Comments for Sample AD29287 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 15:53:46

The GCMS scan, from 35 to 550 amu does not reveal the presence of any unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 15:52:37

Sample: AD29287
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 15:50 Ended: 12/18/01 15:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2					

89% OR

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29287.D Vial: 17
Acq On : 11 Dec 2001 2:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:28 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	898717	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3442663	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1756526	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2485300	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1538377	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1108970	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	131351	4.44	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 88.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	593	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.73	146	299	N.D.		
5) 1,4-Dichlorobenzene	11.73	146	299	N.D.		
6) 1,2-Dichlorobenzene	11.73	146	386	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	2191	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	21.18	165	222	N.D.		
25) Diethylphthalate	22.10	149	363	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\DEC1001\29287.D Vial: 17
Acq On : 11 Dec 2001 2:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:28 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

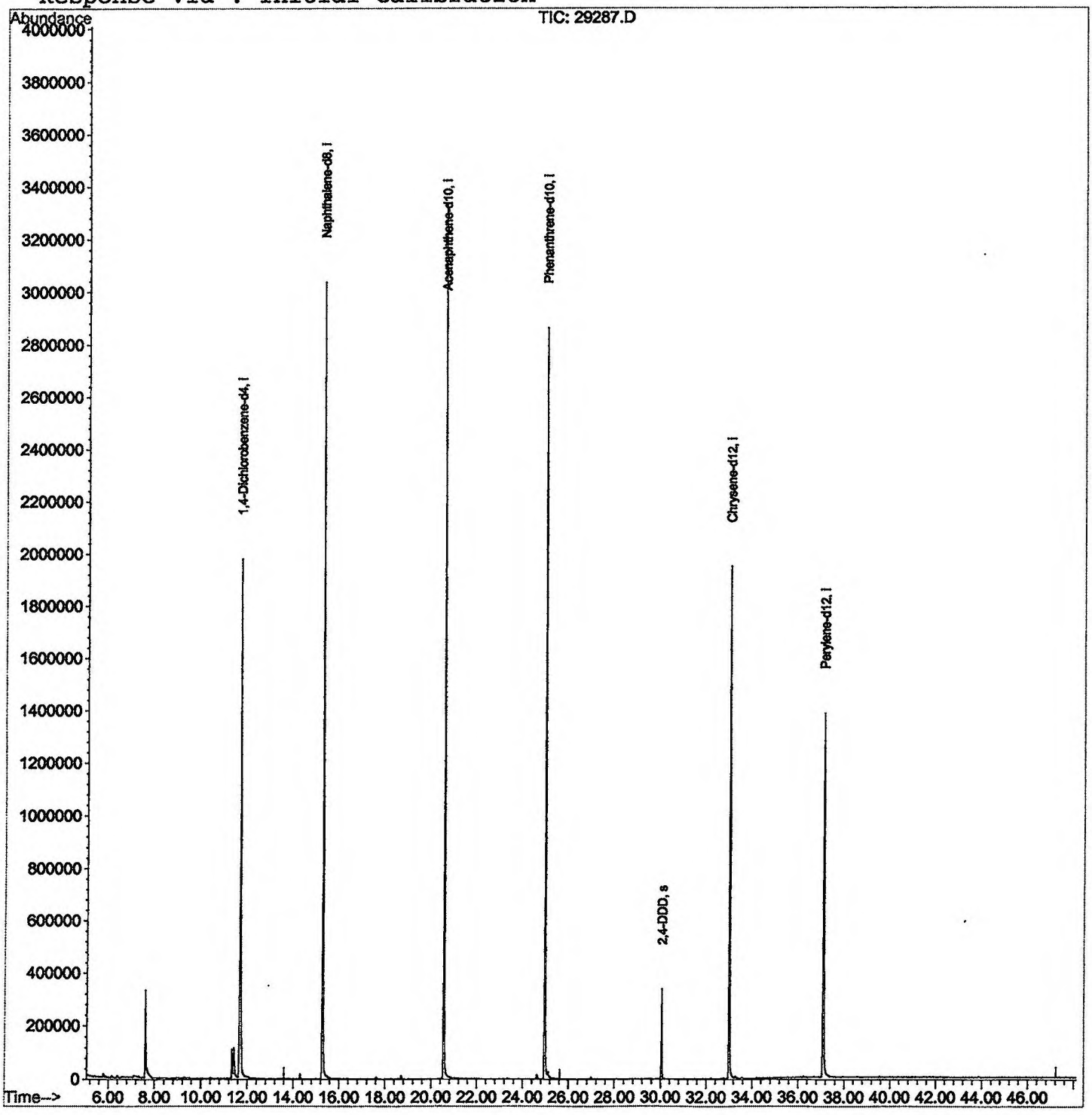
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.97	178	845	N.D.	
34) Anthracene	24.97	178	845	N.D.	
35) Di-n-butylphthalate	26.99	149	10551	N.D.	
36) Fluoranthene	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	4121	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	4553	N.D.	
43) Chrysene	33.01	228	4121	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	4204	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\DEC1001\29287.D Vial: 17
Acq On : 11 Dec 2001 2:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:28 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29287.D Vial: 17
Acq On : 11 Dec 2001 2:20 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 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

