

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 10:56:29

Sample: AE12278
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 10:55 Ended: 6/3/02 10:55 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE12278 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-03-2002 Time: 10:57:30

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\12278.D
 Acq On : 30 May 2002 5:00 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 10:31 2002

Vial: 19
 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	557907	40.00	ug/l	-0.08
10) Naphthalene-d8	15.70	136	2236378	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1071938	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1619755m	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	933482	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	602319	40.00	ug/l	-0.15

System Monitoring Compounds

28) TCMX	23.13	209	227773	30.78	ug/L	-0.10
Spiked Amount	40.000		Recovery	=	76.95%	

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	11.98	146	502	N.D.	
5) 1,4-Dichlorobenzene	12.06	146	1089	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	13.47	117	263	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	15.59	180	219	N.D.	
15) Naphthalene	15.75	128	1045	N.D.	
16) Hexachlorobutadiene	16.30	225	410	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	22.48	149	1655	N.D.	
26) 4-Chlorophenylphenylether	23.13	204	1420	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	0.00	178	0	N.D.	d

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12278.D
Acq On : 30 May 2002 5:00 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 10:31 2002

Vial: 19
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

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	0.00	178	0	N.D.	d	
36) Di-n-butylphthalate	27.41	149	42445m	0.80	ug/l	
37) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	31.93	149	432	N.D.		
41) Benzo(a)anthracene	33.48	228	3120	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.71	149	3806	N.D.		
43) Chrysene	33.54	228	1137	N.D.		
45) Di-n-Octylphthalate	35.44	149	752	N.D.		
46) Benzo(b)fluoranthene	36.52	252	918	N.D.		
47) Benzo(k)fluoranthene	36.57	252	1472	N.D.		
48) Benzo(a)pyrene	37.48	252	521	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	42.80	276	169	N.D.		

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

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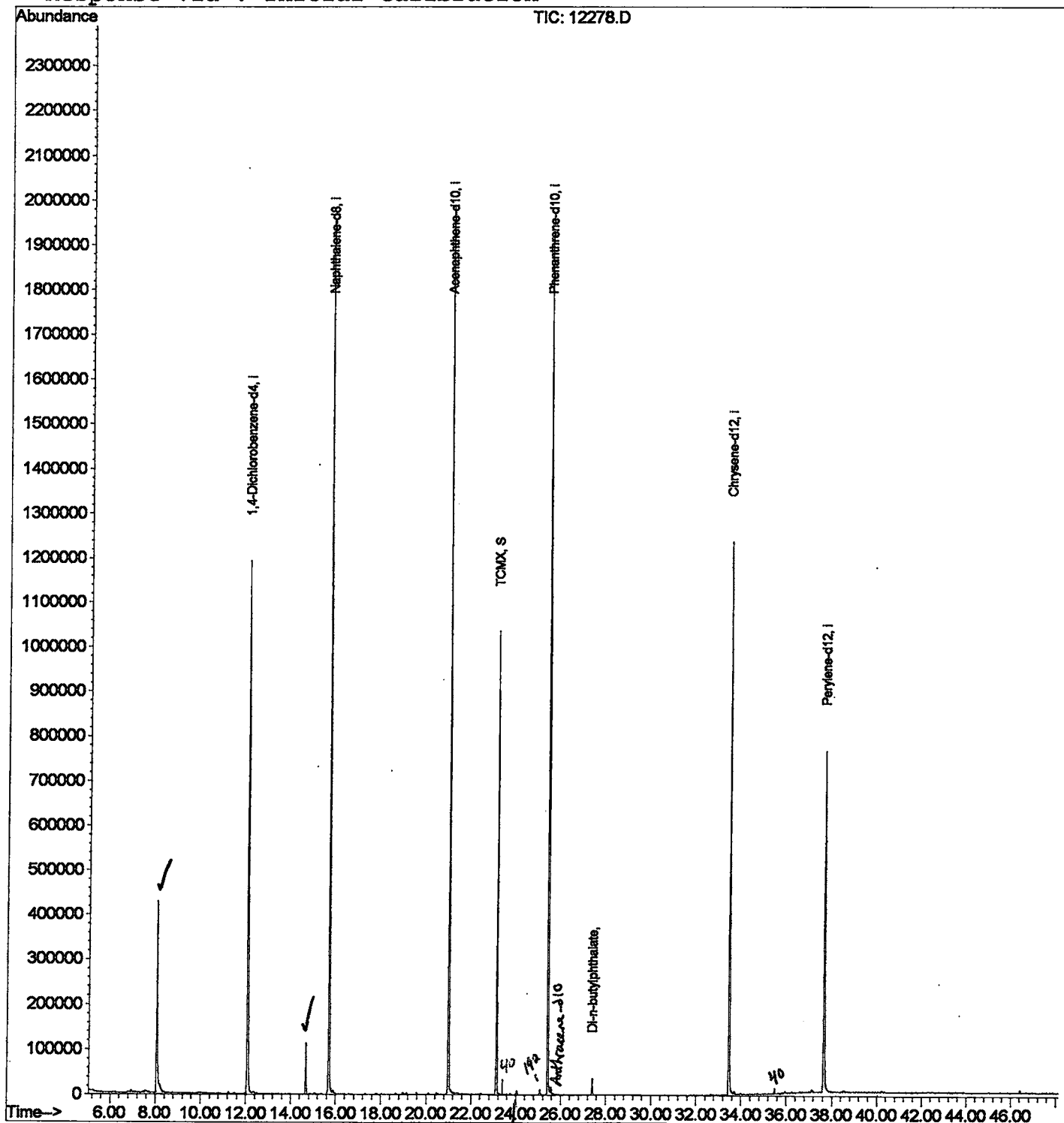
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12278.D
Acq On : 30 May 2002 5:00 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 10:31 2002

