User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 08:44:55

Sample: AE09395
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 08:44 Ended: 5/9/02 08:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE09395 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 08:46:09

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:51 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	494795	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1831874	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	968933	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	1374563	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	886280	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	546466	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	38167	8.09	ug/L	-0.02
Spiked Amount 10.000			Recovery = 80.90%			
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	15.90	128	201	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.63	149	663	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	407	N.D.		

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:51 2002 Quant Results File: GCMS0501.RES

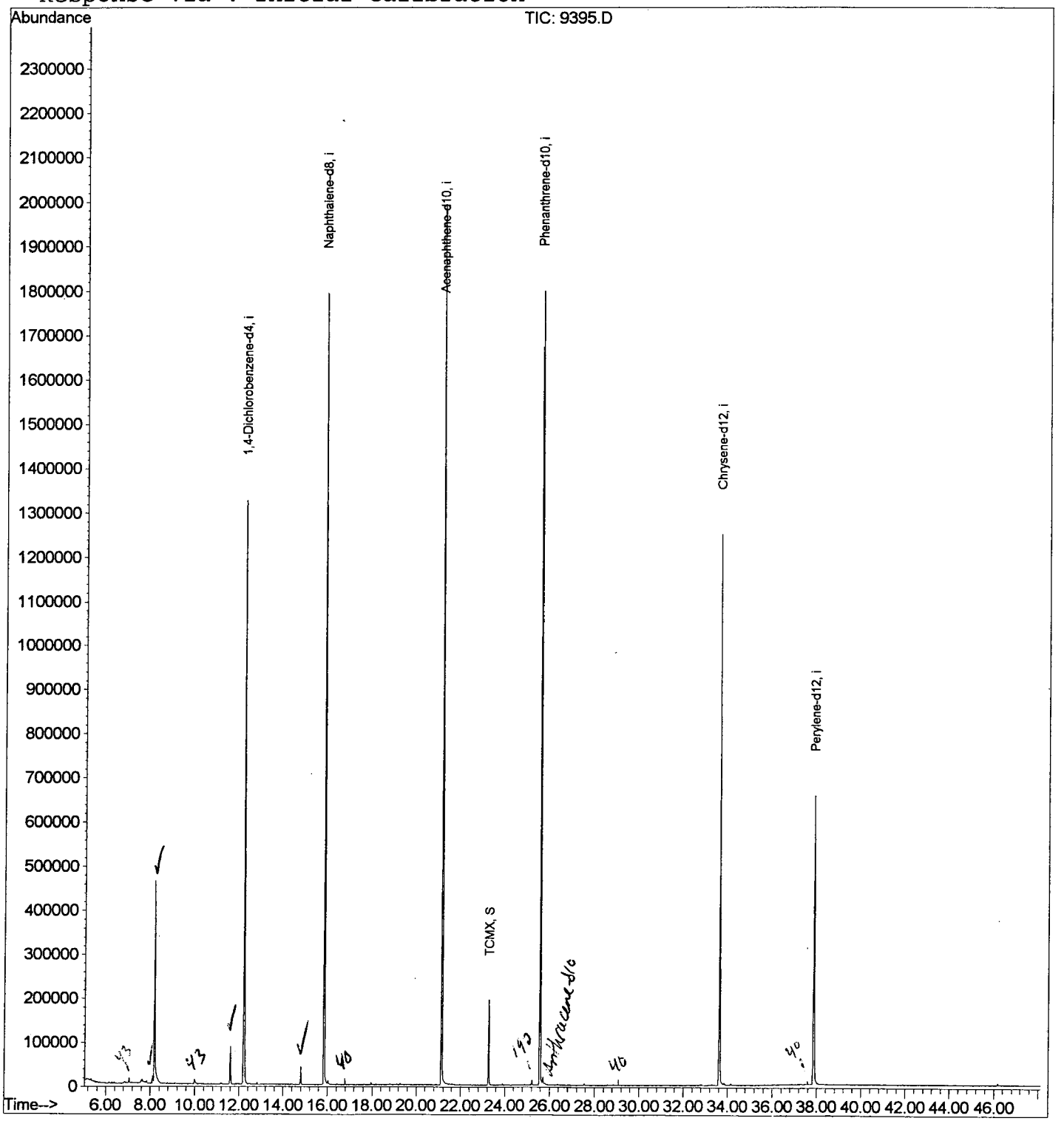
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	407	N.D.	
36)	Di-n-butylphthalate	27.55	149	3640	N.D.	
37)	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	33.64	228	2361	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	2423	N.D.	
43)	Chrysene	33.64	228	2841	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	37.87	252	2201	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

Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:51 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

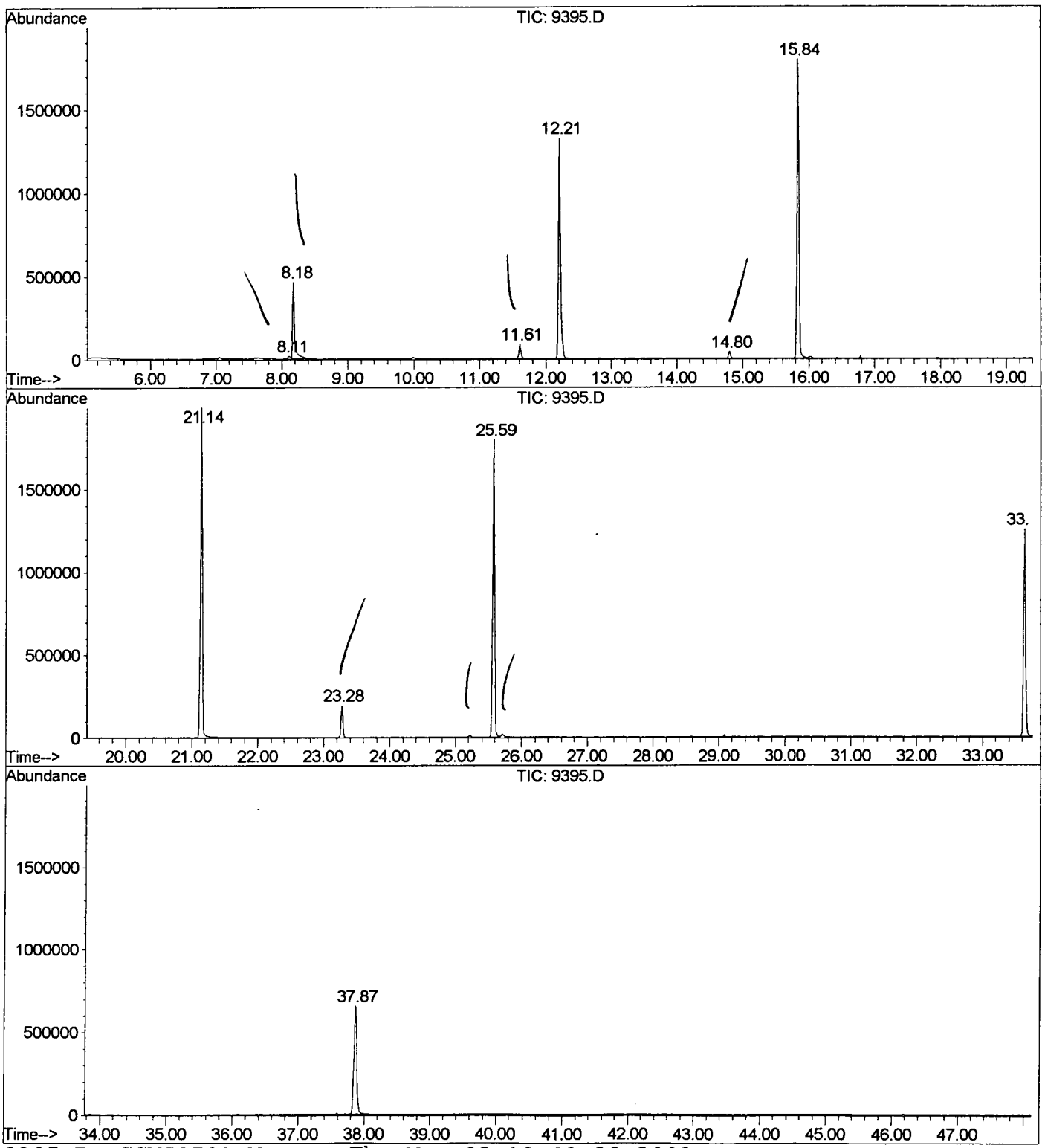
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.111	331	335	339	rBV	16646	40629	1.01%	0.195%
2	8.175	339	342	372	rVB	460602	1008600	24.95%	4.832%
3	11.612	709	717	726	rBV	85933	182920	4.53%	0.876%
4	12.207	776	782	799	rVB	1322527	2948384	72.95%	14.127%
5	14.801	1061	1065	1072	rVB	40050	79854	1.98%	0.383%
6	15.836	1172	1178	1194	rBV	1789593	3750816	92.80%	17.971%
7	21.142	1750	1757	1772	rBV	1990298	4041915	100.00%	19.366%
8	23.277	1983	1990	1997	rBV	192987	383639	9.49%	1.838%
9	25.586	2235	2242	2252	rBV2	1794721	3779768	93.51%	18.110%
10	33.641	3114	3121	3133	rBV	1248305	2708008	67.00%	12.975%
11	37.865	3574	3582	3597	rBV2	653297	1946702	48.16%	9.327%

