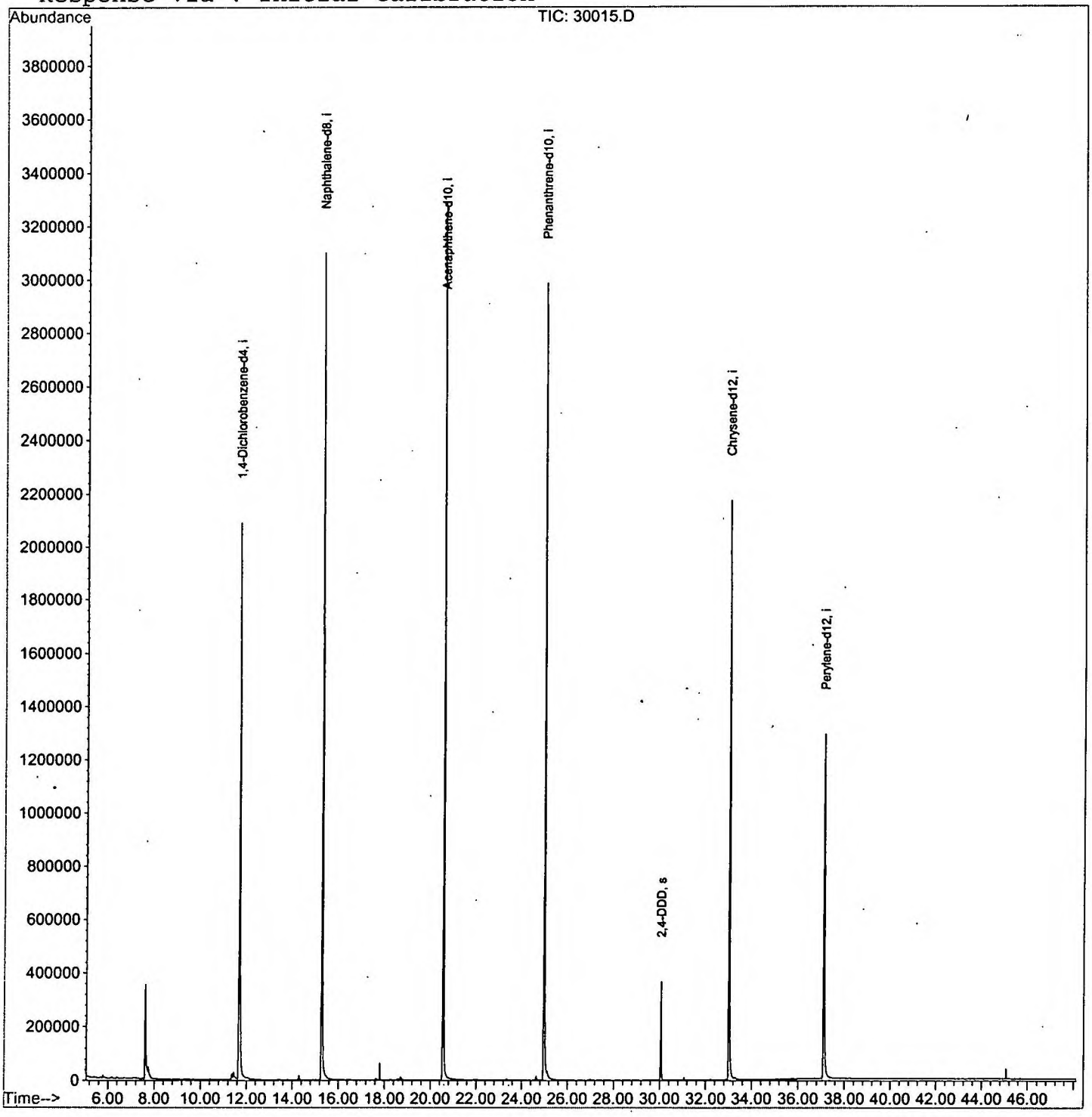
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D
Acq On : 19 Dec 2001 2:50 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:01 2002

Viál: 12
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D Vial: 12
Acq On : 19 Dec 2001 2:50 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 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

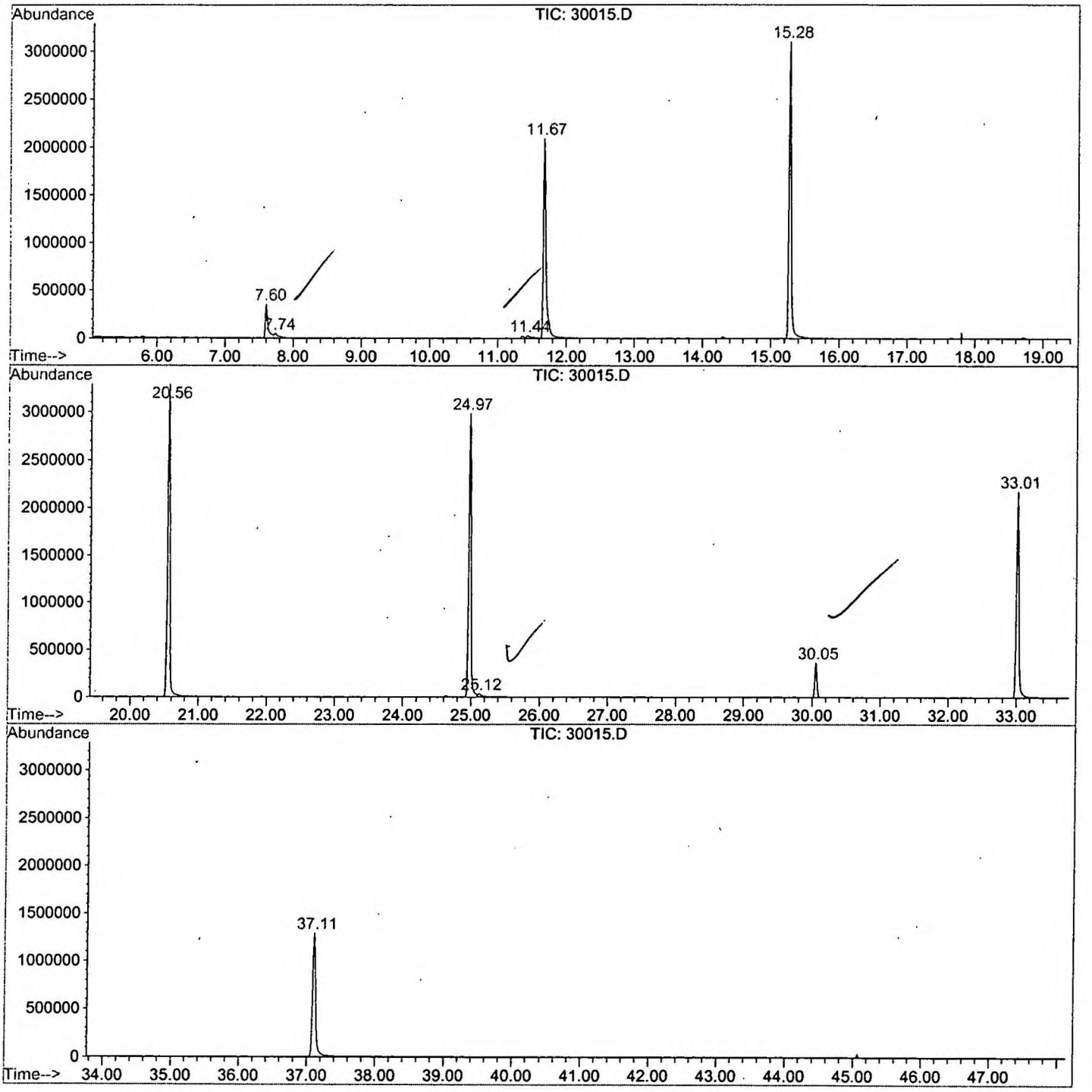
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	291	rBV	350380	946202	12.57%	2.470%
2	7.741	291	294	311	rVB2	44481	177393	2.36%	0.463%
