User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:29:38

Sample: AD29784
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 14:29 Ended: 1/7/02 14:29 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AD29784 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-07-2002 Time: 14:30:55

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\DEC1401\29784.D Vial: 7
Acq On : 15 Dec 2001 8:23 am Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 9:12 2001 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 14 12:19:30 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	852114	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3244687	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1607667	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2347919	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1476959	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	966140	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	158521	4.66	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.27	74	300	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	13.04	77	174	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	2057	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	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.94	165	400	N.D.		
25) Diethylphthalate	22.08	149	1323	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\DEC1401\29784.D Vial: 7
Acq On : 15 Dec 2001 8:23 am Operator: 209 GALOS
Sample : gcms scan 12/10 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 Dec 14 12:19:30 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	1090	N.D.	
34)	Anthracene	25.04	178	1090	N.D.	
35)	Di-n-butylphthalate	26.99	149	48484	0.29 ug/l #	97
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.49	149	252	N.D.	
41)	Benzo(a)anthracene	33.01	228	3912	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	11879	N.D.	
43)	Chrysene	33.08	228	477	N.D.	
45)	Di-n-Octylphthalate	35.03	149	223	N.D.	
46)	Benzo(b)fluoranthene	36.12	252	1276	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	1276	N.D.	
48)	Benzo(a)pyrene	36.94	252	185	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.	

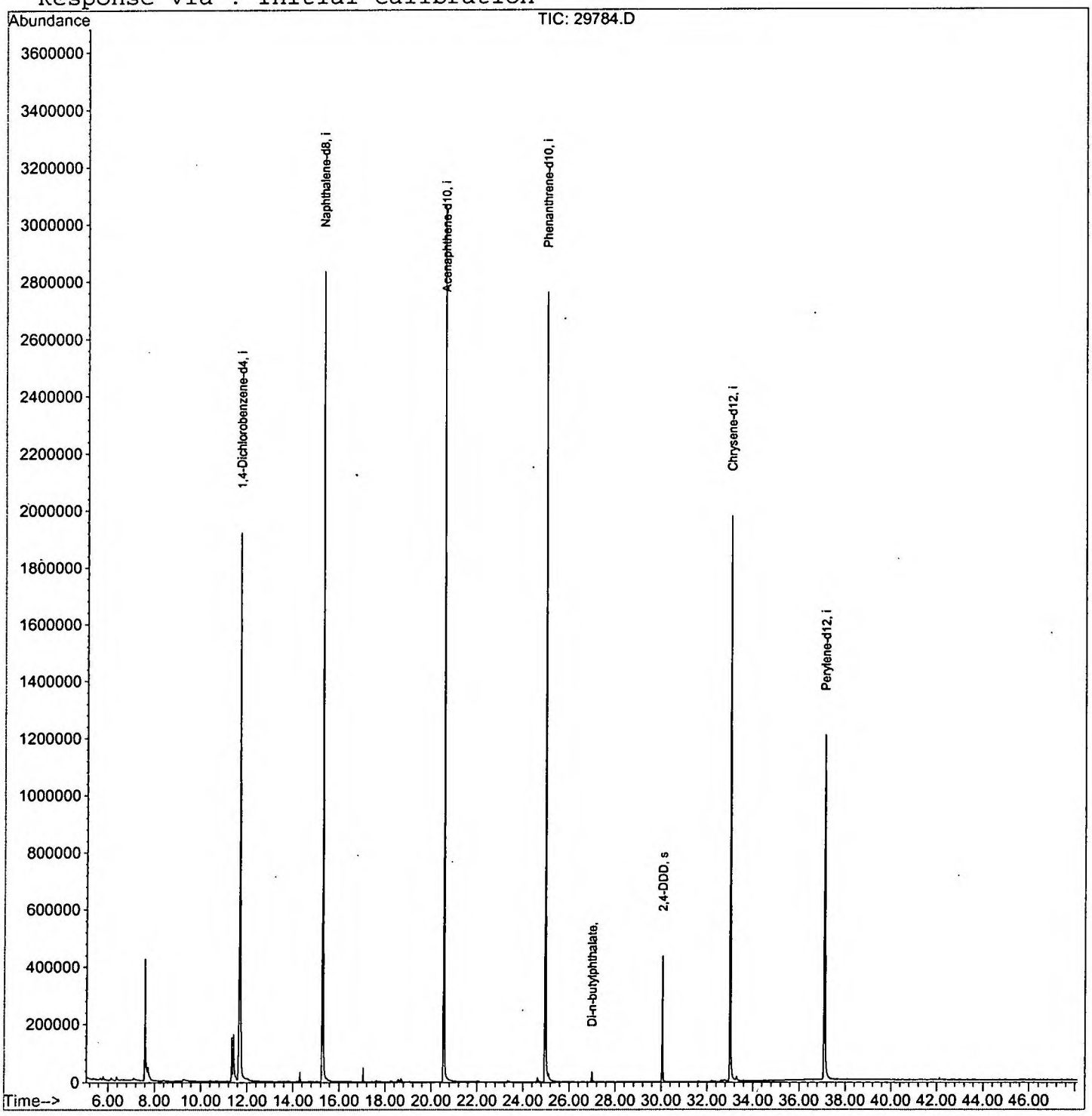
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Acq On : 15 Dec 2001 8:23 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 9:12 2001

