User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:46:56

Sample: AD29929
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/31/02 11:46 Ended: 1/31/02 11:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		115		5.0

Comments for Sample AD29929 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:47:08

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D Vial: 43
Acq On : 16 Dec 2001 7:44 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:15 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	743315	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2850069	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1423722	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2013697	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1233238	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	770732	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	127710	5.77	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 115.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	2258	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	13.01	77	173	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	1119	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	20.10	152	214	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.97	165	315	N.D.		
25) Diethylphthalate	22.10	149	1314	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)

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Acq On : 16 Dec 2001 7:44 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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	1512	N.D.	
34)	Anthracene	25.17	178	263	N.D.	
35)	Di-n-butylphthalate	26.99	149	32217	N.D.	
36)	Fluoranthene	28.71	202	204	N.D.	
39)	Pyrene	29.37	202	131	N.D.	
40)	Butylbenzylphthalate	31.50	149	213	N.D.	
41)	Benzo(a)anthracene	33.01	228	4215	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	9145	N.D.	
43)	Chrysene	33.10	228	993	N.D.	
45)	Di-n-Octylphthalate	35.02	149	171	N.D.	
46)	Benzo(b)fluoranthene	36.07	252	252	N.D.	
47)	Benzo(k)fluoranthene	36.07	252	447	N.D.	
48)	Benzo(a)pyrene	37.10	252	3738	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.	

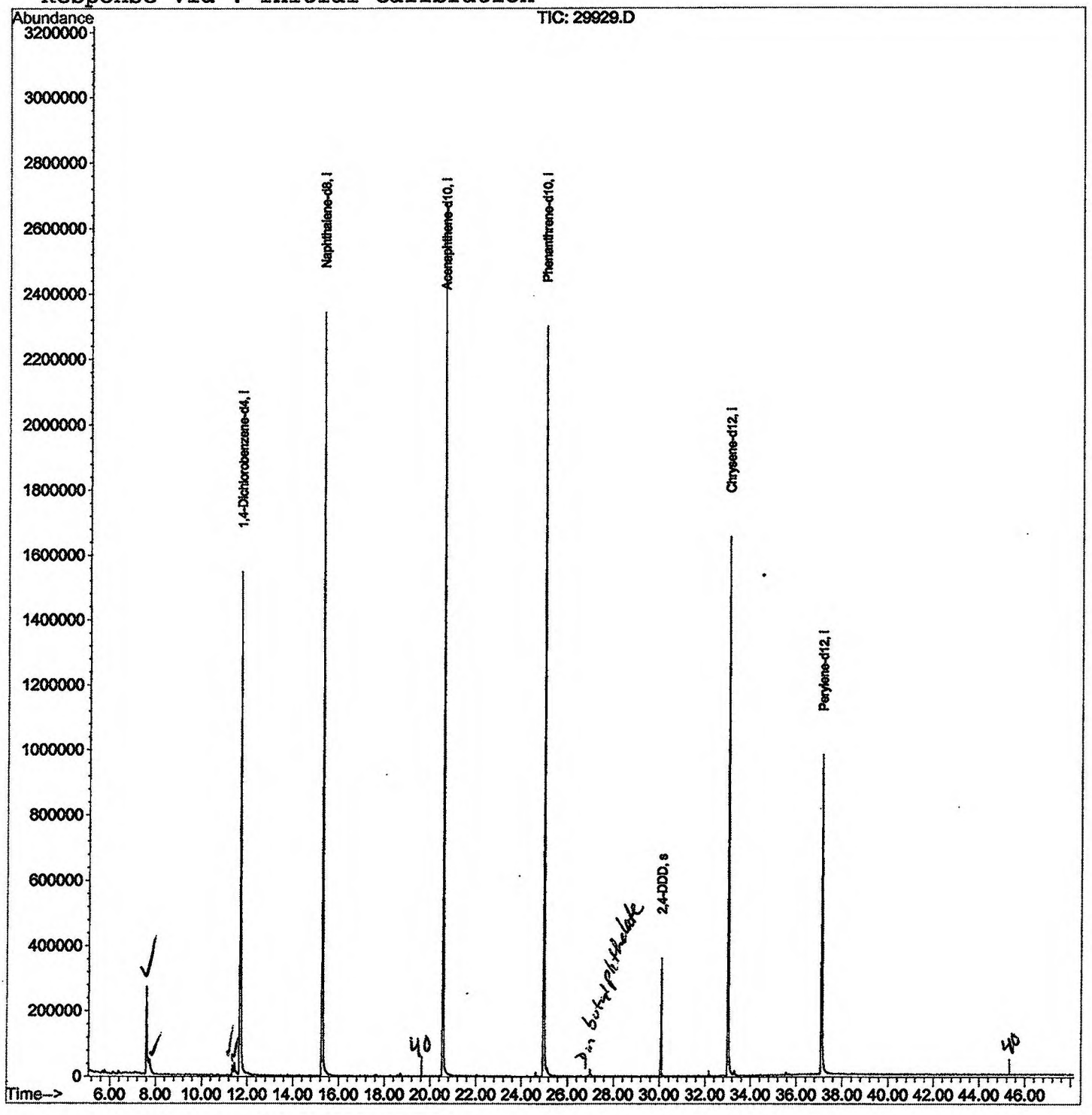
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Acq On : 16 Dec 2001 7:44 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:15 2002