3	11.441	693	697	717	rVB	27228	113950	1.51%	0.297%
4	11.670	717	722	747	rBV	2086851	5534557	73.50%	14.448%
5	15.278	1109	1115	1134	rBV	3098424	6990677	92.84%	18.249%
6	20.557	1683	1690	1712	rBV	3289886	7530068	100.00%	19.658%
7	24.973	2165	2171	2184	rBV2	2983984	6962011	92.46%	18.175%
8	25.119	2185	2187	2199	rVB2	27726	90866	1.21%	0.237%
9	30.049	2719	2724	2736	rBV	365914	788015	10.46%	2.057%
10	33.014	3040	3047	3070	rBV2	2172518	5262626	69.89%	13.738%
11	37.109	3485	3493	3512	rBV	1286947	3909960	51.92%	10.207%

Sum of corrected areas: 38306325

30015.D GCMS1126.M Tue Jan 15 15:37:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\30015.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 2:50 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



30015.D GCMS1126.M Tue Jan 15 15:37:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D Vial: 12
Acq On : 19 Dec 2001 2:50 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

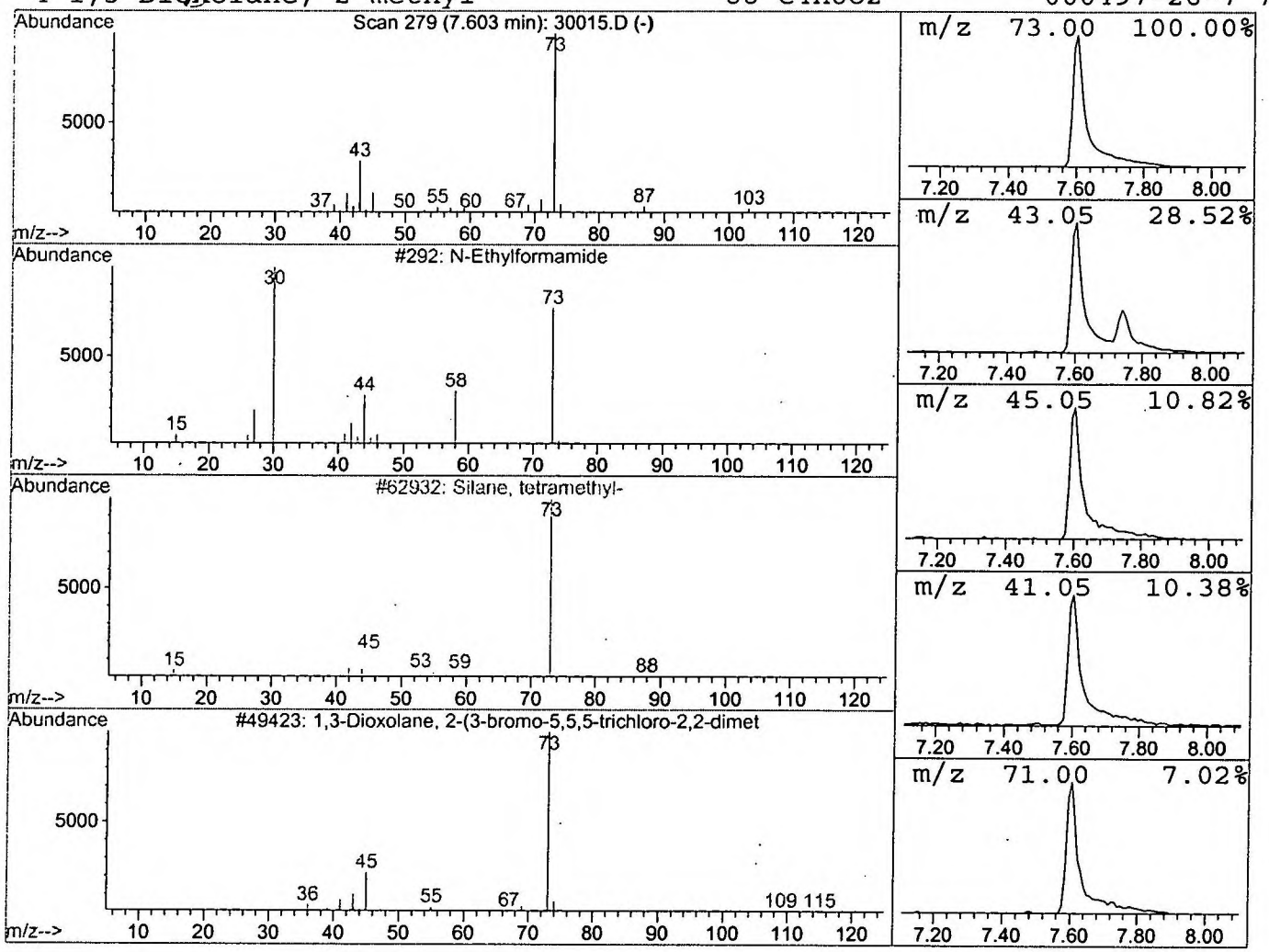
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.42 ug/l	946202	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D
