Comments for Sample AD29781 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:35:16

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

Reanalyzed clear

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:35:22

Sample: AD29781
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:31 Ended: 1/9/02 12:31 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D Vial: 48
Acq On : 16 Dec 2001 12:35 pm 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 11:27 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	860066	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3290710	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1644834	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2371141m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1474807	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	928955	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	132293	5.07	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	818	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	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	15.33	128	1598	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	21.09	165	316	N.D.		
25) Diethylphthalate	22.10	149	798	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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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 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	232	N.D.	
34)	Anthracene	25.04	178	232	N.D.	
35)	Di-n-butylphthalate	27.00	149	4177	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	3926	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	6897	N.D.	
43)	Chrysene	33.01	228	3926	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	37.11	252	3149	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

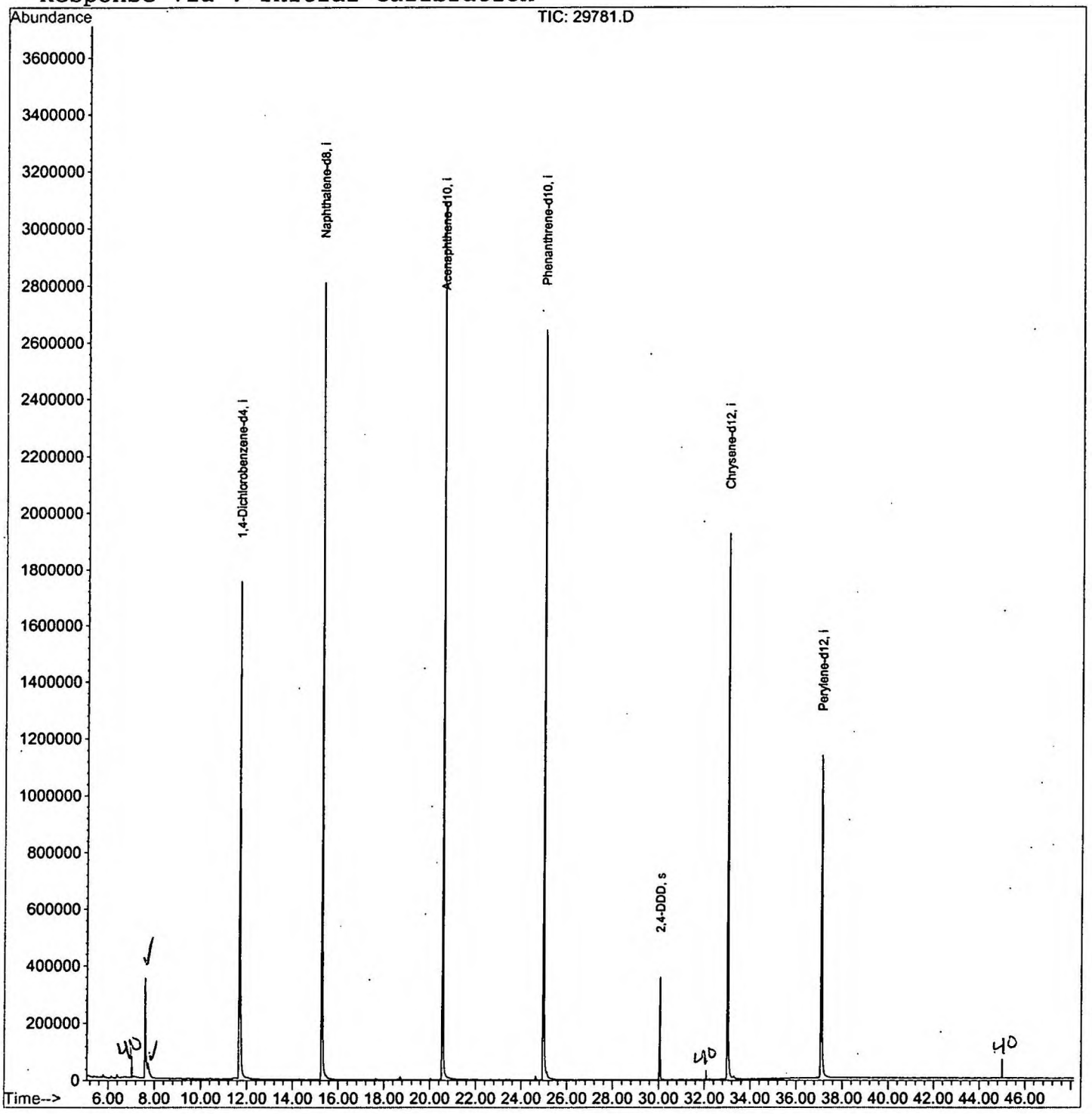
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 11:27 2002