Vial: 43
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 Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D Vial: 43
Acq On : 16 Dec 2001 7:44 am Operator: 209 GALOS
Sample : gcms scan 12/11 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

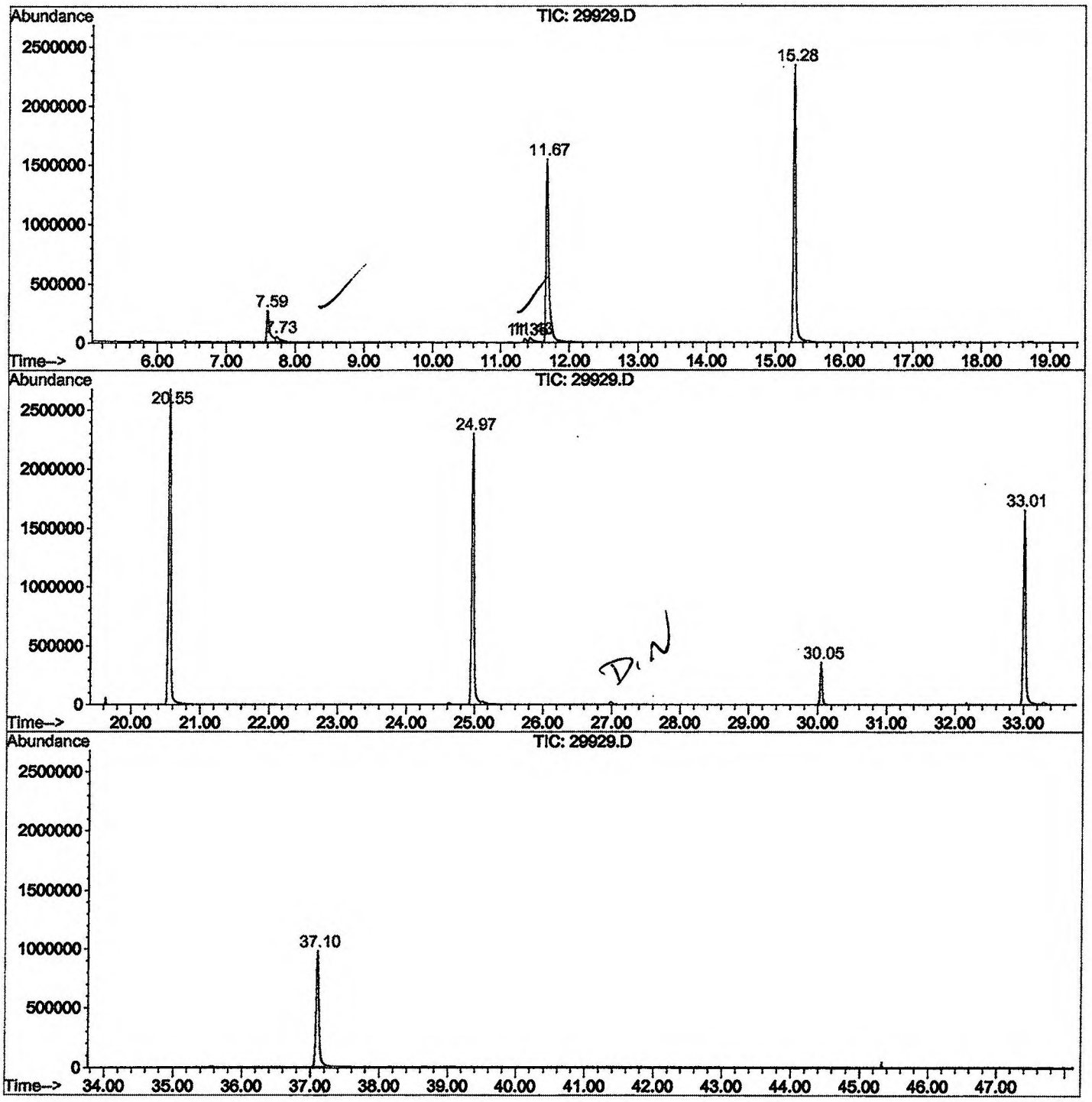
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.595	274	278	291	rBV	266670	813233	13.69%	2.722%
2	7.732	291	293	311	rVB	44025	181770	3.06%	0.608%
3	11.359	684	688	693	rBV	30248	80902	1.36%	0.271%
4	11.432	693	696	710	rVB	34853	125928	2.12%	0.422%
5	11.671	717	722	745	rBV	1542056	4438772	74.71%	14.858%
6	15.279	1109	1115	1133	rBV	2342086	5496795	92.51%	18.400%
7	20.548	1683	1689	1709	rBV	2679127	5941688	100.00%	19.889%
8	24.973	2165	2171	2184	rBV2	2299191	5311563	89.39%	17.780%
9	30.050	2718	2724	2731	rBV	360240	738338	12.43%	2.472%
10	33.006	3039	3046	3067	rBV2	1653504	3901836	65.67%	13.061%
11	37.100	3485	3492	3516	rBV	975606	2842887	47.85%	9.516%