Sum of corrected areas: 20871235

9395.D GCMS0501.M Thu May 02 12:03:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9395.D
Operator :
Acquired : 1 May 2002 7:08 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 13
Quant File :GCMS0501.RES (RTE Integrator)



9395.D GCMS0501.M Thu May 02 12:03:28 2002

Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

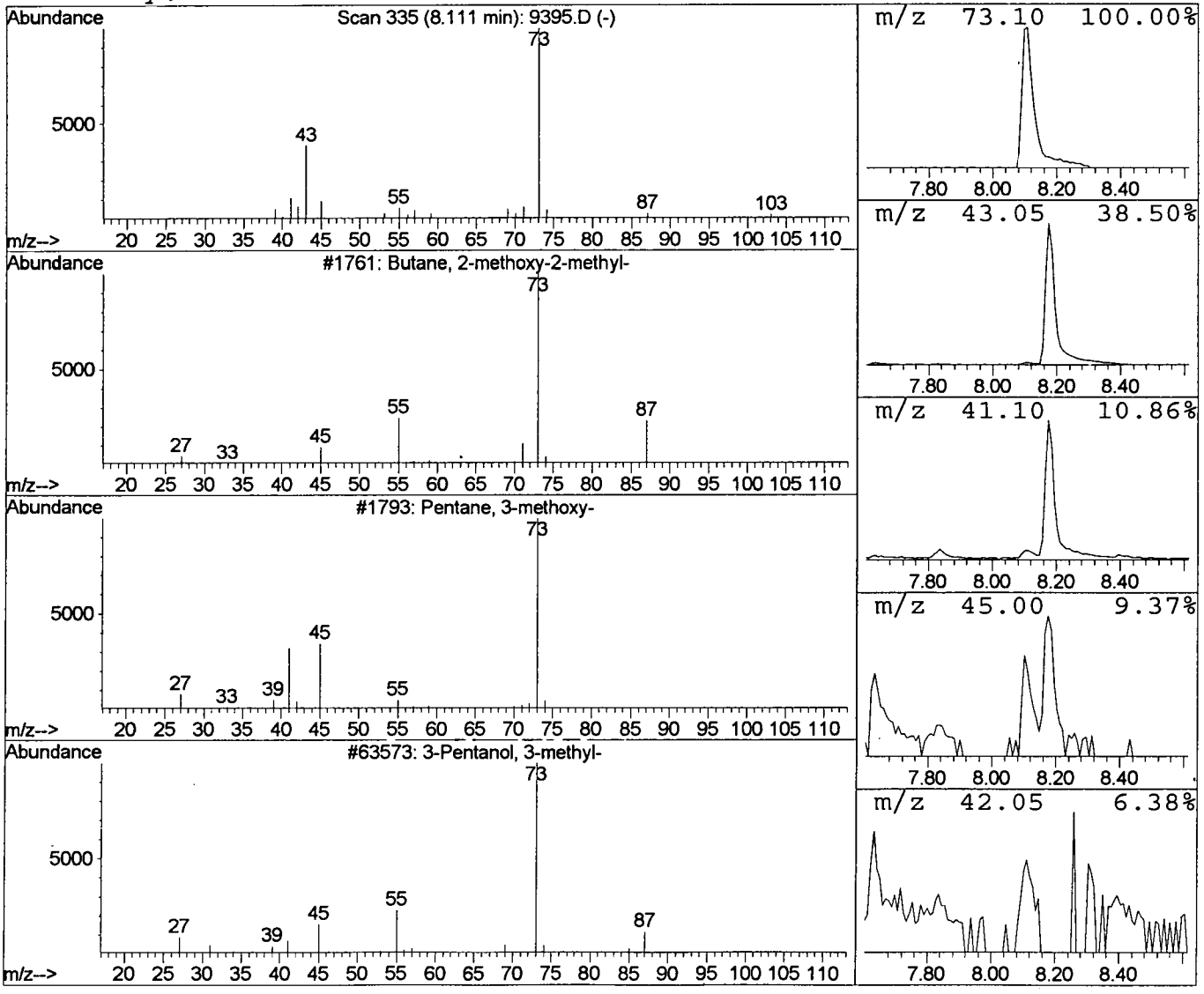
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.55 ug/l	40629	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