Vial: 19
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12278.D

Acq On : 30 May 2002 5:00 am

Sample : gc/ms scan 5/23

Misc :

MS Integration Params: LSCINT.P

Vial: 19

Operator: Morgan

Inst : 209

Multiplr: 1.00

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	8.049	324	327	339	rBV	427268	1075045	25.45%	4.426%
2	12.070	759	765	781	rBV	1193086	3069473	72.66%	12.638%
3	14.677	1044	1049	1055	rBV	112785	222821	5.27%	0.917%
4	15.696	1154	1160	1173	rBV	1953415	4127445	97.71%	16.994%
5	20.993	1730	1737	1750	rBV	1988875	4224372	100.00%	17.393%
6	23.132	1961	1970	1978	rBV	1035325	2122831	50.25%	8.740%
7	25.428	2213	2220	2231	rBV2	1920392	4196176	99.33%	17.277%
8	27.410	2431	2436	2444	rBV	35659	71874	1.70%	0.296%
9	33.469	3089	3096	3108	rBV2	1237197	2937029	69.53%	12.093%
10	37.656	3543	3552	3569	rBV2	759792	2240371	53.03%	9.224%

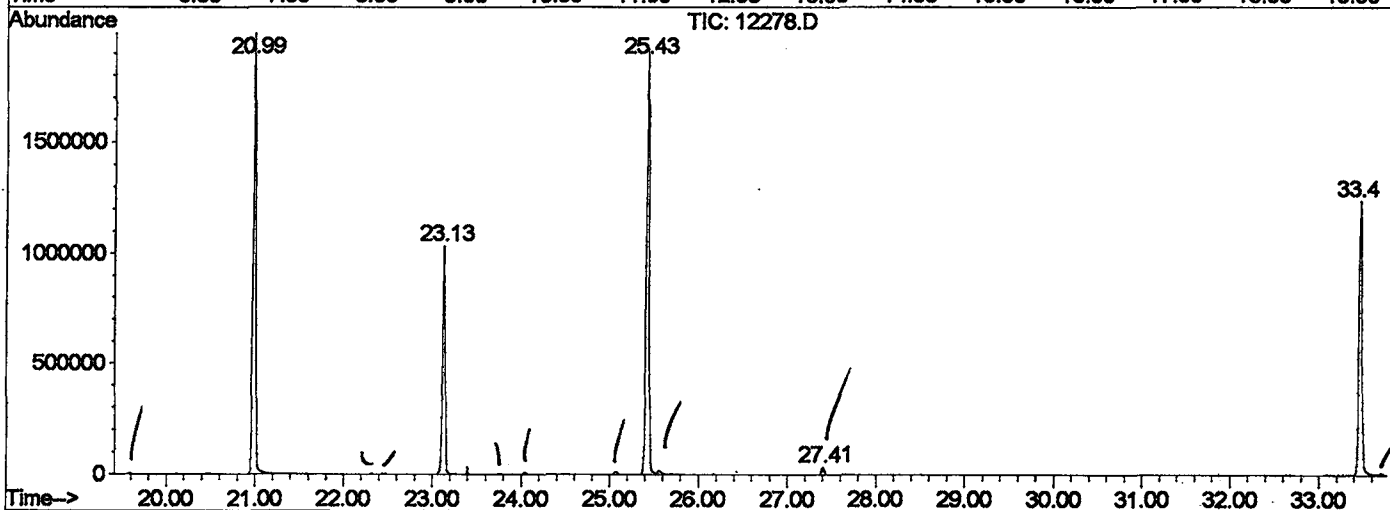
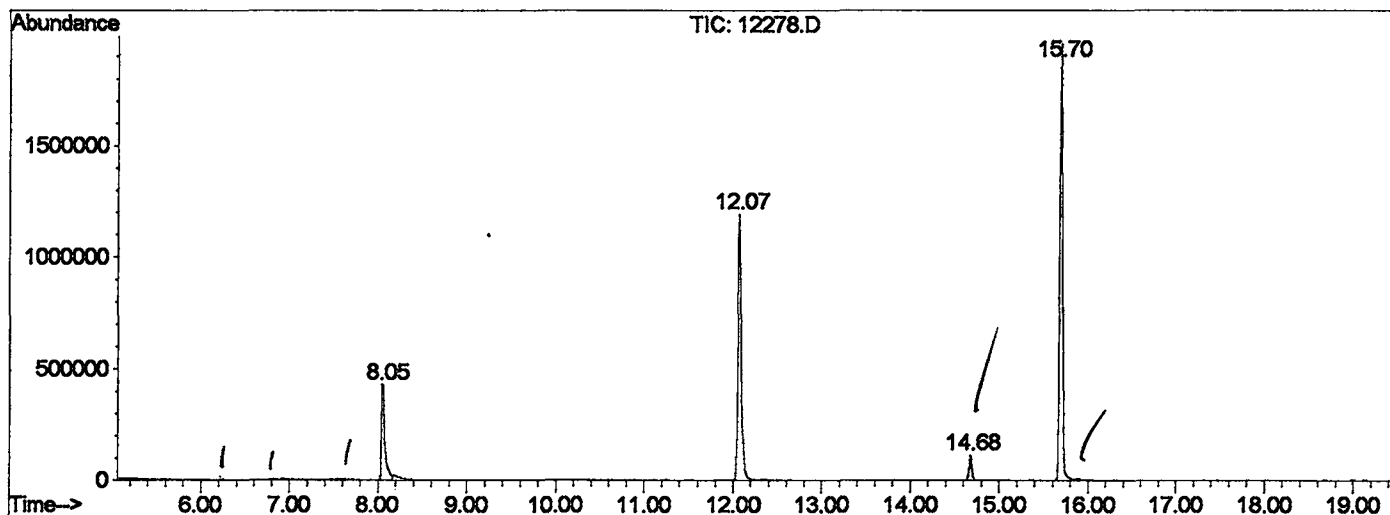
Sum of corrected areas: 24287437

12278.D GCMS0528.M

Thu May 30 10:38:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12278.D
 Operator : Morgan
 Acquired : 30 May 2002 5:00 am using AcqMethod GCMS0528
 Instrument : 209
 Sample Name: gc/ms scan 5/23
 Misc Info :
 Vial Number: 19
 Quant File :GCMS0528.RES (RTE Integrator)



Abundance

TIC: 12278.D

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12278.D
Acq On : 30 May 2002 5:00 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

