User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:34:09

Sample: AD29669
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:33 Ended: 1/28/02 11:33 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Stat: 2,4 DB20	5 PPM	89		7.0

Comments for Sample AD29669 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:21:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice. The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29669.D Vial: 61
Acq On : 3 Jan 2002 1:04 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 16 9:12 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	11.67	152	1217126	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4737393	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2390704	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.99	188	3361693m	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	2103176	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	1166504	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	127665	3.45	ug/mL	0.00
Spiked Amount 5.000			Recovery = 69.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.35	74	178	N.D.		
3) bis(2-Chloroethyl)ether	10.68	93	117	N.D.		
4) 1,3-Dichlorobenzene	11.72	146	494	N.D.		
5) 1,4-Dichlorobenzene	11.72	146	494	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	12.94	70	25049	0.52	ug/l #	58
9) Hexachloroethane	13.33	117	366	N.D.		
11) Nitrobenzene	13.33	77	291	N.D.		
12) Isophorone	14.12	82	915	N.D.		
13) bis(2-Chloroethoxy)methane	14.32	93	1877	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.34	128	4917	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.53	162	135	N.D.		
20) Dimethylphthalate	20.01	163	816	N.D.		
21) 2,6-Dinitrotoluene	20.28	165	3744	N.D.		
22) Acenaphthylene	20.12	152	737	N.D.		
23) Acenaphthene	20.64	153	901	N.D.		
24) 2,4-Dinitrotoluene	21.28	165	1055	N.D.		
25) Diethylphthalate	22.11	149	3323	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.23	166	1091	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\DEC3101\29669.D Vial: 61
Acq On : 3 Jan 2002 1:04 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 16 9:12 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

	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	2958	N.D.	
34)	Anthracene	25.19	178	783	N.D.	
35)	Di-n-butylphthalate	27.02	149	33542	N.D.	
36)	Fluoranthene	28.85	202	1195	N.D.	
39)	Pyrene	29.44	202	1006	N.D.	
40)	Butylbenzylphthalate	31.52	149	891	N.D.	
41)	Benzo(a)anthracene	33.02	228	9170	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	6072	N.D.	
43)	Chrysene	33.02	228	9170	N.D.	
45)	Di-n-Octylphthalate	35.05	149	1327	N.D.	
46)	Benzo(b)fluoranthene	36.12	252	1025	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	1429	N.D.	
48)	Benzo(a)pyrene	36.97	252	387	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.	

