User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 15:58:29

Sample: AD29229
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 15:57 Ended: 12/28/01 15:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		118		5.0

Comments for Sample AD29229 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 15:59:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.29 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D Vial: 12
Acq On : 12 Dec 2001 12:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	868642	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3331094	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1678065	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2391203	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1512188	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	986184	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	167256	5.88	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 117.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.35	74	103	N.D.		
3) bis(2-Chloroethyl)ether	10.99	93	462	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	13.25	77	191	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	1458	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	21.13	165	185	N.D.		
25) Diethylphthalate	22.08	149	1542	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	23.08	77	180	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D Vial: 12
Acq On : 12 Dec 2001 12:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	25.04	178	910	N.D.	
34)	Anthracene	25.15	178	181	N.D.	
35)	Di-n-butylphthalate	26.99	149	48412	0.29 ug/l	98
36)	Fluoranthene	28.68	202	208	N.D.	
39)	Pyrene	29.37	202	925	N.D.	
40)	Butylbenzylphthalate	31.49	149	1240	N.D.	
41)	Benzo(a)anthracene	33.08	228	7516	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	15772	N.D.	
43)	Chrysene	33.08	228	7516	N.D.	
45)	Di-n-Octylphthalate	35.01	149	2447	N.D.	
46)	Benzo(b)fluoranthene	36.11	252	7181	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	7180	N.D.	
48)	Benzo(a)pyrene	36.94	252	1805	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	41.93	276	397	N.D.	

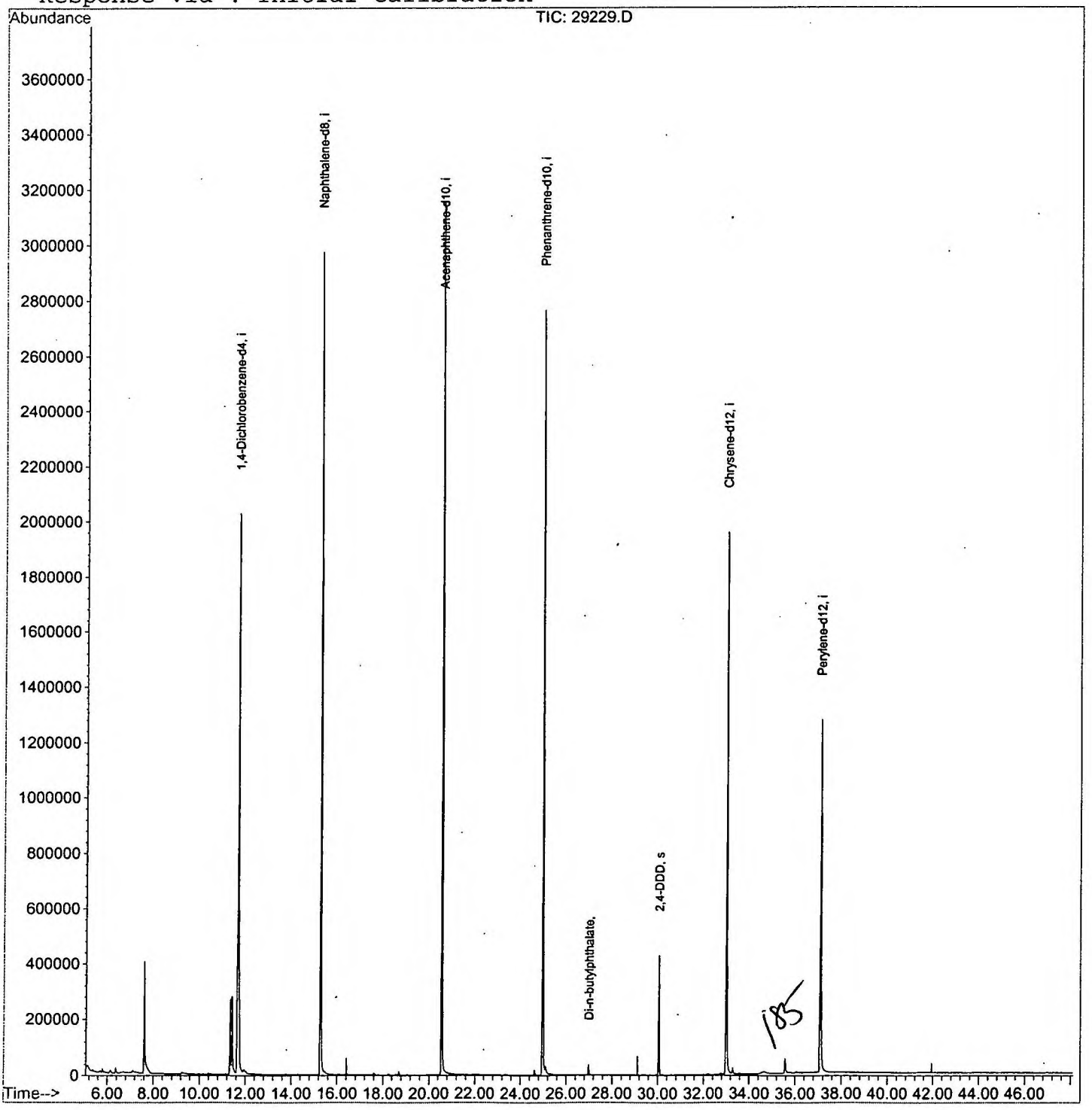
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D
Acq On : 12 Dec 2001 12:44 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:48 2001

