User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:21:10

Sample: AD29666
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:20 Ended: 1/28/02 11:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		5.0

Comments for Sample AD29666 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:18:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29666.D Vial: 64
Acq On : 3 Jan 2002 3:59 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 16 9:06 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 Dec 28 15:11:00 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	1088063	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4185801	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2024455	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2934081m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1858490	20.00	ug/l	-0.01
44) Perylene-d12	37.11	264	1137169	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	115828	3.59	ug/mL	0.00
Spiked Amount 5.000			Recovery = 71.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	2786	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	13.19	77	543	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	1342	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	21.21	165	420	N.D.		
25) Diethylphthalate	22.17	149	655	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\DEC3101\29666.D Vial: 64
Acq On : 3 Jan 2002 3:59 am Operator: 209 GALOS
Sample : gcms scan 12/7 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 28 15:11:00 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	25.00	178	1137	N.D.	
34) Anthracene	25.00	178	1137	N.D.	
35) Di-n-butylphthalate	27.03	149	15248	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.52	149	175	N.D.	
41) Benzo(a)anthracene	33.02	228	5122	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	4928	N.D.	
43) Chrysene	33.02	228	5122	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	37.12	252	4012	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.	

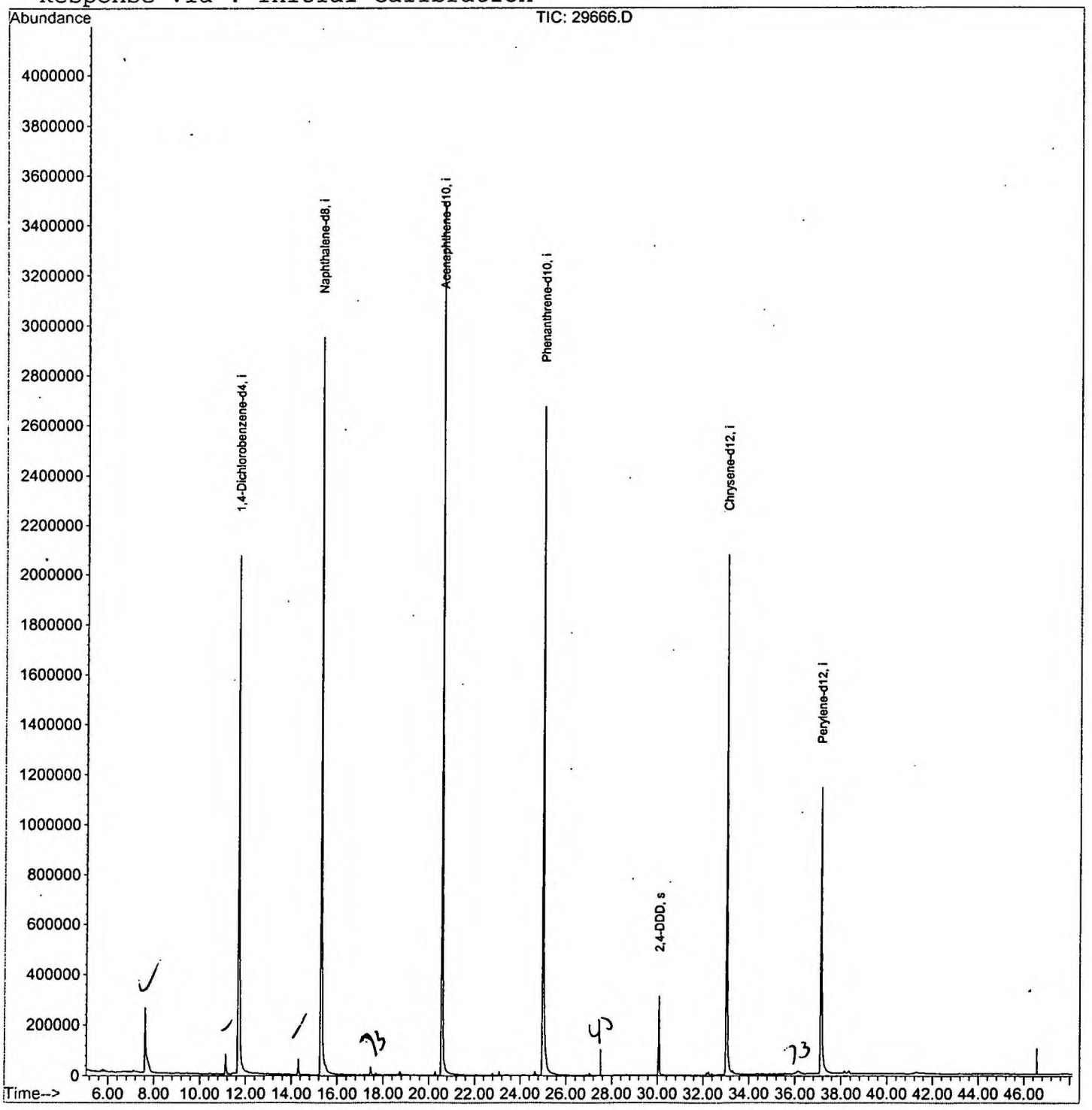
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29666.D
Acq On : 3 Jan 2002 3:59 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 16 9:06 2002