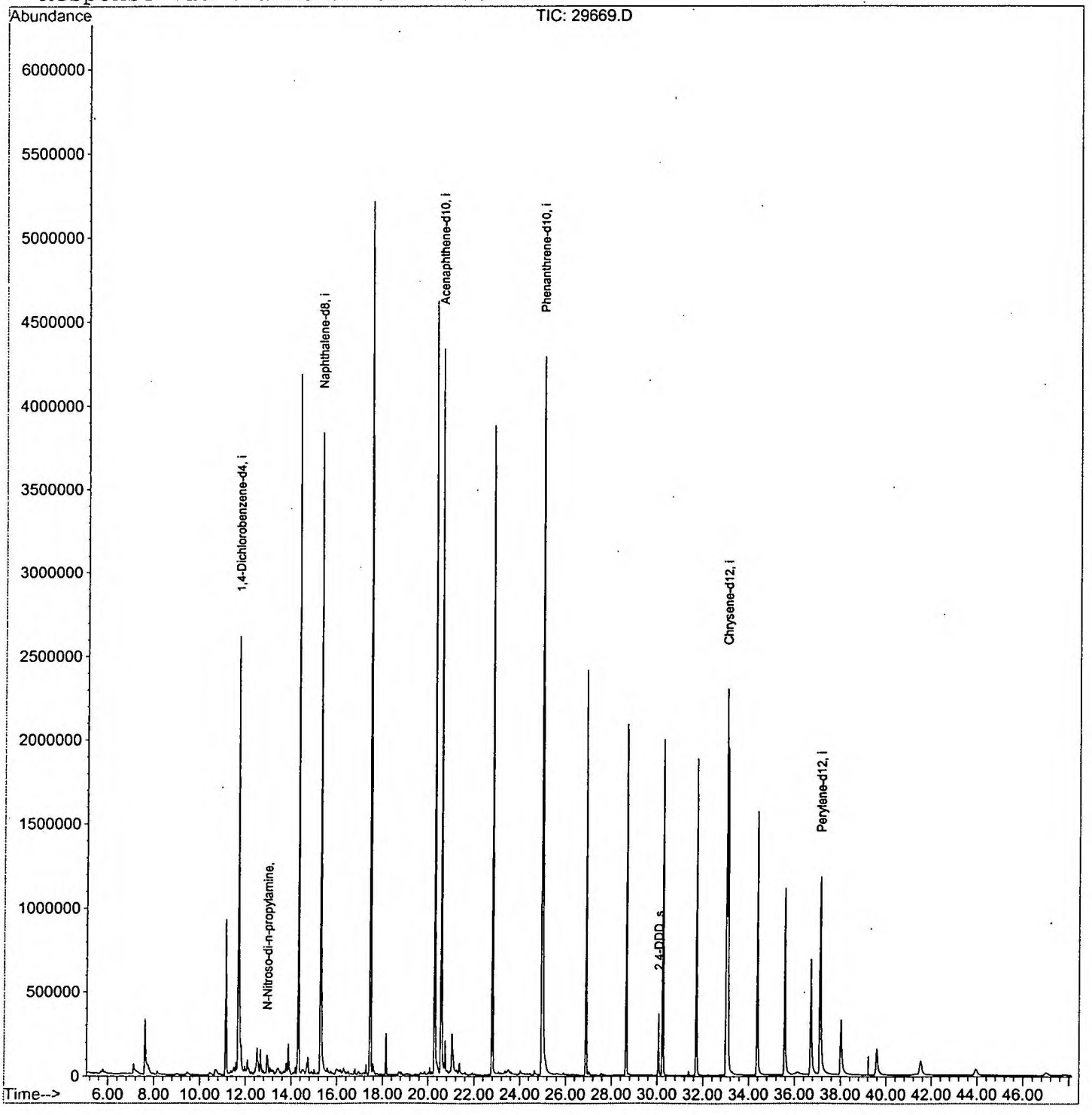
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29669.D
Acq On : 3 Jan 2002 1:04 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 16 9:12 2002

Vial: 61
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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29669.D Vial: 23
Acq On : 14 Dec 2001 6:22 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:07 2001 Quant Results File: GCMS1126.RES

Original injection

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1329242	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	5089392	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2509519	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3629398	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	2283567	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1596583	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	154798	2.95	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 59.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	846	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	13.30	117	419	N.D.		
11) Nitrobenzene	13.30	77	175	N.D.		
12) Isophorone	13.86	82	111	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	3354	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.23	165	486	N.D.		
25) Diethylphthalate	22.08	149	1320	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	23.07	77	556	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29669.D Vial: 23
Acq On : 14 Dec 2001 6:22 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:07 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