Vial: 7
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\DEC1401\29784.D Vial: 7
Acq On : 15 Dec 2001 8:23 am Operator: 209 GALOS
Sample : gcms scan 12/10 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

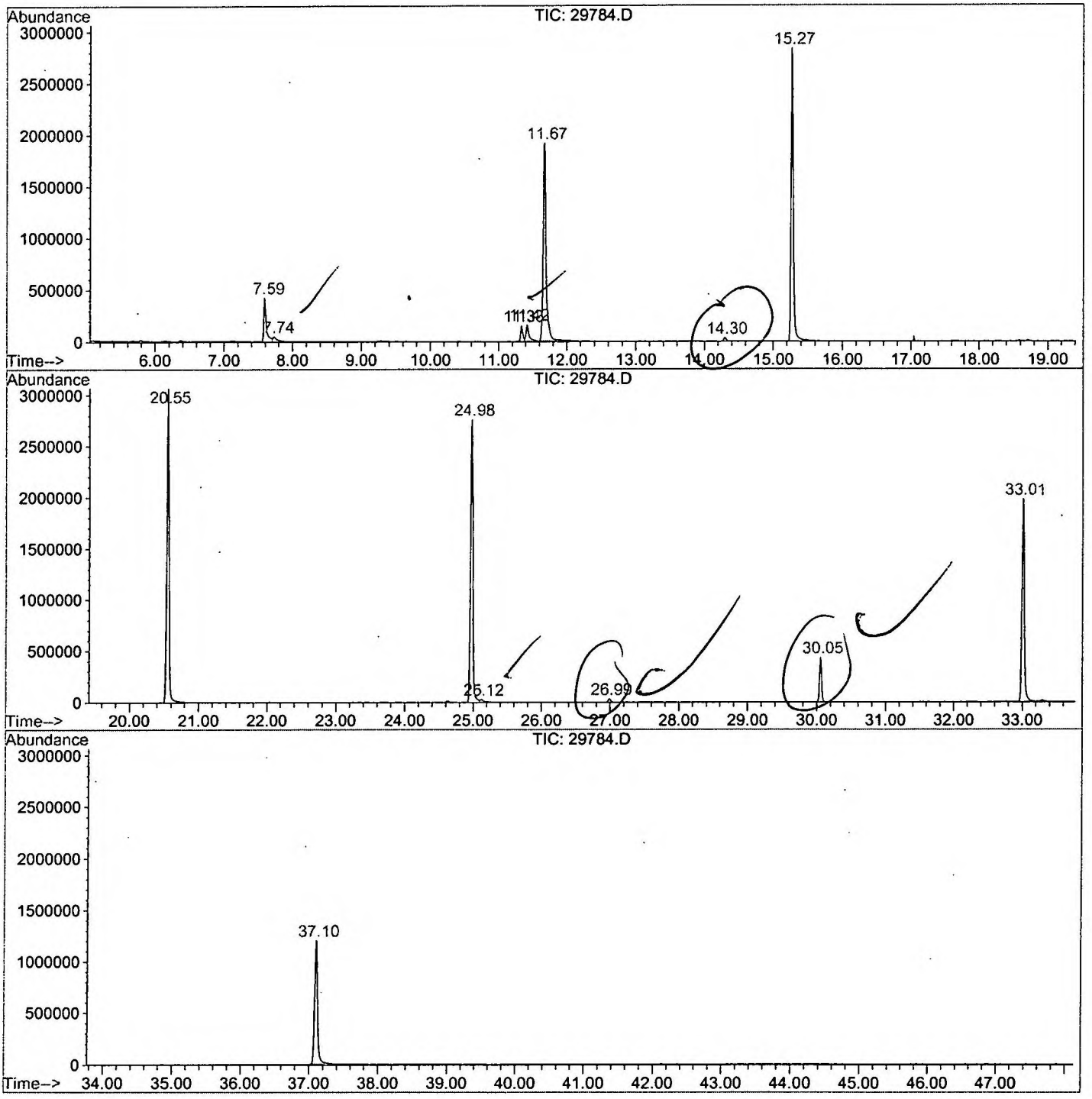
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.589	273	277	290	rBV	421521	1058877	15.82%	2.951%
2	7.736	290	293	313	rVB	47222	184468	2.76%	0.514%
3	11.335	681	685	690	rBV	150145	323950	4.84%	0.903%
4	11.417	690	694	713	rVB	158749	461352	6.89%	1.286%
5	11.674	714	722	740	rBV2	1913422	5326863	79.56%	14.844%
6	14.300	1002	1008	1013	rVB	34443	70133	1.05%	0.195%
7	15.273	1108	1114	1132	rBV	2833464	6237684	93.17%	17.382%
8	20.552	1683	1689	1714	rBV	3066254	6695030	100.00%	18.656%
9	24.976	2164	2171	2184	rBV2	2760702	6369599	95.14%	17.749%
10	25.123	2184	2187	2198	rVB	24932	84573	1.26%	0.236%
11	26.987	2385	2390	2399	rBV	34158	83991	1.25%	0.234%
12	30.053	2718	2724	2733	rBV	434351	883491	13.20%	2.462%
13	33.009	3039	3046	3067	rBV2	1975212	4654731	69.53%	12.971%
14	37.104	3484	3492	3505	rBV2	1198031	3451477	51.55%	9.618%

Sum of corrected areas: 35886219

29784.D GCMS1126.M Fri Dec 28 13:17:56 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 8:23 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



29784.D GCMS1126.M Fri Dec 28 13:18:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Acq On : 15 Dec 2001 8:23 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

