User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 14:58:11

Sample: AD29455
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 14:57 Ended: 12/28/01 14:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AD29455 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 14:58:28

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\DEC1001\29455.D Vial: 6
Acq On : 12 Dec 2001 4:37 am 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 12:45 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	11.67	152	1053241	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4053276	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2031790	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2922178	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1859791	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1280993	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	192846	5.54	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 110.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.14	74	297	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	13.11	77	176	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	15.32	128	1604	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	20.57	153	132	N.D.		
24) 2,4-Dinitrotoluene	21.35	165	178	N.D.		
25) Diethylphthalate	22.08	149	1738	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\29455.D Vial: 6
Acq On : 12 Dec 2001 4:37 am 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 12:45 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

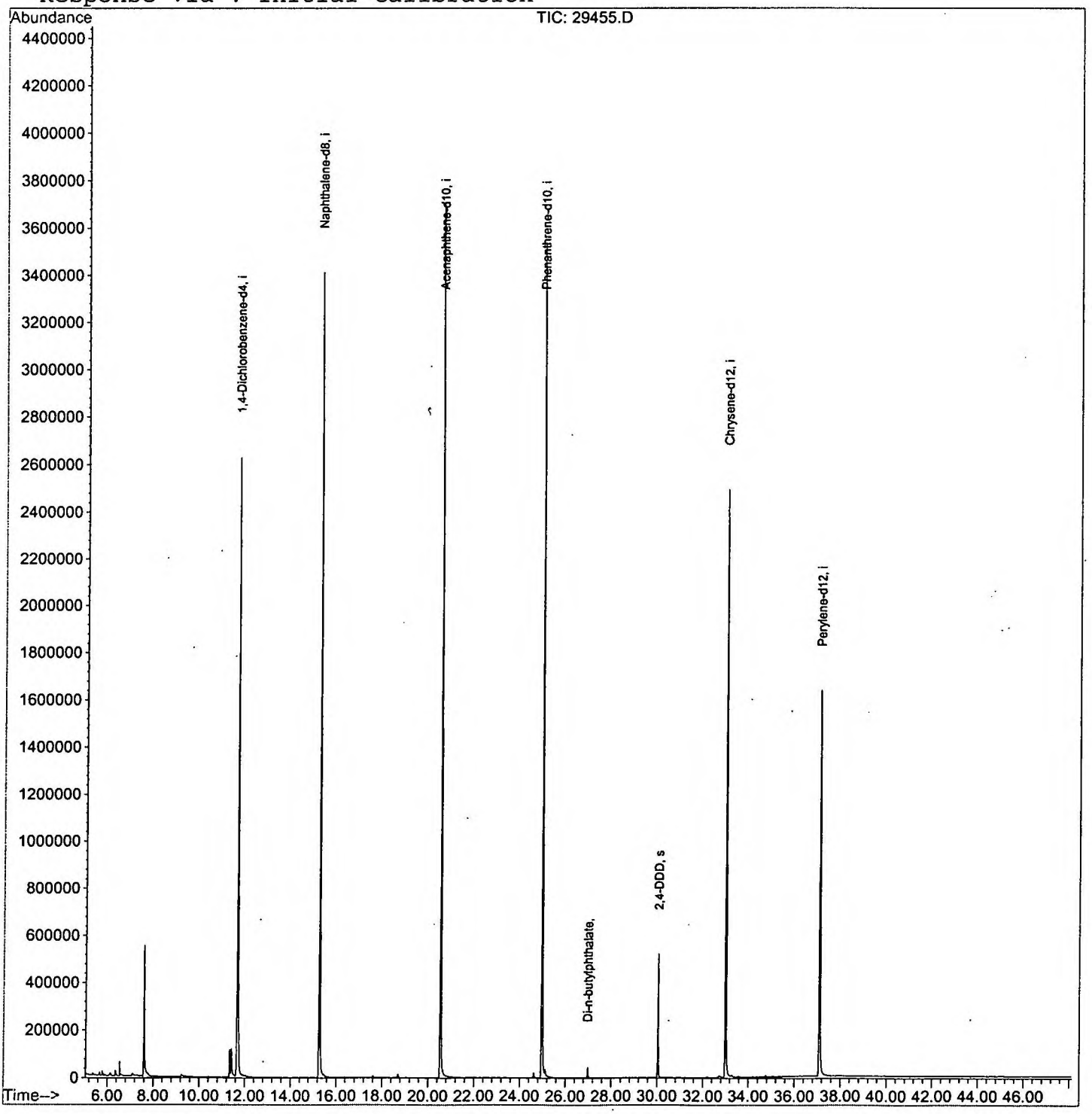
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.04	178	410	N.D.	
34) Anthracene	25.04	178	410	N.D.	
35) Di-n-butylphthalate	26.98	149	59977	0.29 ug/l #	98
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	4476	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	7482	N.D.	
43) Chrysene	33.01	228	4476	N.D.	
45) Di-n-Octylphthalate	35.02	149	331	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	4761	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\29455.D Vial: 6
Acq On : 12 Dec 2001 4:37 am 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 12:45 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 : C:\HPCHEM\1\DATA\DEC1001\29455.D Vial: 6
Acq On : 12 Dec 2001 4:37 am 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