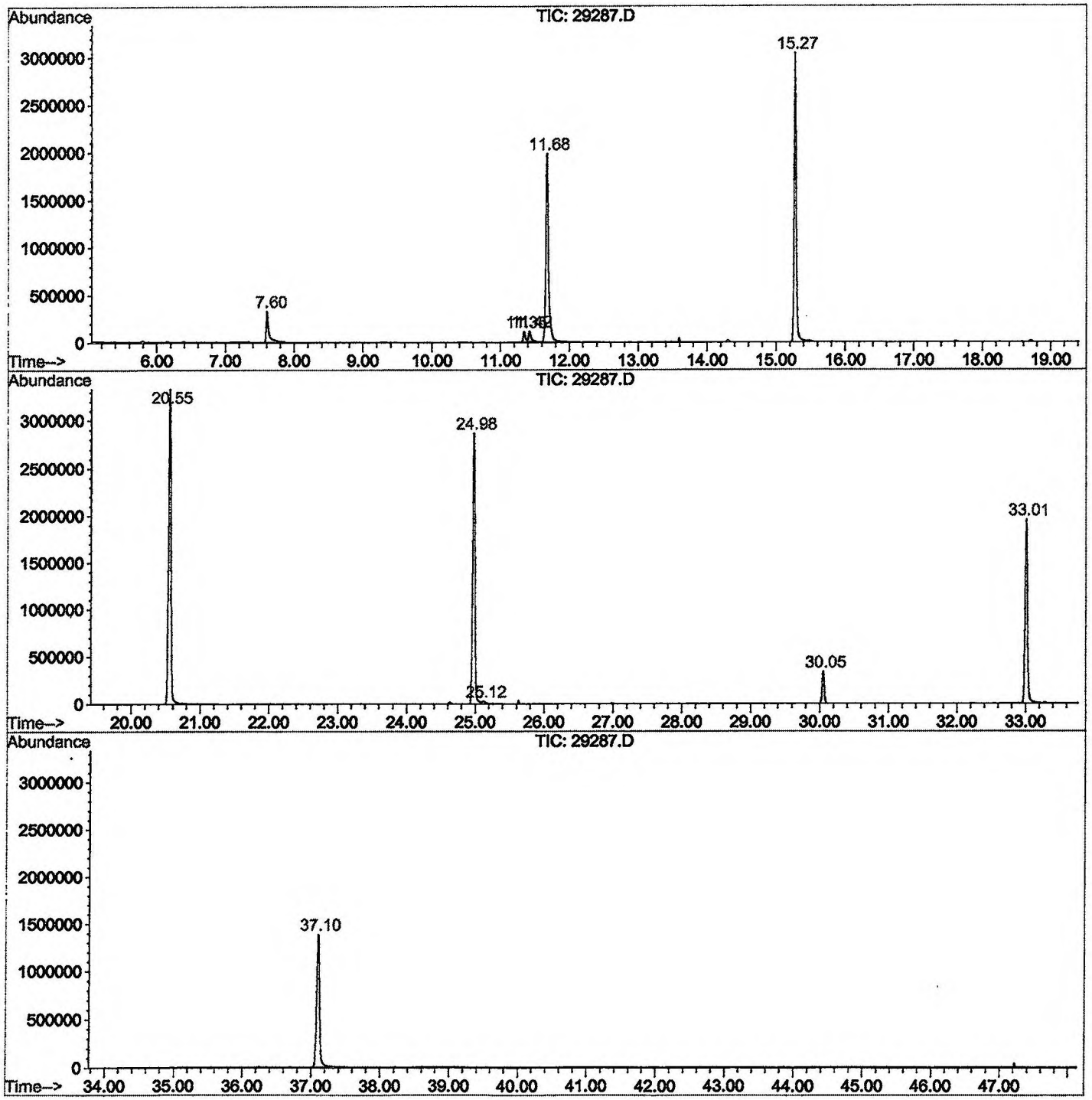
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	299	rBV	329401	909961	12.60%	2.477%
2	11.345	682	686	691	rBV	110769	255982	3.54%	0.697%
3	11.419	691	694	705	rVB	109900	282004	3.90%	0.768%
4	11.676	714	722	740	rBV	1977310	5295522	73.31%	14.415%
5	15.274	1108	1114	1133	rBV	3037943	6517268	90.22%	17.741%
6	20.553	1683	1689	1711	rBV	3337616	7223548	100.00%	19.664%
7	24.978	2164	2171	2183	rBV2	2863624	6620142	91.65%	18.021%
8	25.125	2183	2187	2195	rVB2	22971	73741	1.02%	0.201%
9	30.055	2718	2724	2731	rBV	338362	715015	9.90%	1.946%
10	33.011	3039	3046	3058	rBV2	1951186	4816718	66.68%	13.112%
11	37.096	3484	3491	3509	rBV2	1381813	4025608	55.73%	10.958%

