User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:05:25

Sample: AD30013
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:05 Ended: 1/28/02 14:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD30013 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 14:05:27

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\30013.D Vial: 8
Acq On : 18 Dec 2001 10:55 pm 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 18 14:44 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	855272	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3285169	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1624297	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2341987m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1383789	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	891855	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	115665	4.49	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 89.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.25	74	286	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	1611	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	20.13	165	121	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.17	165	200	N.D.		
25) Diethylphthalate	22.10	149	647	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\30013.D Vial: 8
Acq On : 18 Dec 2001 10:55 pm 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 18 14:44 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

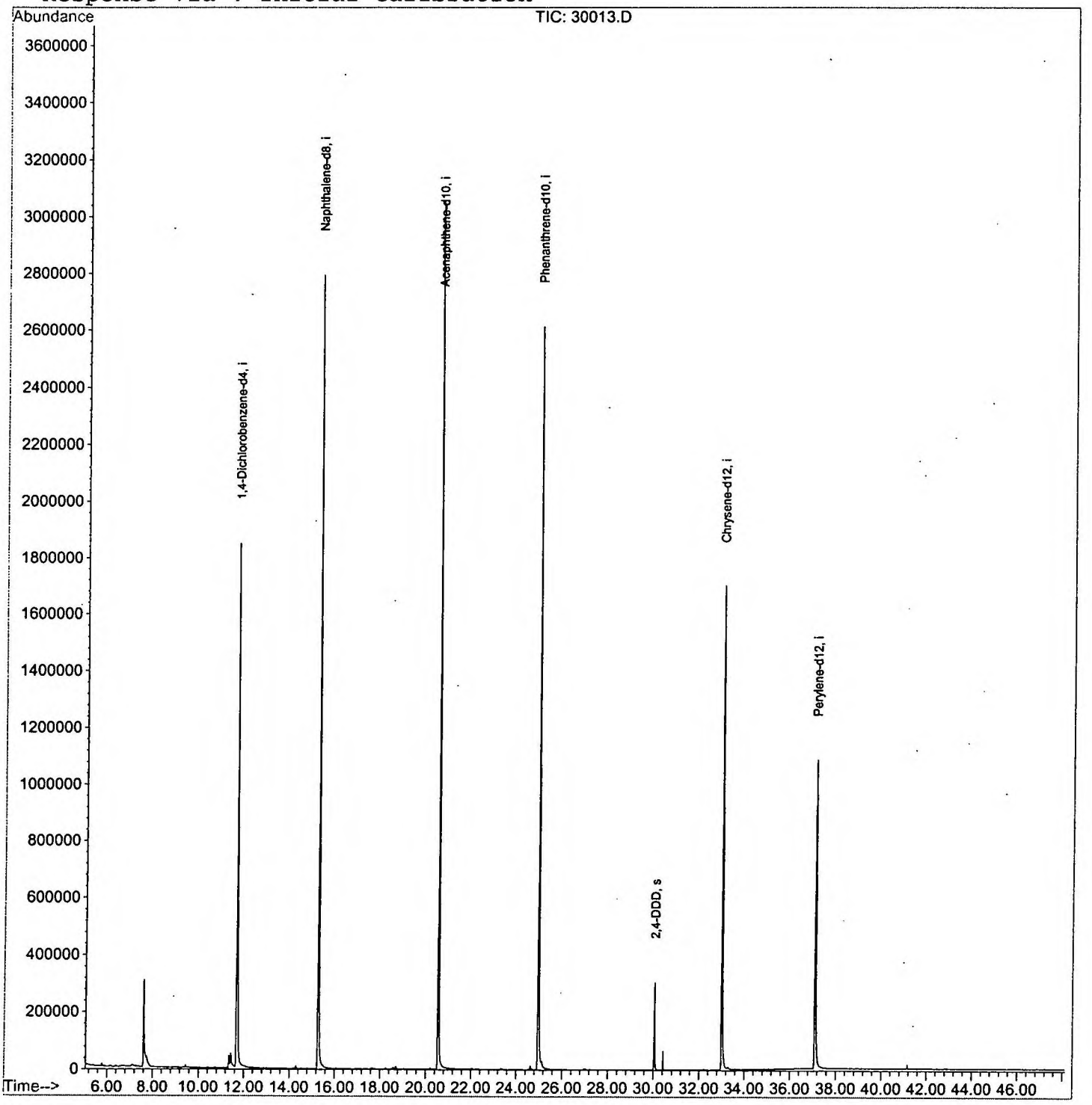
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	977	N.D.	
34)	Anthracene	24.98	178	977	N.D.	
35)	Di-n-butylphthalate	27.00	149	8400	N.D.	
36)	Fluoranthene	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	33.01	228	4304	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	4647	N.D.	
43)	Chrysene	33.01	228	4304	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	3437	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\30013.D Vial: 8
Acq On : 18 Dec 2001 10:55 pm 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 18 14:44 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\DEC1801\30013.D Vial: 8
Acq On : 18 Dec 2001 10:55 pm 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