Sum of corrected areas: 29873712

29929.D GCMS1126.M Wed Jan 30 12:45:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 7:44 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 43
Quant File :GCMS1126.RES (RTE Integrator)



29929.D GCMS1126.M Wed Jan 30 12:45:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Acq On : 16 Dec 2001 7:44 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

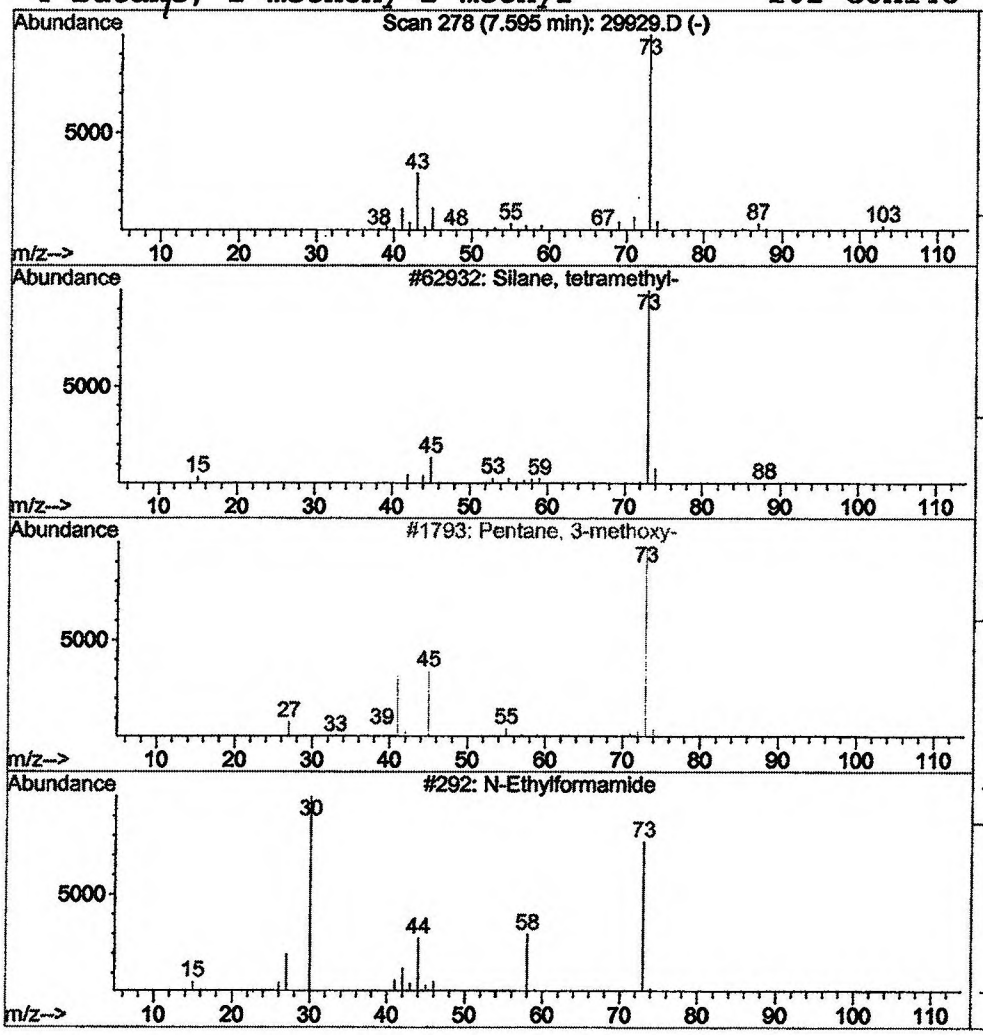
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

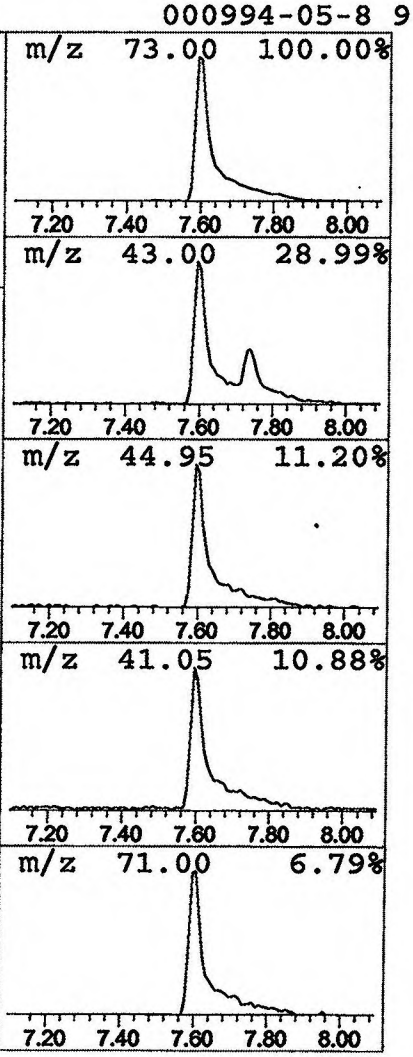
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.66 ug/l	813233	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Acq On : 16 Dec 2001 7:44 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