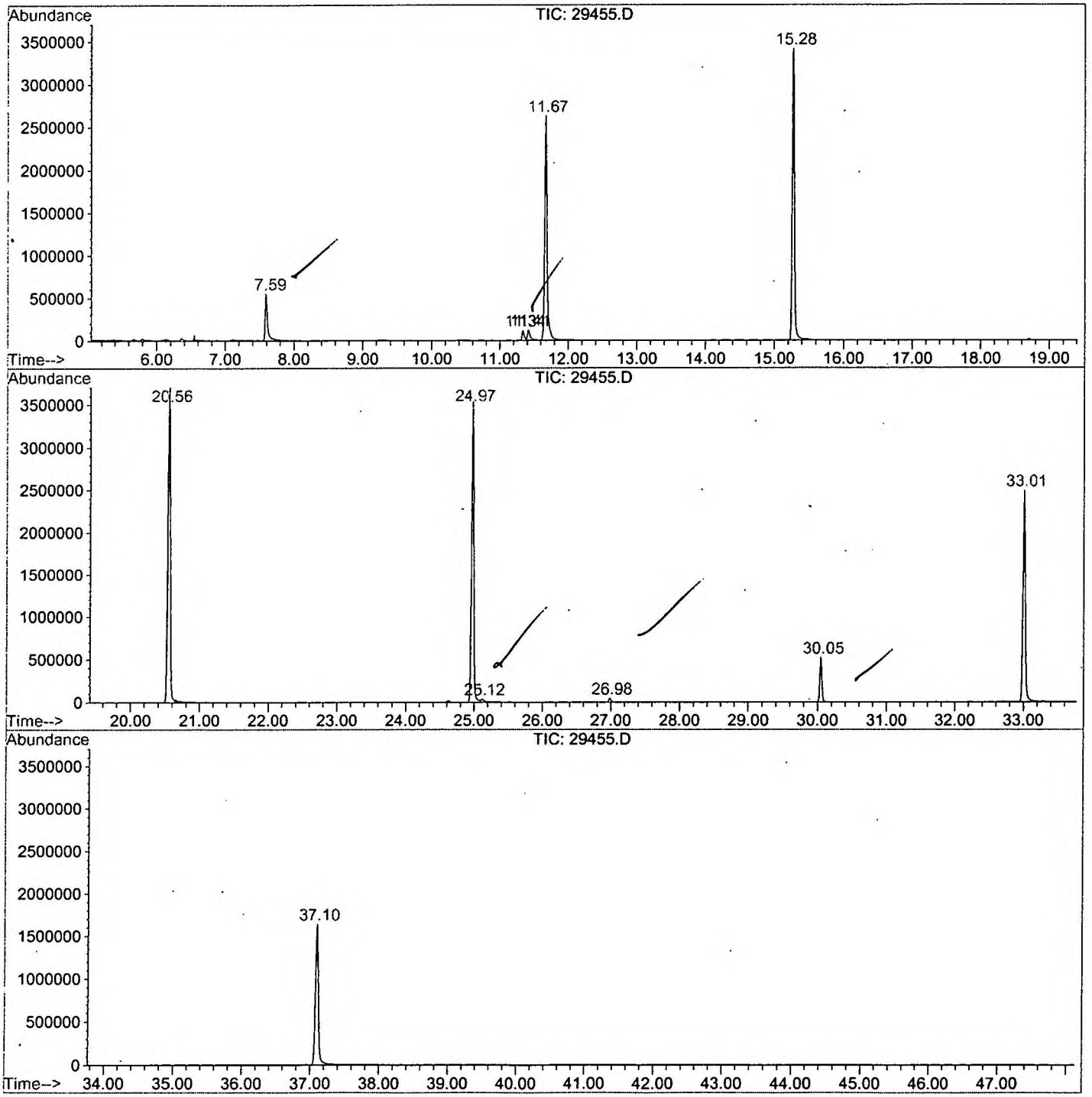
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	273	278	304	rBV	551254	1359240	16.37%	3.112%
2	11.340	682	686	691	rBV	116279	255704	3.08%	0.585%
3	11.413	691	694	715	rVB	117776	346224	4.17%	0.793%
4	11.670	715	722	746	rBV	2624026	6130474	73.85%	14.034%
5	15.278	1109	1115	1133	rBV	3410198	7673806	92.44%	17.567%
6	20.557	1682	1690	1700	rBV	3707135	8301767	100.00%	19.005%
7	24.972	2164	2171	2184	rBV2	3532279	7791622	93.85%	17.837%
8	25.119	2184	2187	2199	rVB	32839	102210	1.23%	0.234%
9	26.983	2385	2390	2398	rBV	46045	102098	1.23%	0.234%
10	30.049	2718	2724	2731	rBV	521389	1062375	12.80%	2.432%
11	33.005	3039	3046	3064	rBV2	2491864	5864944	70.65%	13.426%
12	37.100	3484	3492	3513	rBV2	1633097	4691517	56.51%	10.740%