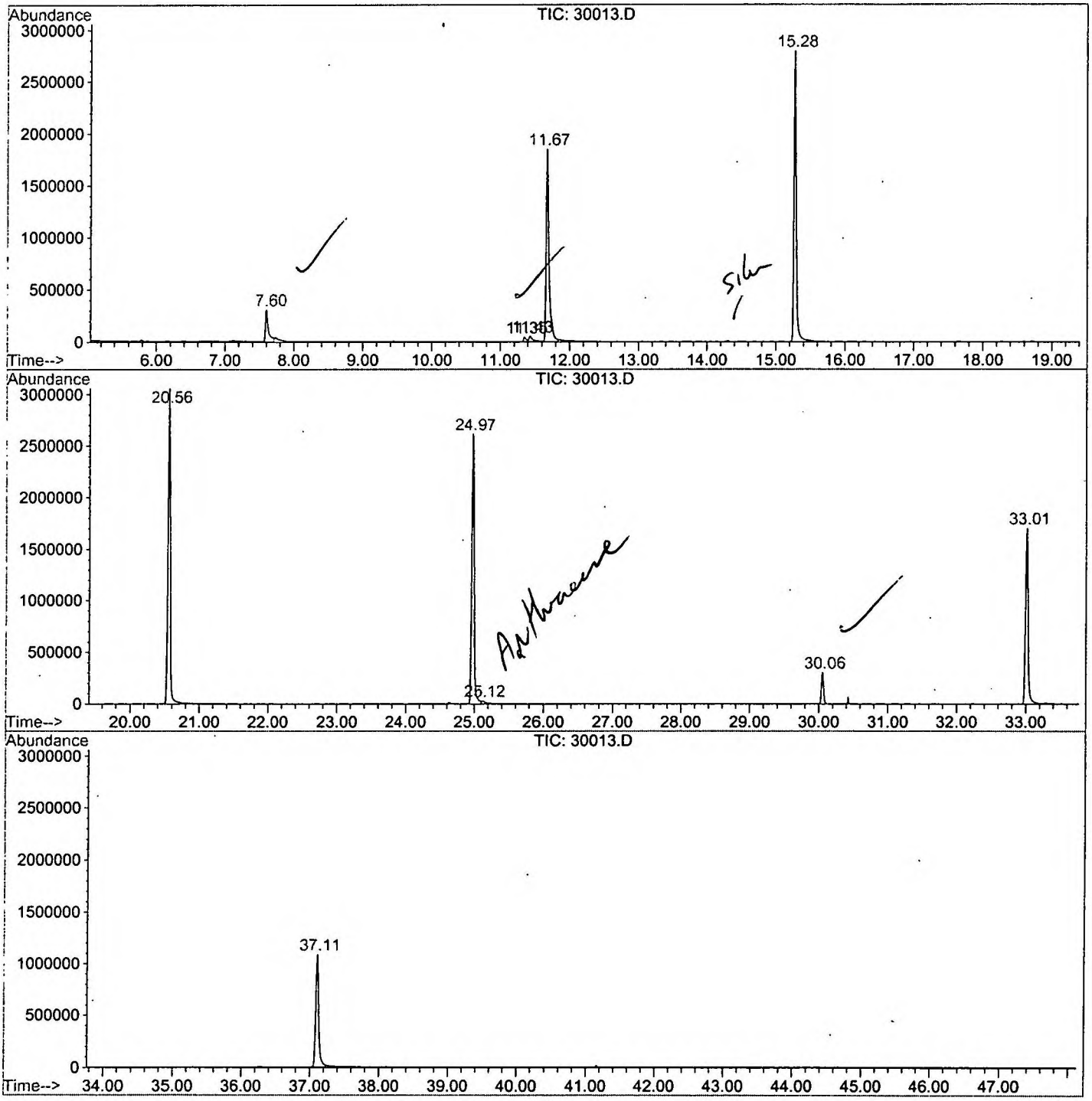
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	274	279	291	rBV	305299	897180	13.00%	2.630%
2	11.349	684	687	693	rBV	44324	116935	1.69%	0.343%
3	11.431	693	696	712	rVB	49726	171428	2.48%	0.502%
4	11.670	717	722	740	rBV	1845116	5065561	73.38%	14.848%
5	15.278	1109	1115	1134	rBV	2793569	6380519	92.43%	18.702%
6	20.556	1683	1690	1715	rBV	3057663	6903309	100.00%	20.234%
7	24.972	2165	2171	2185	rBV2	2613223	6216787	90.06%	18.222%
8	25.119	2185	2187	2203	rVB2	27666	105140	1.52%	0.308%
9	30.058	2719	2725	2734	rBV	304924	664962	9.63%	1.949%
10	33.014	3040	3047	3068	rBV2	1699508	4387026	63.55%	12.859%
11	37.109	3485	3493	3507	rBV2	1082725	3208204	46.47%	9.404%