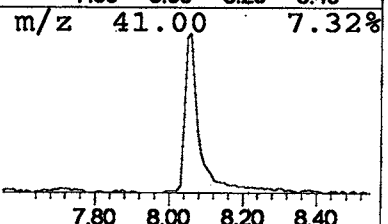
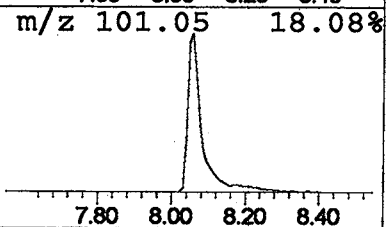
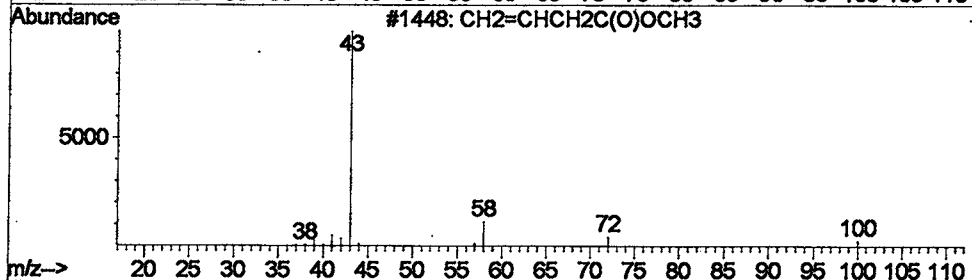
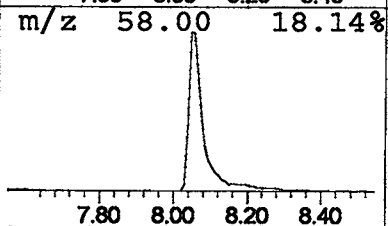
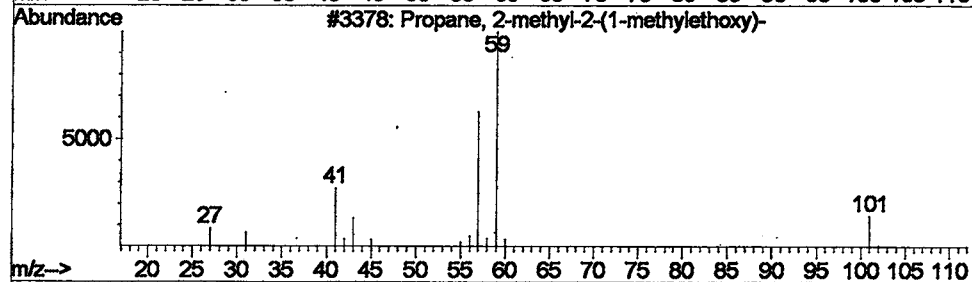
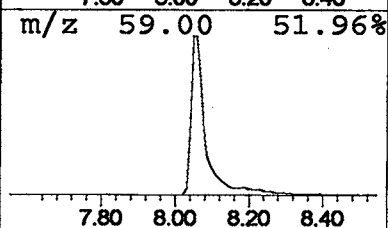
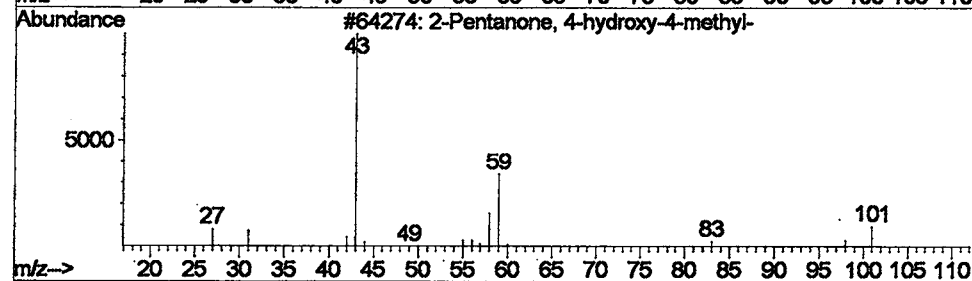
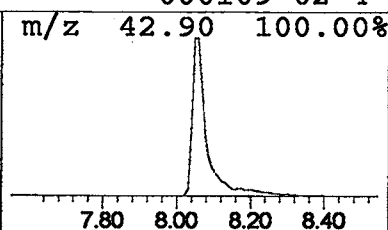
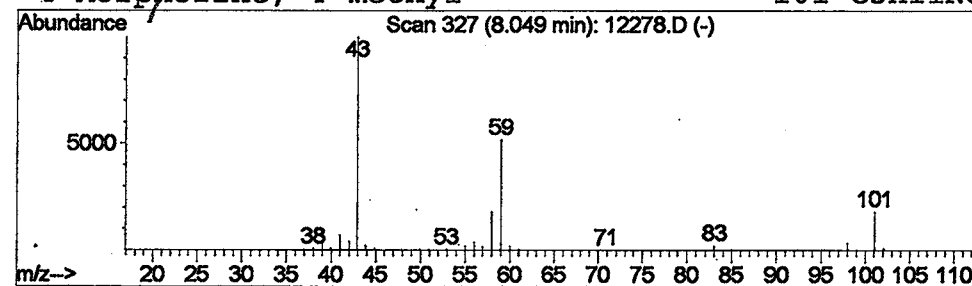
Vial: 19
Operator: Morgan
Inst : 209
Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	14.01 ug/l	1075050	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	59	
2	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	33	
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12278.D
 Acq On : 30 May 2002 5:00 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: LSCINT.P