Sum of corrected areas: 43681981

29455.D GCMS1126.M Wed Dec 19 12:59:11 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29455.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 4:37 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 6
Quant File :GCMS1126.RES (RTE Integrator)



29455.D GCMS1126.M Wed Dec 19 12:59:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29455.D
Acq On : 12 Dec 2001 4:37 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

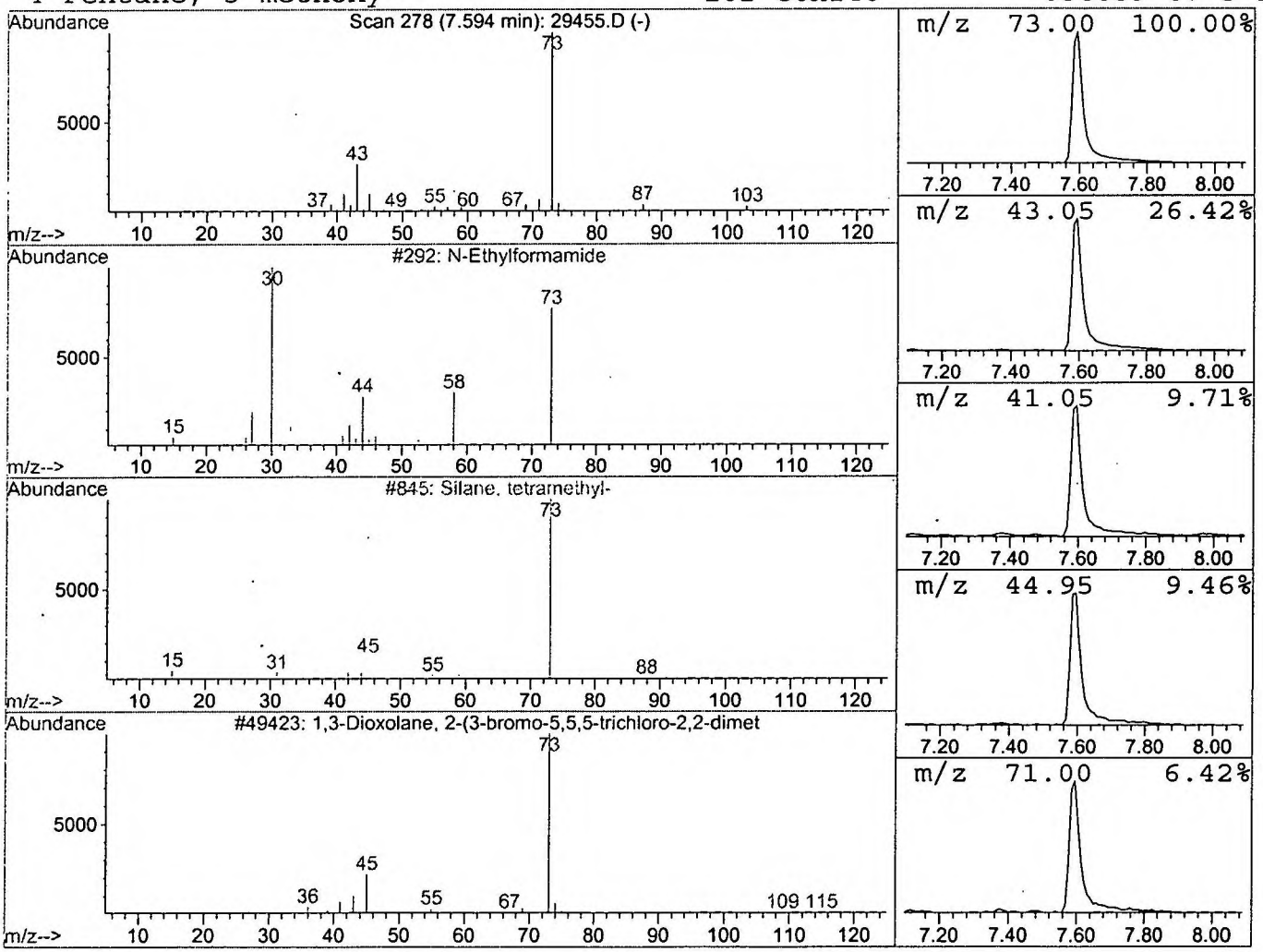
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.43 ug/l	1359240	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29455.D
Acq On : 12 Dec 2001 4:37 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