Sum of corrected areas: 36735509

29287.D GCMS1126.M Fri Dec 14 16:13:59 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29287.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 2:20 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/3
Misc Info :
Vial Number: 17
Quant File :GCMS1126.RES (RTE Integrator)



29287.D GCMS1126.M Fri Dec 14 16:14:05 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29287.D
Acq On : 11 Dec 2001 2:20 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

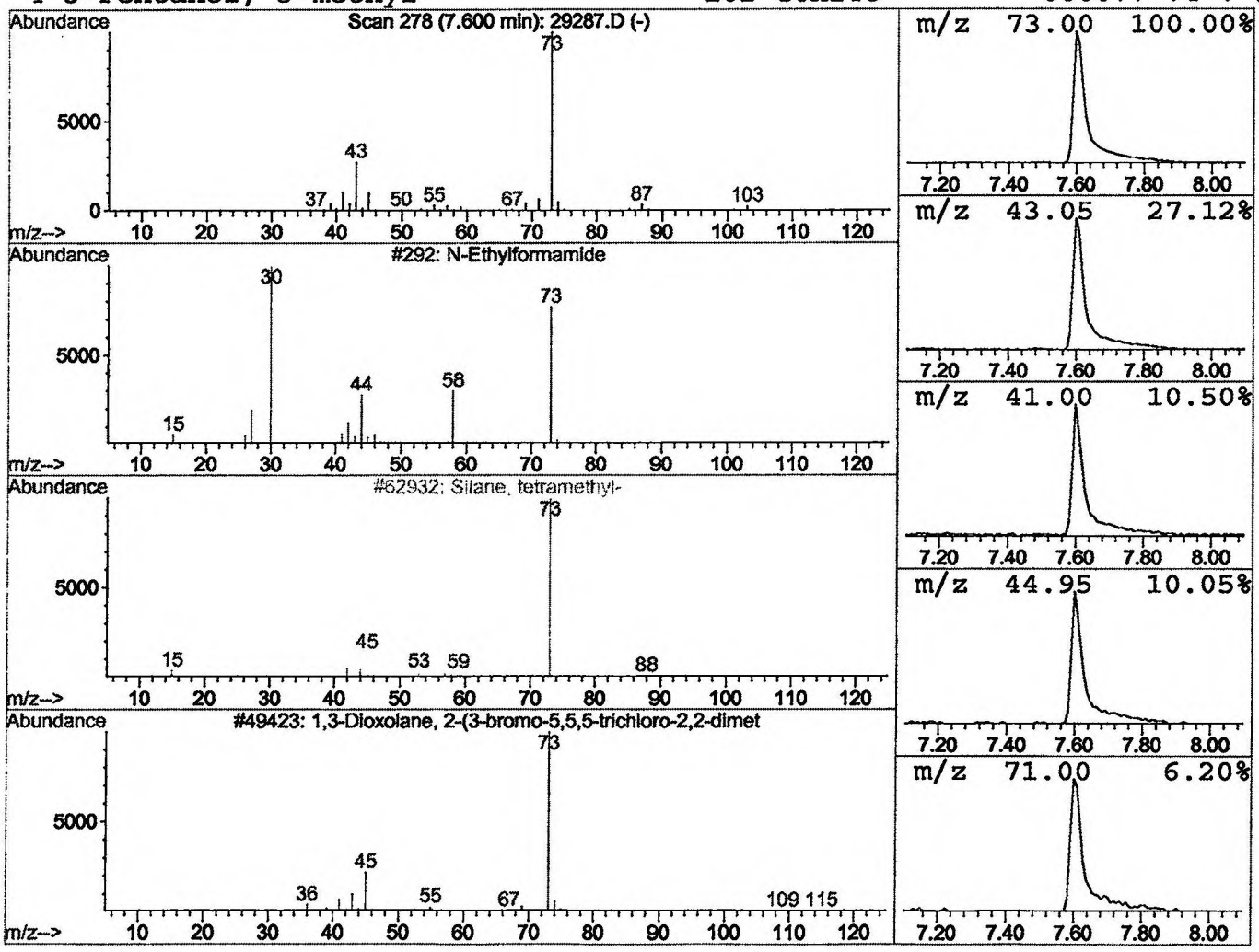
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.44 ug/l	909961	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29287.D
Acq On : 11 Dec 2001 2:20 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

