

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 10:59:37

Sample: AE12280
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 10:59 Ended: 6/3/02 10:59 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Quantity	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE12280 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-03-2002 Time: 11:00:08

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\MAY2902\12280.D
 Acq On : 30 May 2002 6:59 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 10:33 2002

Vial: 21
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue May 28 08:55:48 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	546212	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2184839	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1054329	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1631009	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	969792	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	626222	40.00	ug/l	-0.15

System Monitoring Compounds

28) TCMX	23.13	209	212602	29.21	ug/L	-0.10
Spiked Amount	40.000		Recovery	=	73.03%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	12.07	146	441	N.D.	
5) 1,4-Dichlorobenzene	12.07	146	441	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-Nitrosodi-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	15.75	128	215	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	21.29	165	183	N.D.	
25) Diethylphthalate	22.48	149	648	N.D.	
26) 4-Chlorophenylphenylether	23.13	204	1417	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.13	168	753	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.43	178	950	N.D.	

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

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Quantitation Report (QT Reviewed)

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Acq On : 30 May 2002 6:59 am
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Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 10:33 2002

Vial: 21
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Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.49	178	210	N.D.	
36) Di-n-butylphthalate	27.41	149	40891	0.76 ug/l	97
37) Fluoranthene	29.11	202	222	N.D.	
39) Pyrene	29.79	202	289	N.D.	
40) Butylbenzylphthalate	31.93	149	410	N.D.	
41) Benzo(a)anthracene	33.47	228	2932	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	8213	0.34 ug/l #	96
43) Chrysene	33.54	228	903	N.D.	
45) Di-n-Octylphthalate	35.45	149	1252	N.D.	
46) Benzo(b)fluoranthene	36.52	252	1154	N.D.	
47) Benzo(k)fluoranthene	36.52	252	2463	N.D.	
48) Benzo(a)pyrene	37.46	252	413	N.D.	
49) Indeno(1,2,3-cd)pyrene	41.64	276	182	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	42.82	276	293	N.D.	

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

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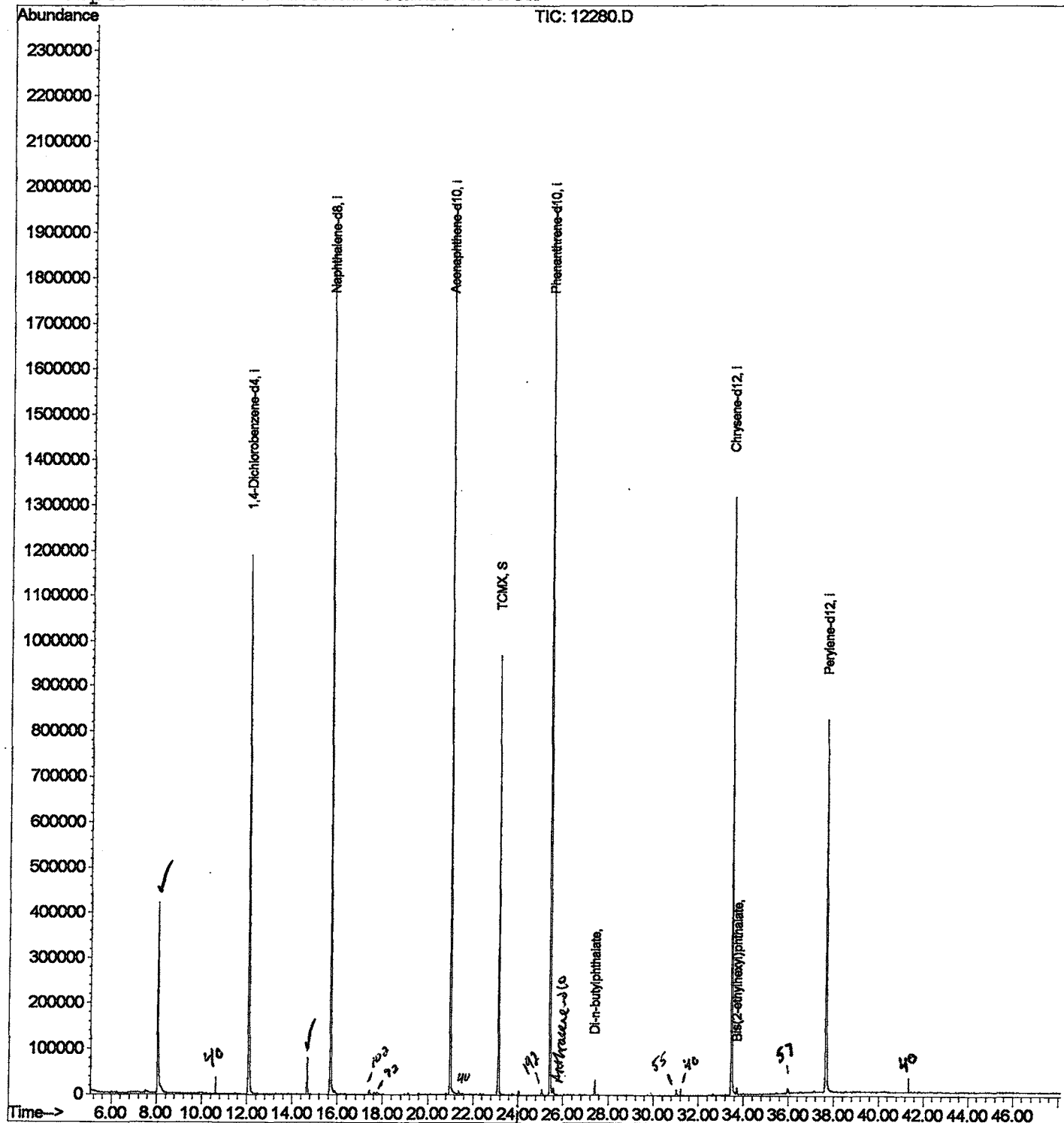
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12280.D
Acq On : 30 May 2002 6:59 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 10:33 2002

