User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/08/2002 Time: 14:24:46

Sample: AD30488
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/8/02 14:24 Ended: 2/8/02 14:24 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AD30488 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 14:24:50

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

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:15 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	11.67	152	1100643	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4210286	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2072066	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3134276	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1909763	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	1106834	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	143997	4.18	ug/mL	0.00
Spiked Amount 5.000			Recovery = 83.60%			
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	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	15.34	128	1524	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	21.26	165	779	N.D.		
25) Diethylphthalate	22.12	149	1414	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 : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN 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 Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

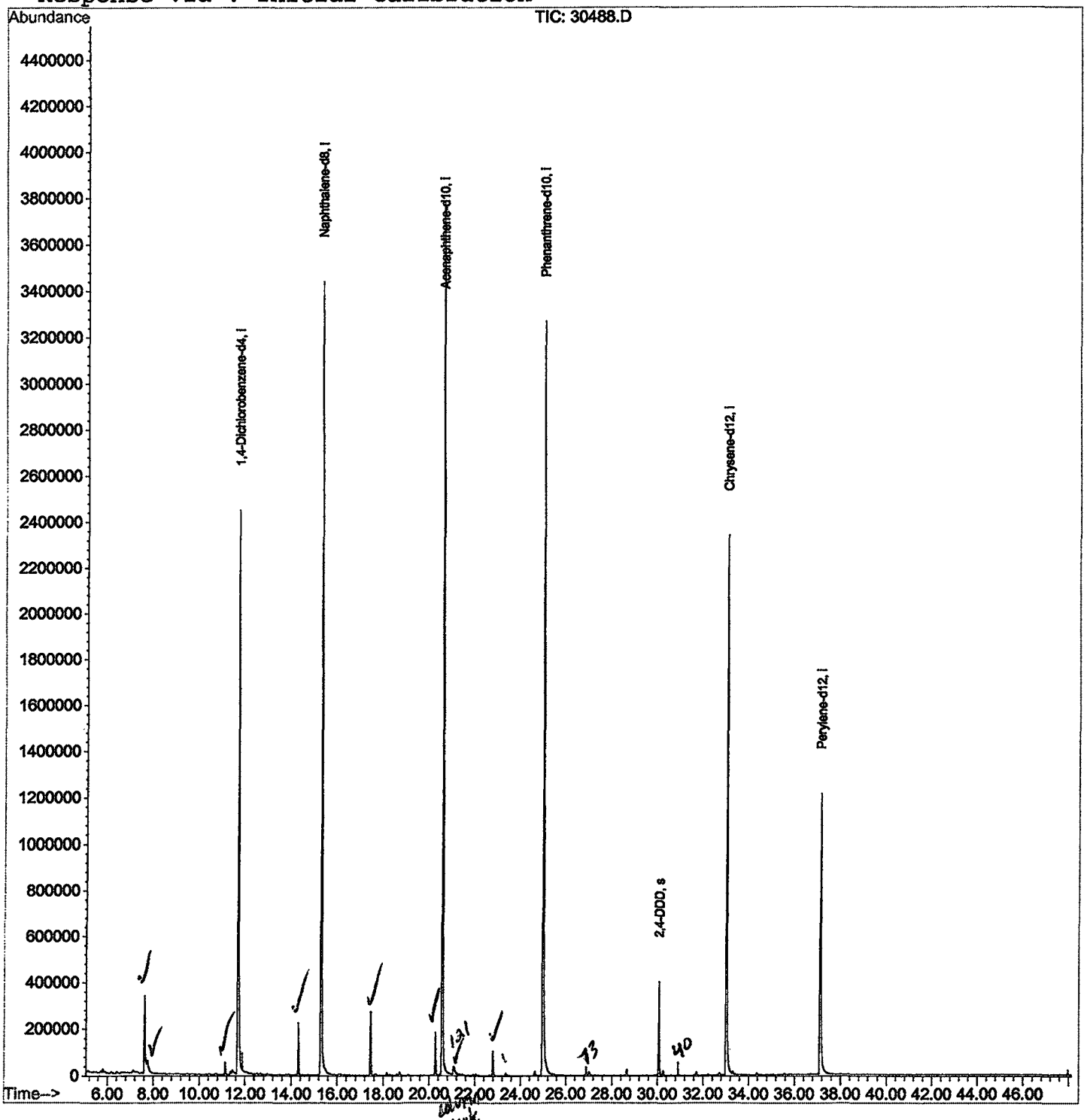
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	1823	N.D.	
34)	Anthracene	25.05	178	1823	N.D.	
35)	Di-n-butylphthalate	27.02	149	27550	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.52	149	190	N.D.	
41)	Benzo(a)anthracene	33.03	228	4708	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5780	N.D.	
43)	Chrysene	33.03	228	4708	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	3886	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\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:15 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\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 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