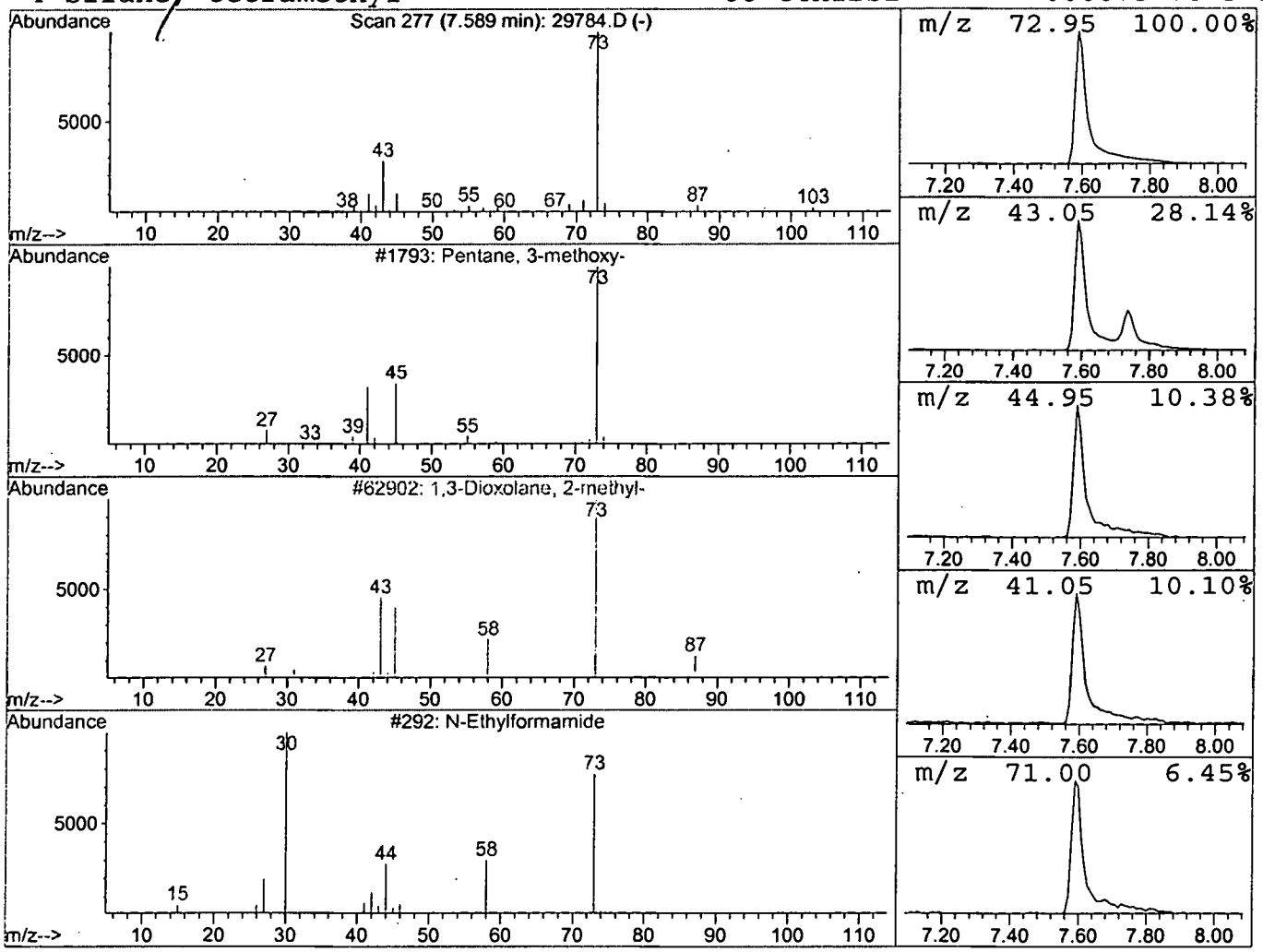
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.98 ug/l	1058880	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Acq On : 15 Dec 2001 8:23 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