Sum of corrected areas: 34117051

30013.D GCMS1126.M Tue Jan 15 15:34:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Operator : 209 GALOS
Acquired : 18 Dec 2001 10:55 pm using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 8
Quant File :GCMS1126.RES (RTE Integrator)



30013.D GCMS1126.M Tue Jan 15 15:34:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Acq On : 18 Dec 2001 10:55 pm
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

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

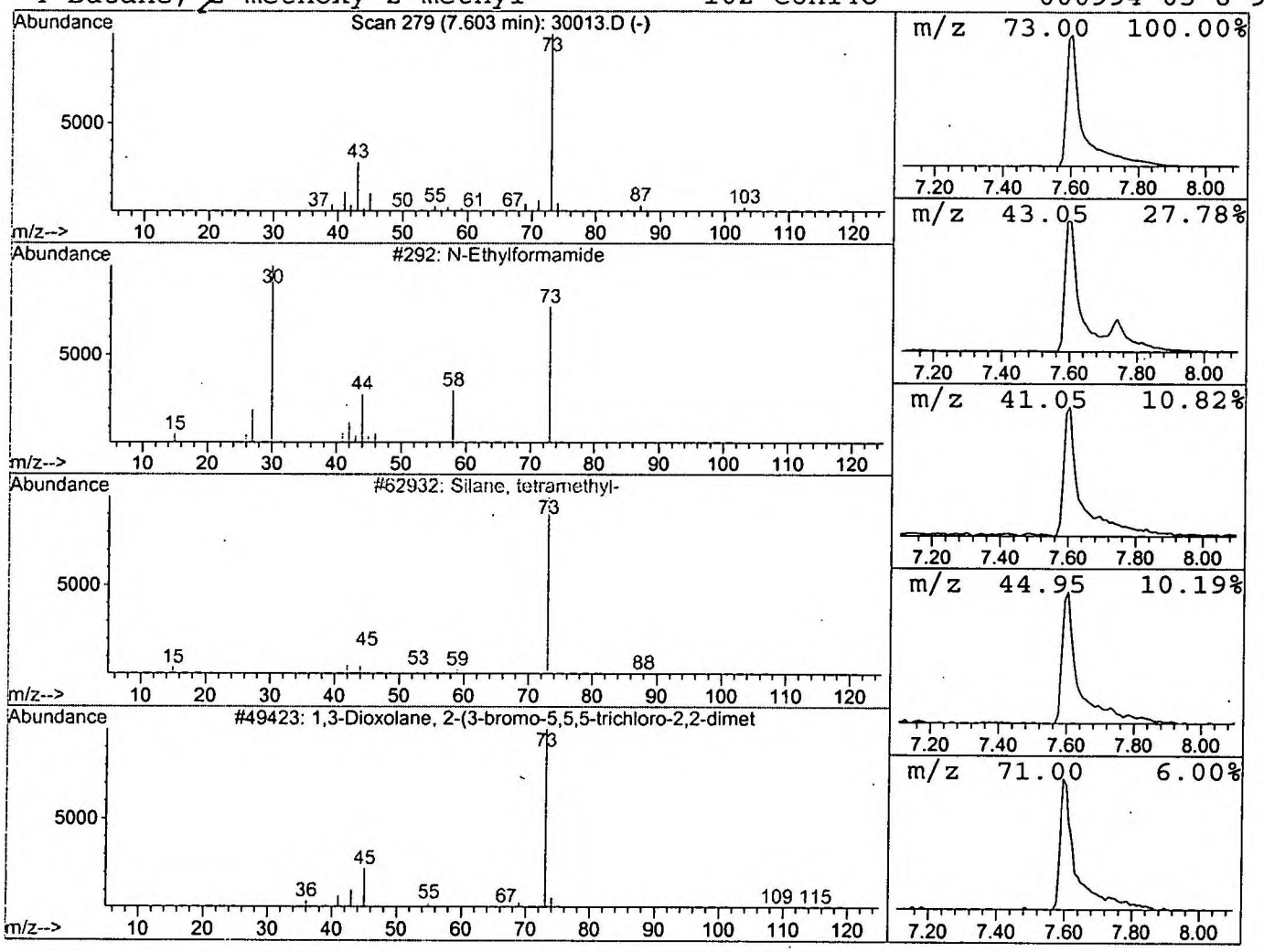
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.54 ug/l	897180	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D Vial: 8
Acq On : 18 Dec 2001 10:55 pm Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