Vial: 48
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 : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

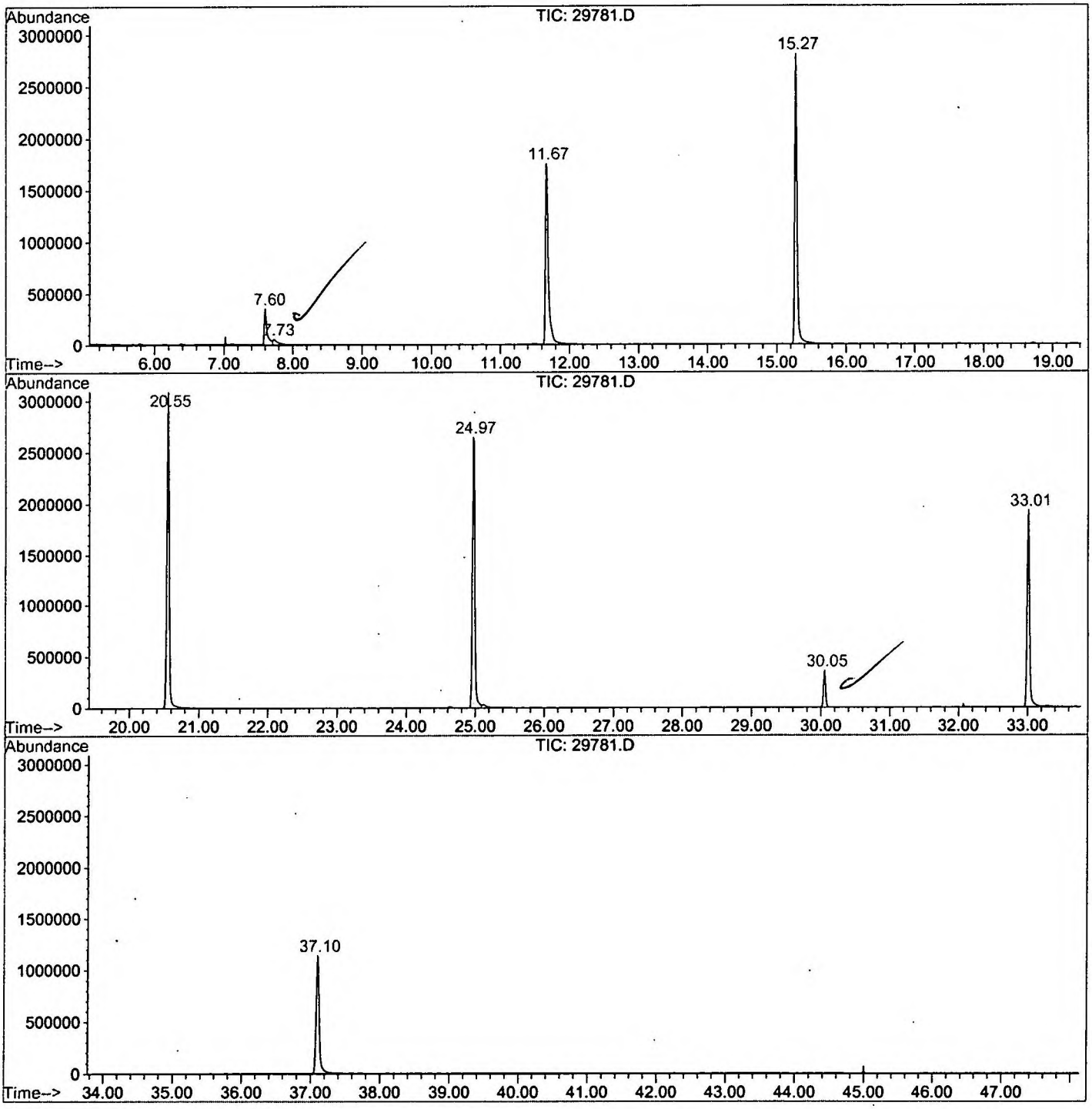
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	290	rBV	349992	974457	14.09%	2.832%
2	7.728	290	292	309	rVB	51165	211281	3.05%	0.614%
3	11.667	716	721	745	rBV	1750700	4874688	70.48%	14.168%
4	15.274	1109	1114	1133	rBV	2807968	6313331	91.28%	18.349%
5	20.553	1683	1689	1713	rBV	3091259	6916405	100.00%	20.102%
6	24.969	2164	2170	2183	rBV2	2645595	6303645	91.14%	18.321%
7	30.055	2718	2724	2732	rBV	358679	754244	10.91%	2.192%
8	33.011	3039	3046	3064	rBV	1925576	4656767	67.33%	13.534%
9	37.096	3484	3491	3514	rBV2	1135090	3402218	49.19%	9.888%