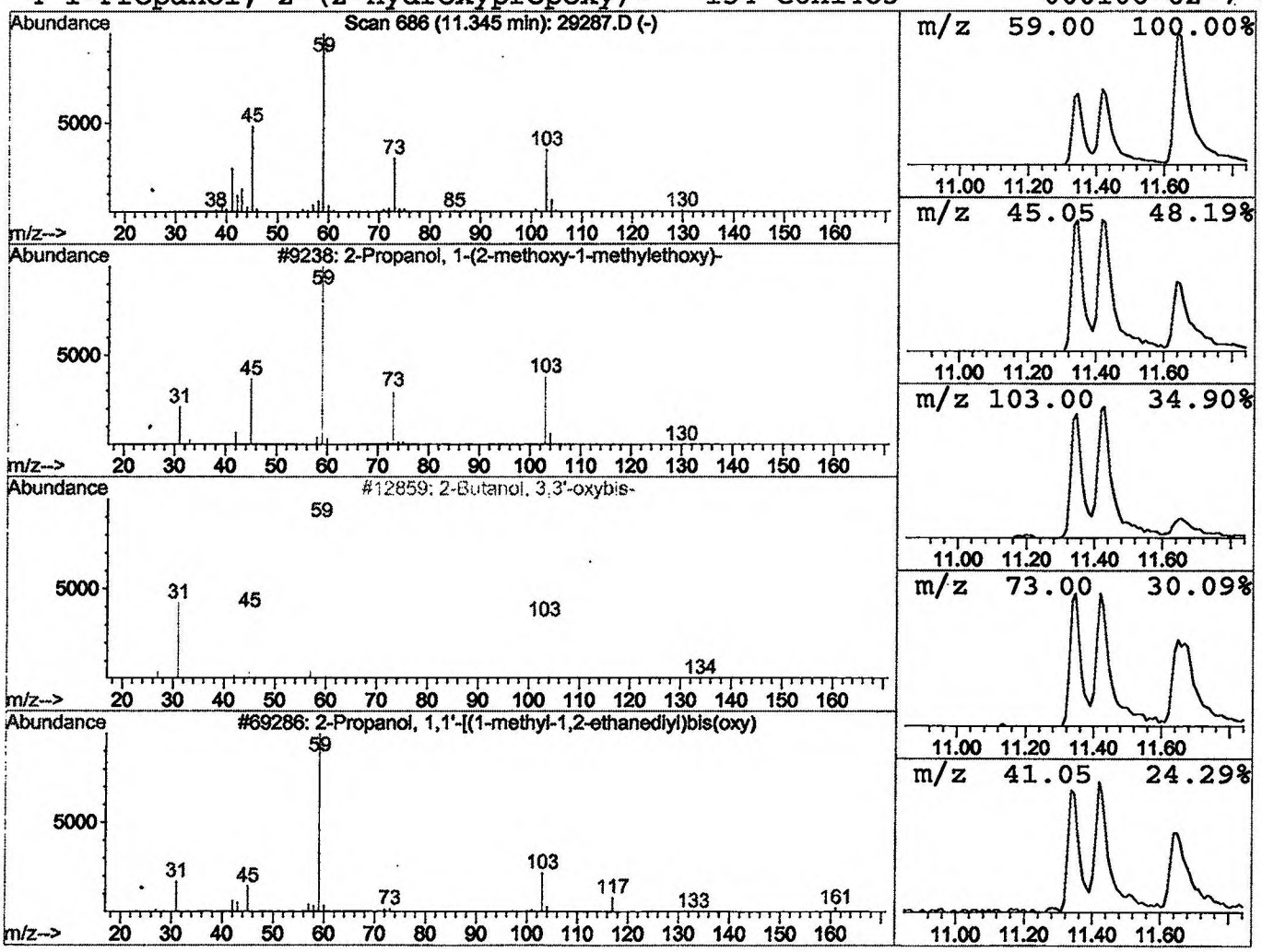
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.97 ug/l	255982	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	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	42
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29287.D
Acq On : 11 Dec 2001 2:20 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