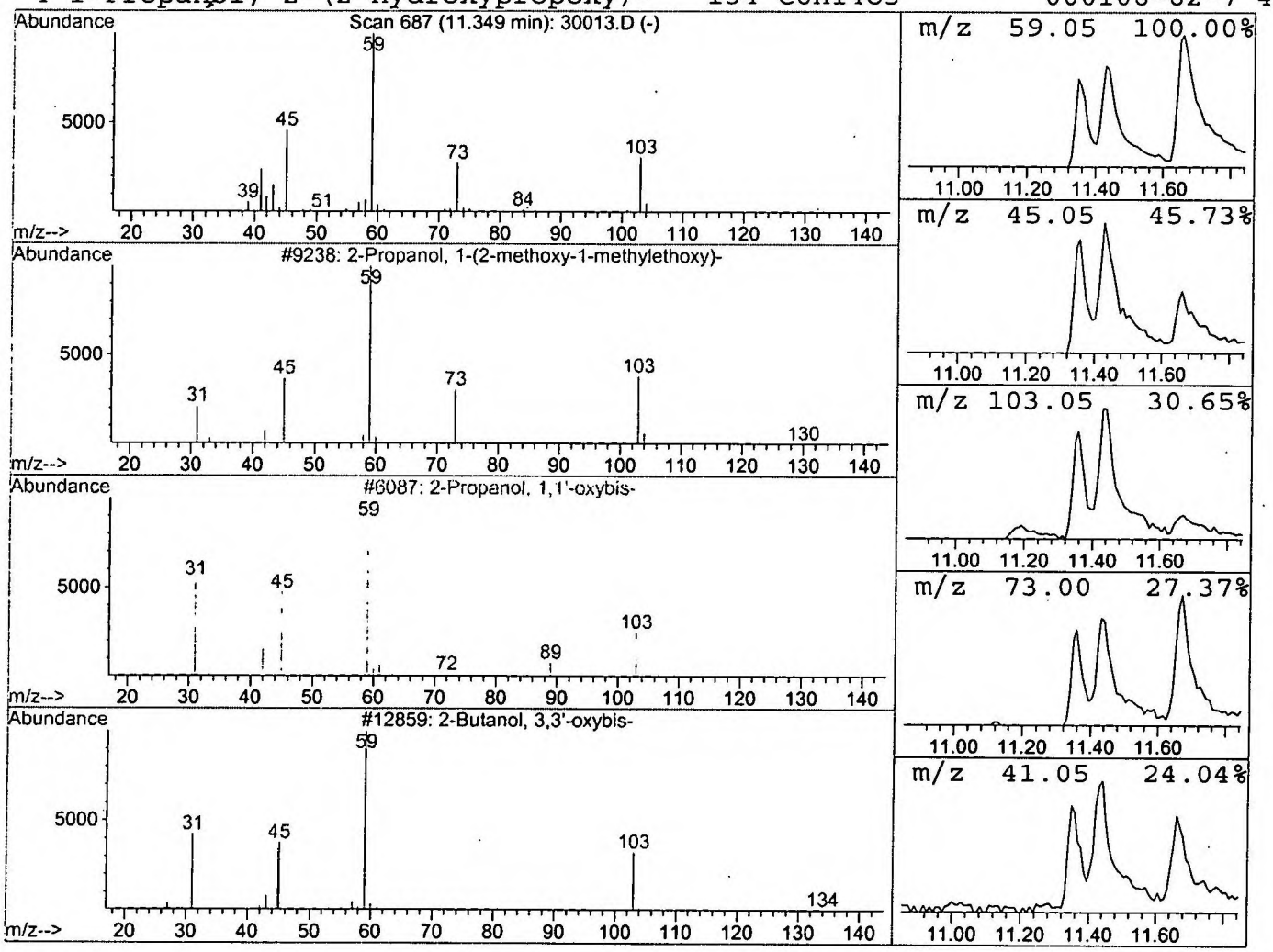
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.46 ug/l	116935	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	64
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Acq On : 18 Dec 2001 10:55 pm
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

