User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:07:47

Sample: AD30016
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:07 Ended: 1/28/02 14:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AD30016 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 14:07:50

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\JAN1502\30016.D Vial: 25
Acq On : 15 Jan 2002 3:49 pm Operator: 209 GALOS
Sample : gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 14:47 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	1248544	20.00	ug/l	-0.03
10) Naphthalene-d8	15.10	136	4774203	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.36	164	2340643	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	3284517	20.00	ug/l	-0.03
38) Chrysene-d12	32.81	240	2009102	20.00	ug/l	-0.03
44) Perylene-d12	36.88	264	1372506	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	142395	3.78	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 75.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	13.62	77	118	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	15.16	128	1453	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	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.96	165	123	N.D.		
25) Diethylphthalate	21.88	149	420	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\JAN1502\30016.D Vial: 25
Acq On : 15 Jan 2002 3:49 pm Operator: 209 GALOS
Sample : gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 14:47 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.84	178	490	N.D.	
34)	Anthracene	24.84	178	490	N.D.	
35)	Di-n-butylphthalate	26.80	149	5375	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	32.81	228	5997	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	7003	N.D.	
43)	Chrysene	32.81	228	5997	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	35.88	252	172	N.D.	
48)	Benzo(a)pyrene	36.87	252	5654	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.	

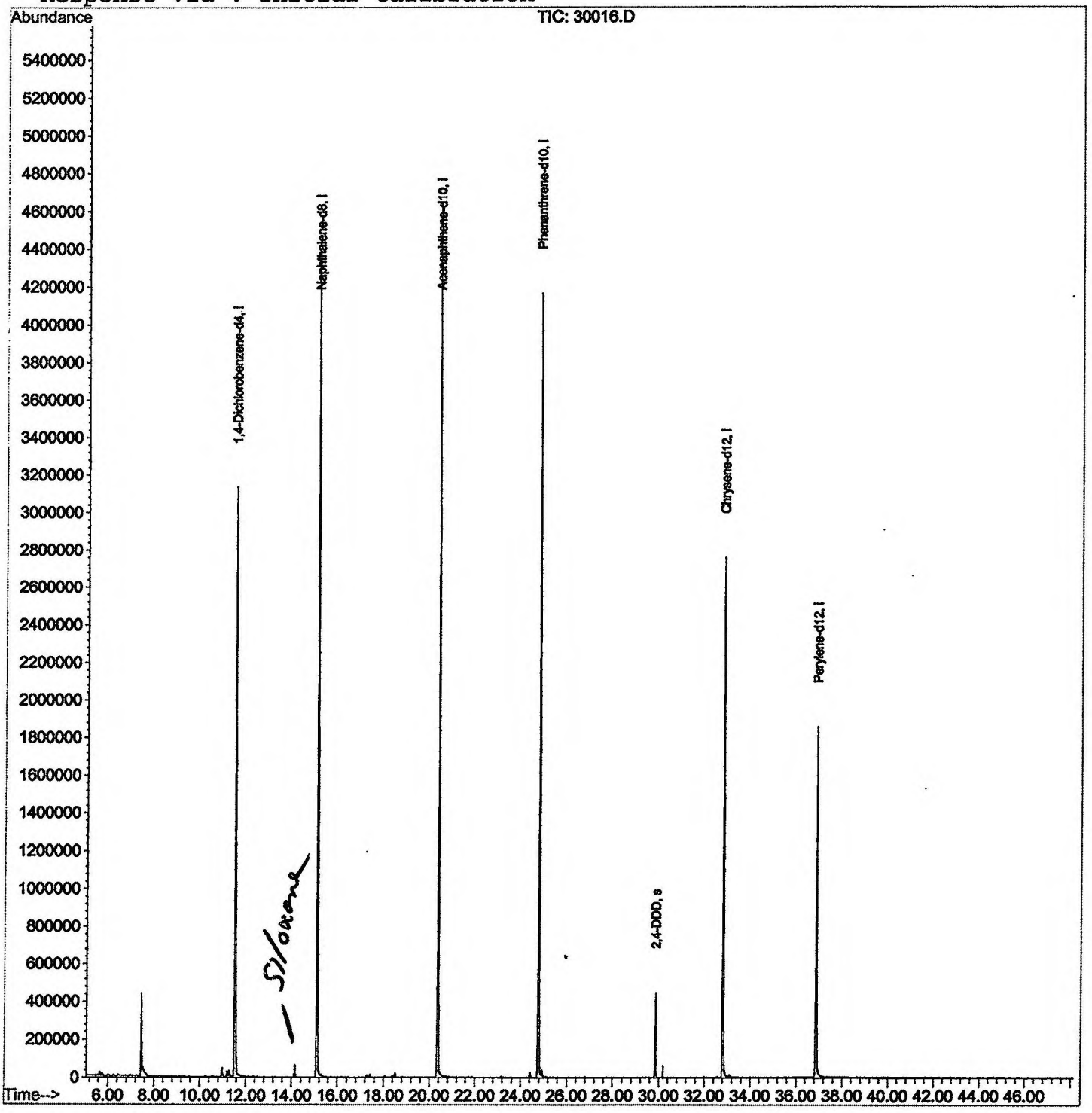
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\30016.D
Acq On : 15 Jan 2002 3:49 pm
Sample : gc/ms scan
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 18 14:47 2002