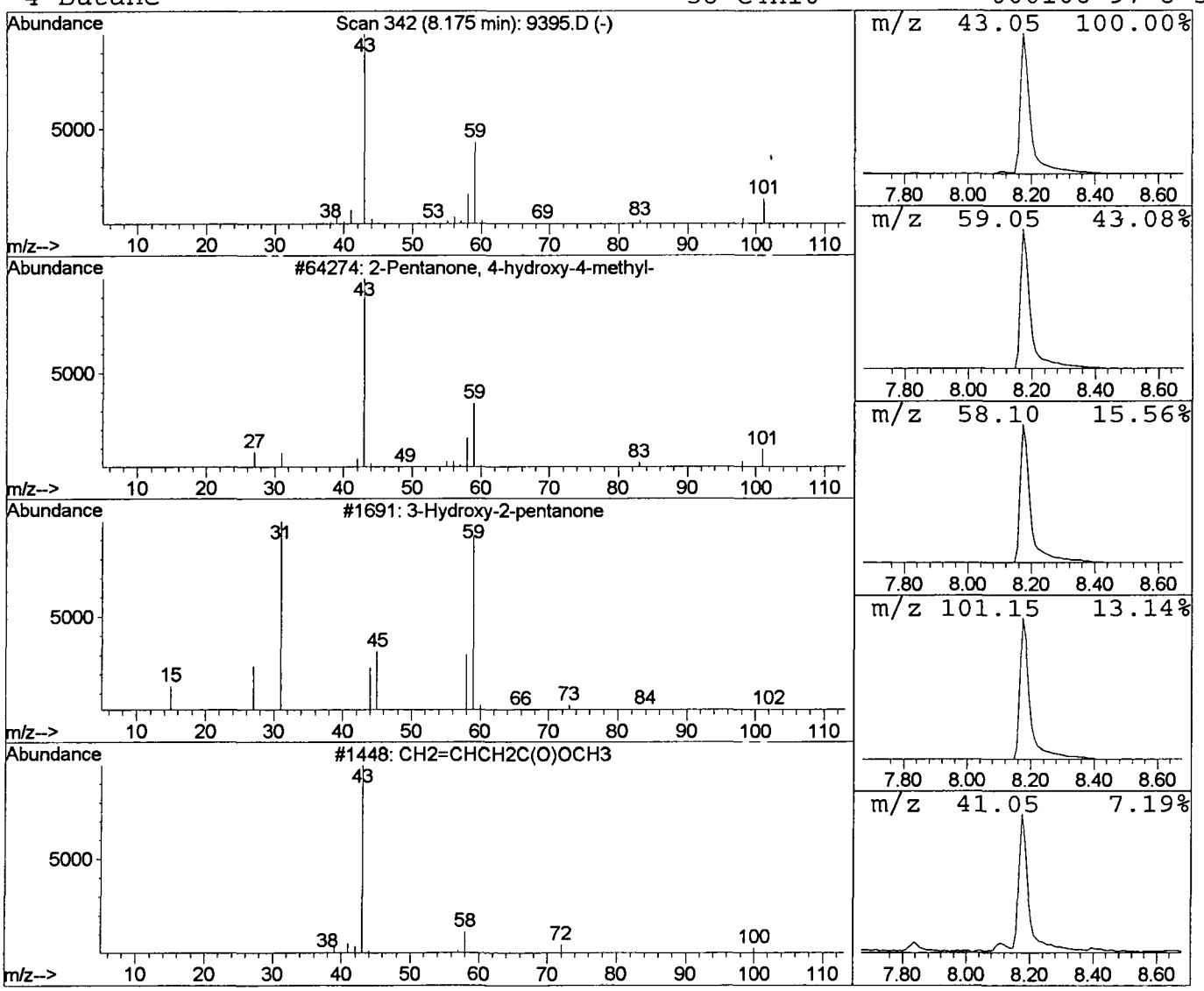
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	13.68 ug/l	1008600	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Butane	58	C4H10	000106-97-8	5



Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

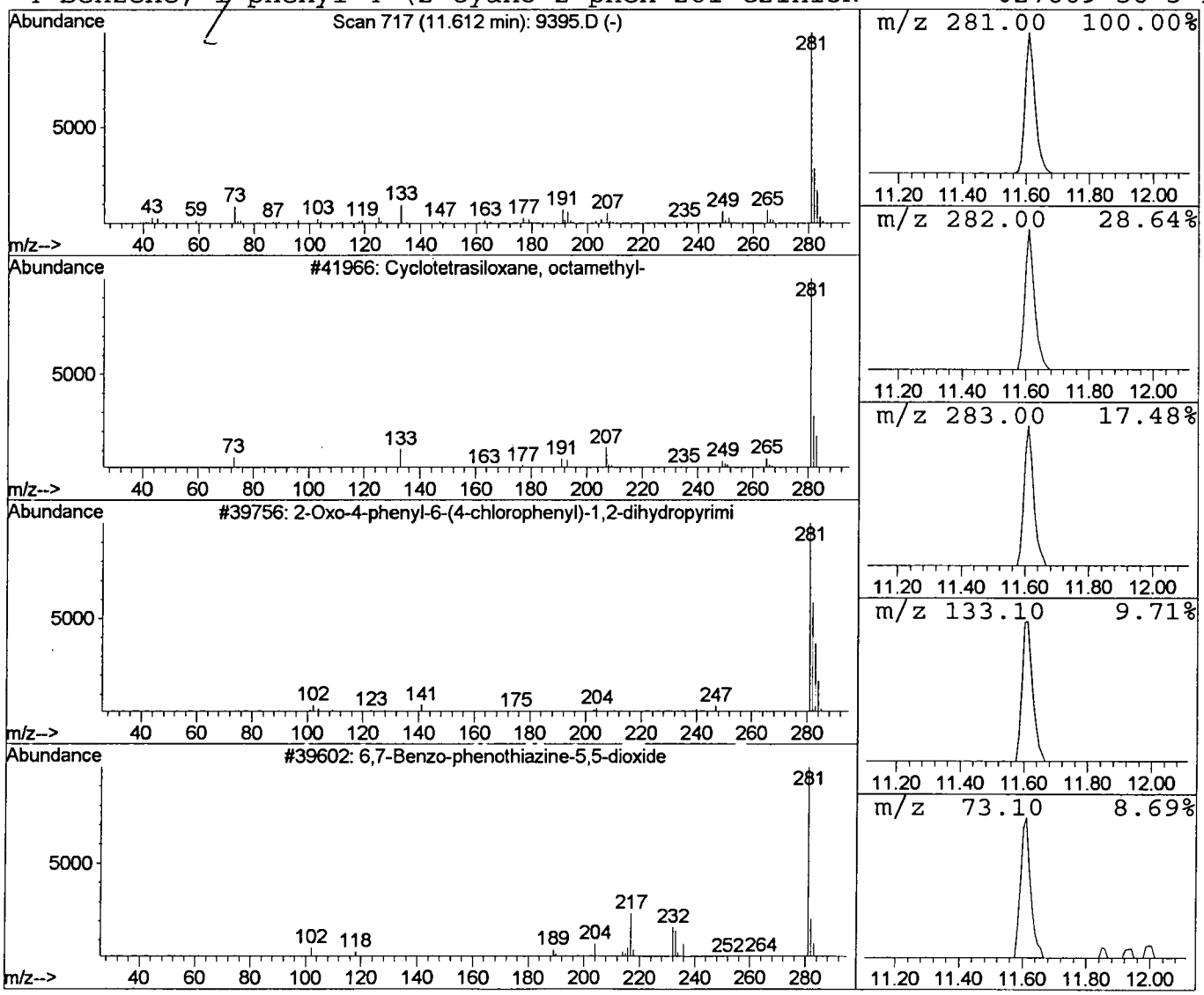
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.48 ug/l	182920	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9395.D Vial: 13
Acq On : 1 May 2002 7:08 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