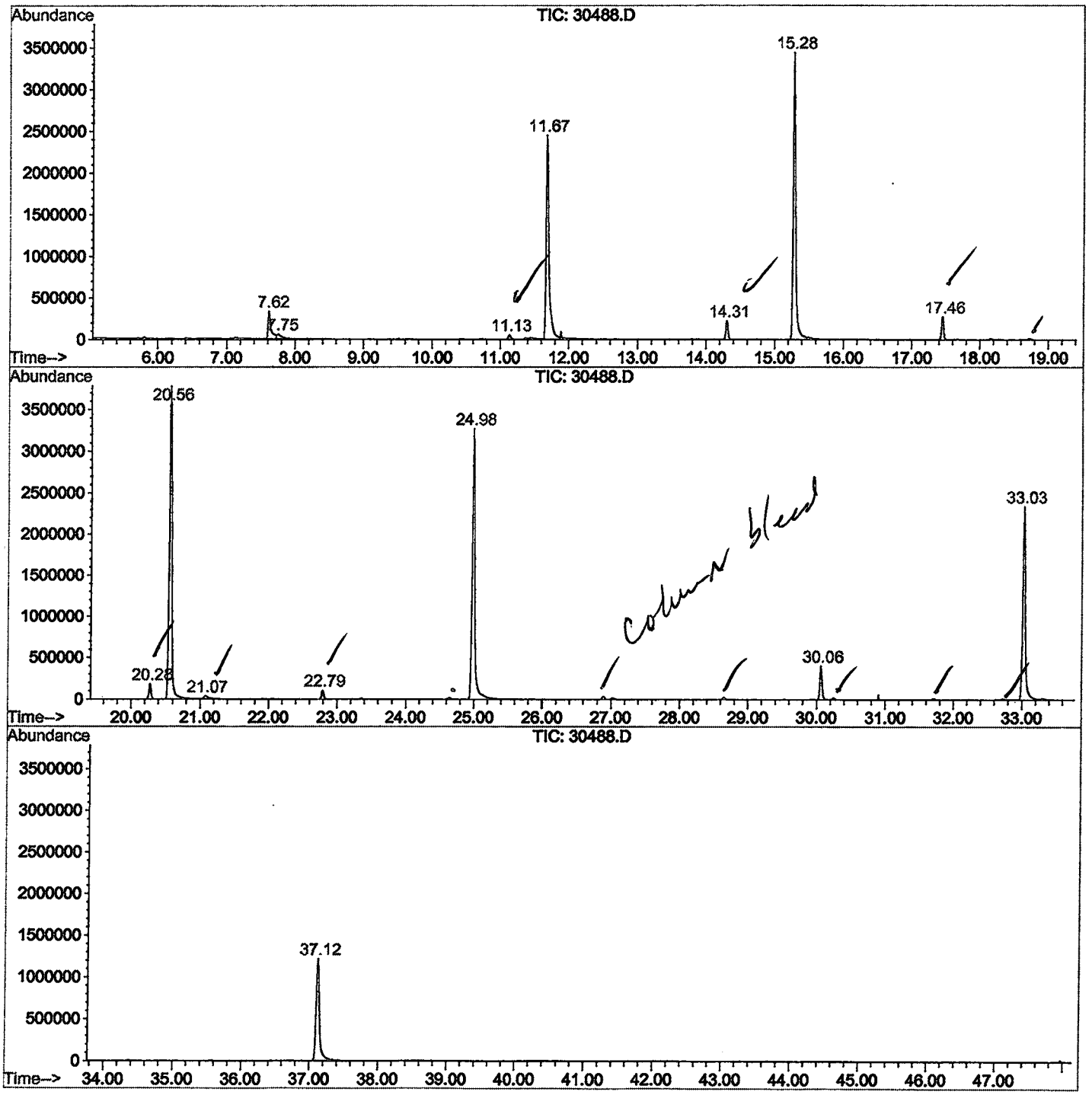
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.616	276	280	292	rBV	332211	979567	10.80%	2.059%
2	7.753	292	295	315	rVB	53476	237699	2.62%	0.500%
3	11.132	659	663	674	rVB	54664	135595	1.49%	0.285%
4	11.673	717	722	744	rBV	2443576	6872758	75.77%	14.444%
5	14.308	1001	1009	1017	rBV	224393	480400	5.30%	1.010%
6	15.281	1109	1115	1136	rBV	3438381	8491967	93.63%	17.847%
7	17.457	1345	1352	1361	rBV	273162	601113	6.63%	1.263%
8	20.275	1653	1659	1667	rBV	182889	385505	4.25%	0.810%
9	20.560	1684	1690	1709	rBV	3782704	9070038	100.00%	19.062%
10	21.074	1740	1746	1759	rBV2	32220	148346	1.64%	0.312%
11	22.791	1927	1933	1940	rBV	105615	226797	2.50%	0.477%
12	24.985	2163	2172	2208	rBV2	3268437	8842286	97.49%	18.583%
13	30.061	2719	2725	2738	rBV	401681	896340	9.88%	1.884%
14	33.027	3041	3048	3074	rBV	2337378	6163939	67.96%	12.954%
15	37.121	3486	3494	3521	rBV	1209721	4049435	44.65%	8.510%

Sum of corrected areas: 47581785

30488.D GCMS1126.M Tue Jan 29 14:29:53 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\30488.D
Operator : 209 GALOS
Acquired : 29 Dec 2001 1:48 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN
Misc Info :
Vial Number: 16
Quant File :GCMS1126.RES (RTE Integrator)



30488.D GCMS1126.M Tue Jan 29 14:29:59 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D
Acq On : 29 Dec 2001 1:48 pm
Sample : GC/MS SCAN
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