Vial: 21
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



12280.D GCMS0528.M

Thu May 30 10:34:02 2002

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12280.D

Vial: 21

Acq On : 30 May 2002 6:59 am

Operator: Morgan

Sample : gc/ms scan 5/23

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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	8.050	323	327	353	rBV	417804	1067733	25.45%	4.457%
2	12.071	759	765	783	rBV	1189004	2947292	70.24%	12.302%
3	14.678	1044	1049	1058	rVB	79255	158552	3.78%	0.662%
4	15.697	1154	1160	1176	rBV	1869677	4016546	95.72%	16.765%
5	20.994	1730	1737	1749	rBV	1958750	4152744	98.96%	17.333%
6	23.133	1961	1970	1980	rBV	967457	1980649	47.20%	8.267%
7	25.428	2213	2220	2230	rBV2	1961789	4196175	100.00%	17.514%
8	27.411	2431	2436	2440	rBV	32859	67468	1.61%	0.282%
9	33.470	3089	3096	3112	rBV2	1315423	3055615	72.82%	12.754%
10	37.656	3544	3552	3567	rBV	816943	2315590	55.18%	9.665%

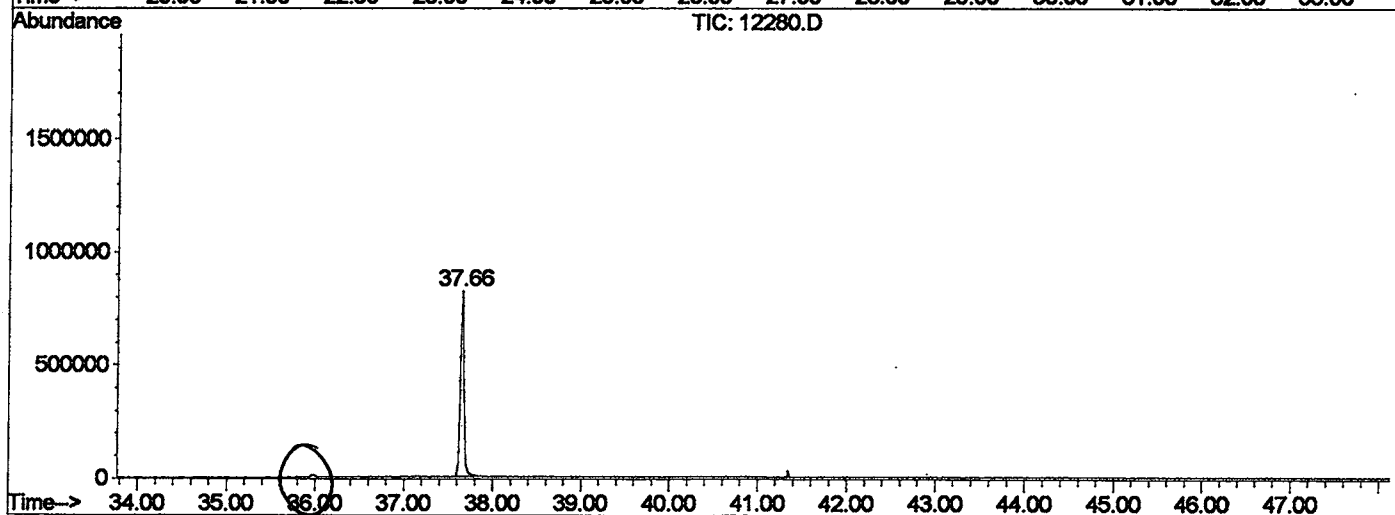
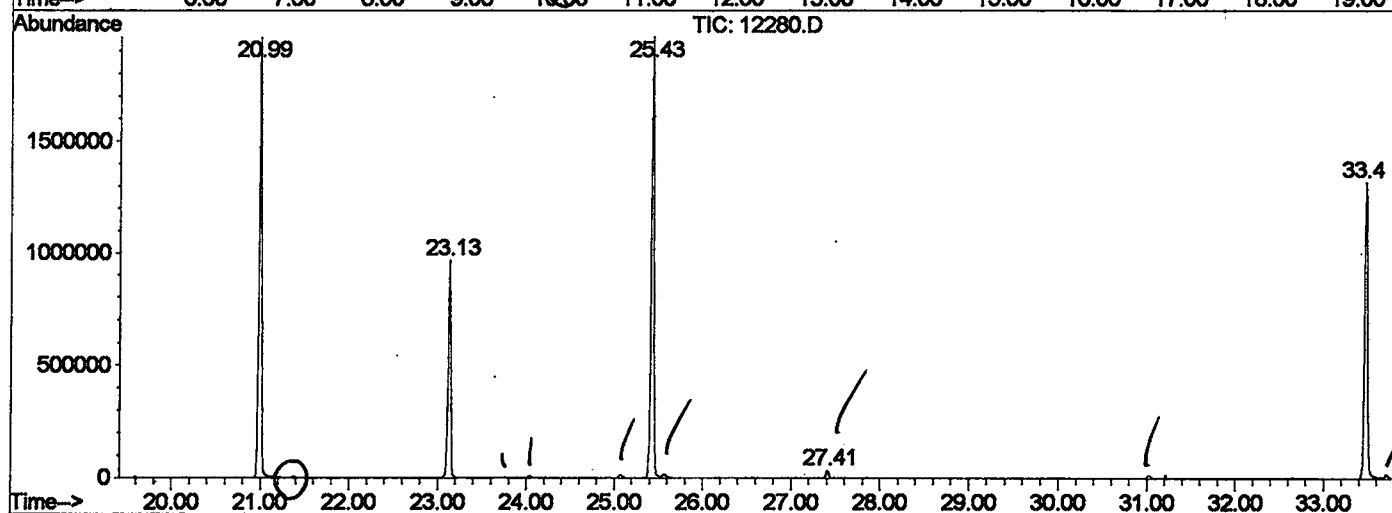
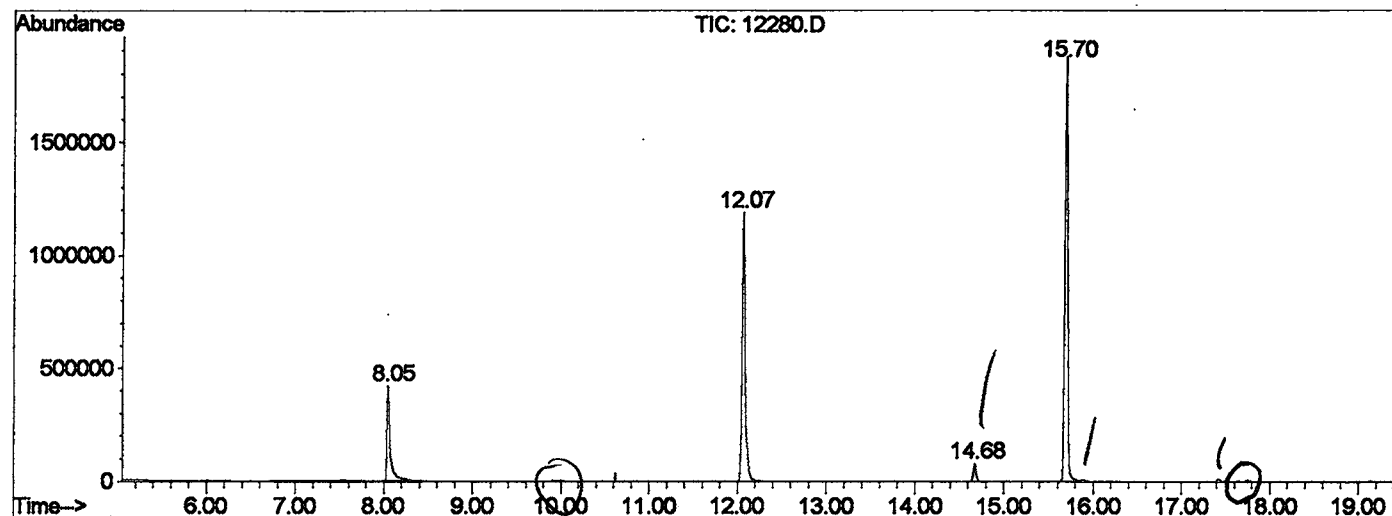
Sum of corrected areas: 23958364