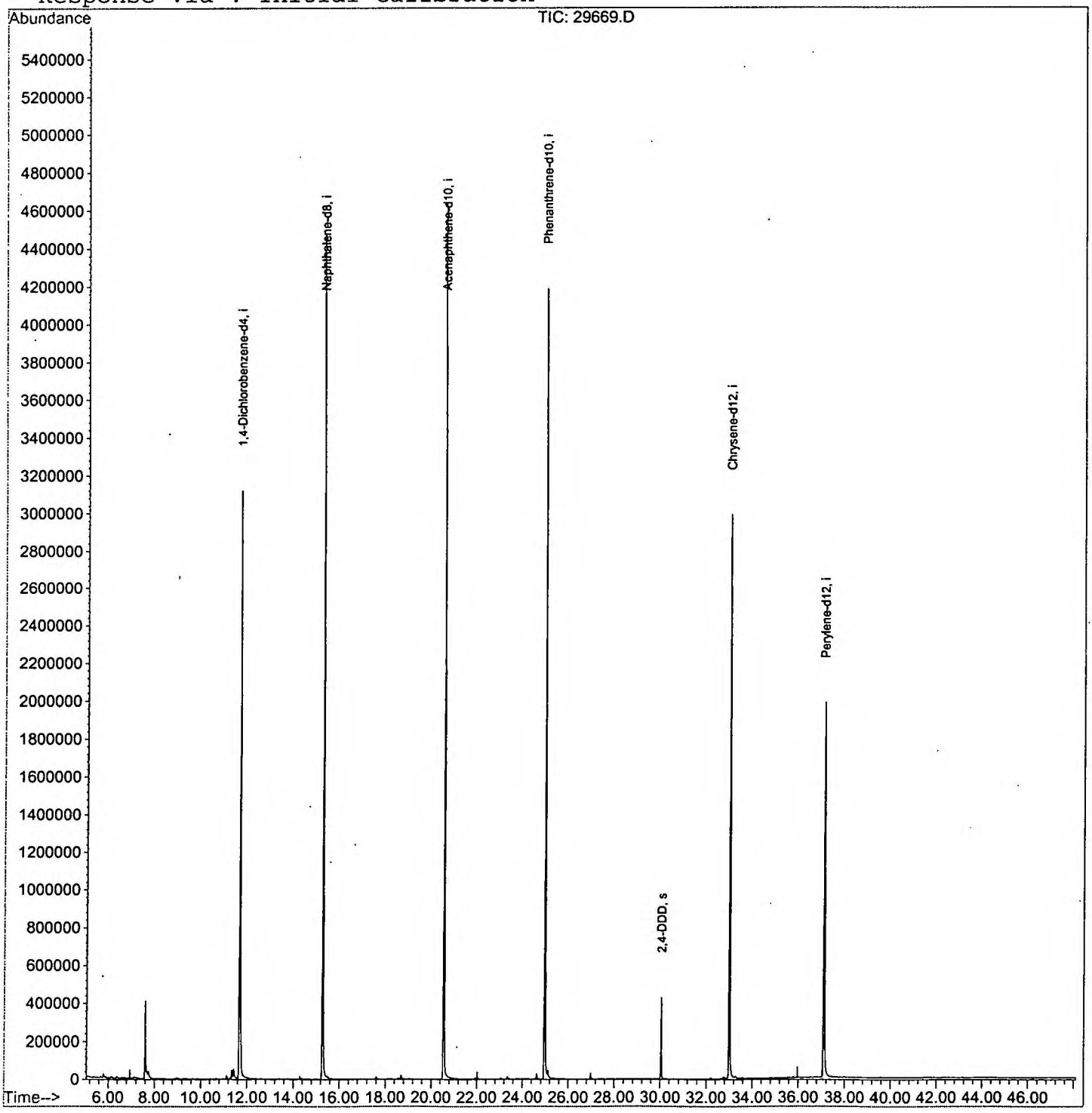
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	1360	N.D.	
34)	Anthracene	25.05	178	1360	N.D.	
35)	Di-n-butylphthalate	26.98	149	43534	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	533	N.D.	
41)	Benzo(a)anthracene	33.01	228	5965	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	8639	N.D.	
43)	Chrysene	33.01	228	5965	N.D.	
45)	Di-n-Octylphthalate	35.05	149	615	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	6189	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\DEC1301\29669.D Vial: 23
Acq On : 14 Dec 2001 6:22 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:07 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 : M:\INSTRU~1\209\DATA\DEC1301\29669.D Vial: 23
Acq On : 14 Dec 2001 6:22 am Operator: 209 GALOS
Sample : gcms scan 12/7 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