Vial: 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\DEC1201\29229.D Vial: 12
Acq On : 12 Dec 2001 12:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 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

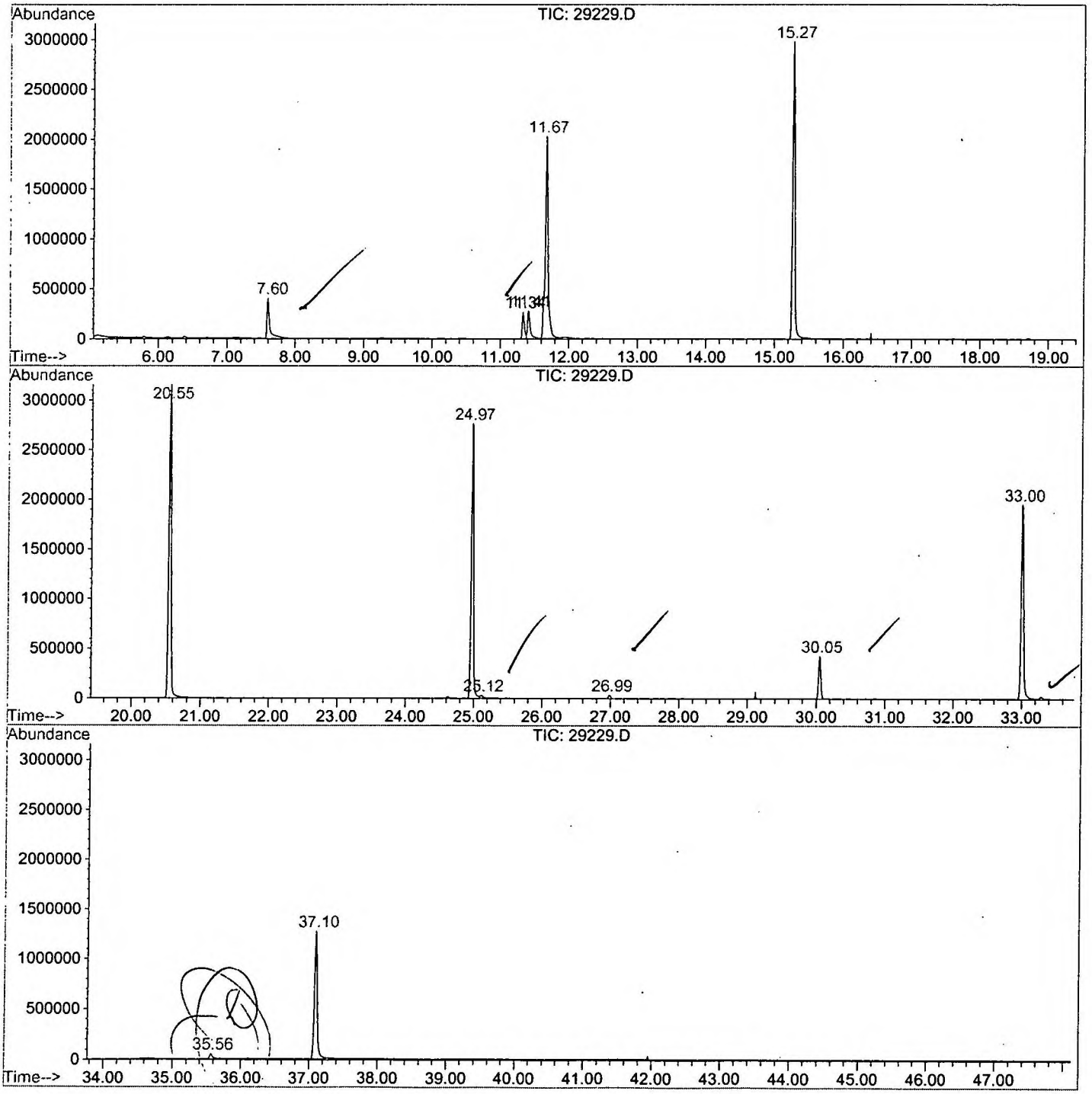
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	273	278	308	rBV	401530	1127355	16.40%	2.997%
2	11.336	681	685	690	rBV	268056	578754	8.42%	1.539%
3	11.409	690	693	713	rVB	275936	738053	10.73%	1.962%
4	11.666	713	721	745	rBV2	2021304	5901974	85.84%	15.692%
5	15.274	1108	1114	1133	rBV	2973954	6364788	92.58%	16.923%
6	20.553	1683	1689	1707	rBV	3155420	6875246	100.00%	18.280%
7	24.969	2164	2170	2182	rBV2	2764017	6392099	92.97%	16.995%
8	25.116	2183	2186	2194	rVB	25078	68783	1.00%	0.183%
9	26.988	2383	2390	2398	rBV	36153	83214	1.21%	0.221%
10	30.045	2718	2723	2733	rBV	426885	912149	13.27%	2.425%
11	33.001	3036	3045	3066	rBV2	1959278	4810299	69.97%	12.790%
12	35.563	3319	3324	3334	rBV	52163	150628	2.19%	0.400%
13	37.096	3483	3491	3509	rBV2	1270326	3607859	52.48%	9.593%

Sum of corrected areas: 37611201

29229.D GCMS1126.M Fri Dec 28 15:27:39 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29229.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 12:44 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



29229.D GCMS1126.M Fri Dec 28 15:27:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D
Acq On : 12 Dec 2001 12:44 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