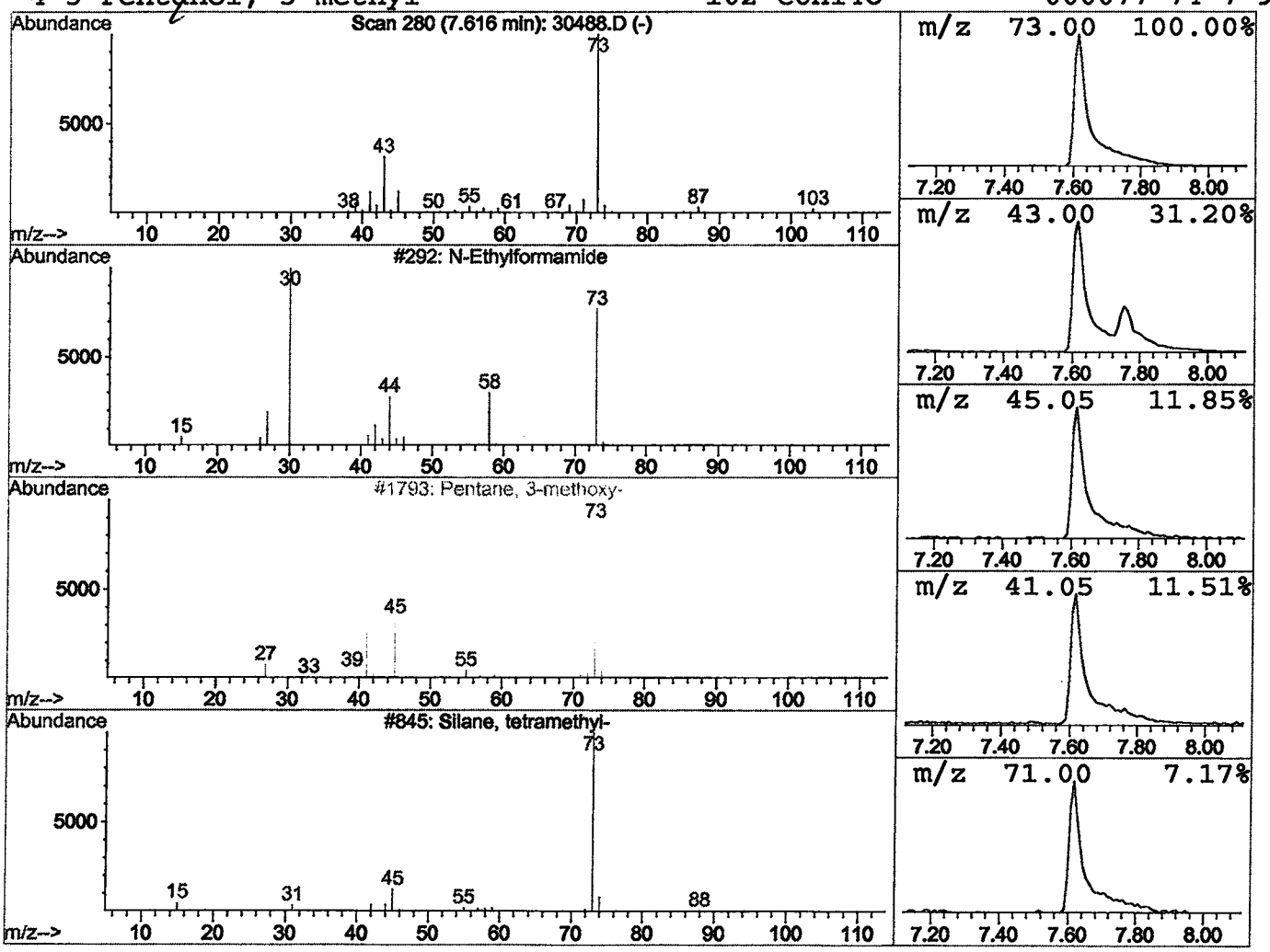
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.85 ug/l	979567	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

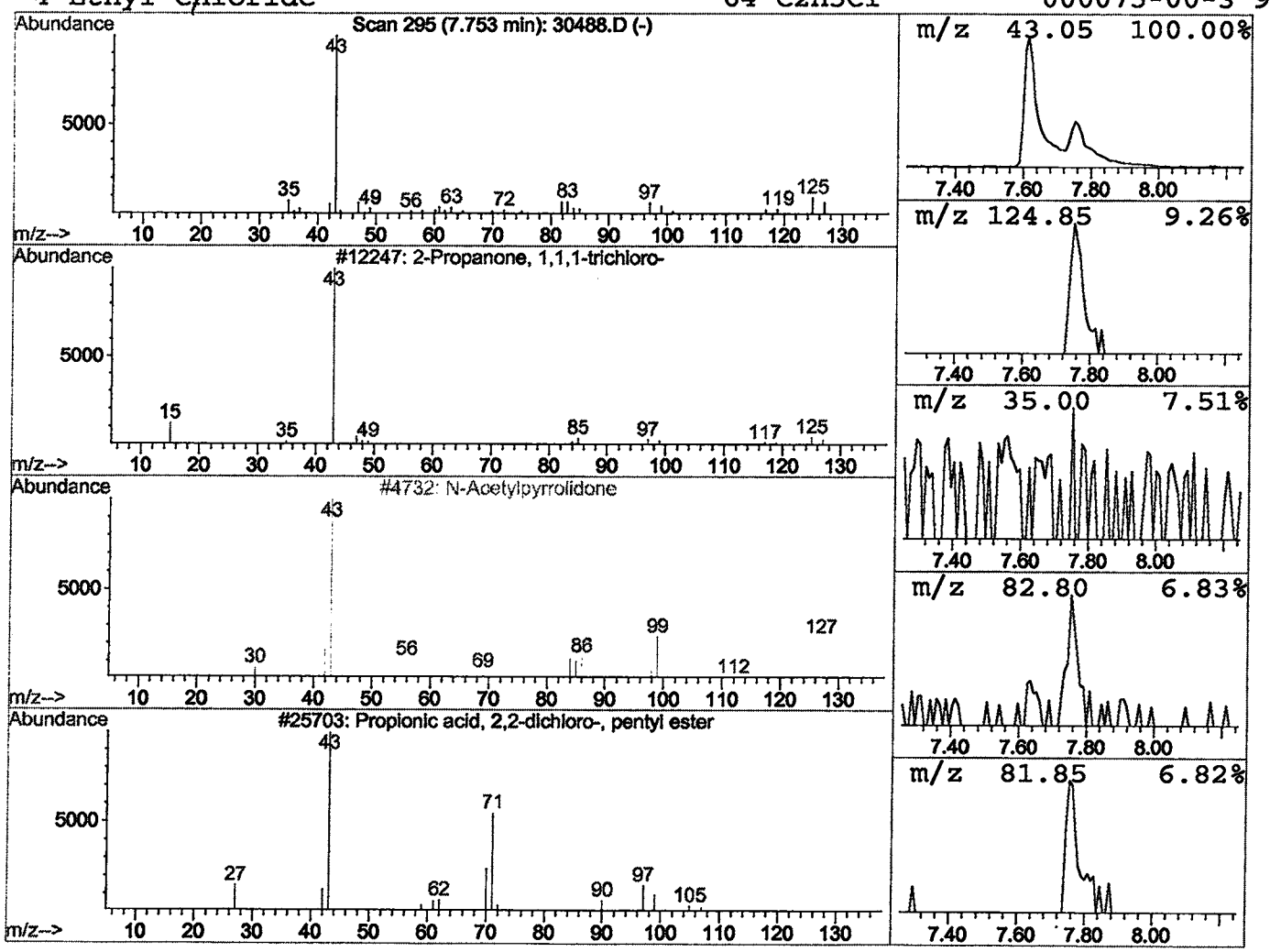
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.69 ug/l	237699	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	32
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	Propionic acid, 2,2-dichloro-, pent	212	C8H14Cl2O2	017640-08-3	9
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