12280.D GCMS0528.M

Thu May 30 10:39:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12280.D
 Operator : Morgan
 Acquired : 30 May 2002 6:59 am using AcqMethod GCMS0528
 Instrument : 209
 Sample Name: gc/ms scan 5/23
 Misc Info :
 Vial Number: 21
 Quant File :GCMS0528.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12280.D
 Acq On : 30 May 2002 6:59 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: LSCINT.P

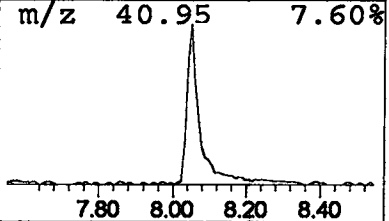
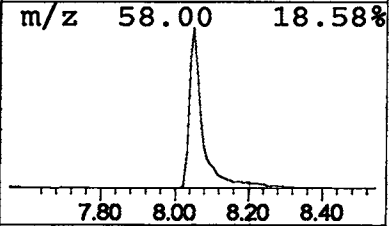
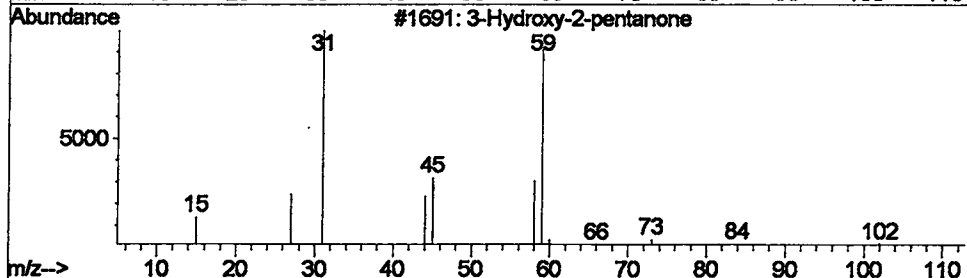
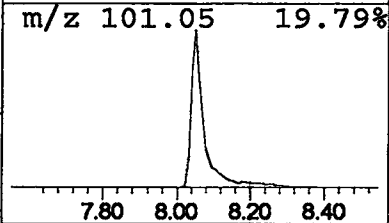
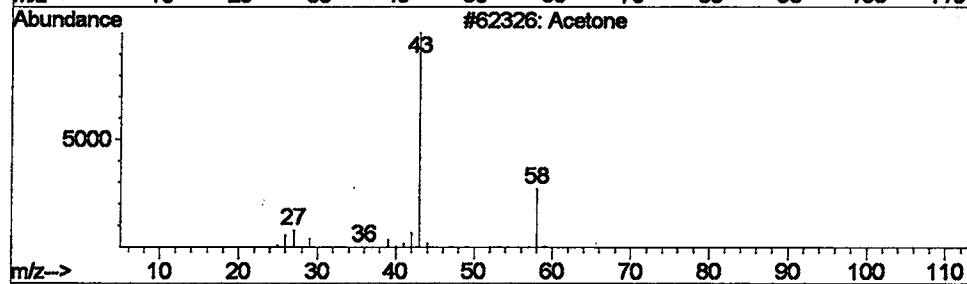
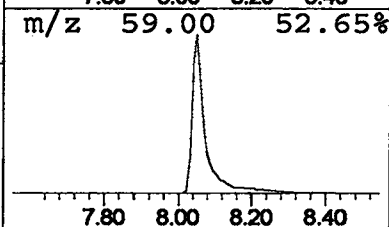
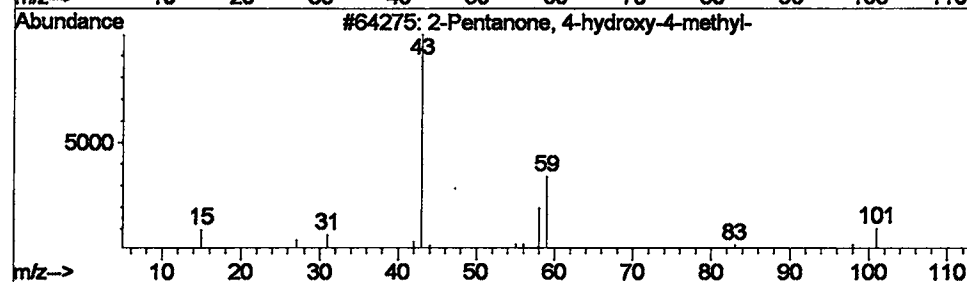
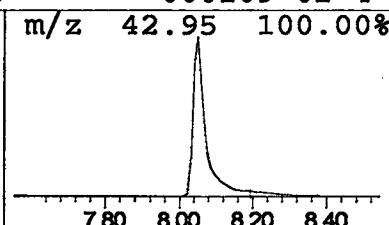
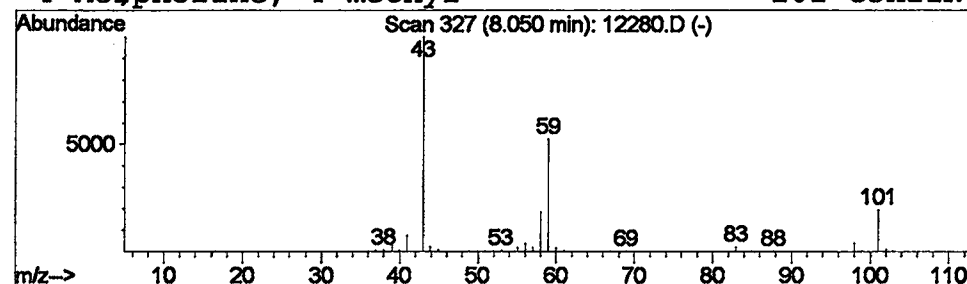
Vial: 21
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	14.49 ug/l	1067730	1,4-Dichlorobenzene-d4	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
2	Acetone	58	C3H6O	000067-64-1	9		
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12280.D
Acq On : 30 May 2002 6:59 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

