...t. of Labs & Research
...002 Time: 13:12:08

... AD30606
...sis: $GCMS GCMS Scan For Unknowns
...its: ug
Started: 2/8/02 13:11 Ended: 2/8/02 13:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AD30606 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 13:14:25

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

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 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 Jan 25 15:57:52 2002
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	1095901	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	4199773	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2085528	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3111757m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1900591	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1092512	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	159221	4.65	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	708	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	13.28	77	195	N.D.		
12) Isophorone	13.49	82	129	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	2702	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	21.23	165	101	N.D.		
25) Diethylphthalate	22.10	149	1087	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 : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 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 Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

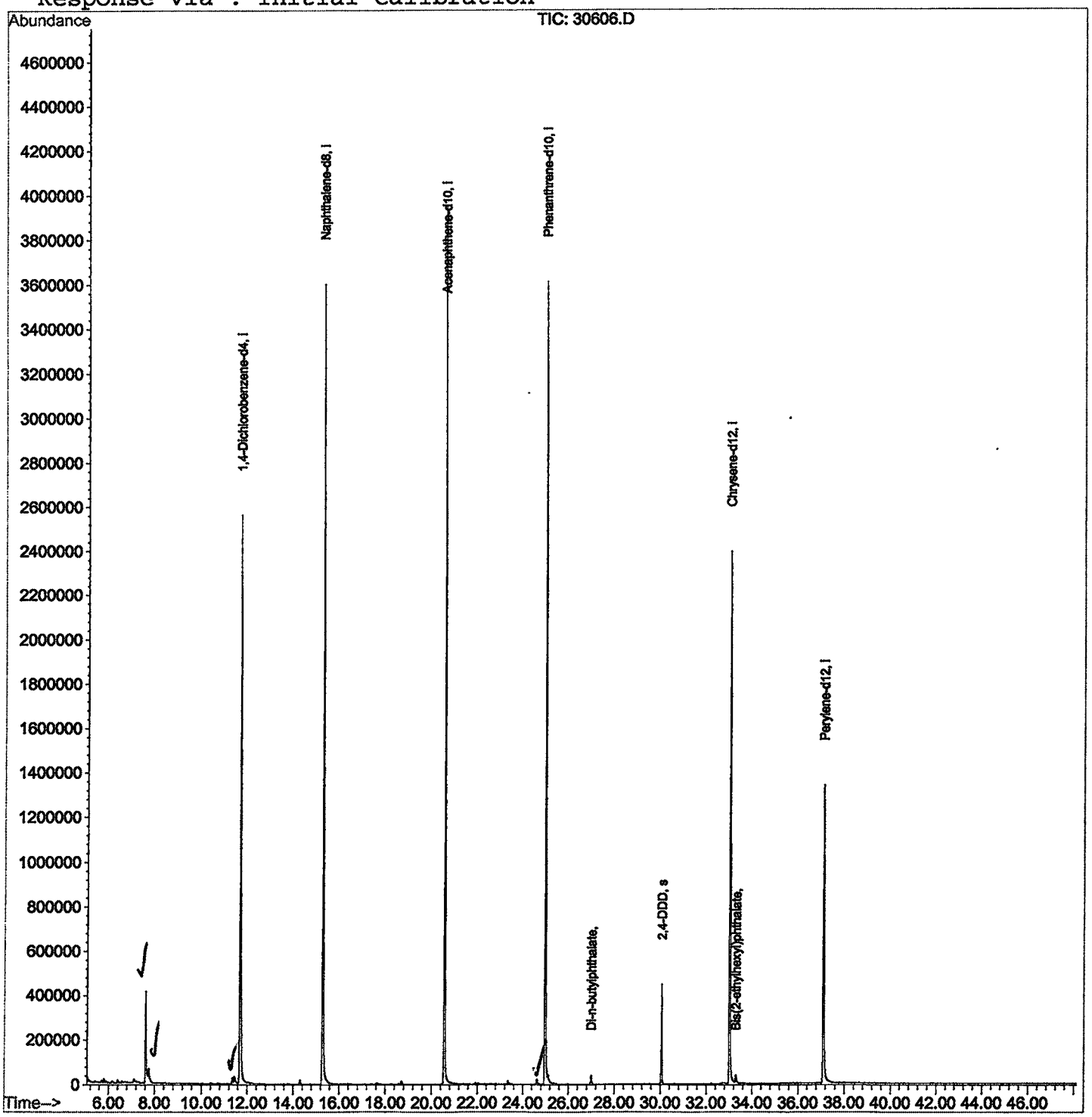
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	5145	N.D.	
34)	Anthracene	25.04	178	5145	N.D.	
35)	Di-n-butylphthalate	27.00	149	58763	0.27 ug/l	
36)	Fluoranthene	28.73	202	390	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	1225	N.D.	
41)	Benzo(a)anthracene	33.01	228	5057	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	29946	0.26 ug/l #	89
43)	Chrysene	33.01	228	5057	N.D.	
45)	Di-n-Octylphthalate	35.05	149	285	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	4477	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 : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:01 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 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