Sum of corrected areas: 34407036

29781.D GCMS1126.M Wed Jan 30 11:46:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 12:35 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 48
Quant File :GCMS1126.RES (RTE Integrator)



29781.D GCMS1126.M Wed Jan 30 11:46:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

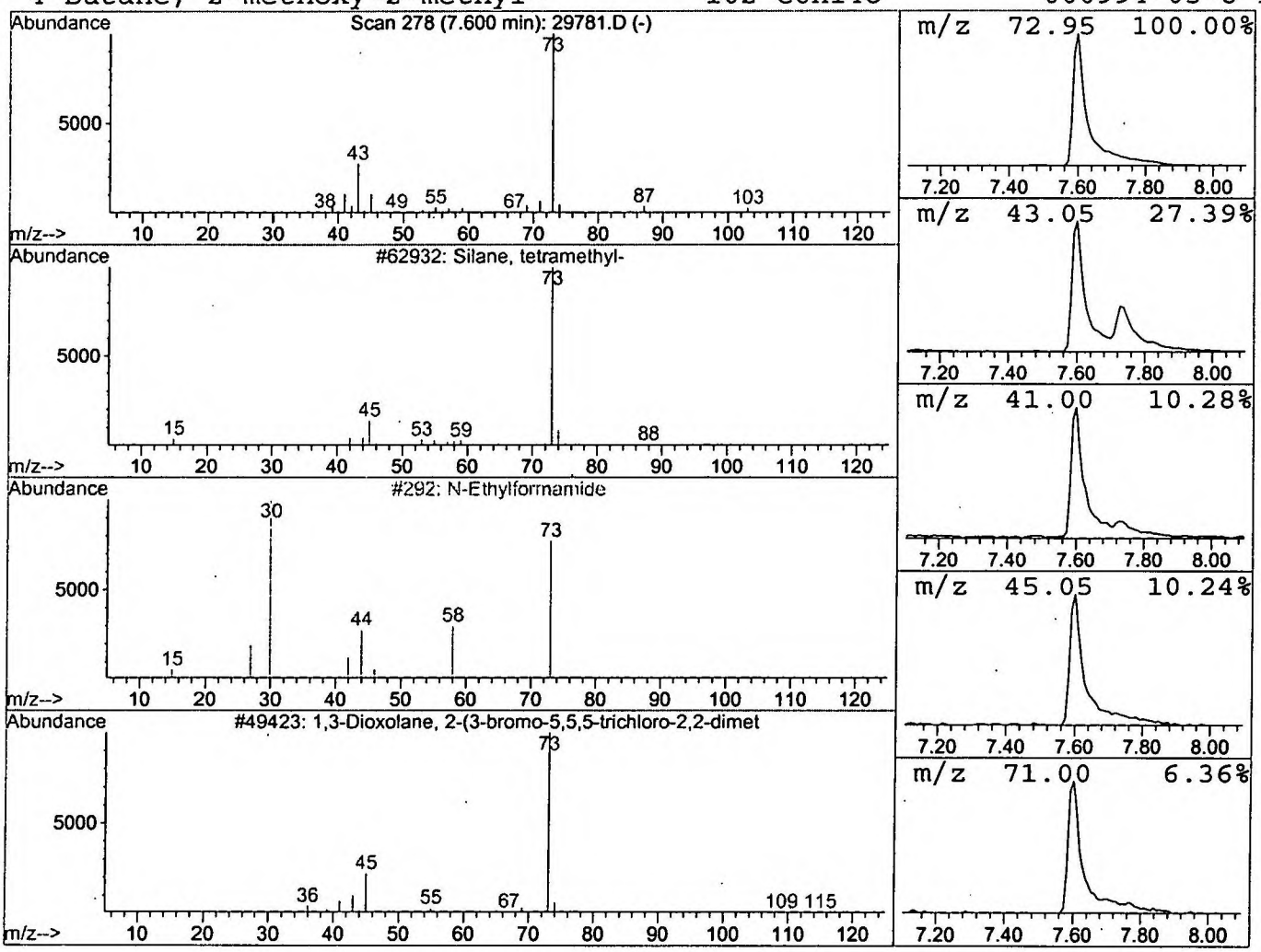
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.00 ug/l	974457	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