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.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\JAN1502\30016.D Vial: 25
Acq On : 15 Jan 2002 3:49 pm Operator: 209 GALOS
Sample : gc/ms scan 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

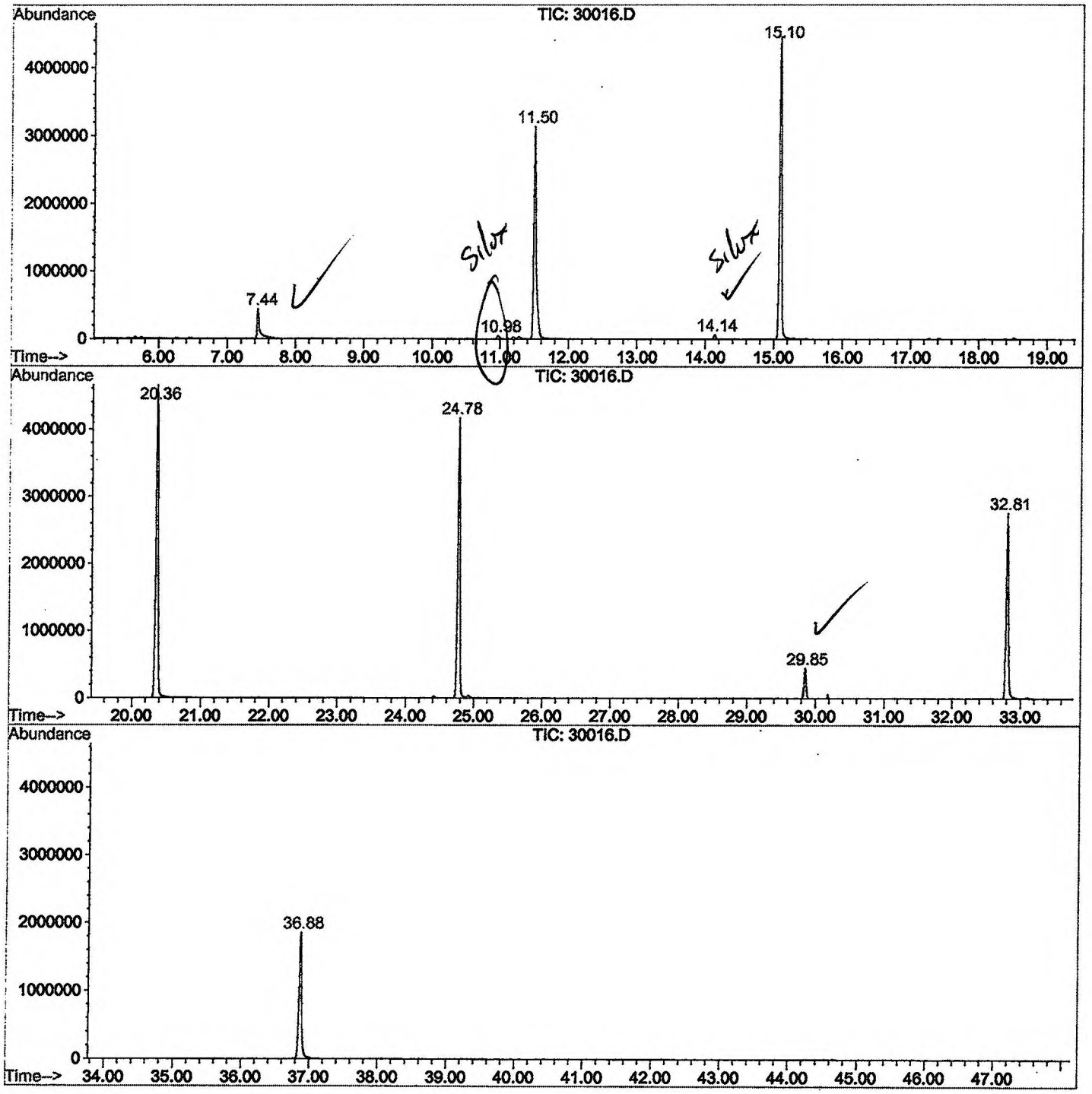
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.443	257	261	294	rBV	435940	1201649	11.78%	2.353%
2	10.978	640	646	657	rVB	46671	121430	1.19%	0.238%
3	11.501	697	703	721	rBV	3130924	7931959	77.74%	15.534%
4	14.145	985	991	997	rBV	63947	127420	1.25%	0.250%
5	15.100	1088	1095	1112	rBV	4447841	9746473	95.52%	19.088%
6	20.360	1660	1668	1691	rBV	4647547	10203280	100.00%	19.983%
7	24.776	2141	2149	2161	rBV2	4164199	9228506	90.45%	18.073%
8	29.852	2696	2702	2712	rBV	445088	872040	8.55%	1.708%
9	32.808	3017	3024	3049	rBV	2757364	6497280	63.68%	12.725%
10	36.875	3458	3467	3495	rBV	1851944	5131027	50.29%	10.049%

Sum of corrected areas: 51061064

30016.D GCMS1126.M Fri Jan 18 14:50:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\30016.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 3:49 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan
Misc Info :
Vial Number: 25
Quant File :GCMS0103.RES (RTE Integrator)



30016.D GCMS1126.M Fri Jan 18 14:50:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\30016.D
Acq On : 15 Jan 2002 3:49 pm
Sample : gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