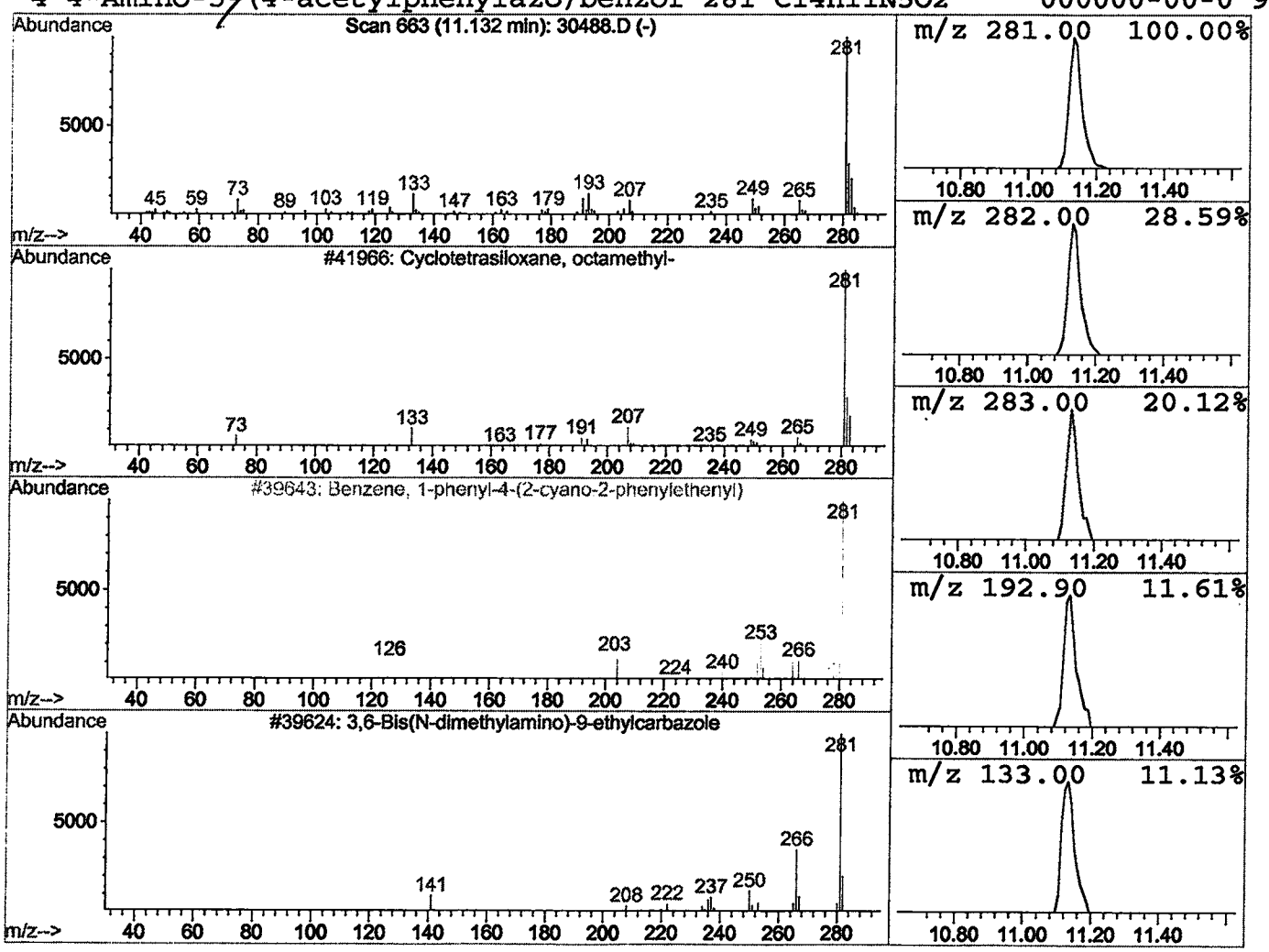
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.39 ug/l	135595	1,4-Dichlorobenzene-d4	11.67