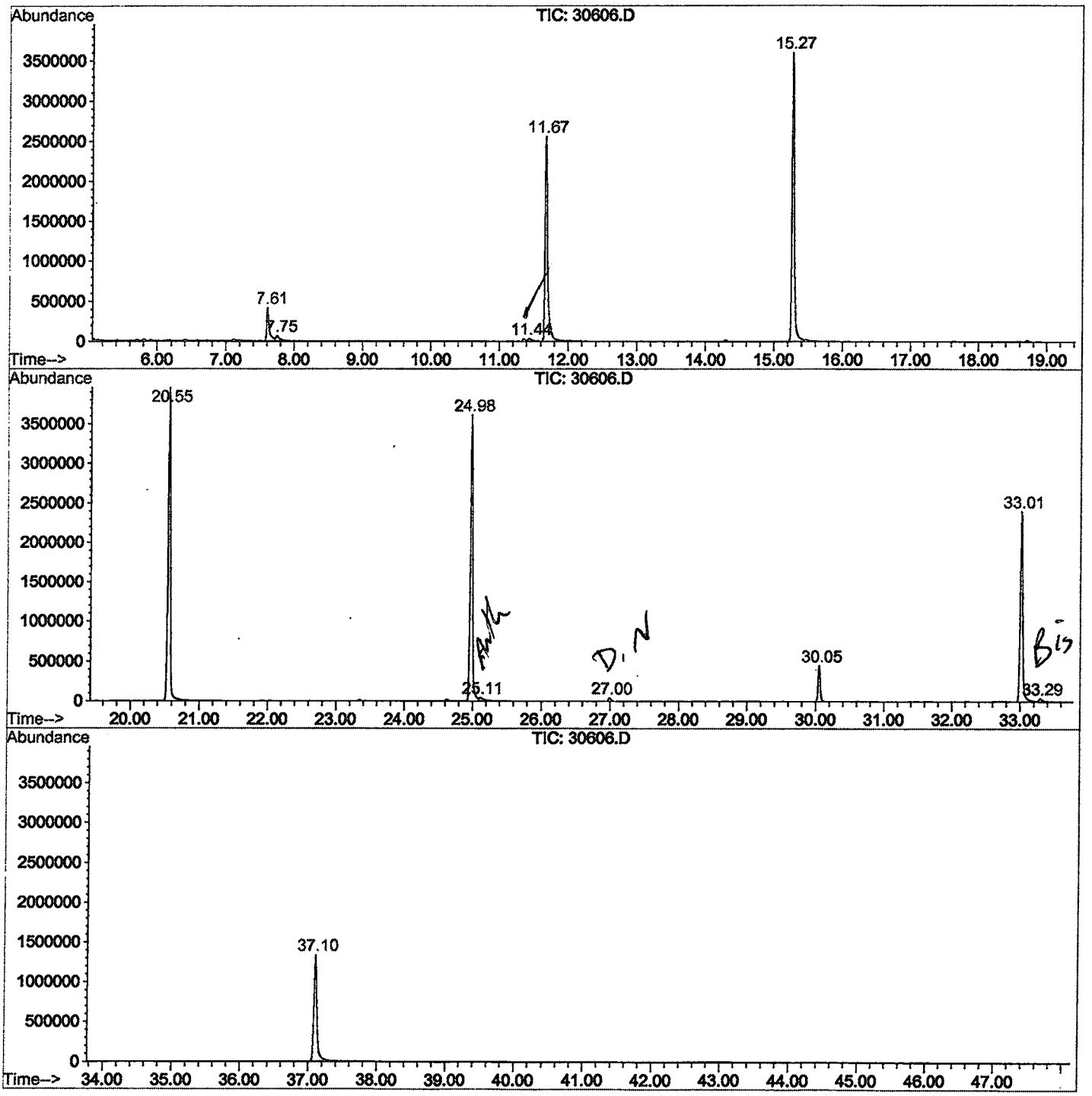
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.608	275	279	291	rBV	411269	1029060	11.54%	2.279%
2	7.755	291	295	312	rVB	63471	234781	2.63%	0.520%
3	11.436	692	696	717	rVV	31841	130778	1.47%	0.290%
4	11.675	717	722	753	rVV	2556707	6679482	74.93%	14.790%
5	15.273	1109	1114	1132	rBV	3599581	8298572	93.09%	18.375%
6	20.552	1683	1689	1713	rBV	3952536	8914538	100.00%	19.739%
7	24.977	2164	2171	2183	rBV2	3612977	8453404	94.83%	18.718%
8	25.115	2184	2186	2201	rVB2	37203	141707	1.59%	0.314%
9	26.997	2385	2391	2401	rBV	41747	105913	1.19%	0.235%
10	30.054	2718	2724	2734	rBV	449985	975828	10.95%	2.161%
11	33.010	3039	3046	3070	rBV2	2393442	6062391	68.01%	13.424%
12	33.294	3072	3077	3088	rVB	35162	117373	1.32%	0.260%
13	37.104	3485	3492	3512	rBV2	1334779	4017928	45.07%	8.897%