Vial: 64
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\DEC3101\29666.D Vial: 64
Acq On : 3 Jan 2002 3:59 am Operator: 209 GALOS
Sample : gcms scan 12/7 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

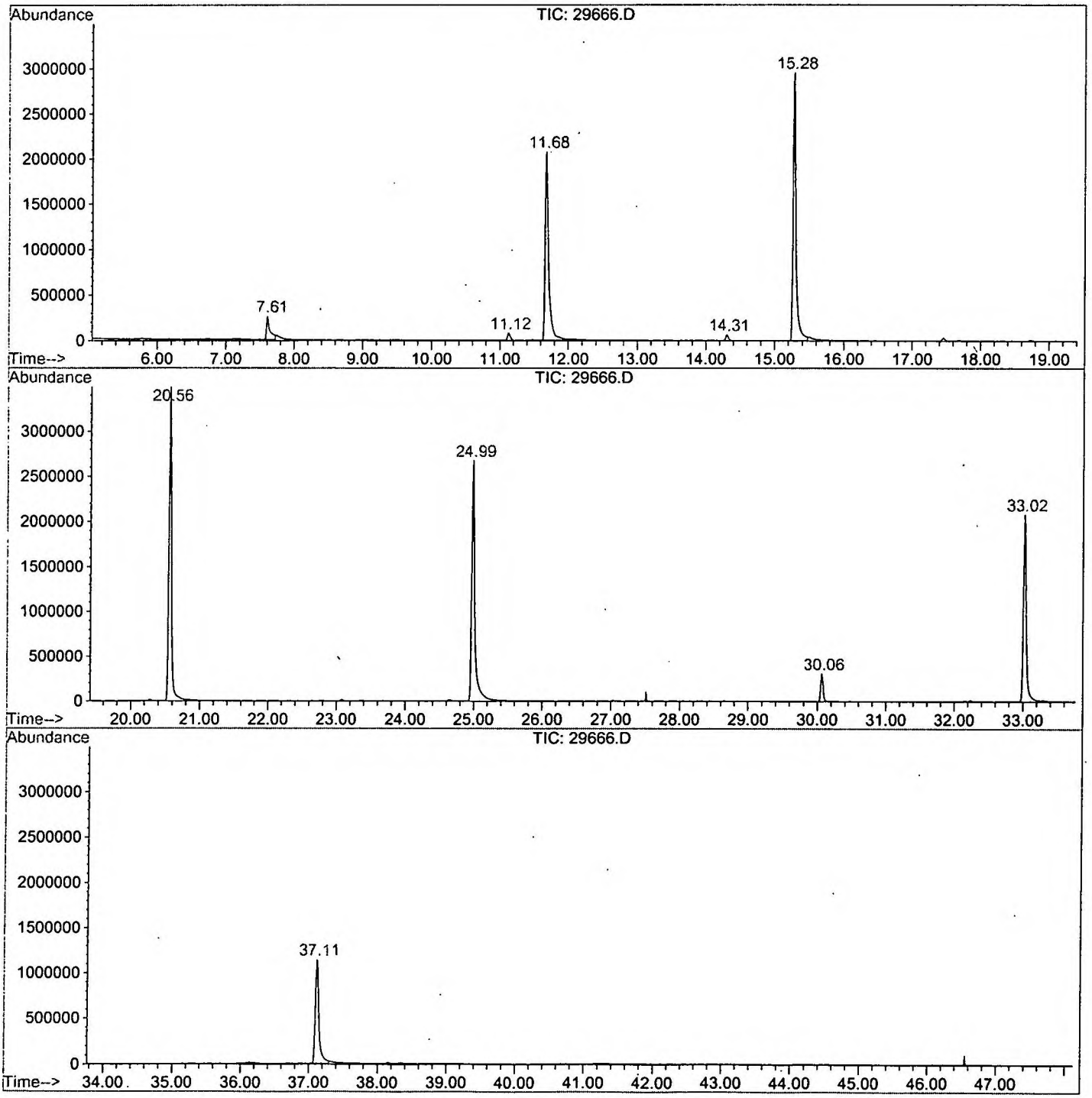
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.608	275	279	292	rBV	254452	910632	10.19%	2.027%
2	11.124	658	662	673	rBV	80095	228027	2.55%	0.508%
3	11.675	717	722	759	rBV	2069028	6933952	77.56%	15.434%
4	14.310	1004	1009	1020	rVB2	63307	166690	1.86%	0.371%
5	15.283	1109	1115	1136	rBV	2949604	8423756	94.22%	18.750%
6	20.562	1683	1690	1714	rBV	3493231	8940567	100.00%	19.901%
7	24.987	2165	2172	2204	rBV2	2674743	8335053	93.23%	18.553%
8	30.063	2718	2725	2735	rBV	312065	729553	8.16%	1.624%
9	33.019	3038	3047	3073	rBV2	2078301	6112944	68.37%	13.607%
10	37.114	3486	3493	3513	rBV2	1139274	4144334	46.35%	9.225%

Sum of corrected areas: 44925508

29666.D GCMS1126.M Wed Jan 16 14:45:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\29666.D
Operator : 209 GALOS
Acquired : 3 Jan 2002 3:59 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 64
Quant File :GCMS1126.RES (RTE Integrator)



29666.D GCMS1126.M Wed Jan 16 14:45:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29666.D
Acq On : 3 Jan 2002 3:59 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 64
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