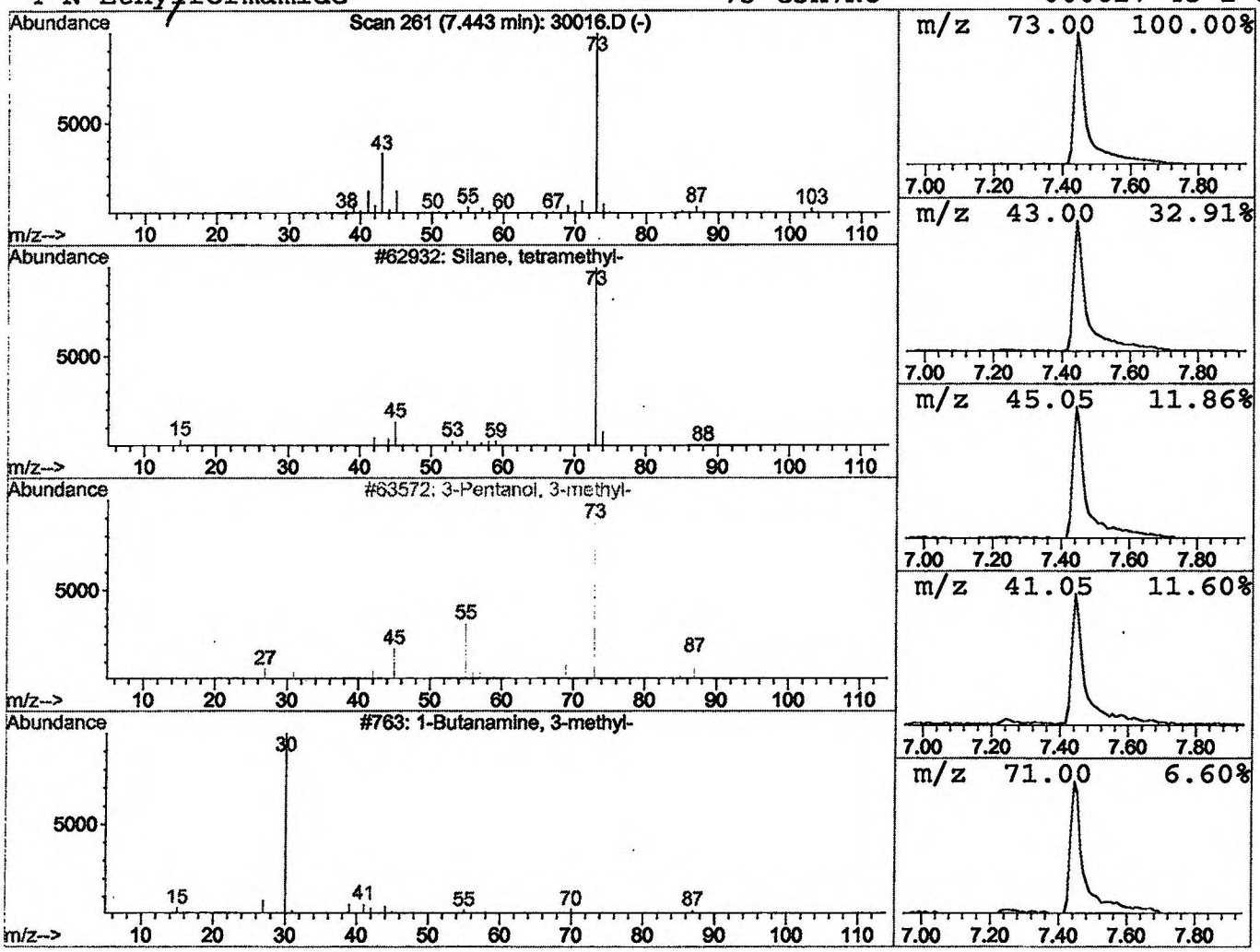
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	3.03 ug/l	1201650	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\30016.D
Acq On : 15 Jan 2002 3:49 pm
Sample : gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