Sum of corrected areas: 45161755

30606.D GCMS1126.M Tue Jan 29 14:20:13 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2101\30606.D
Operator : 209 GALOS
Acquired : 23 Dec 2001 2:19 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/17
Misc Info :
Vial Number: 19
Quant File :GCMS1126.RES (RTE Integrator)



30606.D GCMS1126.M Tue Jan 29 14:20:19 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

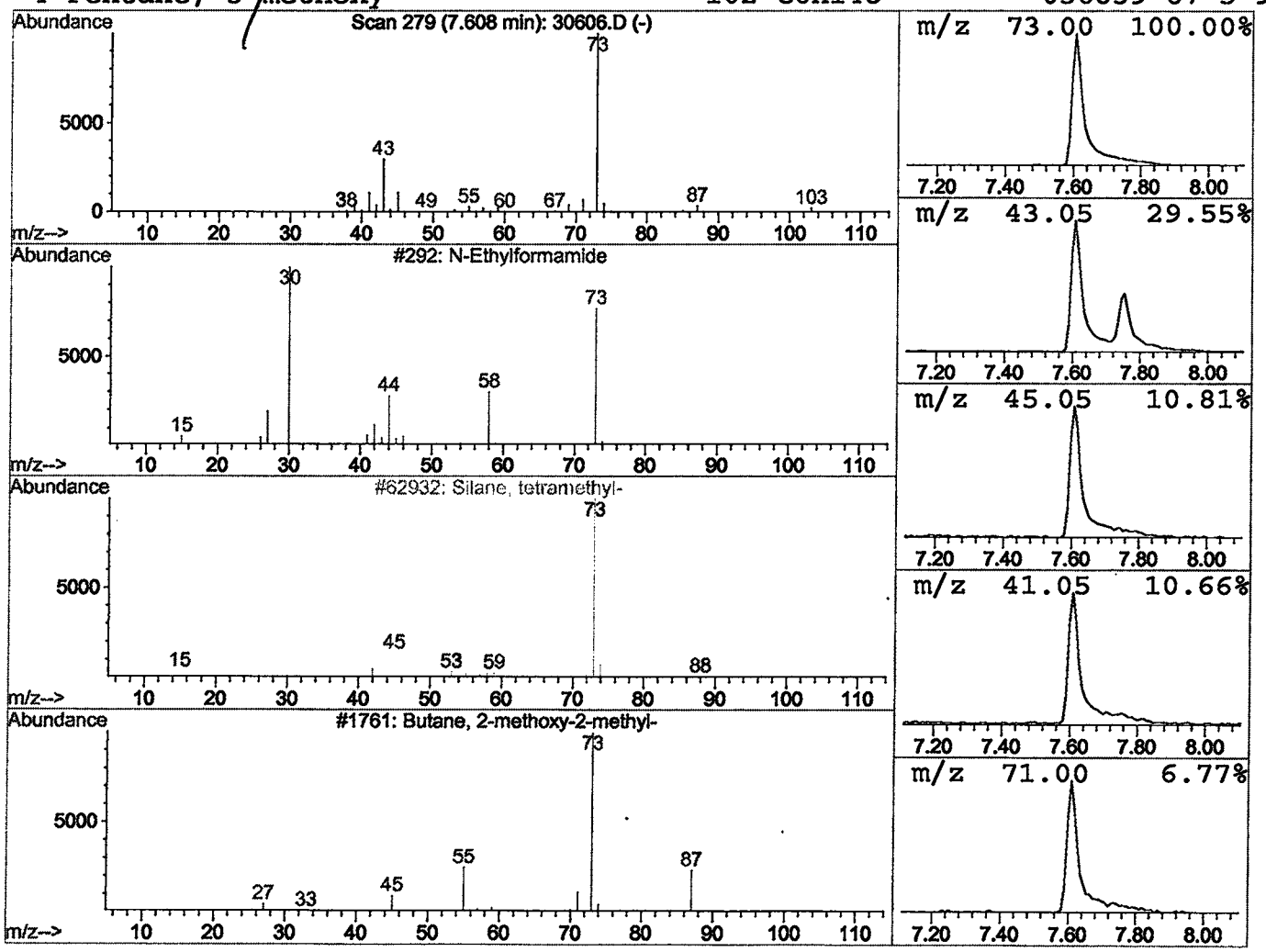
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.08 ug/l	1029060	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