Acq On : 19 Dec 2001 2:50 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

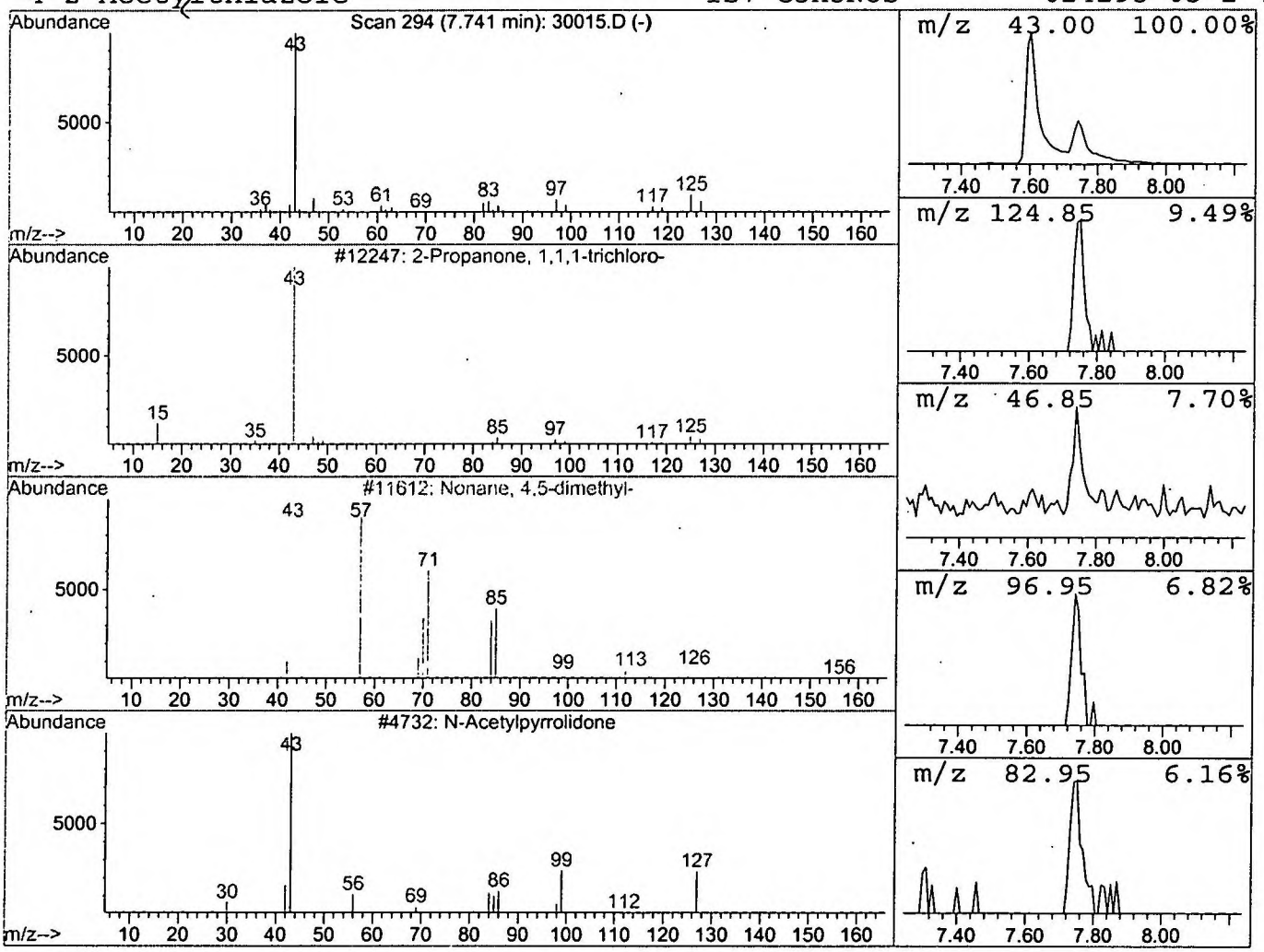
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.64 ug/l	177393	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	17
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	7
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D
Acq On : 19 Dec 2001 2:50 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

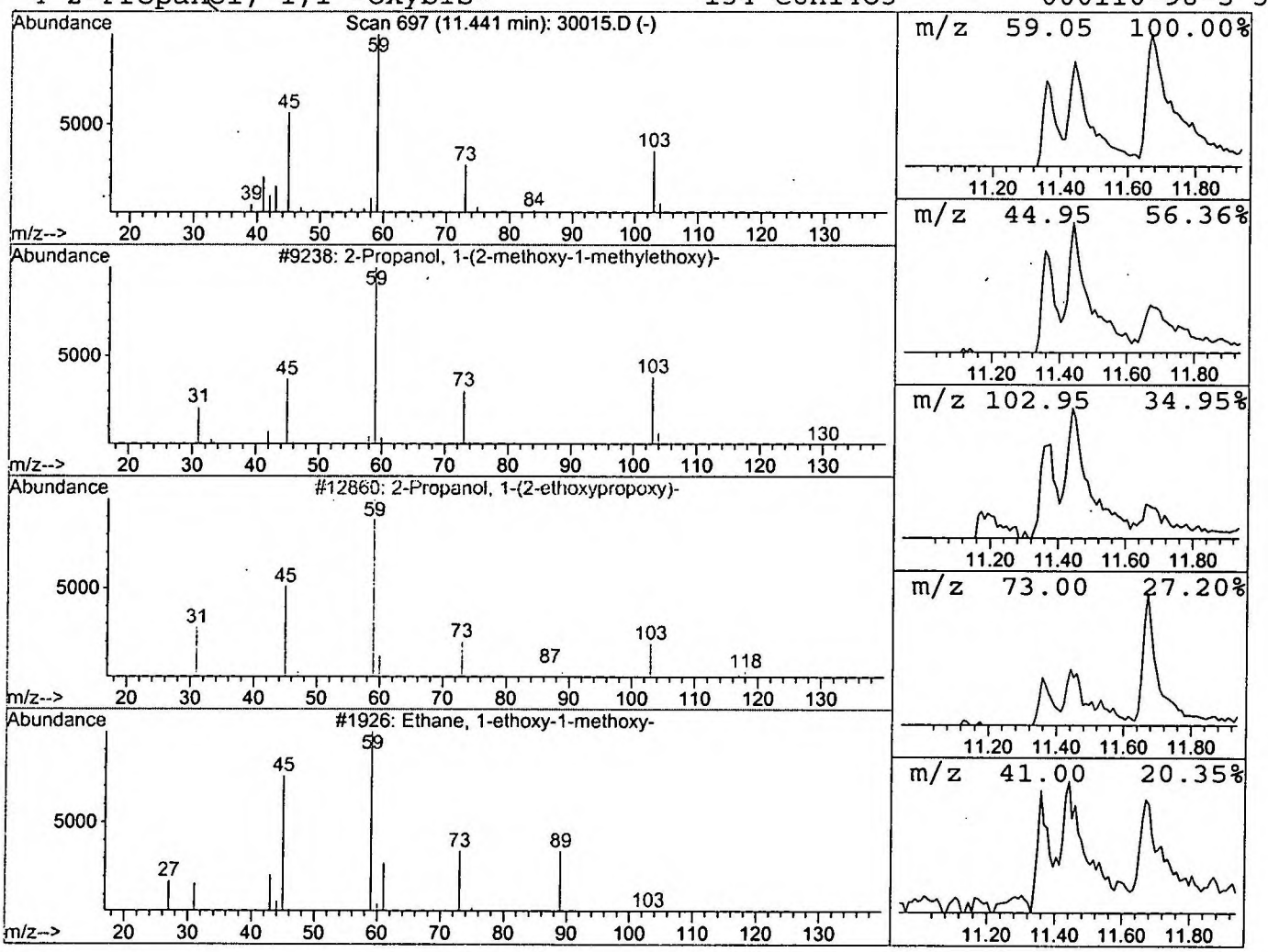
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.41 ug/l	113950	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	39