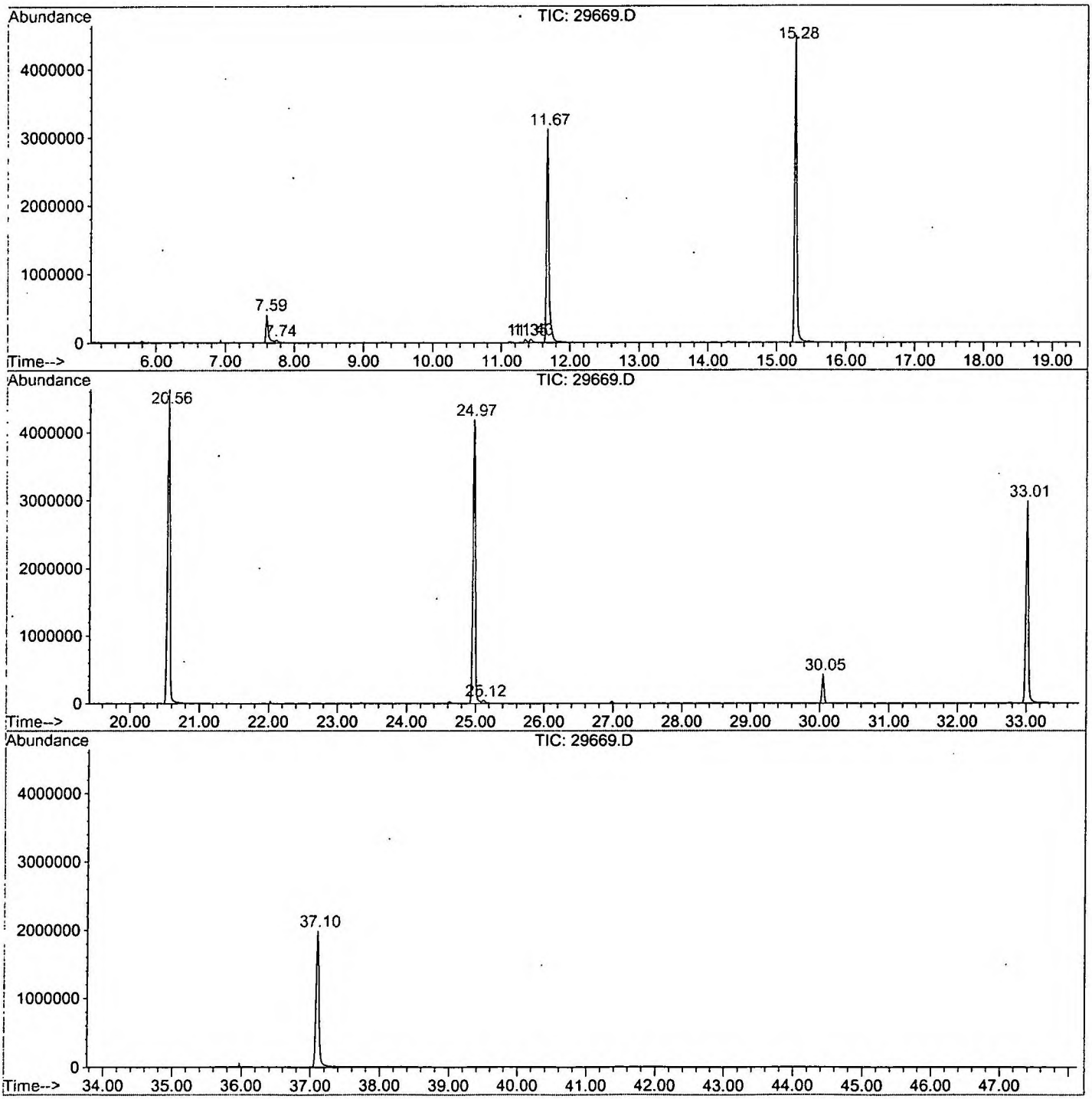
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	291	rBV	407630	999362	9.66%	1.894%
2	7.740	291	294	311	rVB	39666	141475	1.37%	0.268%
3	11.348	684	687	692	rBV	47795	109614	1.06%	0.208%
4	11.431	692	696	716	rVB	50794	169801	1.64%	0.322%
5	11.669	717	722	740	rBV	3115645	7508264	72.54%	14.229%
6	15.277	1109	1115	1131	rBV	4474666	9676013	93.49%	18.337%
7	20.556	1683	1690	1714	rBV	4641565	10350055	100.00%	19.614%
8	24.972	2165	2171	2183	rBV2	4188912	9689087	93.61%	18.361%
9	25.119	2183	2187	2200	rVB	42451	149697	1.45%	0.284%
10	30.048	2719	2724	2732	rBV	428621	857533	8.29%	1.625%
11	33.014	3037	3047	3073	rBV2	2988121	7300603	70.54%	13.835%
12	37.099	3484	3492	3513	rBV2	1980915	5817231	56.20%	11.024%

Sum of corrected areas: 52768735

29669.D GCMS1126.M Tue Jan 08 10:59:46 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC1301\29669.D
Operator : 209 GALOS
Acquired : 14 Dec 2001 6:22 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 23
Quant File :GCMS1126.RES (RTE Integrator)



29669.D GCMS1126.M Tue Jan 08 10:59:52 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29669.D Vial: 23
Acq On : 14 Dec 2001 6:22 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