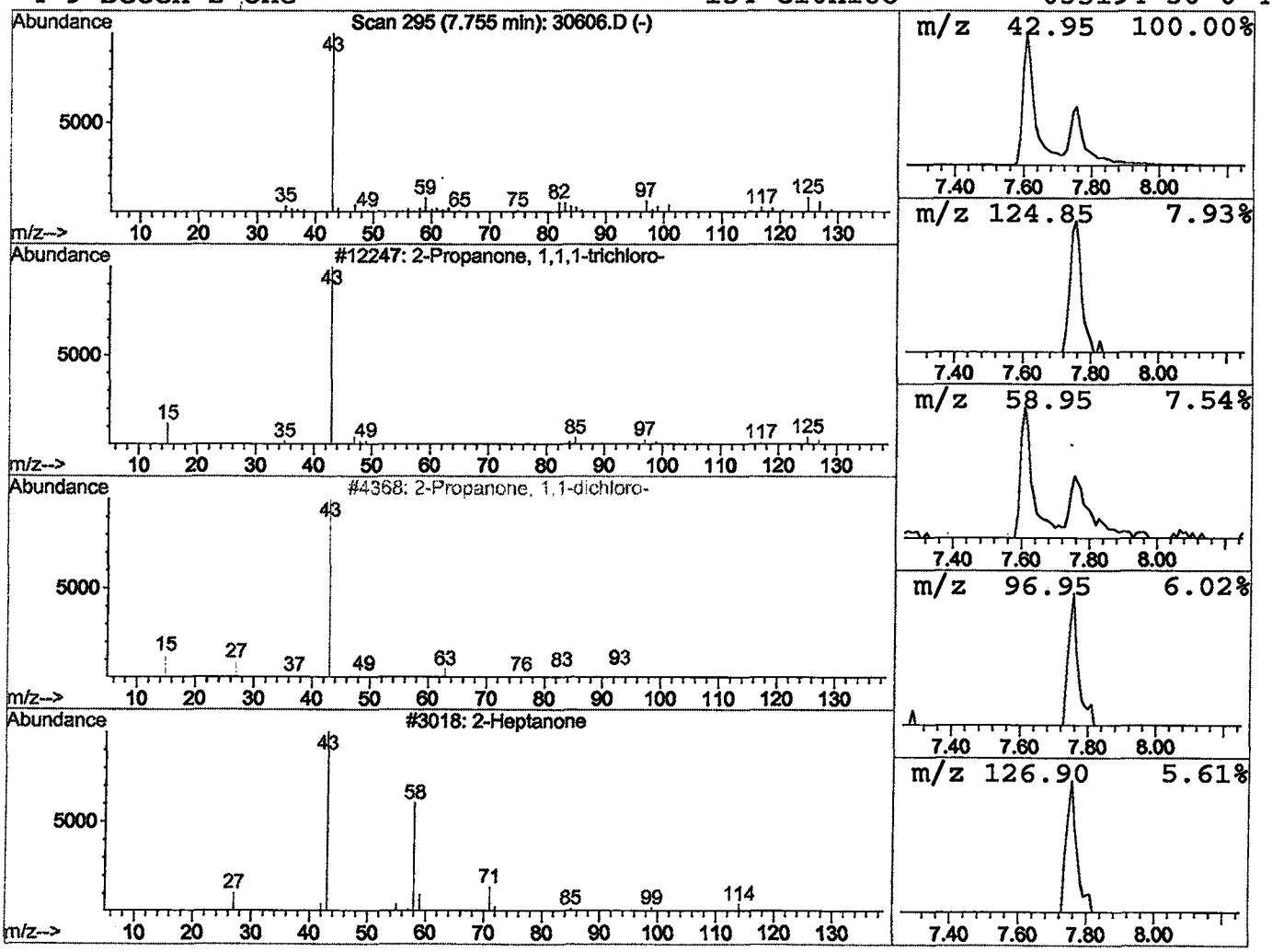
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.70 ug/l	234781	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	42
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	2-Heptanone	114	C7H14O	000110-43-0	4
4	9-Decen-2-one	154	C10H18O	035194-30-0	4



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D
Acq On : 23 Dec 2001 2:19 am
Sample : gc/ms scan 12/17
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

