User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/08/2002 Time: 14:29:59

Sample: AD26477
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/21/01 17:13 Ended: 12/21/01 17:13 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		121		5.0

Comments for Sample AD26477 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 14:30:39

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for Di-n-butylphthalate at an estimated level of 0.44 ug/L. A reanalysis confirms these results. The pH of this sample when received was less than 2.

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\DEC2701\26477.D Vial: 10
Acq On : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:28 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	11.68	152	987925	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3816162	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1890586	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2774786	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1748662	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1004389	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	184492	6.05	ug/mL	0.00
Spiked Amount 5.000			Recovery = 121.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	993	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	13.23	77	177	N.D.		
12) Isophorone	13.50	82	277	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	953	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	21.24	165	370	N.D.		
25) Diethylphthalate	22.12	149	371	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 : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:28 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

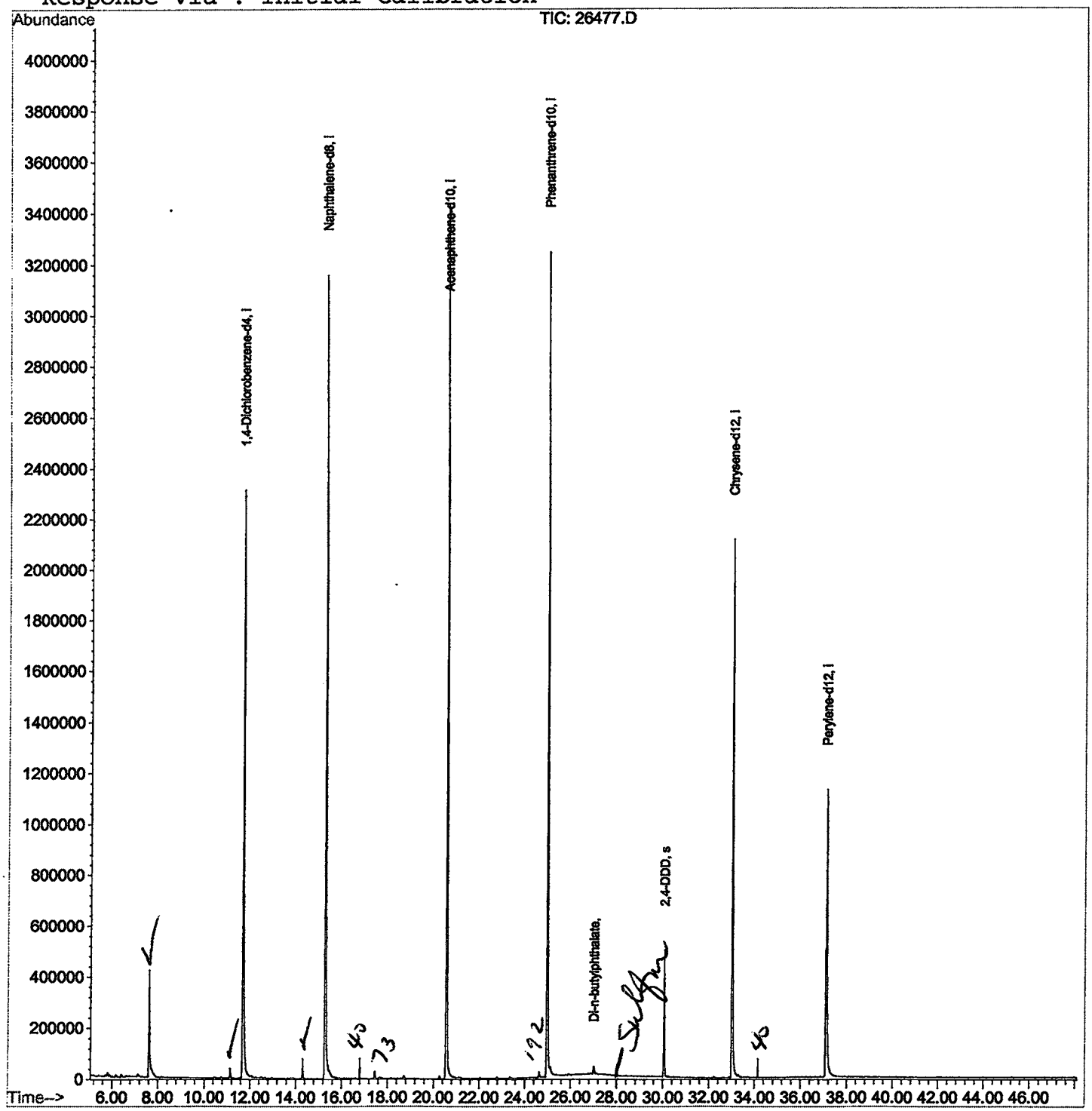
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.98	178	985	N.D.	
34) Anthracene	24.98	178	985	N.D.	
35) Di-n-butylphthalate	27.01	149	60490	0.31 ug/l #	98
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.54	149	533	N.D.	
41) Benzo(a)anthracene	33.02	228	4168	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.31	149	5342	N.D.	
43) Chrysene	33.02	228	4168	N.D.	
45) Di-n-Octylphthalate	34.84	149	104	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	4114	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 : M:\INSTRU~1\209\DATA\DEC2701\26477.D Vial: 10
Acq On : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:28 2002 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 : M:\INSTRU~1\209\DATA\DEC2701\26477.D Vial: 10
Acq On : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 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