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

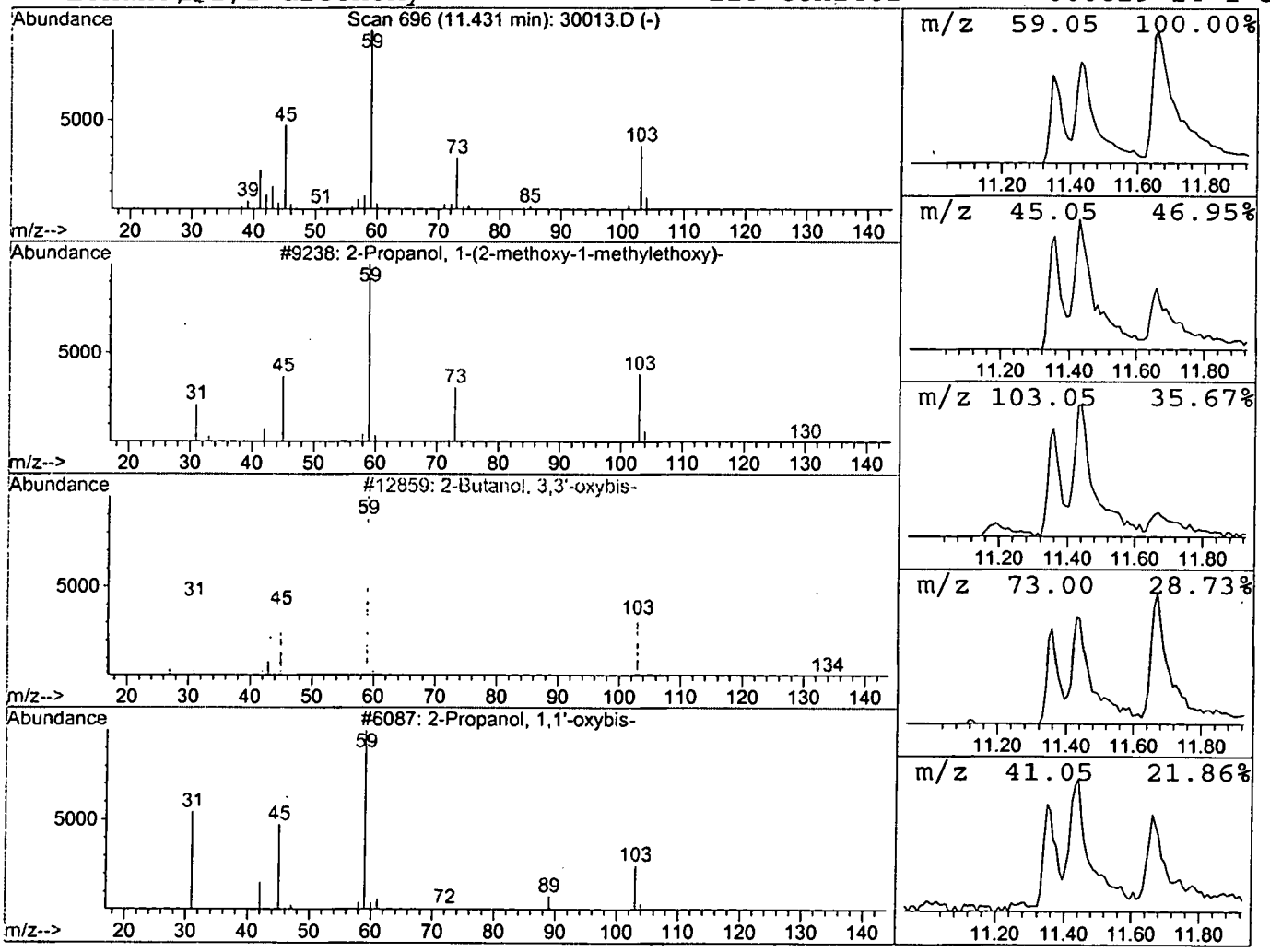
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.68 ug/l	171428	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	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Acq On : 18 Dec 2001 10:55 pm
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