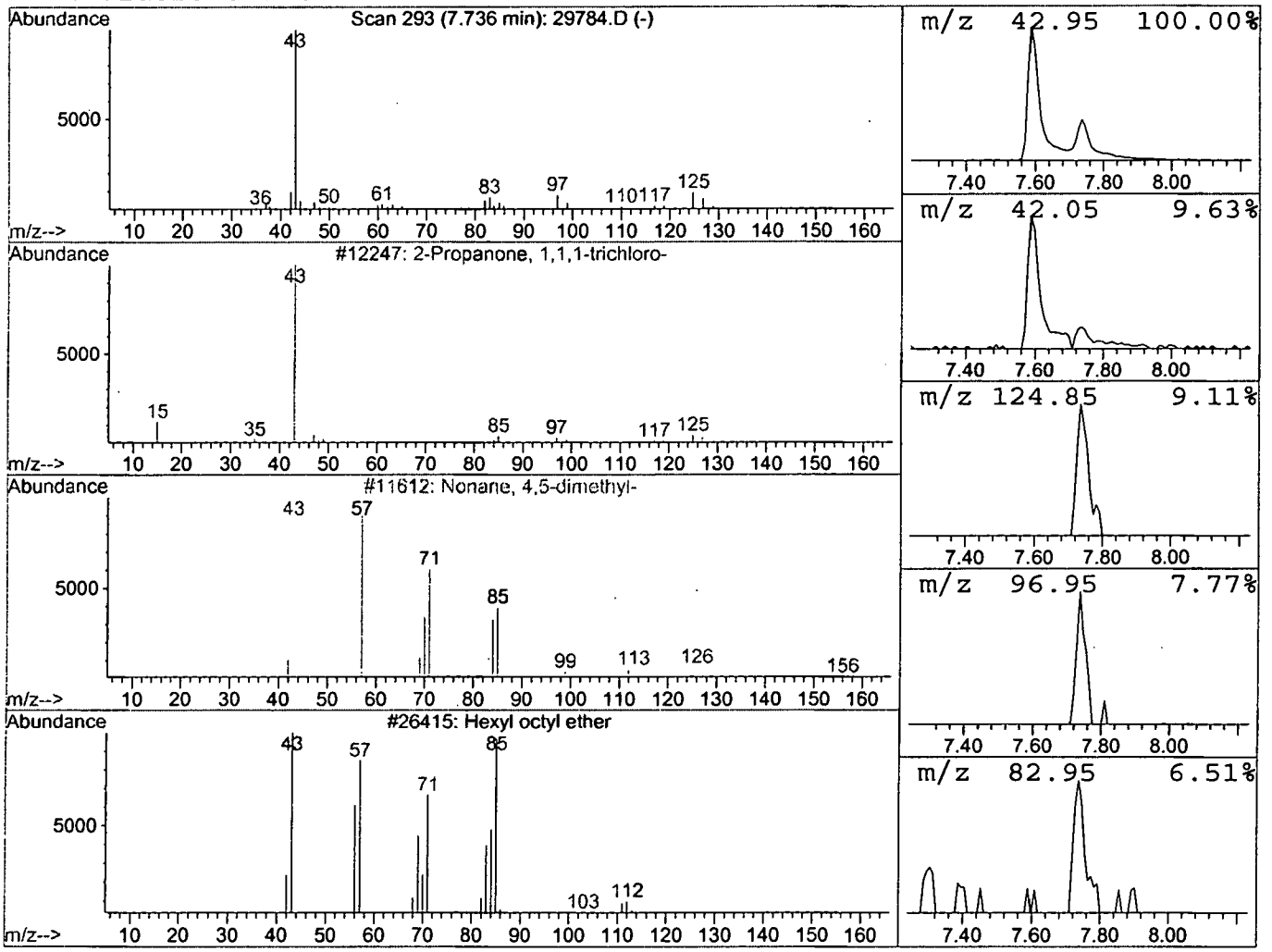
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.69 ug/l	184468	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	33
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	32
3	Hexyl octyl ether	214	C14H30O	000000-00-0	9
4	1-Fluorononane	146	C9H19F	000463-18-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Acq On : 15 Dec 2001 8:23 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