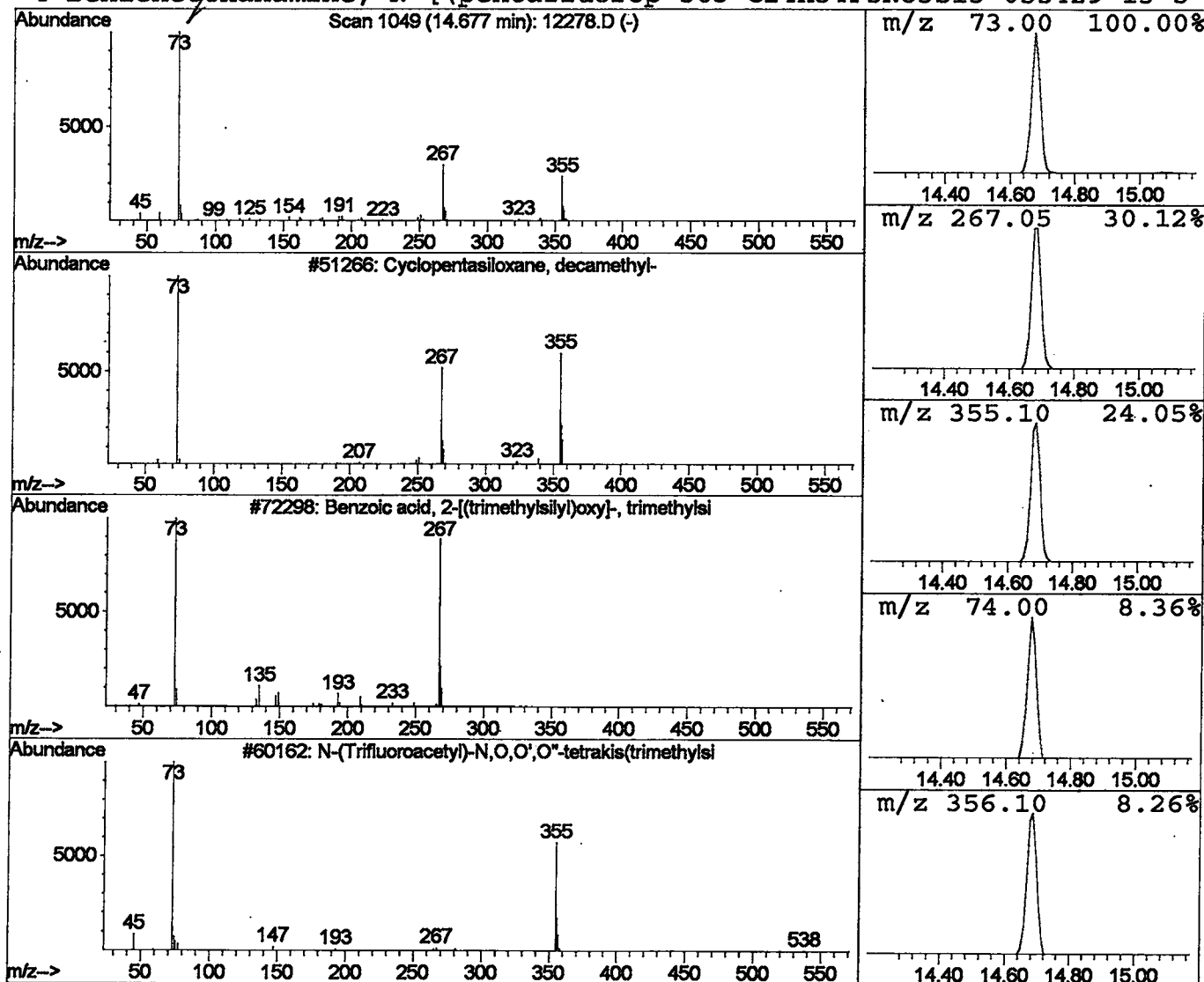
Vial: 19
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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	2.16 ug/l	222821	Naphthalene-d8	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2			Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
3			N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4			Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 5:00 am
 Data File: C:\HPCHEM\1\DATA\MAY2902\12278.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	14.0	ug/l	1075050	ISTD01	12.07	3069470	40.0
Cyclopentasiloxane,	14.68	2.2	ug/l	222821	ISTD02	15.70	4127450	40.0

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