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

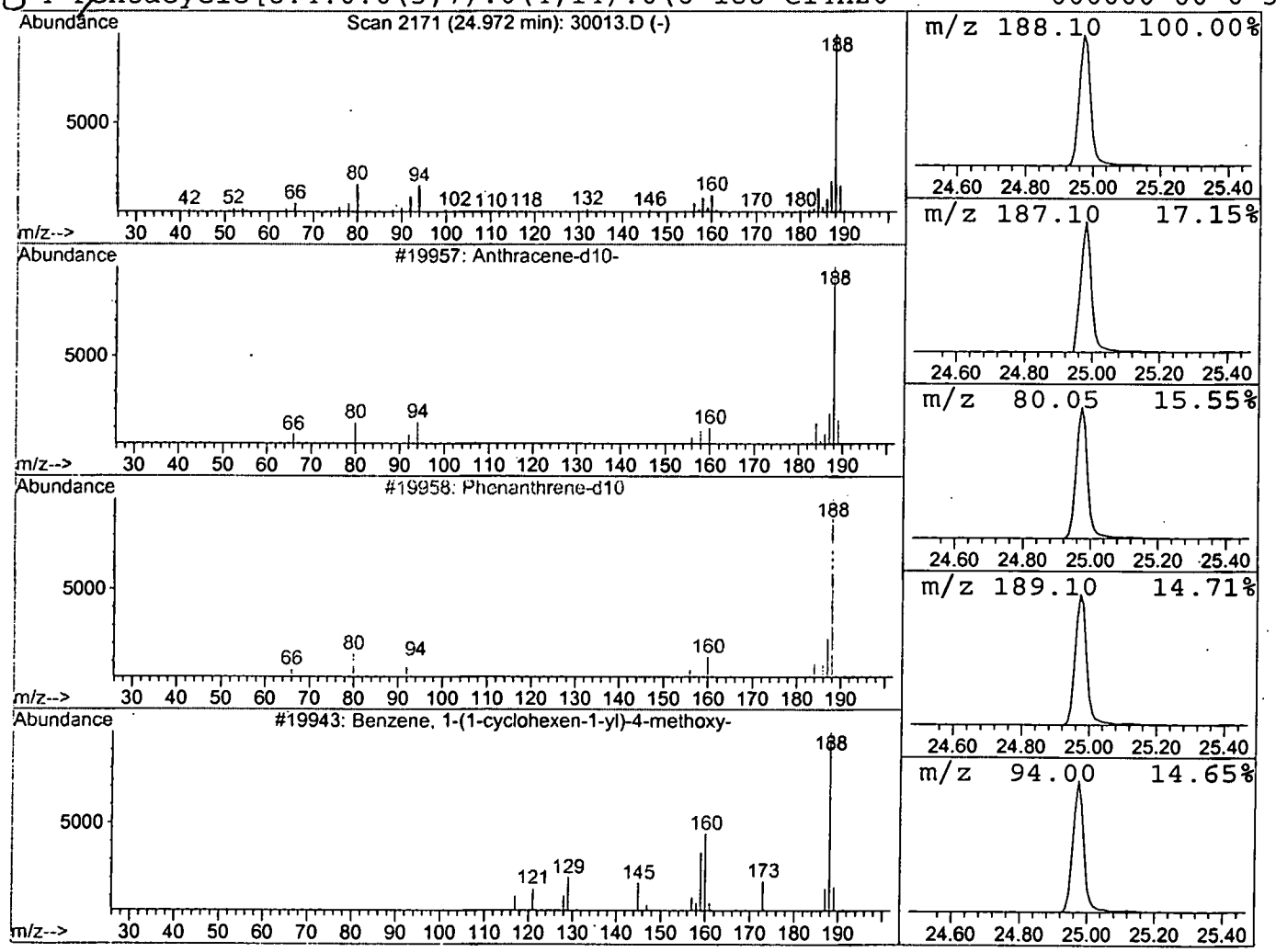
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	18.01 ug/l	6216790	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	96
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	Benzene, 1-(1-cyclohexen-1-yl)-4-me	188	C13H16O	020758-60-5	36
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Acq On : 18 Dec 2001 10:55 pm
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