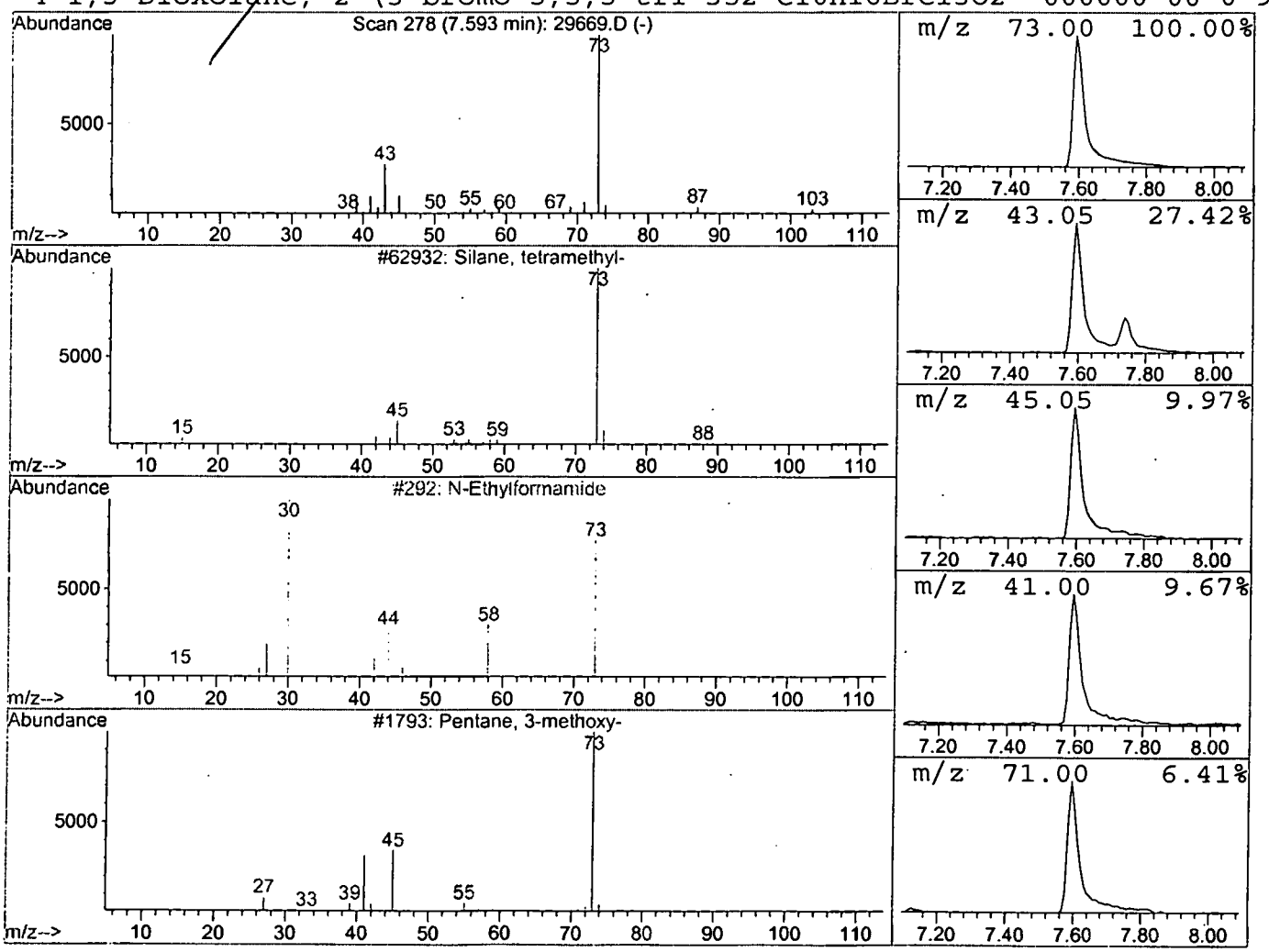
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.66 ug/l	999362	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29669.D
Acq On : 14 Dec 2001 6:22 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