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	39
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	38
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30015.D
Acq On : 19 Dec 2001 2:50 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

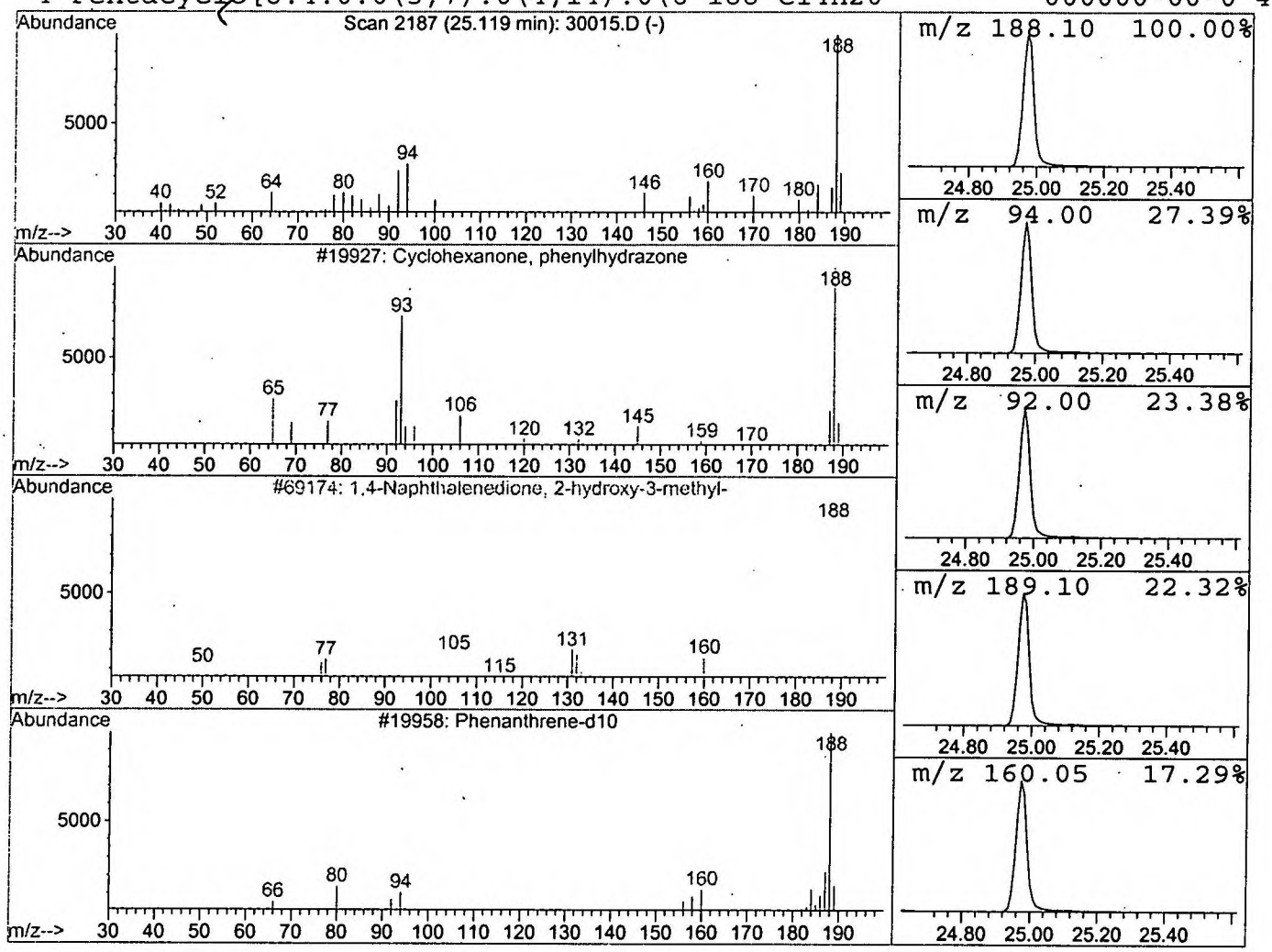
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexanone, phenylhydrazone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.26 ug/l	90866	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	50
2	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	43
3	Phenanthrene-d10	188	C14D10	001517-22-2	40
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 2:50 am
Data File: C:\HPCHEM\1\DATA\DEC1801\30015.D
Name: gc/ms scan 12/11
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
N-Ethylformamide	7.60	3.4	ug/l	946202	ISTD01	11.67	5534560	20.0
2-Propanone, 1,1,1-t	7.74	0.6	ug/l	177393	ISTD01	11.67	5534560	20.0
2-Propanol, 1-(2-met	11.44	0.4	ug/l	113950	ISTD01	11.67	5534560	20.0
Cyclohexanone, pheny	25.12	0.3	ug/l	90866	ISTD04	24.97	6962010	20.0

30015.D GCMS1126.M Tue Jan 15 15:38:00 2002