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

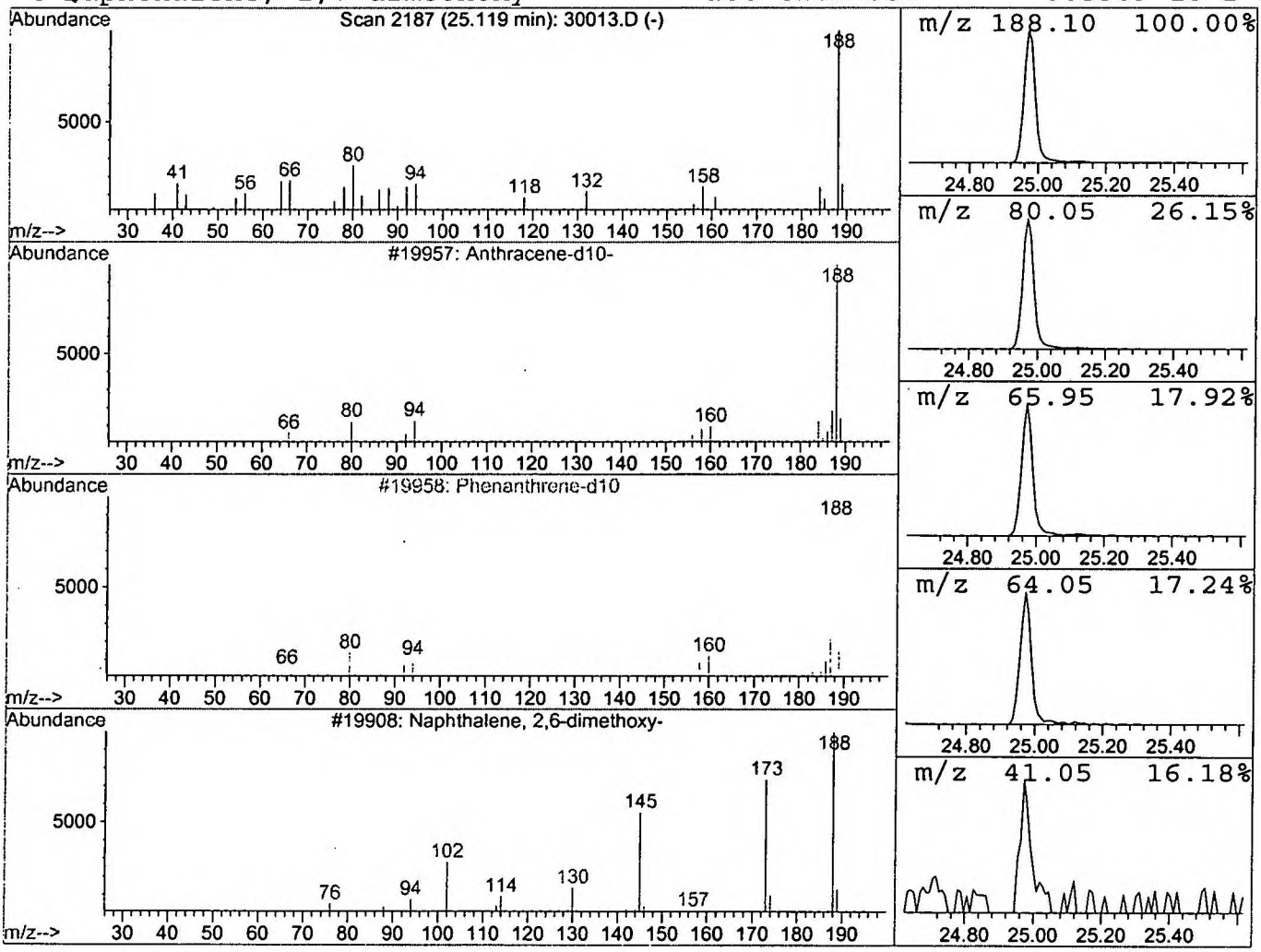
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.30 ug/l	105140	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	47
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30013.D
Acq On : 18 Dec 2001 10:55 pm
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