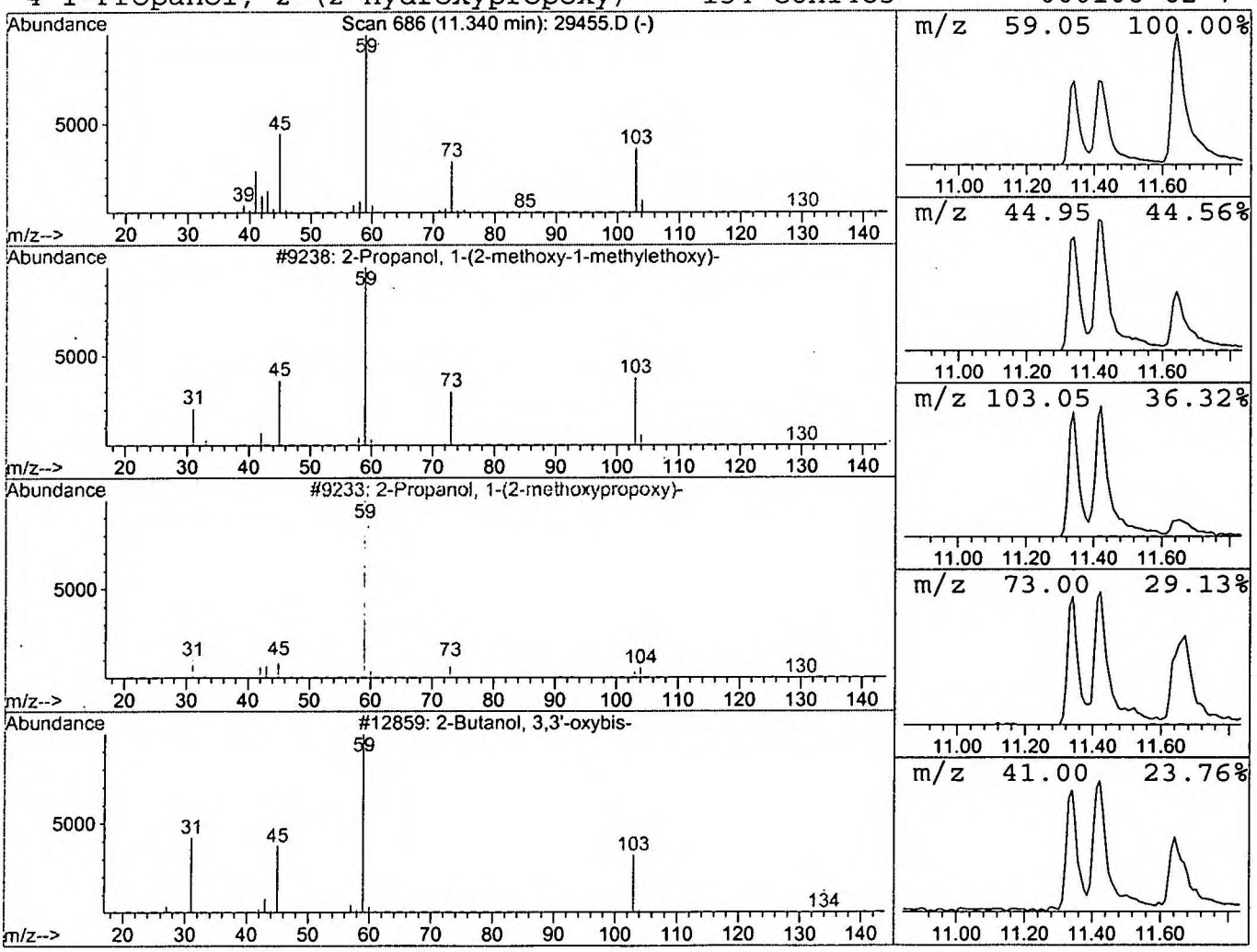
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.83 ug/l	255704	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	90
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
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\DEC1001\29455.D
Acq On : 12 Dec 2001 4:37 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