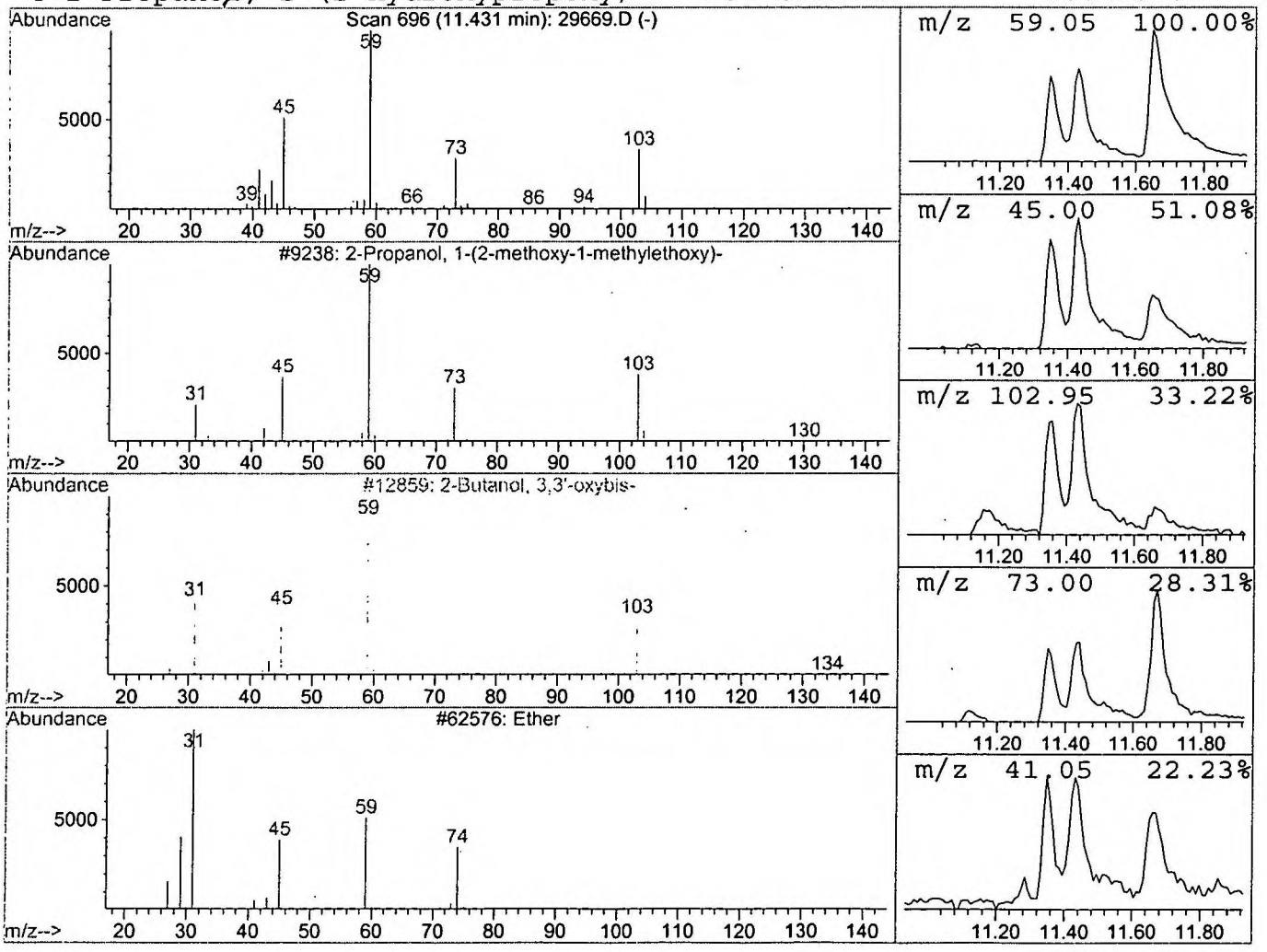
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.45 ug/l	169801	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	Ether	74	C4H10O	000060-29-7	42
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 14 Dec 2001 6:22 am
Data File: M:\INSTRU~1\209\DATA\DEC1301\29669.D
Name: gcms scan 12/7
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-	7.59	2.7	ug/l	999362	ISTD01	11.67	7508260	20.0
2-Propanol, 1-(2-met	11.43	0.5	ug/l	169801	ISTD01	11.67	7508260	20.0

29669.D GCMS1126.M Tue Jan 08 11:00:07 2002