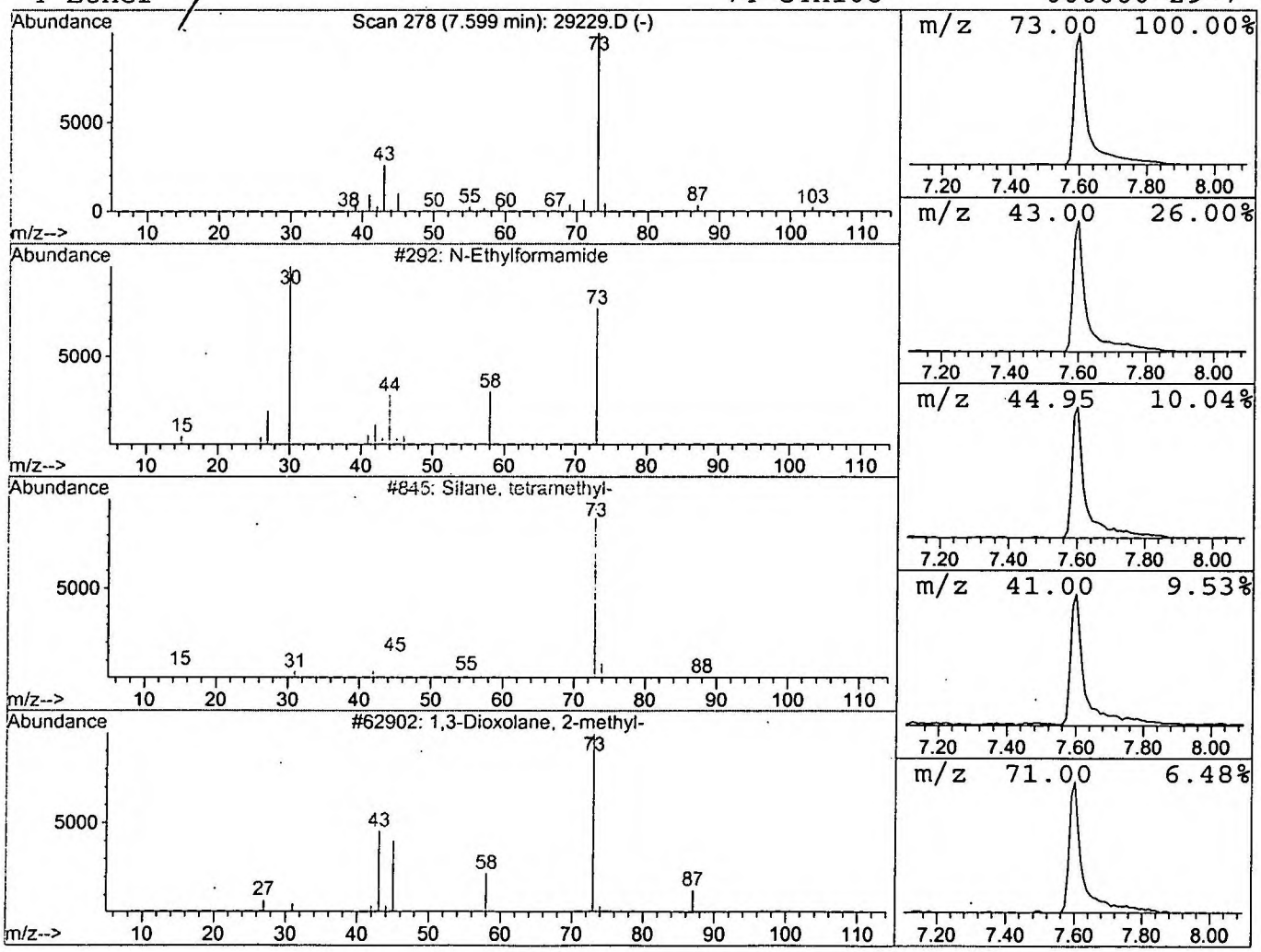
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.82 ug/l	1127360	1,4-Dichlorobenzene-d4	11.68

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-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D Vial: 12
Acq On : 12 Dec 2001 12:44 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