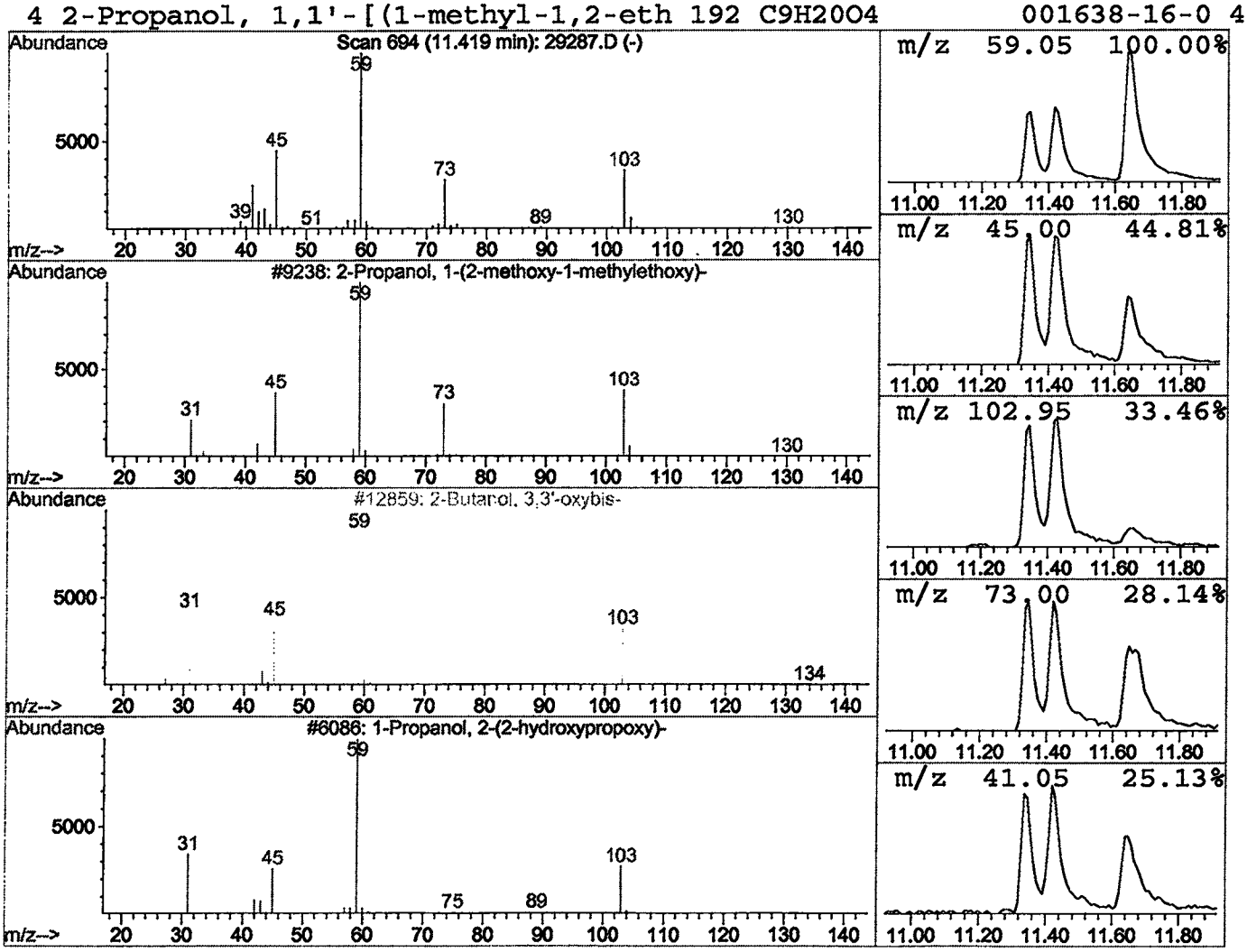
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.07 ug/l	282004	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	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 2:20 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29287.D
Name: gc/ms scan 12/3
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	909961	ISTD01	11.68	5295520	20.0
2-Propanol, 1-(2-met	11.35	1.0	ug/l	255982	ISTD01	11.68	5295520	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	282004	ISTD01	11.68	5295520	20.0

29287.D GCMS1126.M Fri Dec 14 16:14:24 2001