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	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	28
4	4-Amino-5-(4-acetylphenylazo)benzof	281	C14H11N5O2	000000-00-0	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

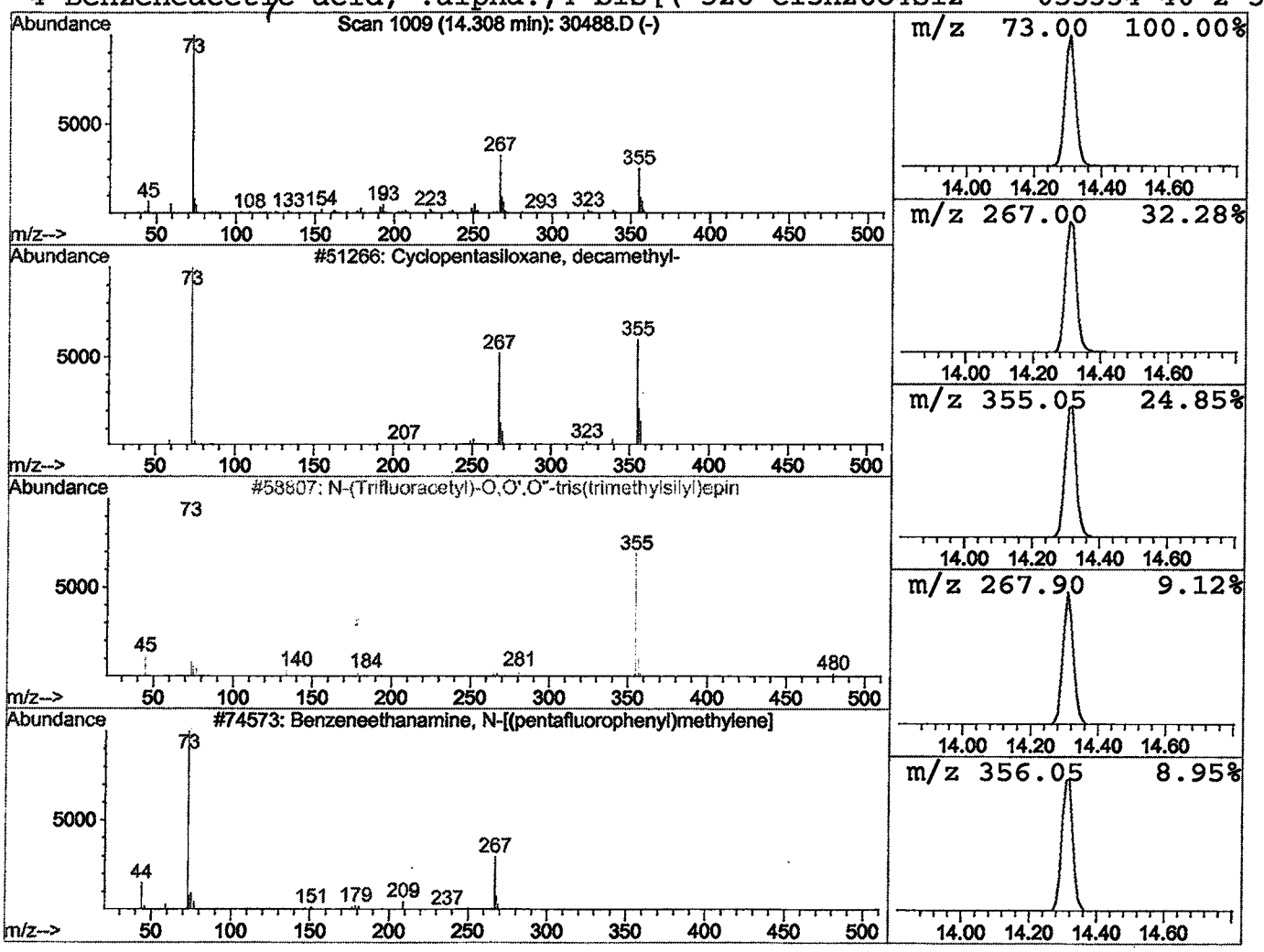
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	1.13 ug/l	480400	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	39
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
4	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