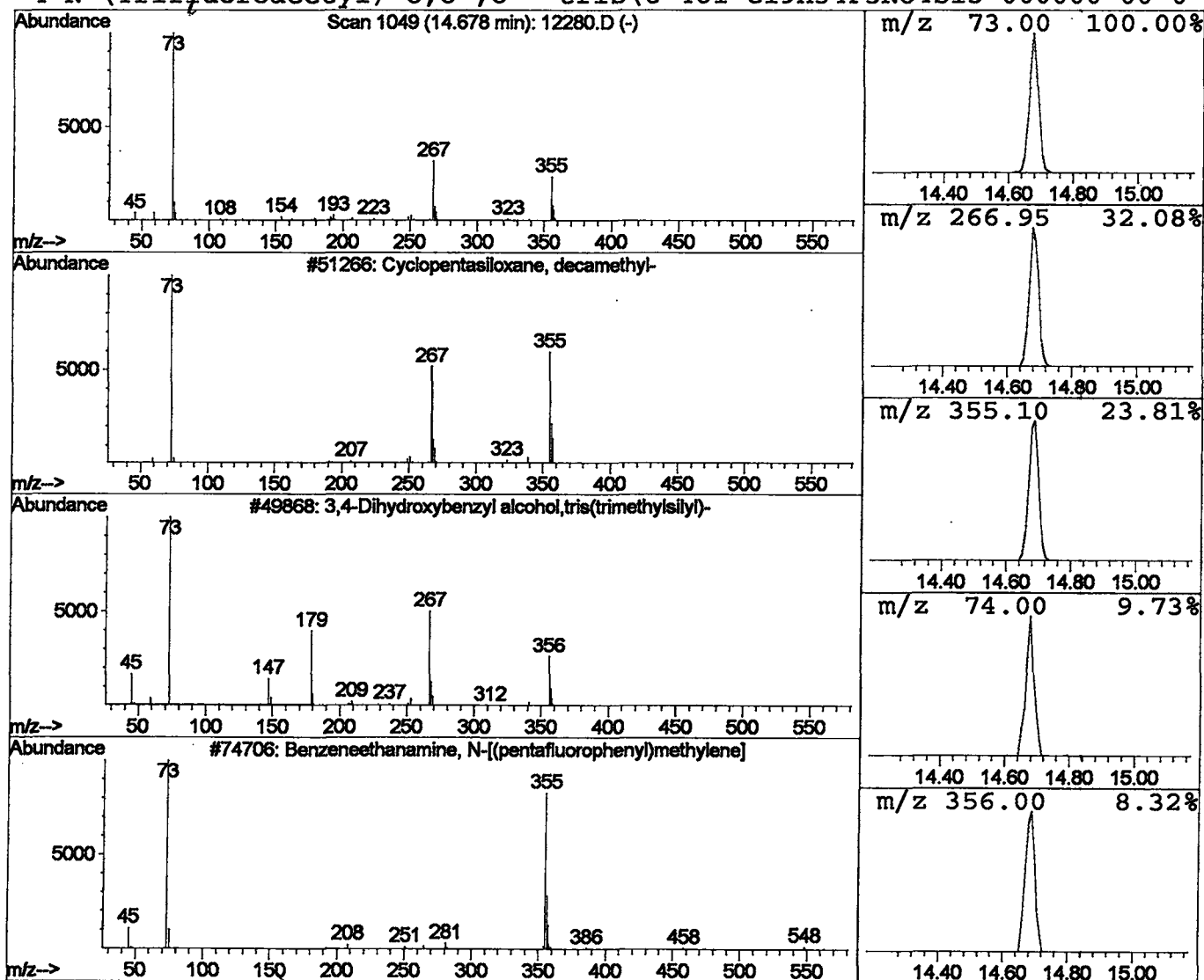
Vial: 21
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	1.58 ug/l	158552	Naphthalene-d8	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2			3,4-Dihydroxybenzyl alcohol, tris(tr	356	C16H32O3Si3	068595-79-9	37
3			Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4			N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 6:59 am
Data File: C:\HPCHEM\1\DATA\MAY2902\12280.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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
2-Pentanone, 4-hydro	8.05	14.5	ug/l	1067730	ISTD01	12.07	2947290	40.0
Cyclopentasiloxane,	14.68	1.6	ug/l	158552	ISTD02	15.70	4016550	40.0

12280.D GCMS0528.M Thu May 30 10:39:05 2002