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

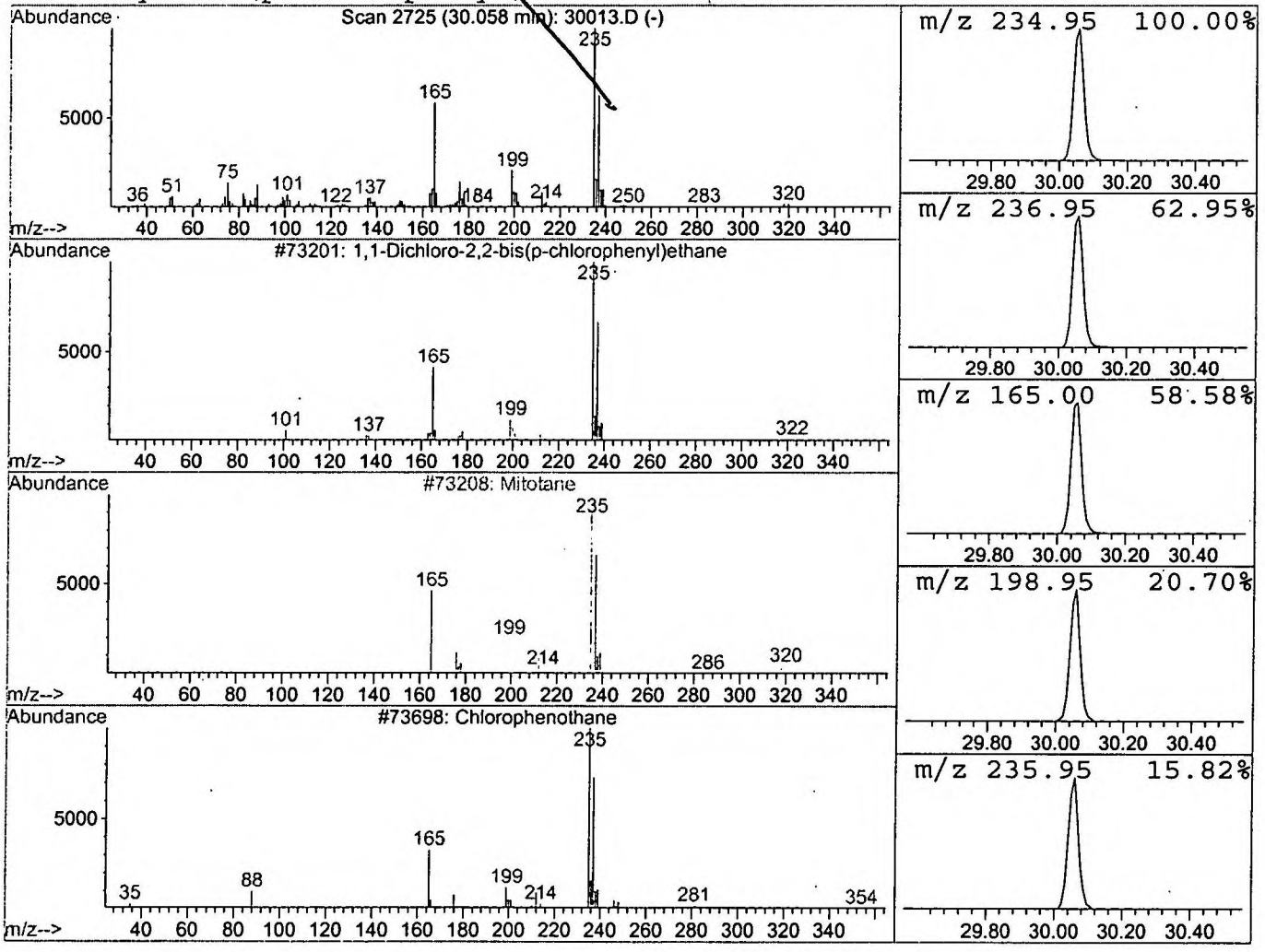
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,1-Dichloro-2,2-bis(p-chlorop Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.06	3.03 ug/l	664962	Chrysene-d12	33.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophenyl	318	C14H10Cl4	000072-54-8	94
2	Mitotane	318	C14H10Cl4	000053-19-0	90
3	Chlorophenothane	352	C14H9Cl5	000050-29-3	72
4	Methyl bis(p-chlorophenyl)acetate	294	C15H12Cl2O2	005359-38-6	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Dec 2001 10:55 pm
Data File: C:\HPCHEM\1\DATA\DEC1801\30013.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	3.5	ug/l	897180	ISTD01	11.67	5065560	20.0
2-Propanol, 1-(2-met	11.35	0.5	ug/l	116935	ISTD01	11.67	5065560	20.0
2-Propanol, 1-(2-met	11.43	0.7	ug/l	171428	ISTD01	11.67	5065560	20.0
Anthracene-d10-	24.97	18.0	ug/l	6216790	ISTD03	20.56	6903310	20.0
Anthracene-d10-	25.12	0.3	ug/l	105140	ISTD03	20.56	6903310	20.0
1,1-Dichloro-2,2-bis	30.06	3.0	ug/l	664962	ISTD04	33.01	4387030	20.0

30013.D GCMS1126.M Tue Jan 15 15:34:40 2002