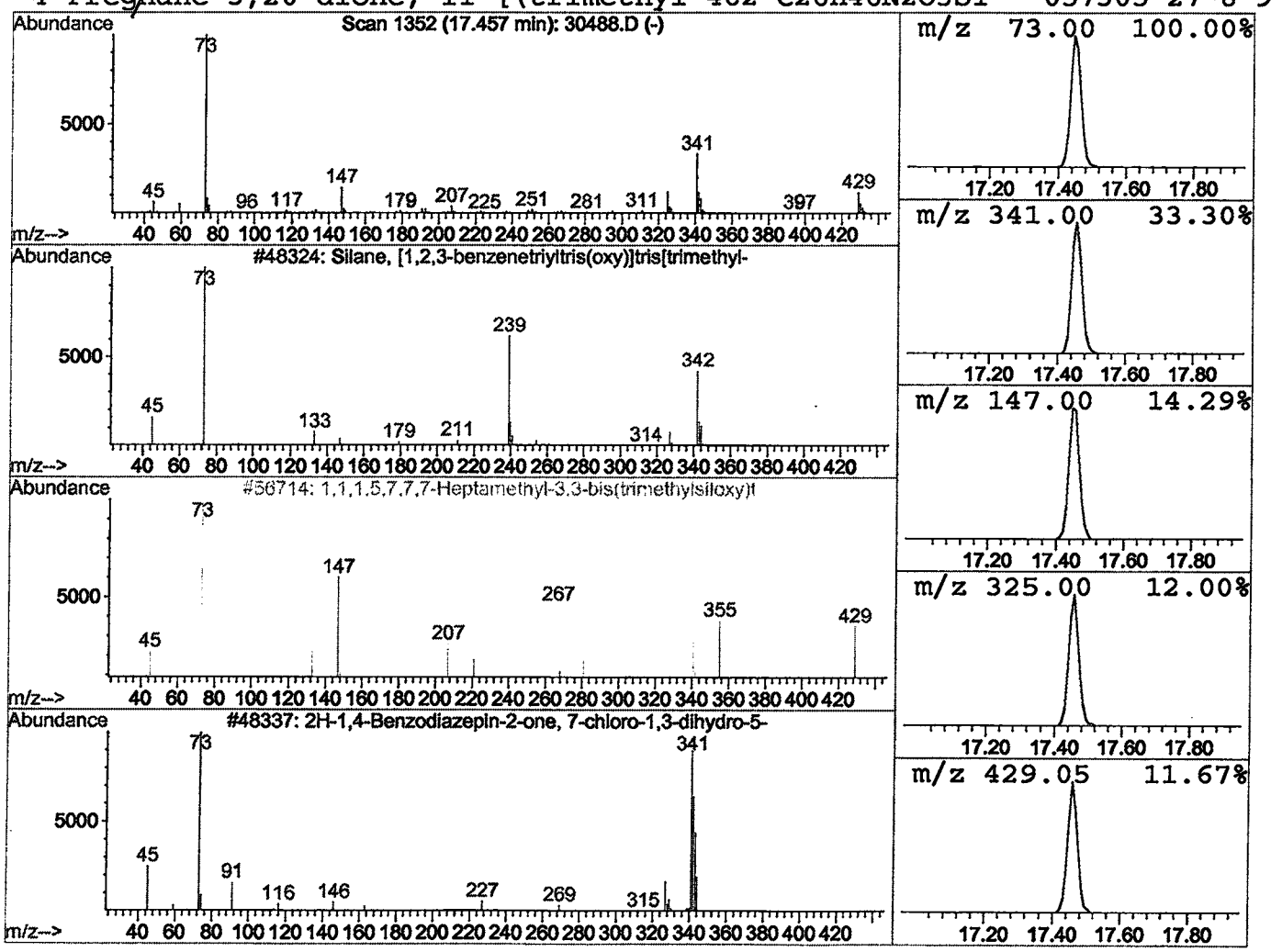
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Silane, [1,2,3-benzenetriyltri Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	1.42 ug/l	601113	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	25
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
4	Pregnane-3,20-dione, 11-[(trimethyl	462	C26H46N2O3Si	057305-27-8	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

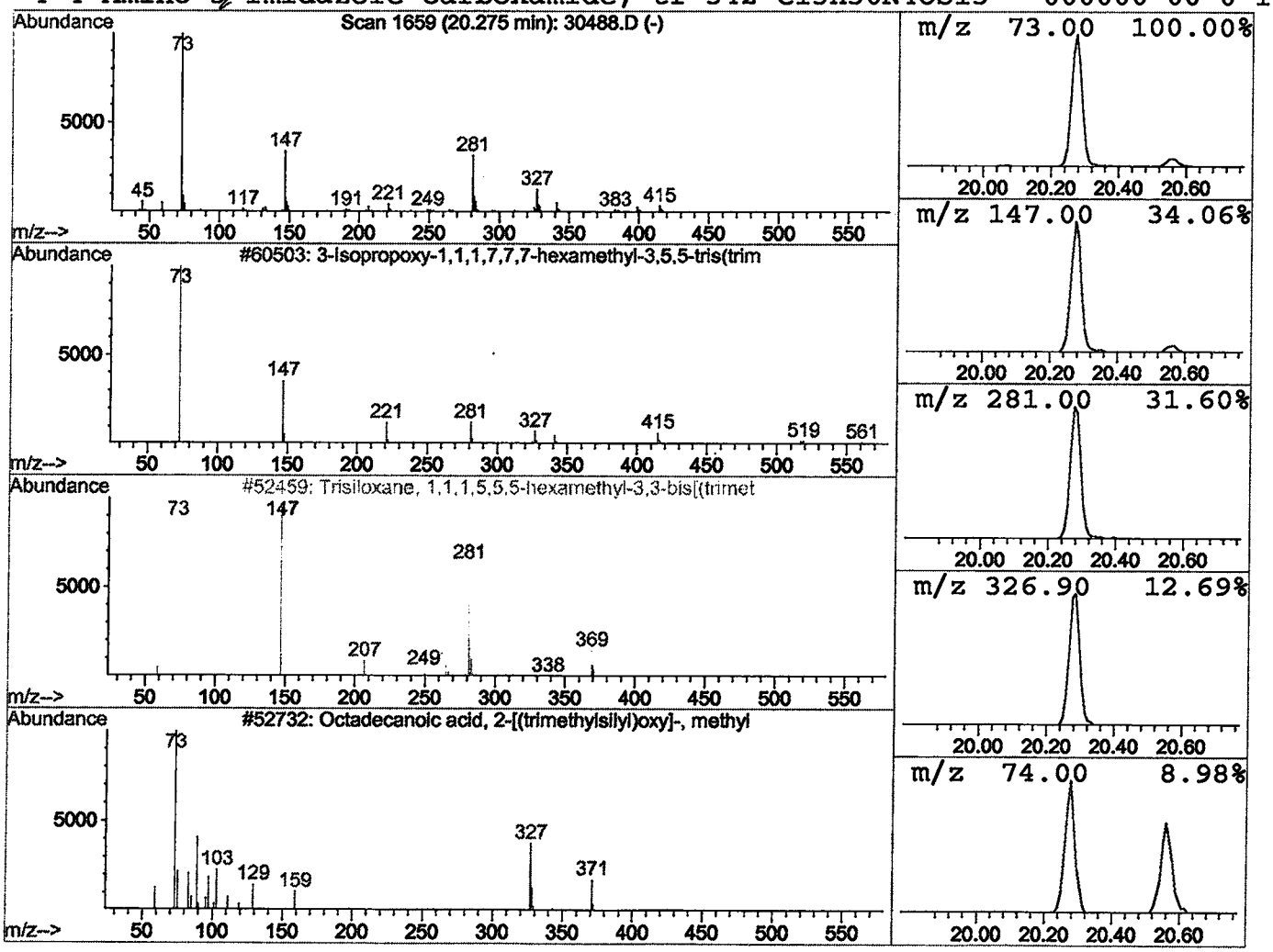
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.85 ug/l	385505	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	43
3	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	10
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	10