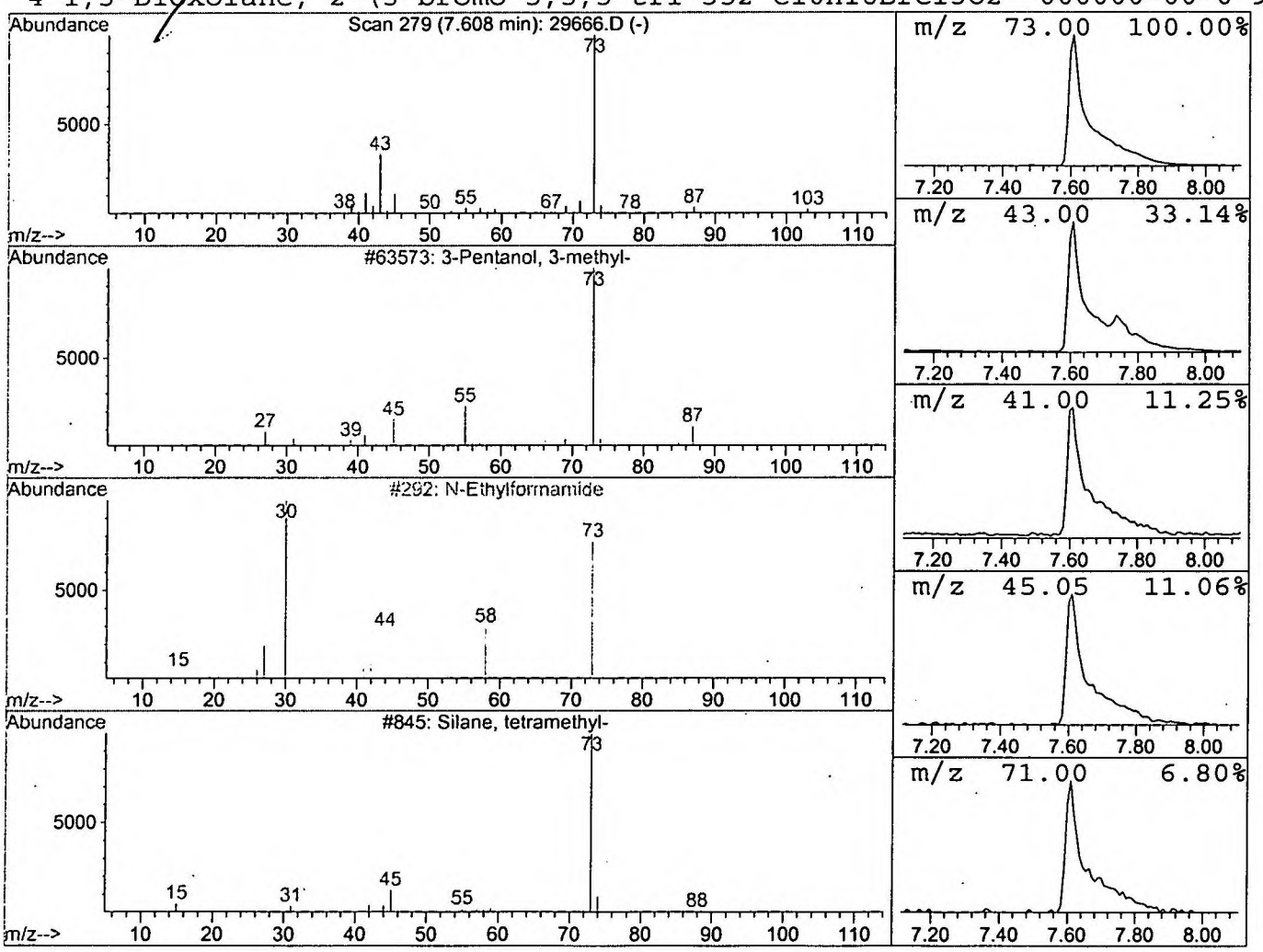
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.63 ug/l	910632	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29666.D
Acq On : 3 Jan 2002 3:59 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 64
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