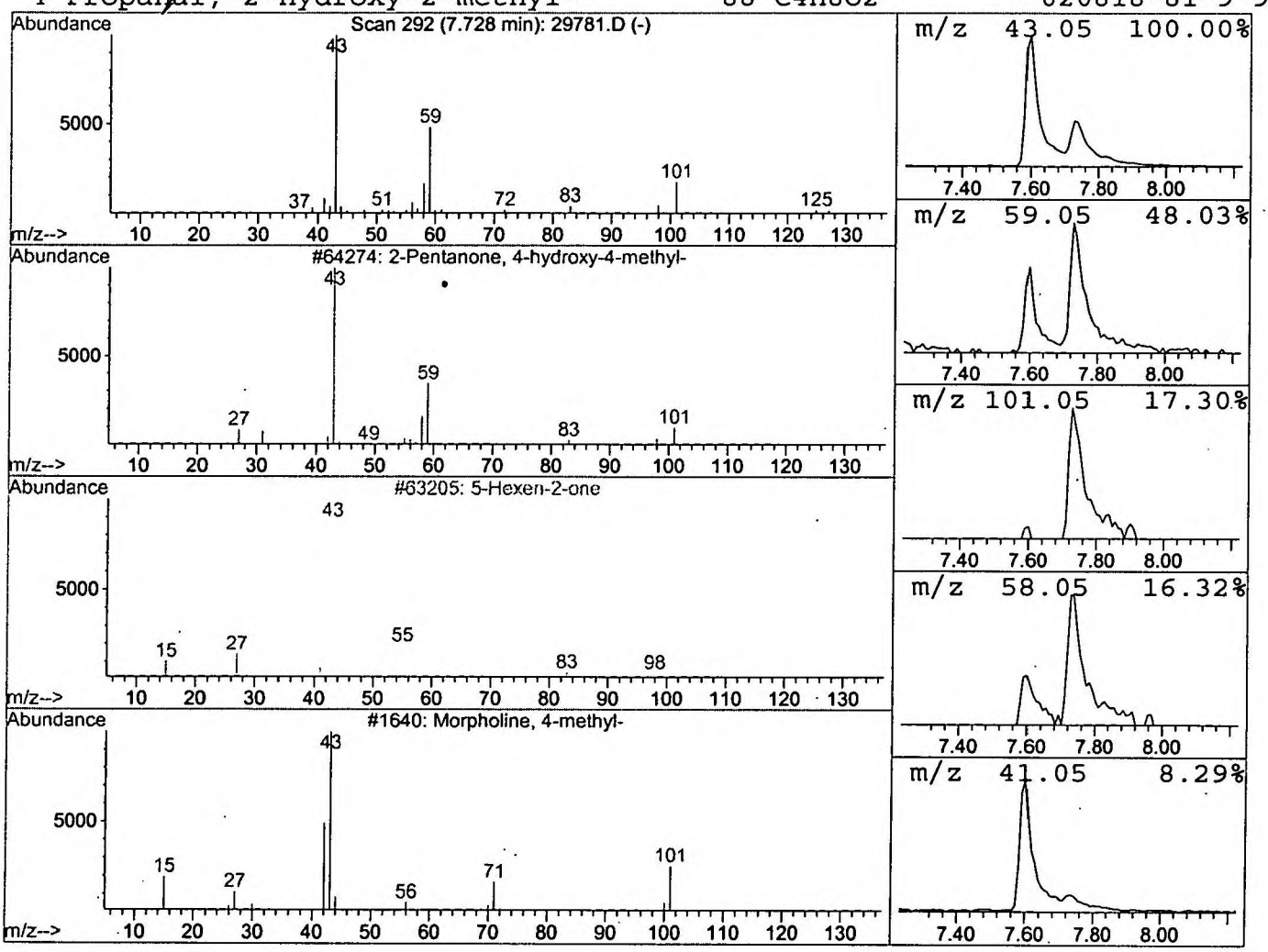
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.87 ug/l	211281	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 12:35 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29781.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-~~	7.60	4.0	ug/l	974457	ISTD01	11.68	4874690	20.0
2-~~Pentanone, 4-hydro~~	7.73	0.9	ug/l	211281	ISTD01	11.68	4874690	20.0

29781.D GCMS1126.M Wed Jan 30 11:46:59 2002

- column
- hexane