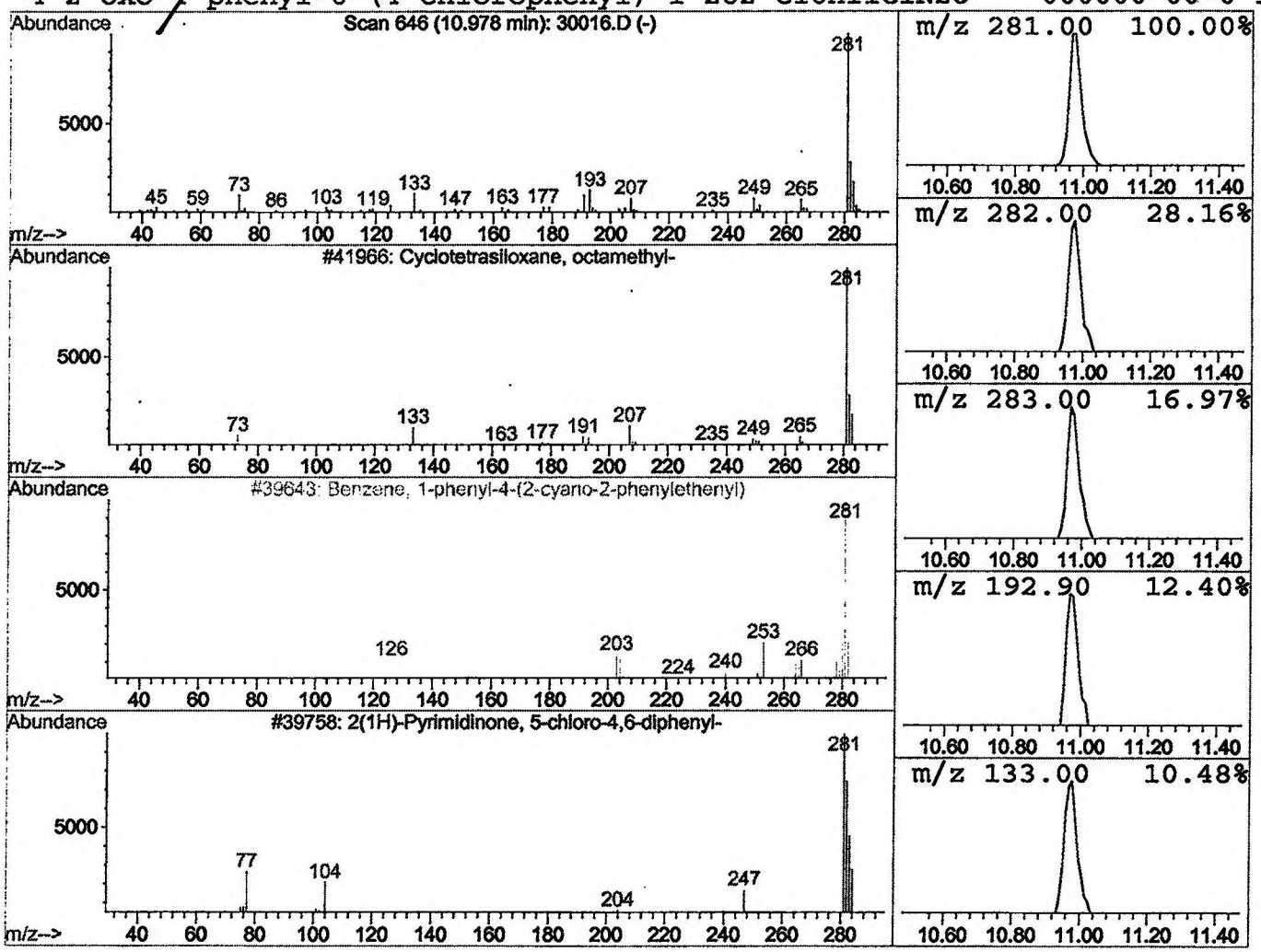
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	0.31 ug/l	121430	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	50
3	2(1H)-Pyrimidinone, 5-chloro-4,6-di	282	C16H11ClN2O	028567-83-1	9
4	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\30016.D
Acq On : 15 Jan 2002 3:49 pm
Sample : gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