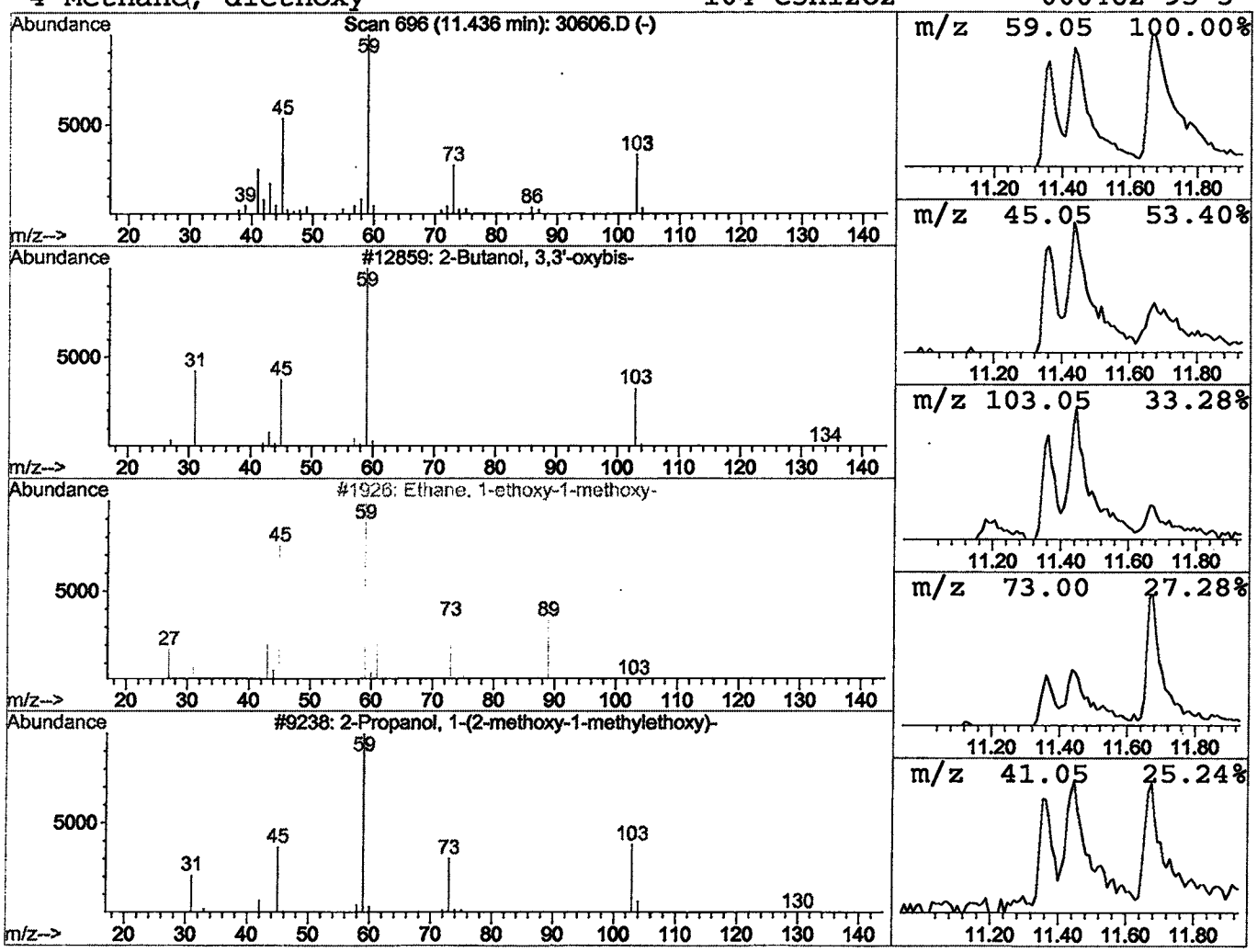
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Butanol, 3,3'-oxybis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.39 ug/l	130778	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	59
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	59
3	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	47



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30606.D Vial: 19
Acq On : 23 Dec 2001 2:19 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