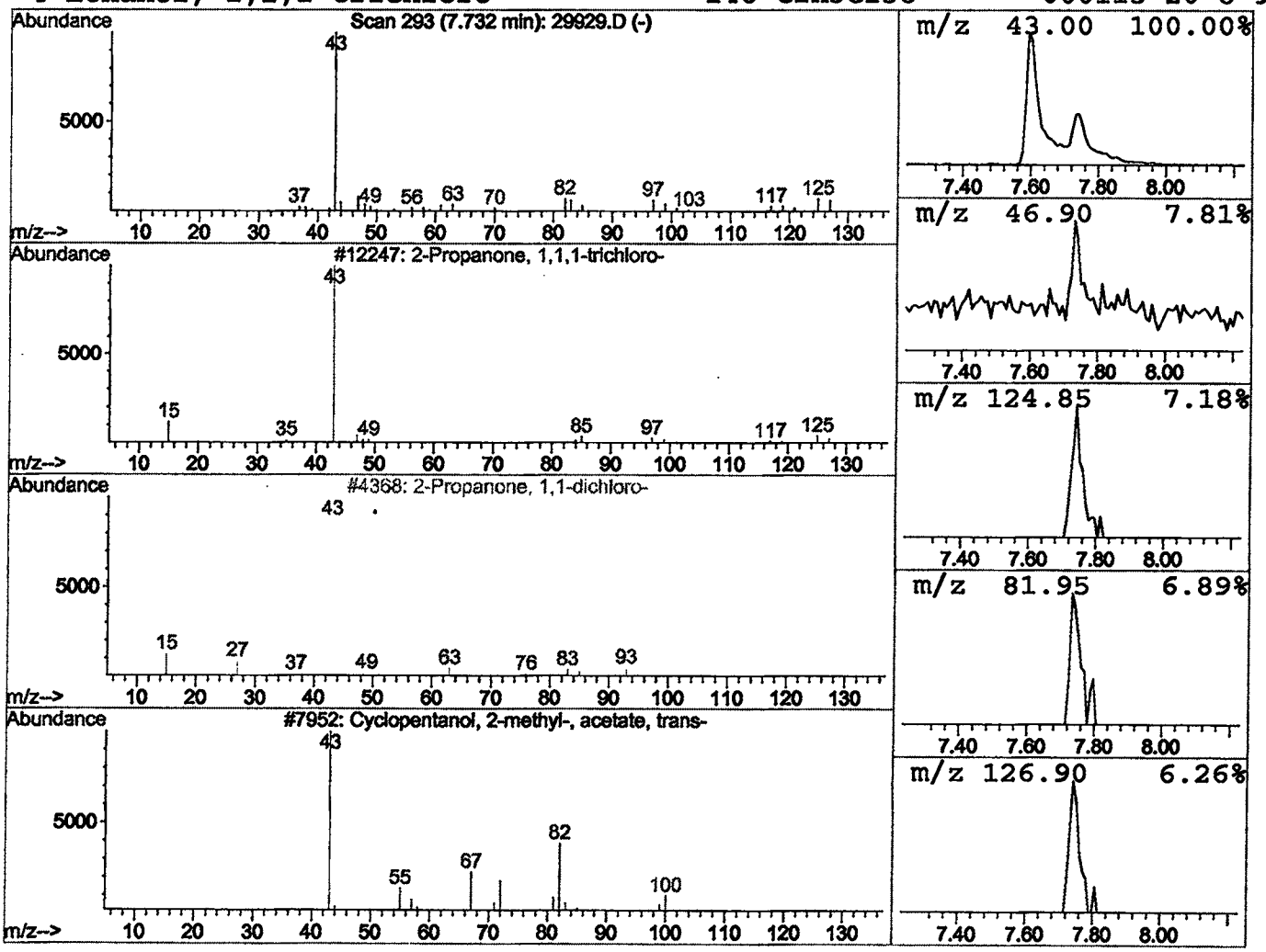
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.82 ug/l	181770	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	38
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	23
3	Cyclopentanol, 2-methyl-, acetate,	142	C8H14O2	040991-94-4	9
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Acq On : 16 Dec 2001 7:44 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