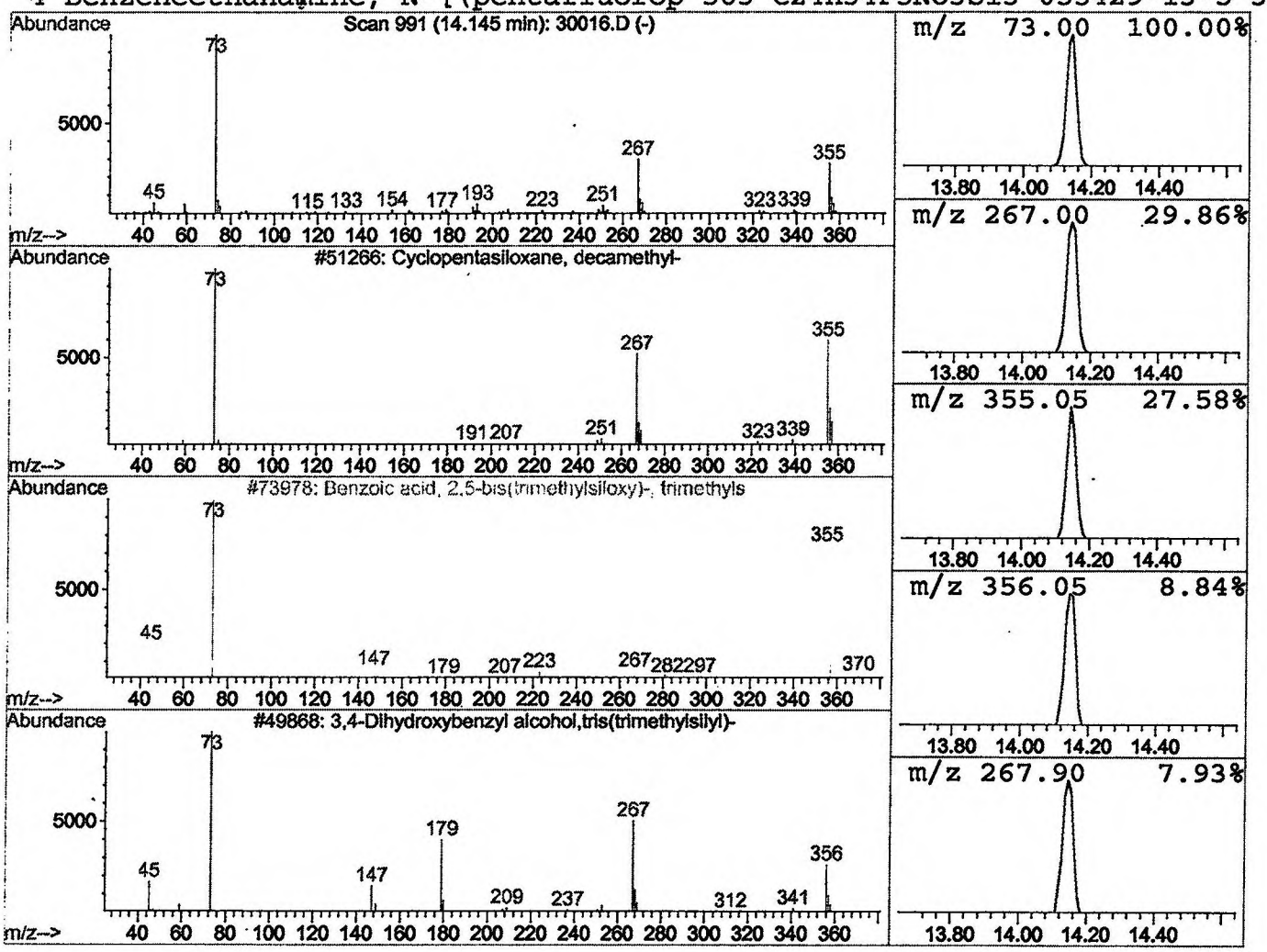
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	0.26 ug/l	127420	Naphthalene-d8	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 3:49 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\30016.D
Name: gc/ms scan
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.44	3.0	ug/l	1201650	ISTD01	11.50	7931960	20.0
Cyclotetrasiloxane,	10.98	0.3	ug/l	121430	ISTD01	11.50	7931960	20.0
Cyclopentasiloxane,	14.14	0.3	ug/l	127420	ISTD02	15.10	9746470	20.0

30016.D GCMS1126.M Fri Jan 18 14:50:27 2002