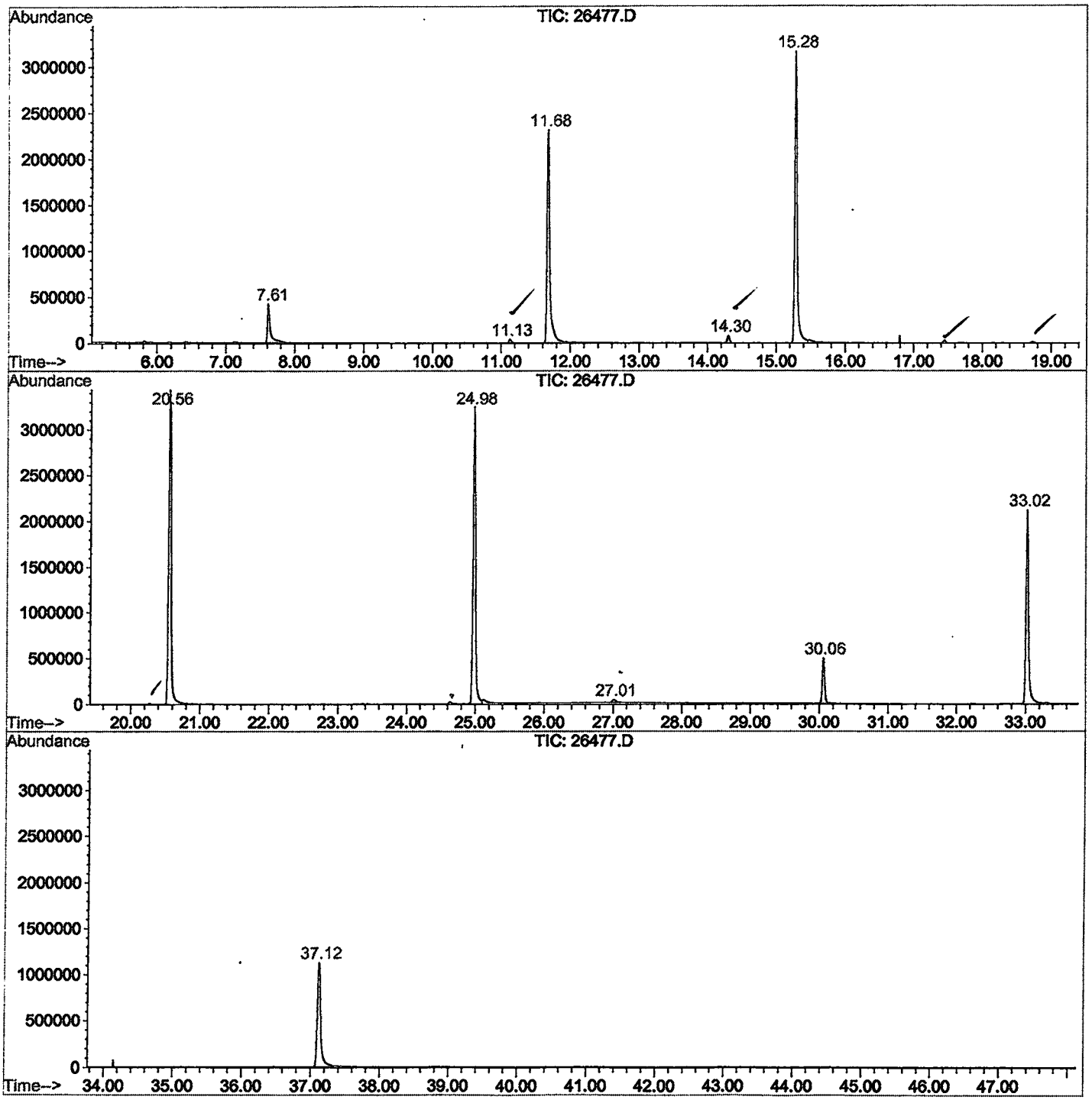
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	314	rBV	417819	1267251	15.15%	3.008%
2	11.128	658	663	673	rBV	39083	92753	1.11%	0.220%
3	11.679	718	723	756	rBV	2309815	6158237	73.63%	14.619%
4	14.304	1003	1009	1016	rBV	79240	167865	2.01%	0.398%
5	15.277	1110	1115	1135	rBV	3157027	7615039	91.04%	18.077%
6	20.556	1684	1690	1729	rBV	3437549	8364173	100.00%	19.855%
7	24.981	2165	2172	2185	rBV2	3241721	7810034	93.37%	18.540%
8	27.010	2388	2393	2403	rBV	30019	107498	1.29%	0.255%
9	30.058	2720	2725	2737	rBV	494602	1150347	13.75%	2.731%
10	33.023	3041	3048	3075	rBV	2114378	5621742	67.21%	13.345%
11	37.117	3486	3494	3518	rBV2	1124913	3771328	45.09%	8.952%