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Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

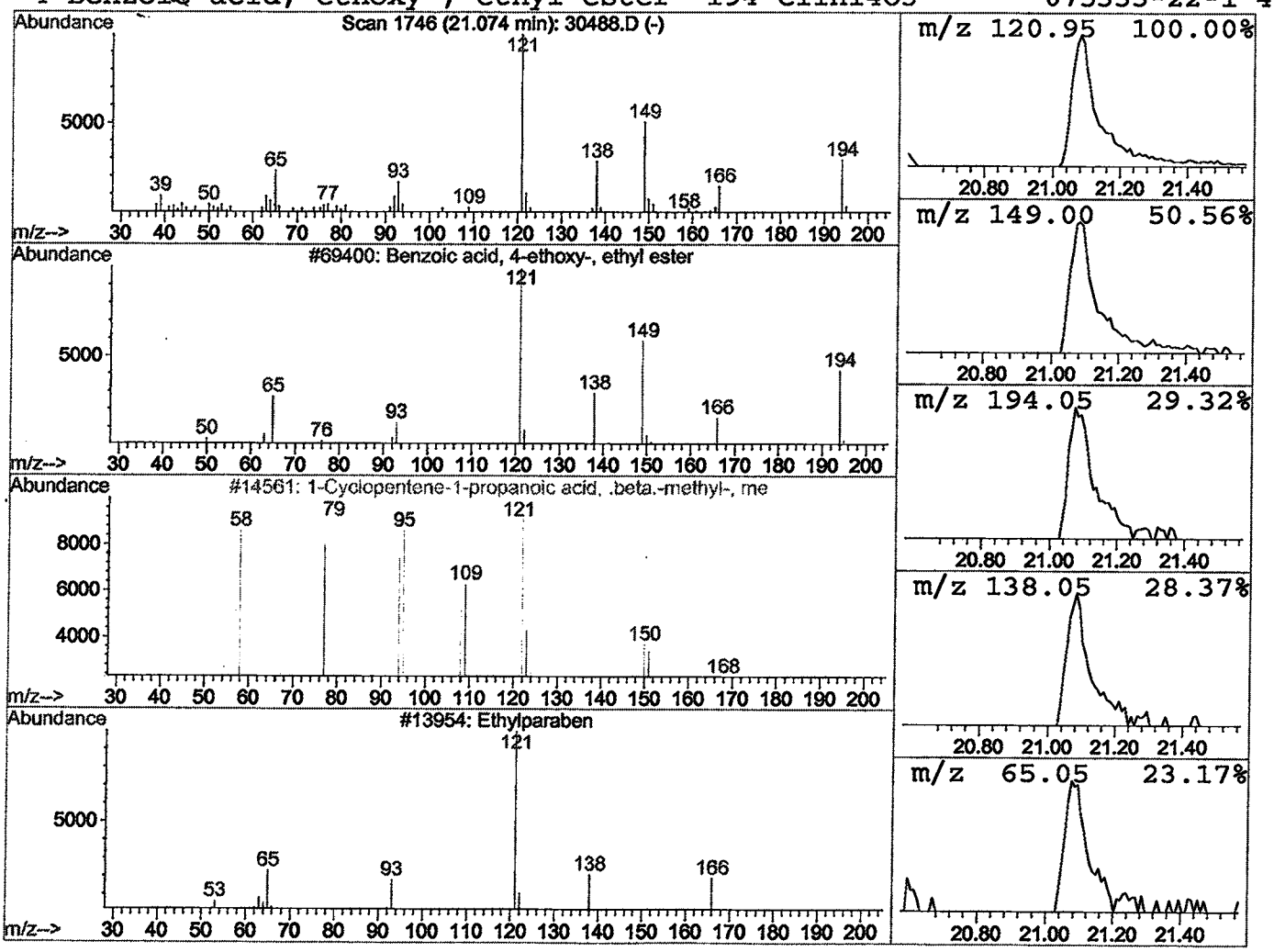
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	0.33 ug/l	148346	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	95
2	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	80
3	Ethylparaben	166	C9H10O3	000120-47-8	60
4	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	42