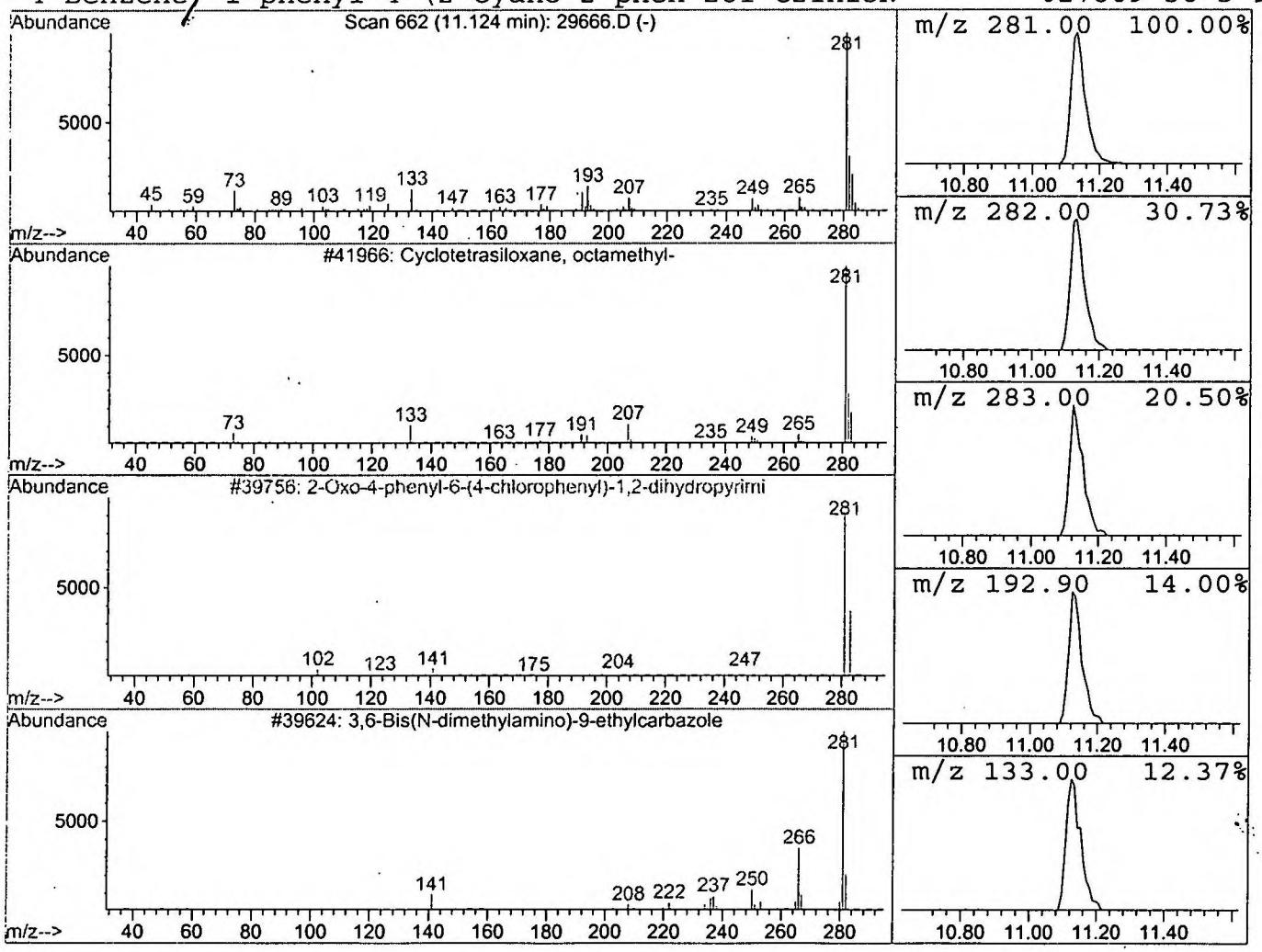
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	0.66 ug/l	228027	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29666.D
Acq On : 3 Jan 2002 3:59 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 64
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