Sum of corrected areas: 42126267

26477.D GCMS1126.M Tue Jan 29 14:21:53 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\26477.D
Operator : 209 GALOS
Acquired : 27 Dec 2001 8:54 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/13
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



26477.D GCMS1126.M Tue Jan 29 14:21:59 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\26477.D Vial: 10
Acq On : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

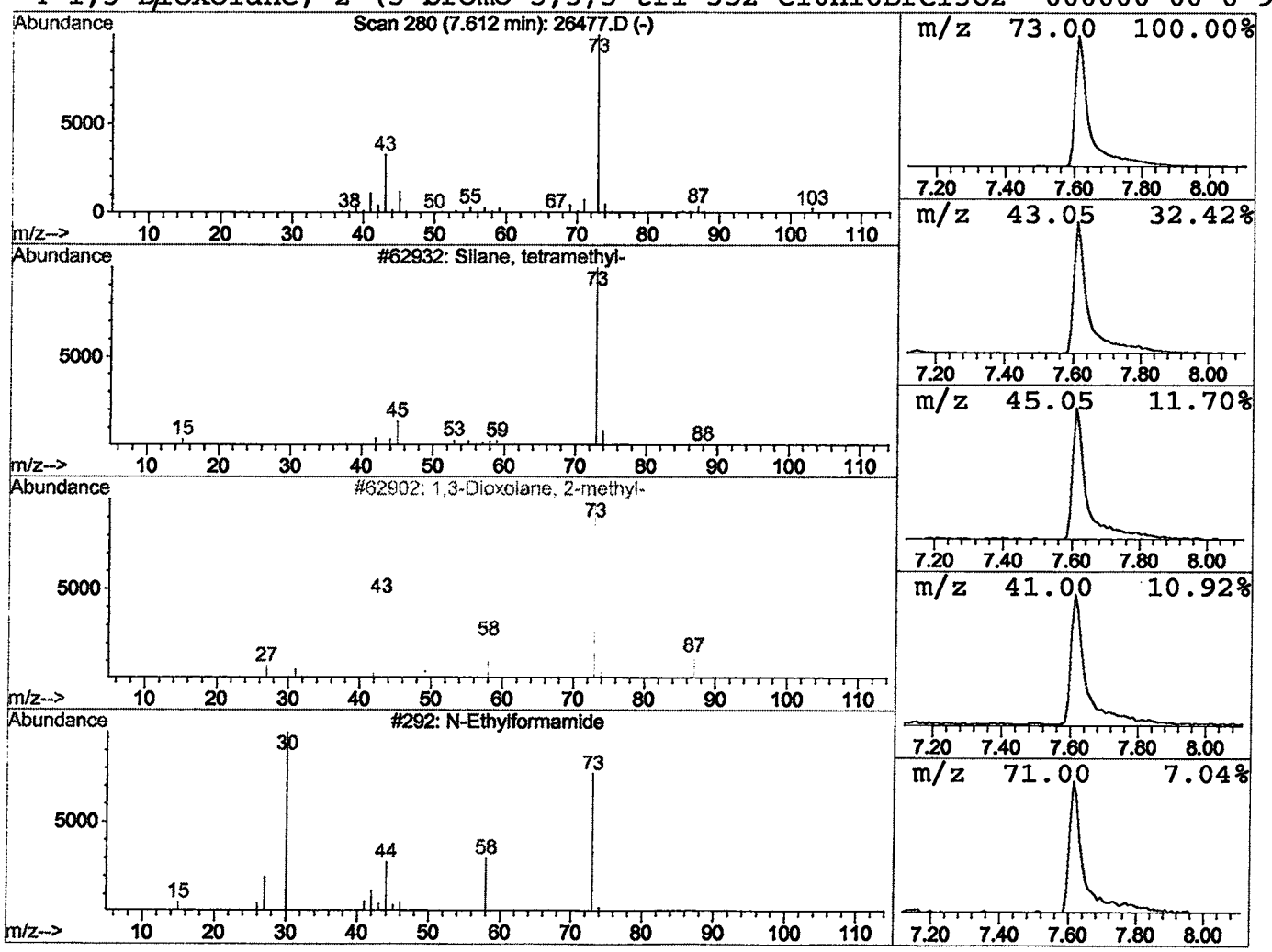
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.12 ug/l	1267250	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\26477.D Vial: 10
Acq On : 27 Dec 2001 8:54 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

