User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 11:59:07

Sample: AE03389
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 11:58 Ended: 3/12/02 11:58 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 AE03389 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 11:59:14

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Data File : C:\HPCHEM\1\DATA\FEB2102\3389.D Vial: 51
Acq On : 23 Feb 2002 6:21 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:25 2002 Quant Results File: GCMS0208.RES

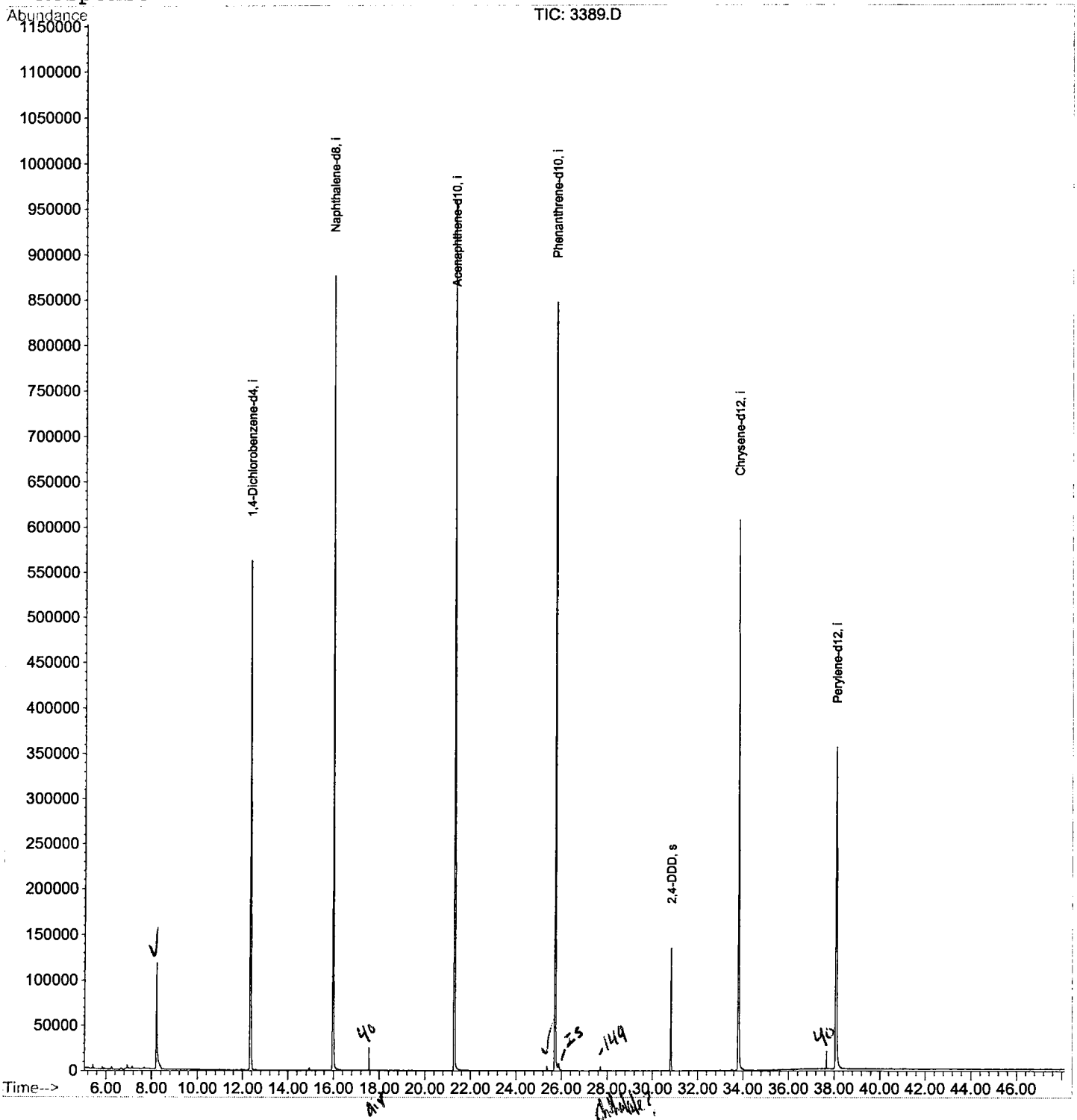
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	241323	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	929161	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	490954	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	694244	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	472549	20.00	ug/l	-0.05
44) Perylene-d12	38.09	264	316675	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	50892	~~7.02~~ 4.19	ug/mL	0.32
Spiked Amount 5.000			Recovery =	~~140.40%~~ 84%		
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	0.00	128	0	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.77	149	237	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

Data File : C:\HPCHEM\1\DATA\FEB2102\3389.D Vial: 51
Acq On : 23 Feb 2002 6:21 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:25 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2102\3389.D Vial: 51
Acq On : 23 Feb 2002 6:21 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