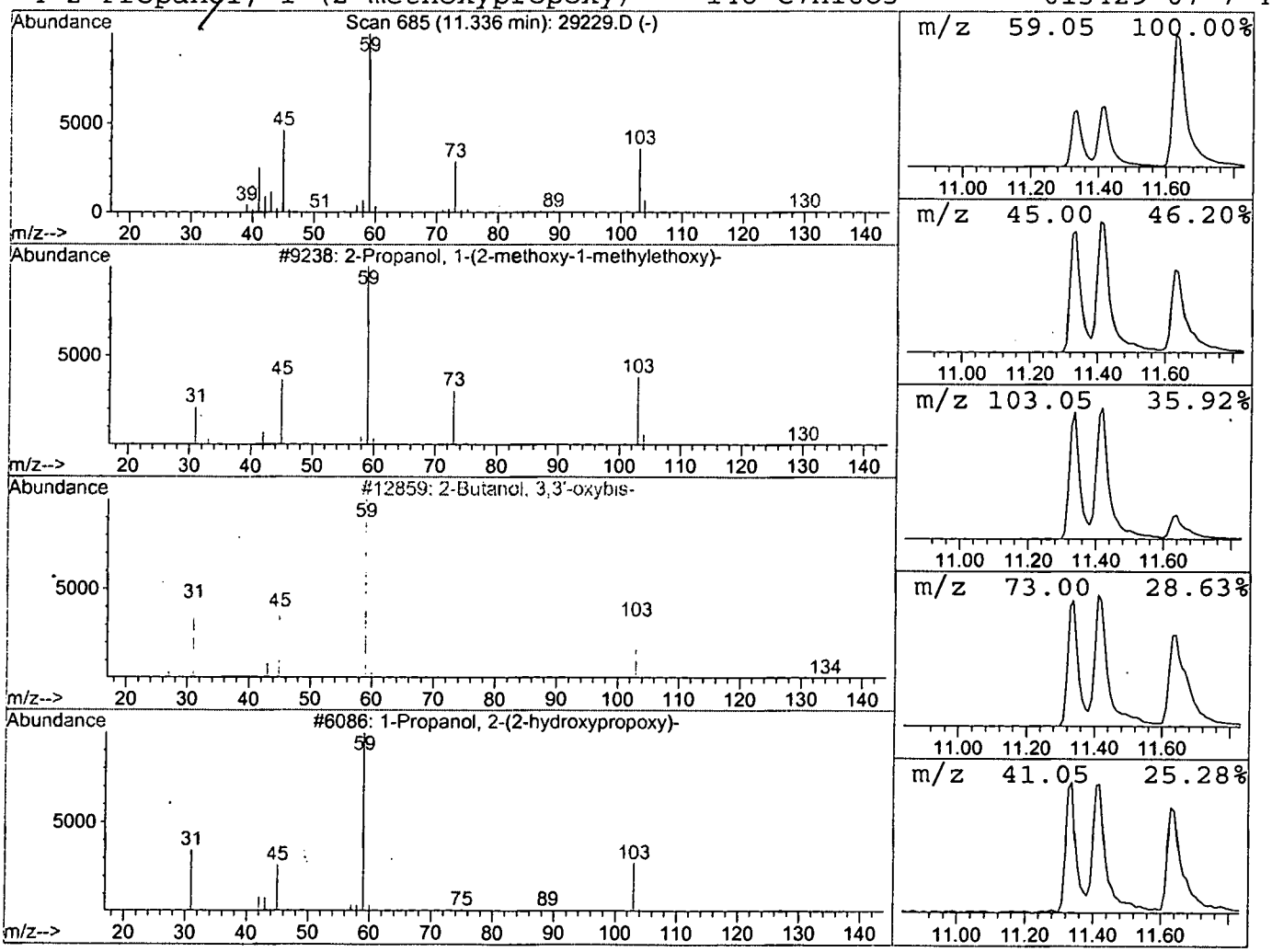
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.96 ug/l	578754	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D
Acq On : 12 Dec 2001 12:44 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