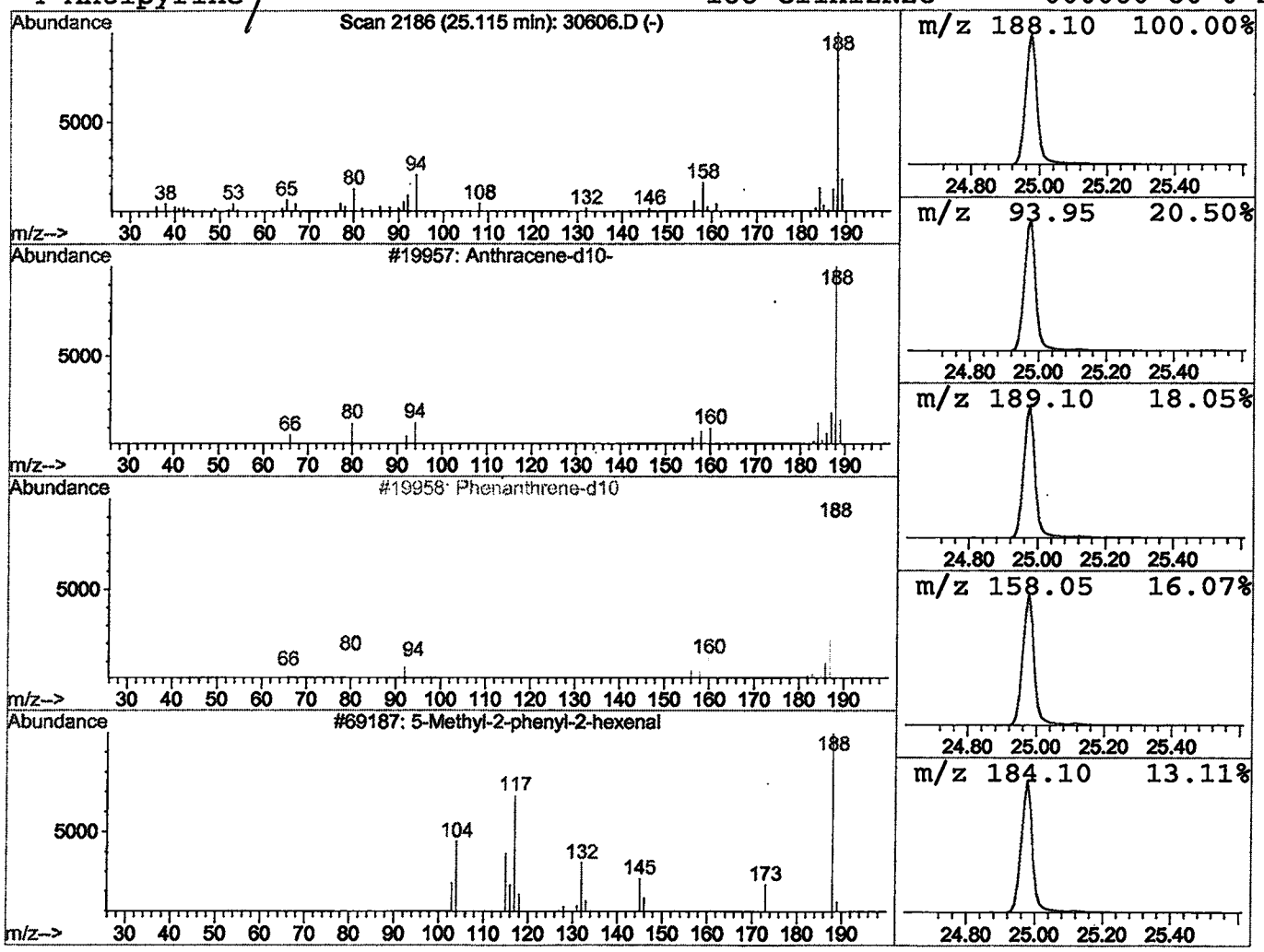
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	0.34 ug/l	141707	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10- IS	188	C14D10	001719-06-8	74
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	5-Methyl-2-phenyl-2-hexenal	188	C13H16O	021834-92-4	43
4	Antipyrine	188	C11H12N2O	000060-80-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 23 Dec 2001 2:19 am
Data File: M:\INSTRU~1\209\DATA\DEC2101\30606.D
Name: gc/ms scan 12/17
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	7.61	3.1	ug/l	1029060	ISTD01	11.67	6679480	20.0
2-Propanone, 1,1,1-t	7.75	0.7	ug/l	234781	ISTD01	11.67	6679480	20.0
2-Butanol, 3,3'-oxyb	11.44	0.4	ug/l	130778	ISTD01	11.67	6679480	20.0
Anthracene-d10 - IS	25.11	0.3	ug/l	141707	ISTD04	24.98	8453400	20.0

30606.D GCMS1126.M Tue Jan 29 14:20:45 2002