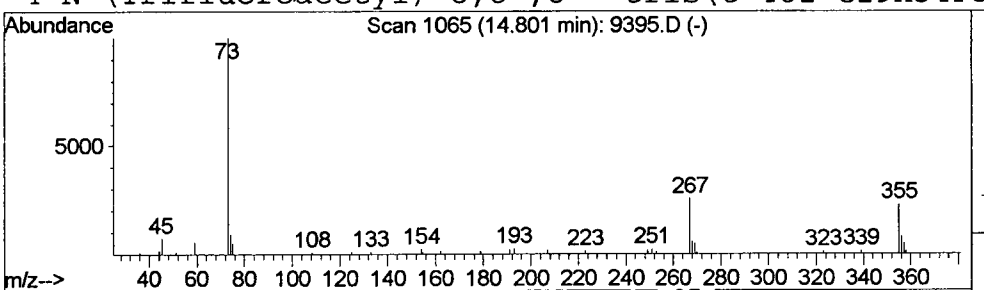
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

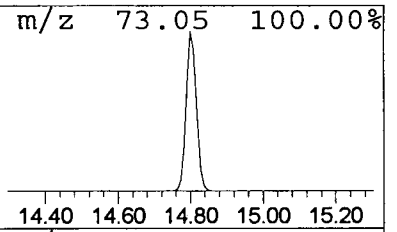
****

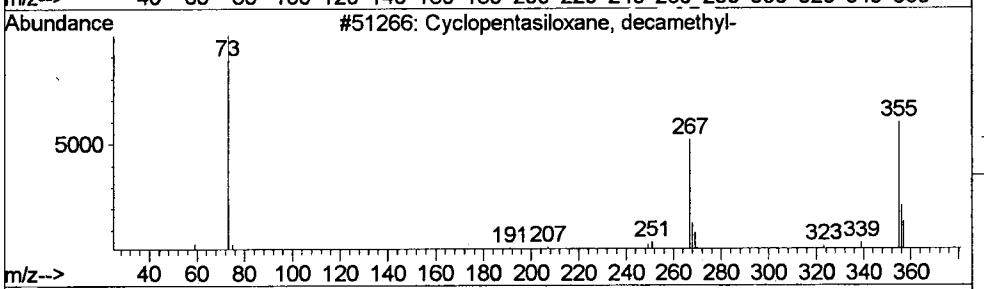
Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 3