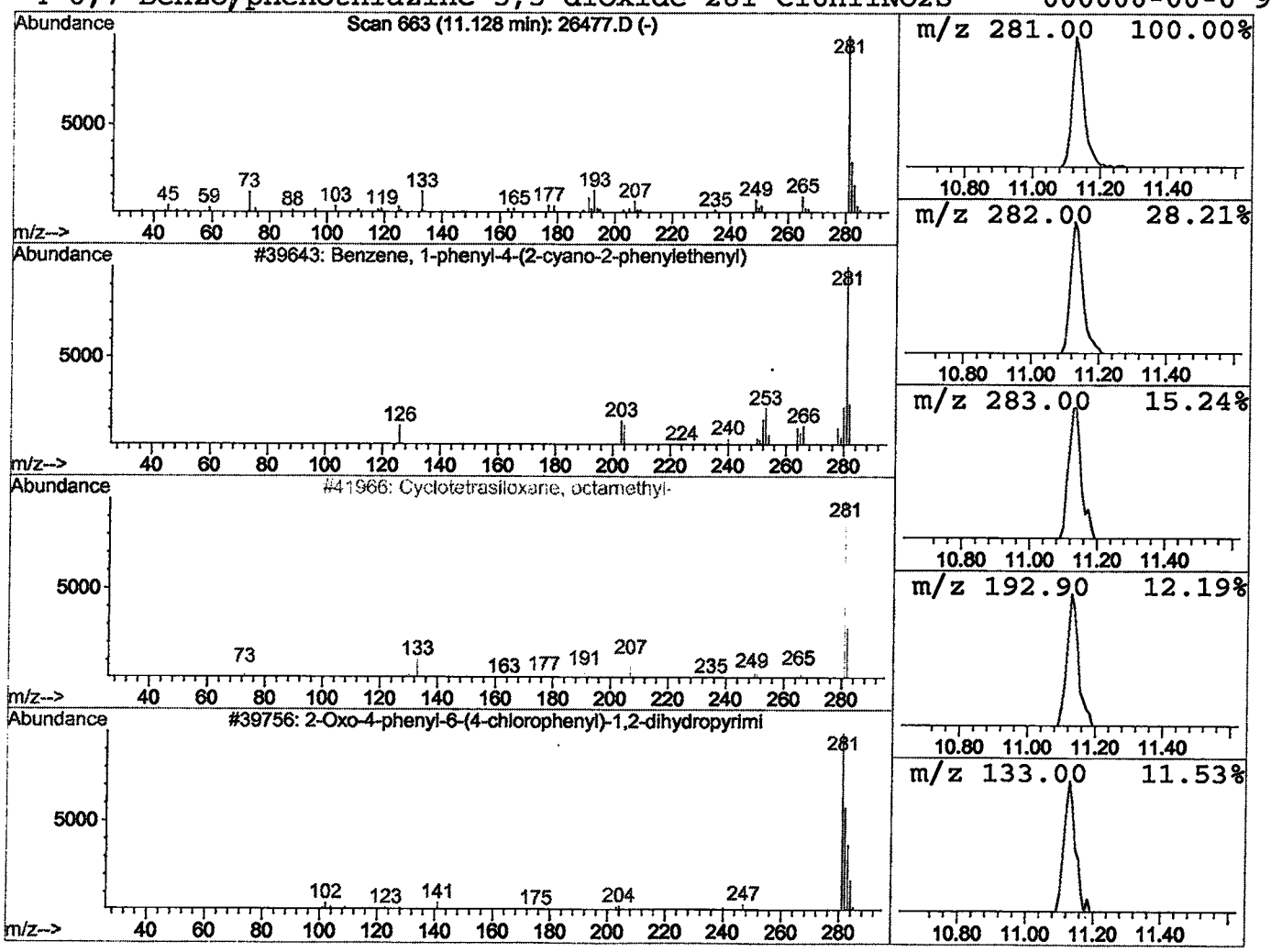
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzene, 1-phenyl-4-(2-cyano-2 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.30 ug/l	92753	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	50
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	38
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	6,7-Benzophenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\26477.D
Acq On : 27 Dec 2001 8:54 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