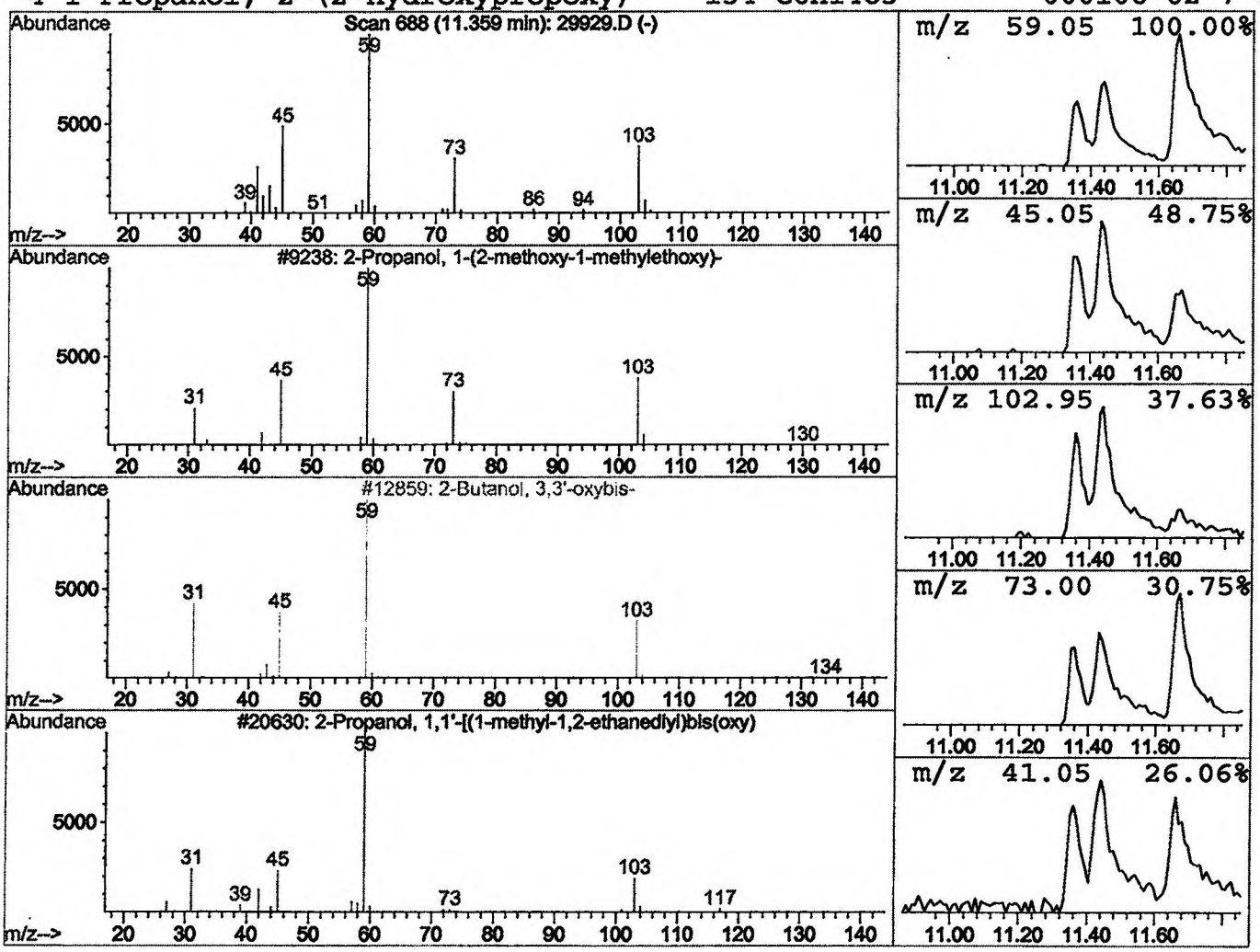
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.36 ug/l	80902	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	83
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	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29929.D
Acq On : 16 Dec 2001 7:44 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