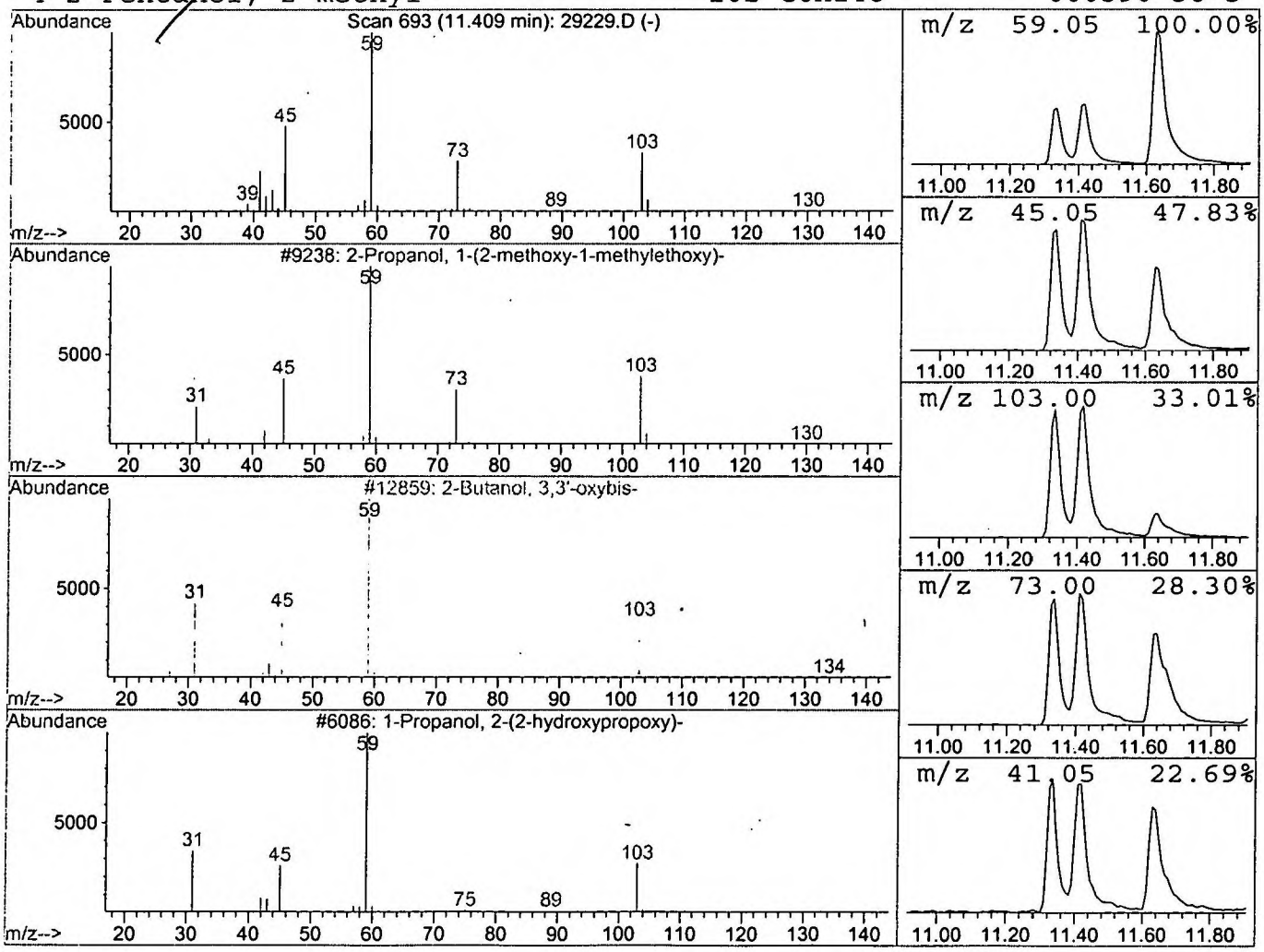
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.50 ug/l	738053	1,4-Dichlorobenzene-d4	11.68

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	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29229.D
Acq On : 12 Dec 2001 12:44 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