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30488.D Vial: 16
Acq On : 29 Dec 2001 1:48 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
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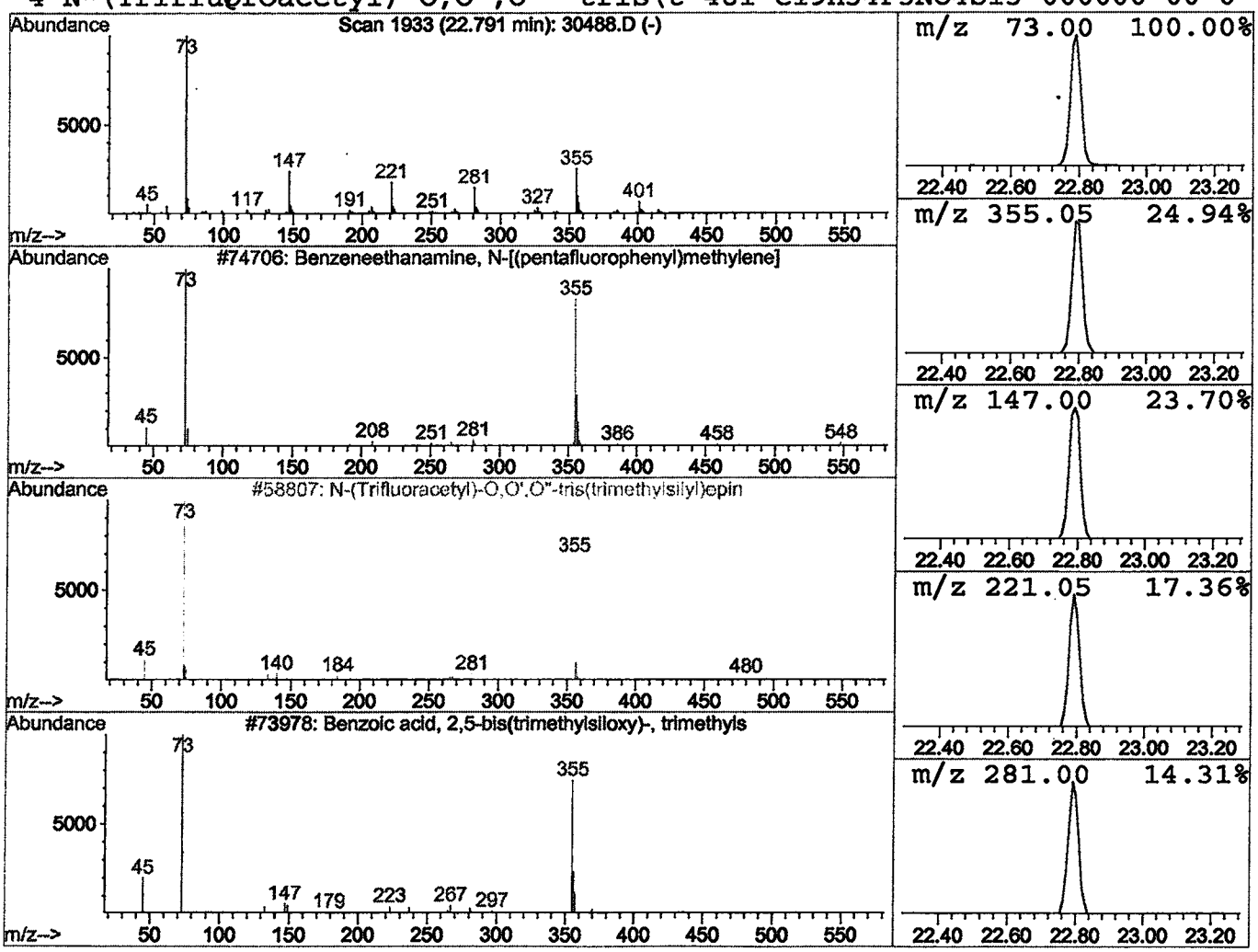
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Benzeneethanamine, N-[(pentafl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	0.51 ug/l	226797	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	46
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Dec 2001 1:48 pm
Data File: M:\INSTRU~1\209\DATA\DEC2701\30488.D
Name: GC/MS SCAN
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
N-Ethylformamide	7.62	2.9	ug/l	979567	ISTD01	11.67	6872760	20.0
2-Propanone, 1,1,1-t	7.75	0.7	ug/l	237699	ISTD01	11.67	6872760	20.0
Cyclotetrasiloxane,	11.13	0.4	ug/l	135595	ISTD01	11.67	6872760	20.0
Cyclopentasiloxane,	14.31	1.1	ug/l	480400	ISTD02	15.28	8491970	20.0
Silane, [1,2,3-benze	17.46	1.4	ug/l	601113	ISTD02	15.28	8491970	20.0
3-Isopropoxy-1,1,1,7	20.28	0.9	ug/l	385505	ISTD03	20.56	9070040	20.0
Benzoic acid, 4-etho	21.07	0.3	ug/l	148346	ISTD03	20.56	9070040	20.0
Benzeneethanamine, N	22.79	0.5	ug/l	226797	ISTD04	24.98	8842290	20.0

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edward
Leak