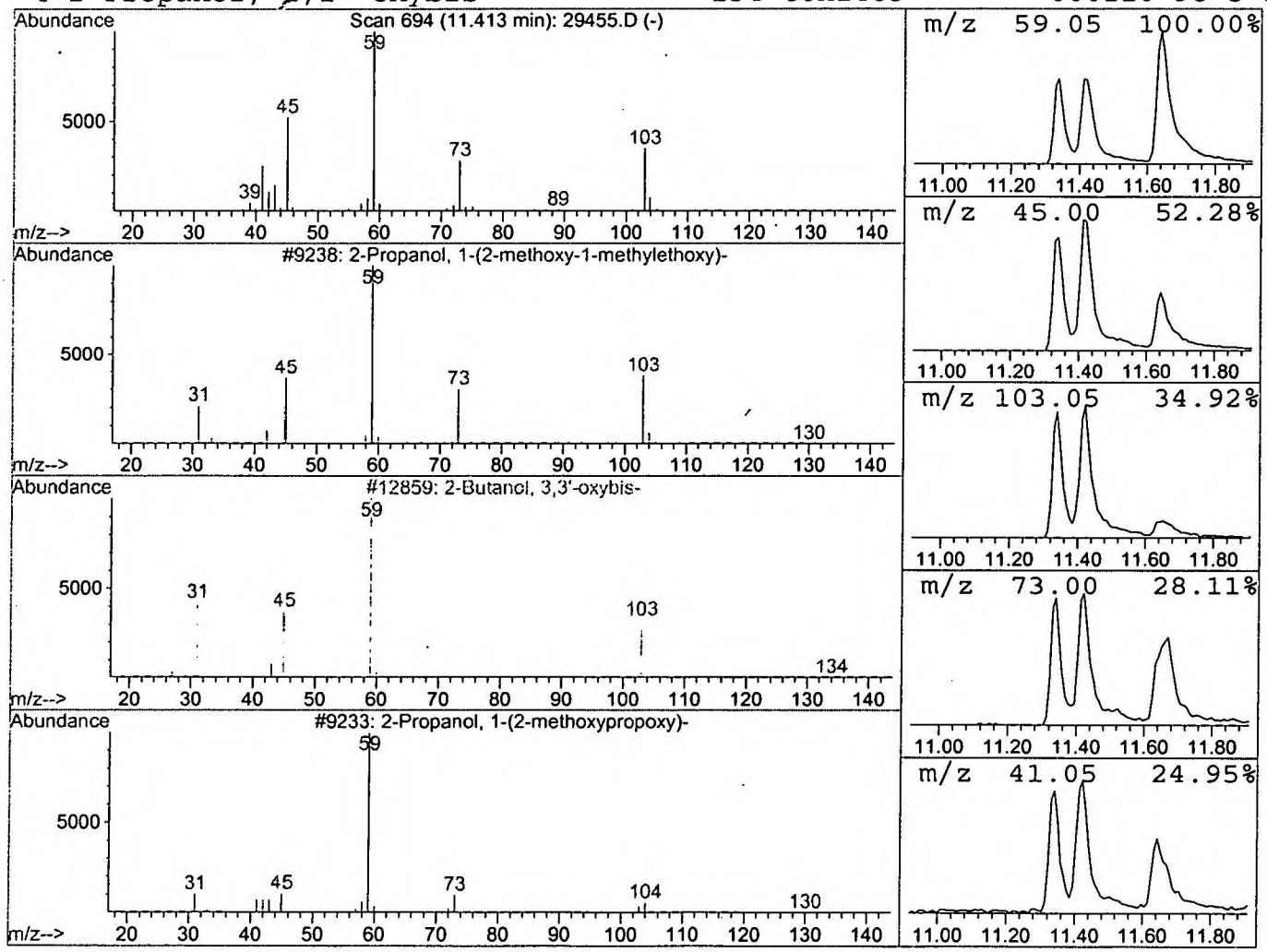
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.13 ug/l	346224	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	64
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 4:37 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29455.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	7.59	4.4	ug/l	1359240	ISTD01	11.67	6130470	20.0
2-Propanol, 1-(2-met	11.34	0.8	ug/l	255704	ISTD01	11.67	6130470	20.0
2-Propanol, 1-(2-met	11.41	1.1	ug/l	346224	ISTD01	11.67	6130470	20.0

29455.D GCMS1126.M Wed Dec 19 12:59:35 2001