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

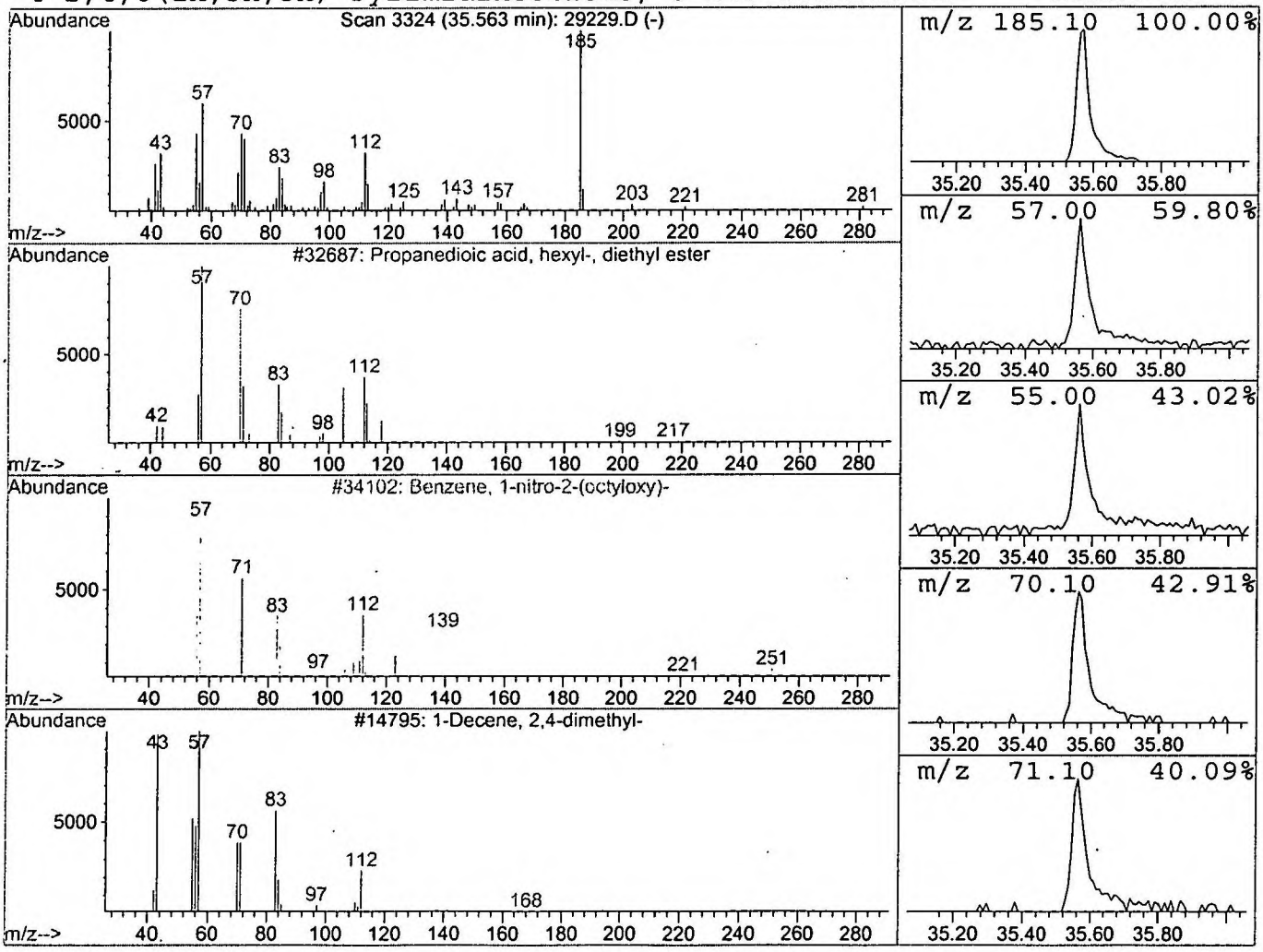
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Propanedioic acid, hexyl-, die Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.56	0.83 ug/l	150628	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	35
2	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	32
3	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	25
4	2,4,6(1H,3H,5H)-Pyrimidinetrione, 5	240	C12H20N2O3	051209-91-7	16



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 12:44 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29229.D
Name: gc/ms scan 12/4
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	3.8	ug/l	1127360	ISTD01	11.68	5901970	20.0
2-Propanol, 1-(2-met	11.34	2.0	ug/l	578754	ISTD01	11.68	5901970	20.0
2-Propanol, 1-(2-met	11.41	2.5	ug/l	738053	ISTD01	11.68	5901970	20.0
Propanedioic acid, h	35.56	0.8	ug/l	150628	ISTD06	37.10	3607860	20.0

29229.D GCMS1126.M Fri Dec 28 15:28:07 2001