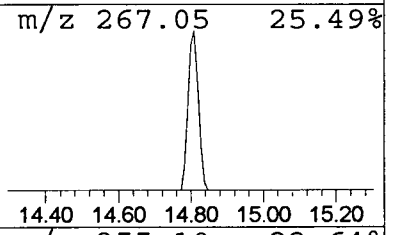
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	0.85 ug/l	79854	Naphthalene-d8	15.84

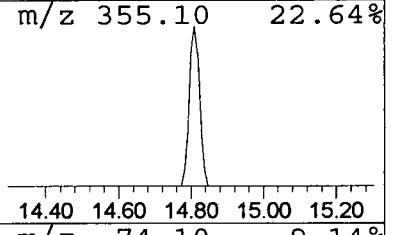
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	28

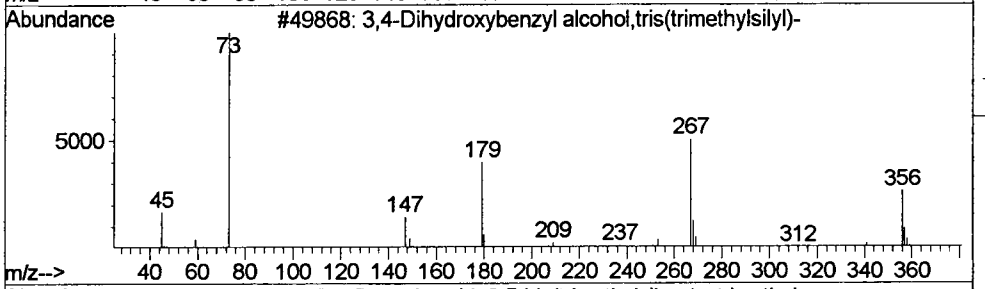


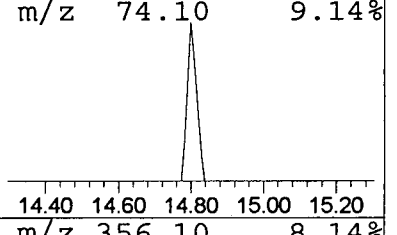


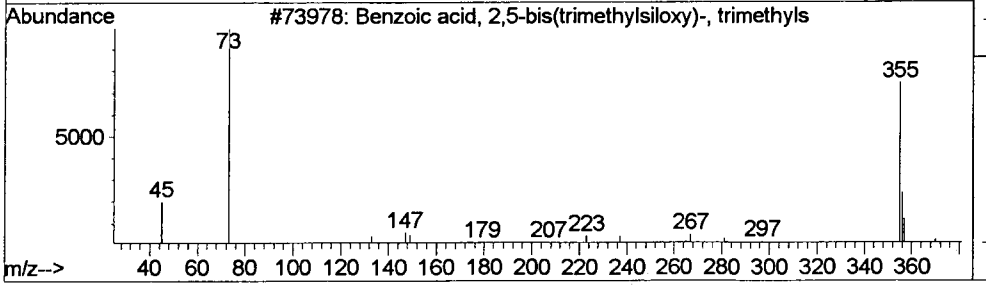


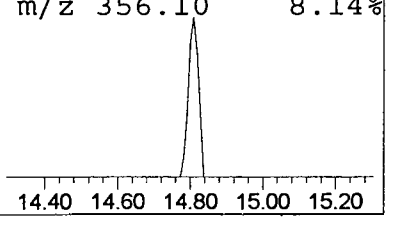












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 7:08 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9395.D
Name: gc/ms scan 4/18
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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
Butane, 2-methoxy-2-	8.11	0.6	ug/l	40629	ISTD01	12.21	2948380	40.0
2-Pentanone, 4-hydro	8.18	13.7	ug/l	1008600	ISTD01	12.21	2948380	40.0
Cyclotetrasiloxane,	11.61	2.5	ug/l	182920	ISTD01	12.21	2948380	40.0
Cyclopentasiloxane,	14.80	0.9	ug/l	79854	ISTD02	15.84	3750820	40.0

9395.D GCMS0501.M Thu May 02 12:03:32 2002