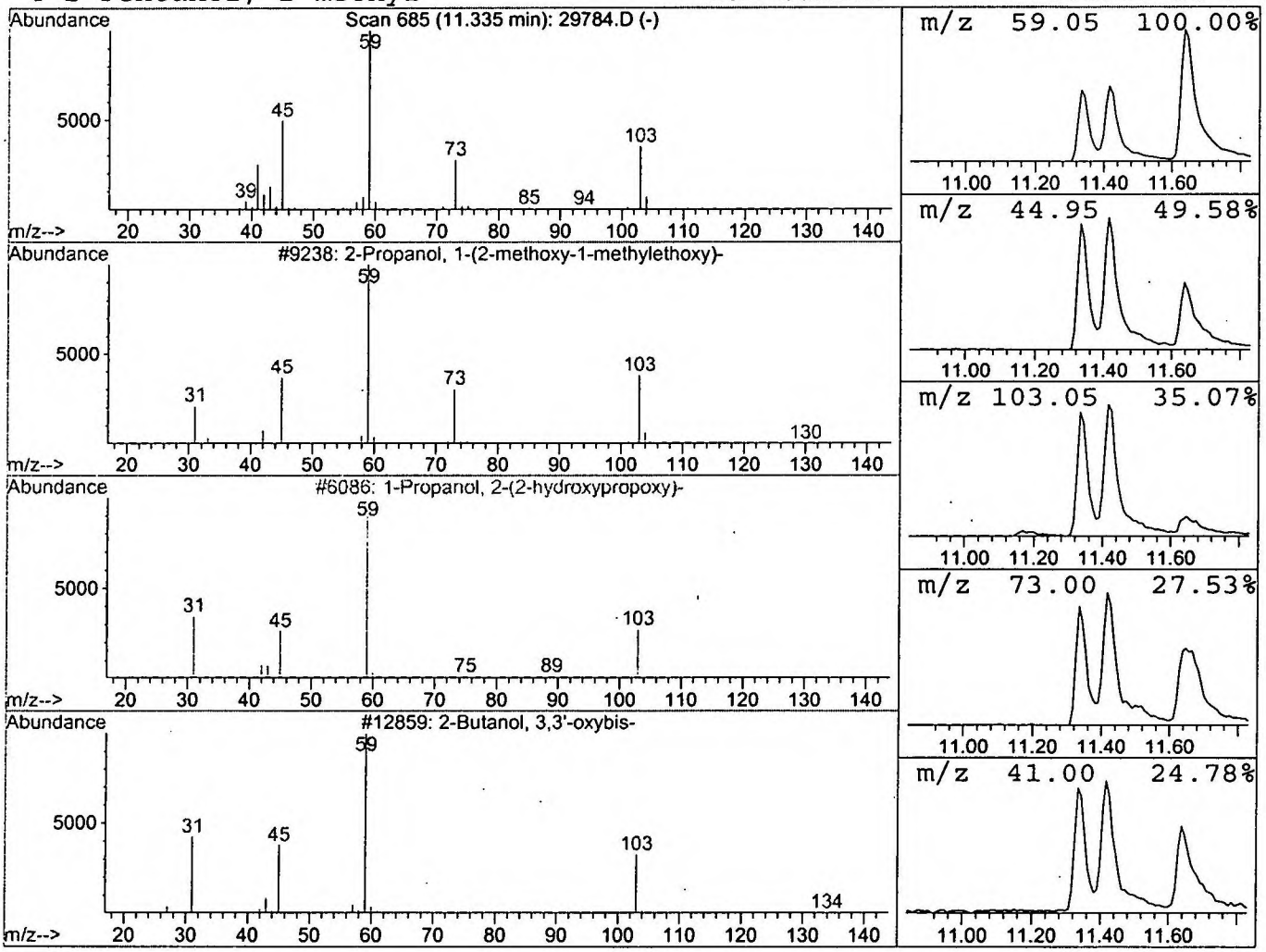
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	1.22 ug/l	323950	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	45
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29784.D
Acq On : 15 Dec 2001 8:23 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