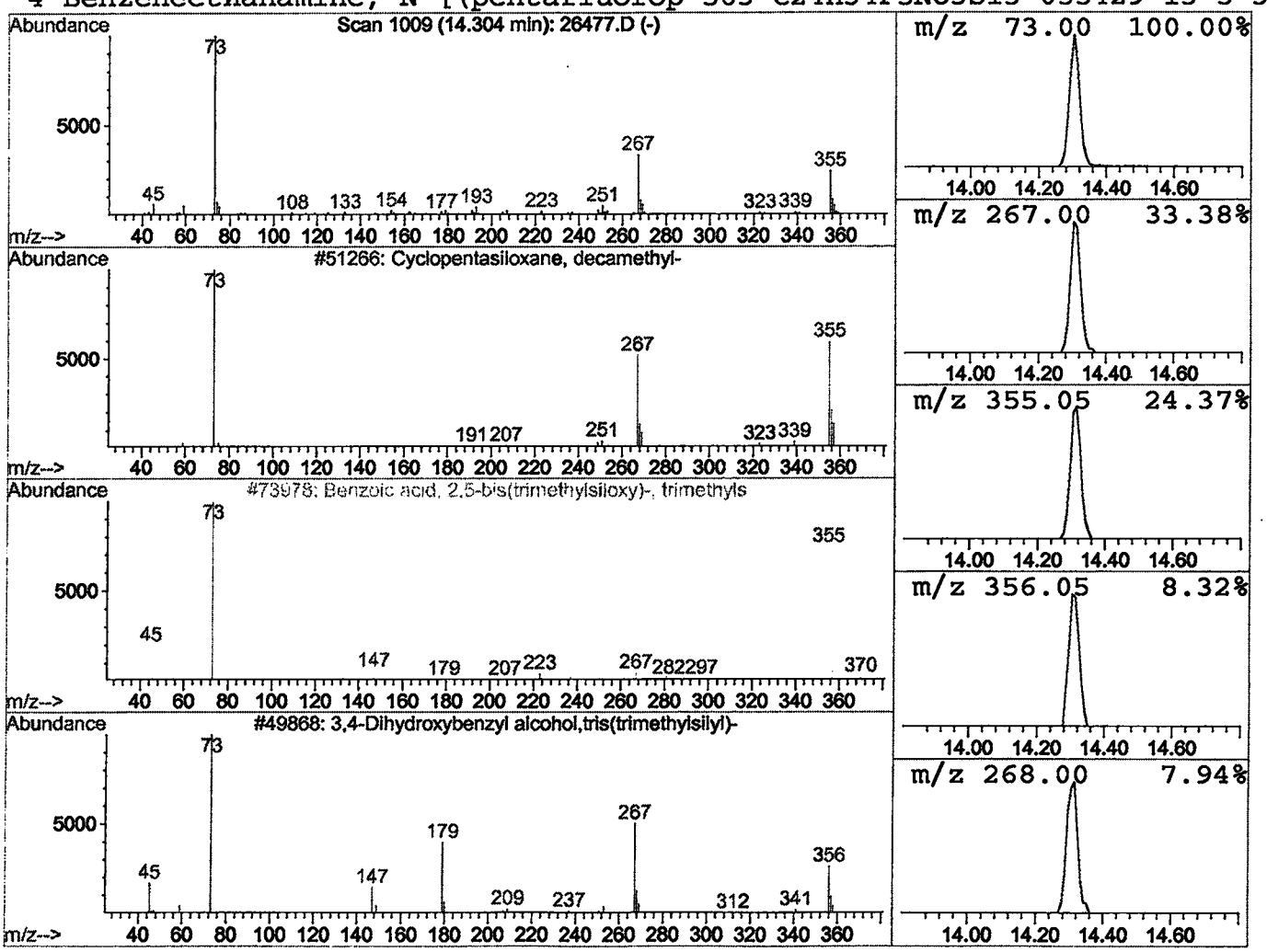
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	0.44 ug/l	167865	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	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Dec 2001 8:54 pm
Data File: M:\INSTRU~1\209\DATA\DEC2701\26477.D
Name: GC/MS SCAN 12/13
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-	7.61	4.1	ug/l	1267250	ISTD01	11.68	6158240	20.0
Benzene, 1-phenyl-4-	11.13	0.3	ug/l	92753	ISTD01	11.68	6158240	20.0
Cyclopentasiloxane,	14.30	0.4	ug/l	167865	ISTD02	15.28	7615040	20.0

26477.D GCMS1126.M Tue Jan 29 14:22:18 2002