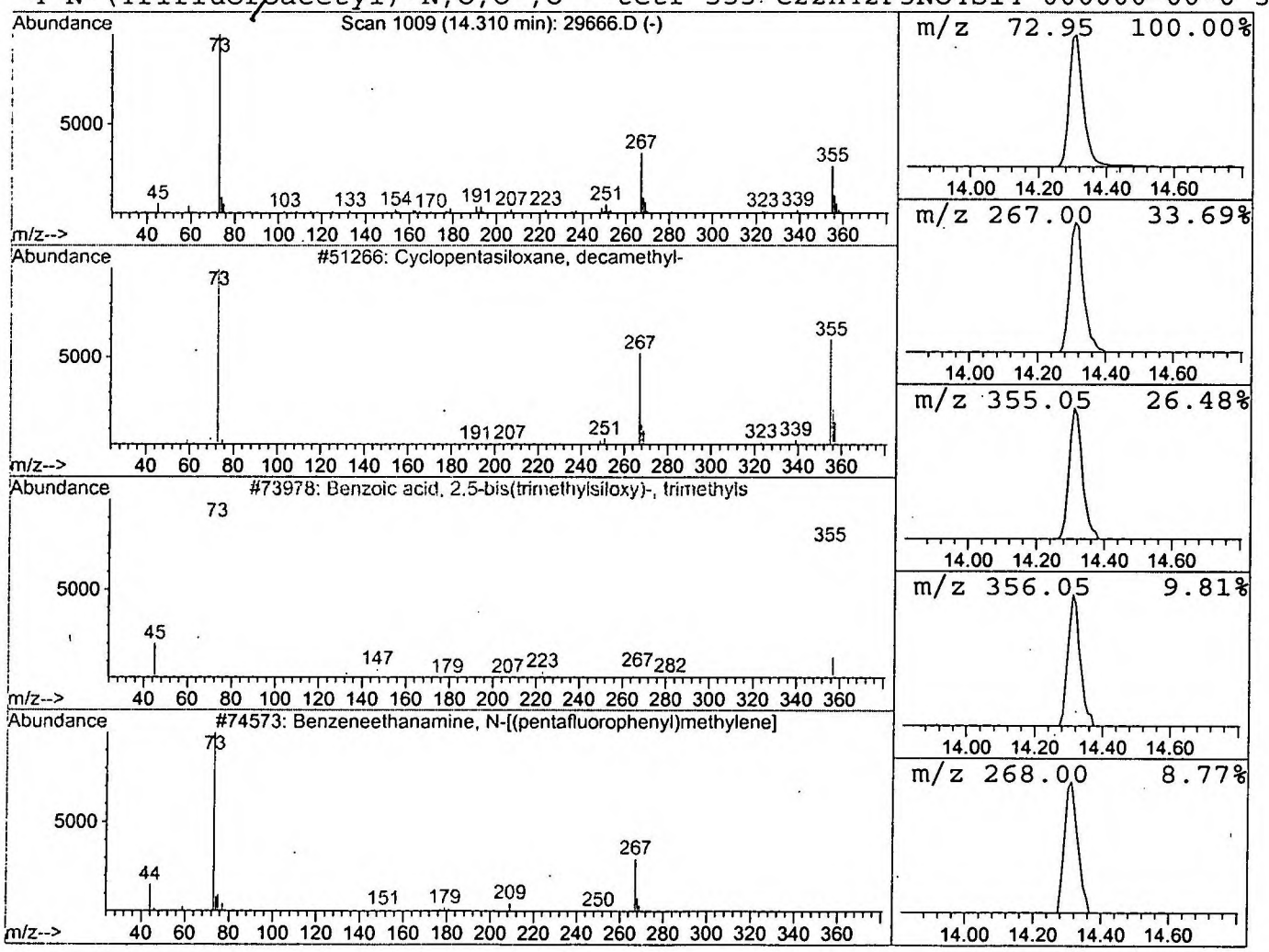
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.40 ug/l	166690	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Jan 2002 3:59 am
Data File: C:\HPCHEM\1\DATA\DEC3101\29666.D
Name: gcms scan 12/7
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
3-Pentanol, 3-methyl	7.61	2.6	ug/l	910632	ISTD01	11.68	6933950	20.0
Cyclotetrasiloxane,	11.12	0.7	ug/l	228027	ISTD01	11.68	6933950	20.0
Cyclopentasiloxane,	14.31	0.4	ug/l	166690	ISTD02	15.28	8423760	20.0

29666.D GCMS1126.M Wed Jan 16 14:45:48 2002