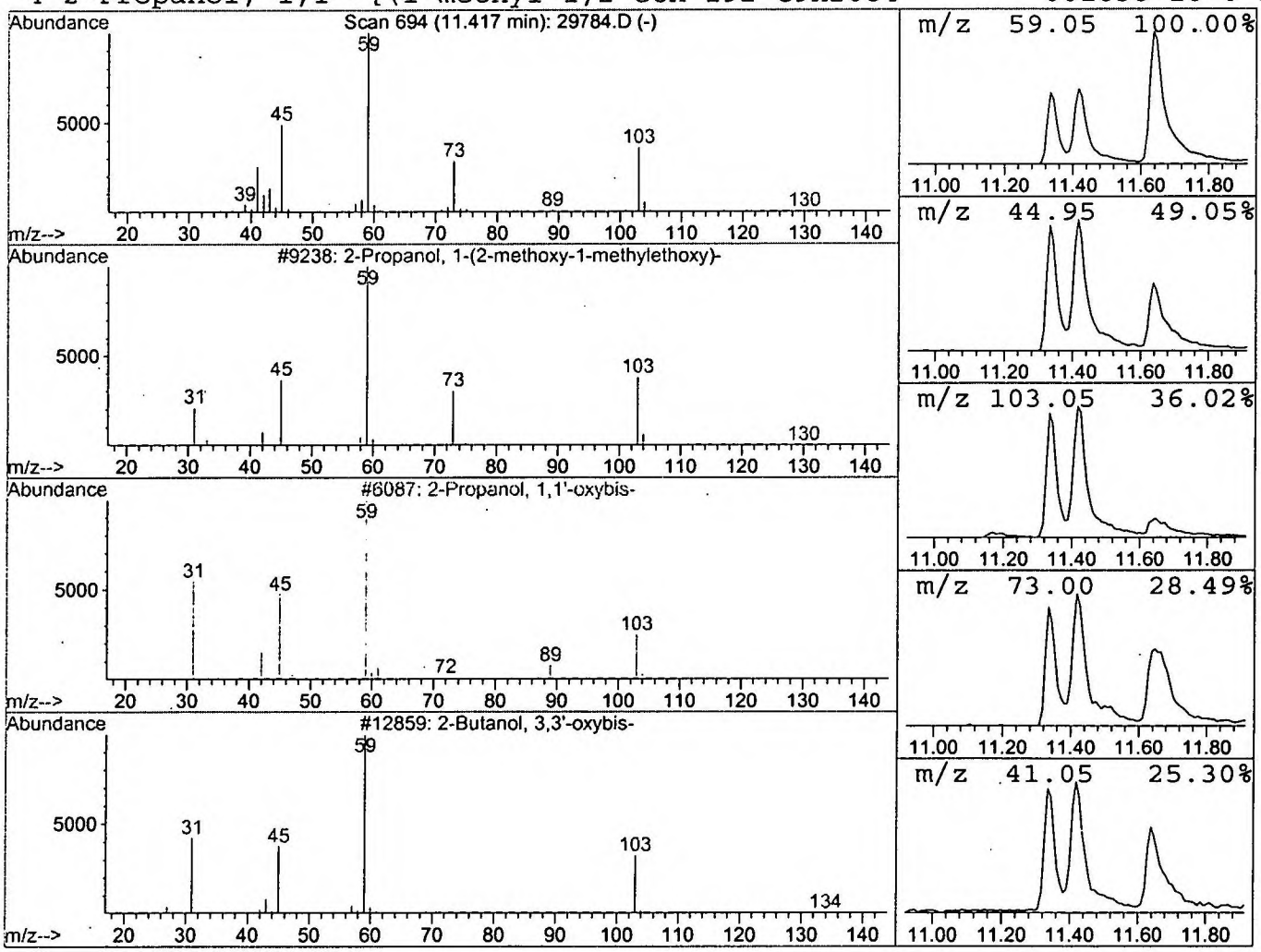
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.73 ug/l	461352	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-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 8:23 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29784.D
Name: gcms scan 12/10
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
Pentane, 3-methoxy-	7.59	4.0	ug/l	1058880	ISTD01	11.67	5326860	20.0
2-Propanone, 1,1,1-t	7.74	0.7	ug/l	184468	ISTD01	11.67	5326860	20.0
2-Propanol, 1-(2-met	11.33	1.2	ug/l	323950	ISTD01	11.67	5326860	20.0
2-Propanol, 1-(2-met	11.42	1.7	ug/l	461352	ISTD01	11.67	5326860	20.0

29784.D GCMS1126.M Fri Dec 28 13:18:43 2001