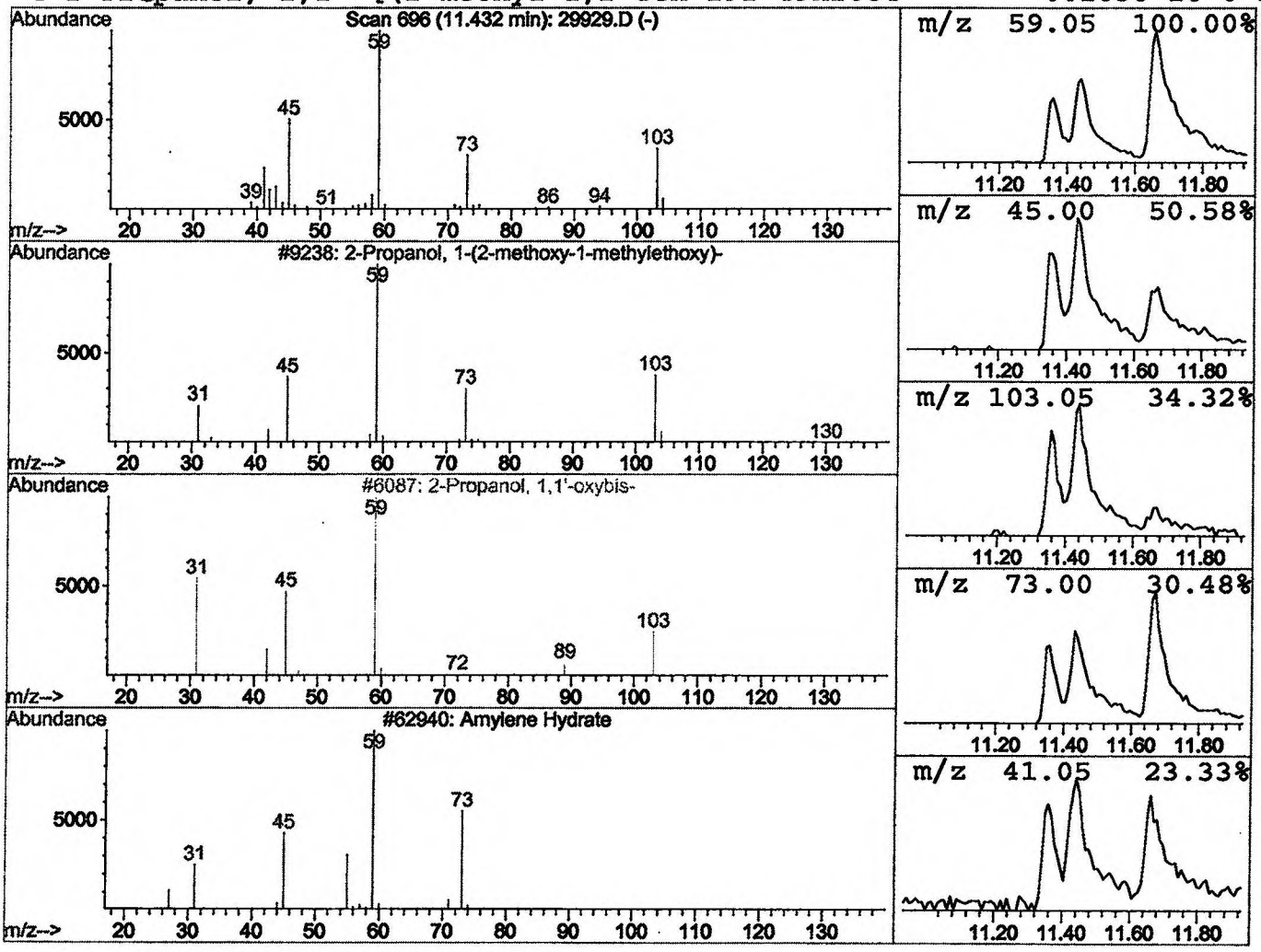
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.57 ug/l	125928	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	50
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	Amylene Hydrate	88	C5H12O	000075-85-4	33
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	33



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 7:44 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29929.D
Name: gcms scan 12/11
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	3.7	ug/l	813233	ISTD01	11.67	4438770	20.0
2-Propanone, 1,1,1-t	7.73	0.8	ug/l	181770	ISTD01	11.67	4438770	20.0
2-Propanol, 1-(2-met	11.36	0.4	ug/l	80902	ISTD01	11.67	4438770	20.0
2-Propanol, 1-(2-met	11.43	0.6	ug/l	125928	ISTD01	11.67	4438770	20.0

29929.D GCMS1126.M Wed Jan 30 12:46:07 2002

column leak
bleed