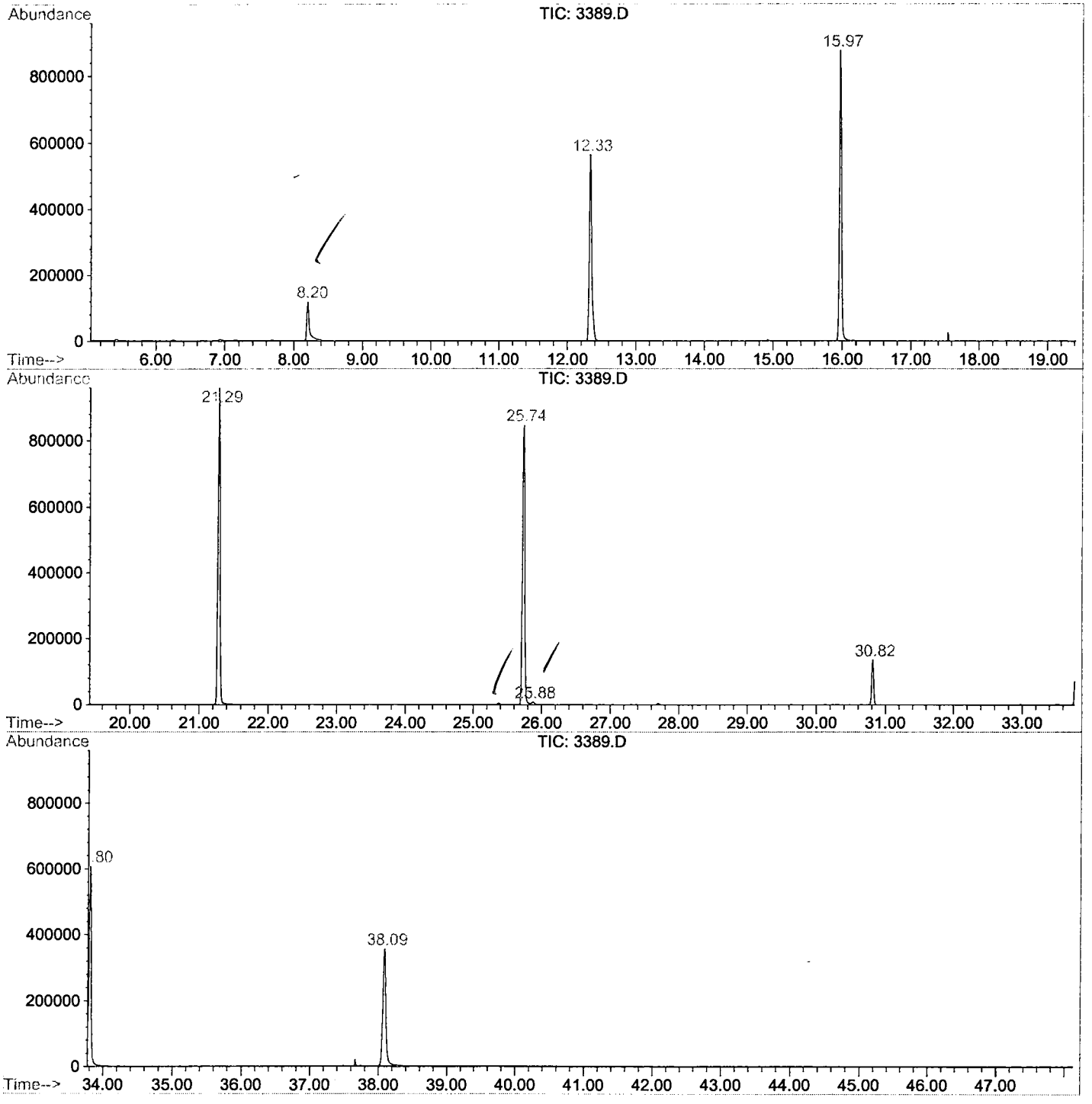
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.204	339	344	360	rBV	117145	298476	15.21%	2.928%
2	12.326	788	793	808	rBV	562271	1398993	71.31%	13.725%
3	15.970	1184	1190	1206	rBV	875896	1830840	93.32%	17.962%
4	21.286	1763	1769	1784	rBV	959656	1961968	100.00%	19.248%
5	25.738	2247	2254	2264	rBV2	846992	1854621	94.53%	18.195%
6	25.876	2265	2269	2280	rVB2	7582	22222	1.13%	0.218%
7	30.815	2802	2807	2814	rVB	135477	271211	13.82%	2.661%
8	33.799	3126	3132	3147	rBV2	607126	1435108	73.15%	14.079%
9	38.086	3590	3599	3618	rBV2	354153	1119564	57.06%	10.984%

Sum of corrected areas: 10193003

3389.D GCMS0208.M Fri Mar 08 09:45:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3389.D
Operator :
Acquired : 23 Feb 2002 6:21 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 51
Quant File :GCMS0208.RES (RTE Integrator)



3389.D GCMS0208.M Fri Mar 08 09:45:59 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3389.D Vial: 51
Acq On : 23 Feb 2002 6:21 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

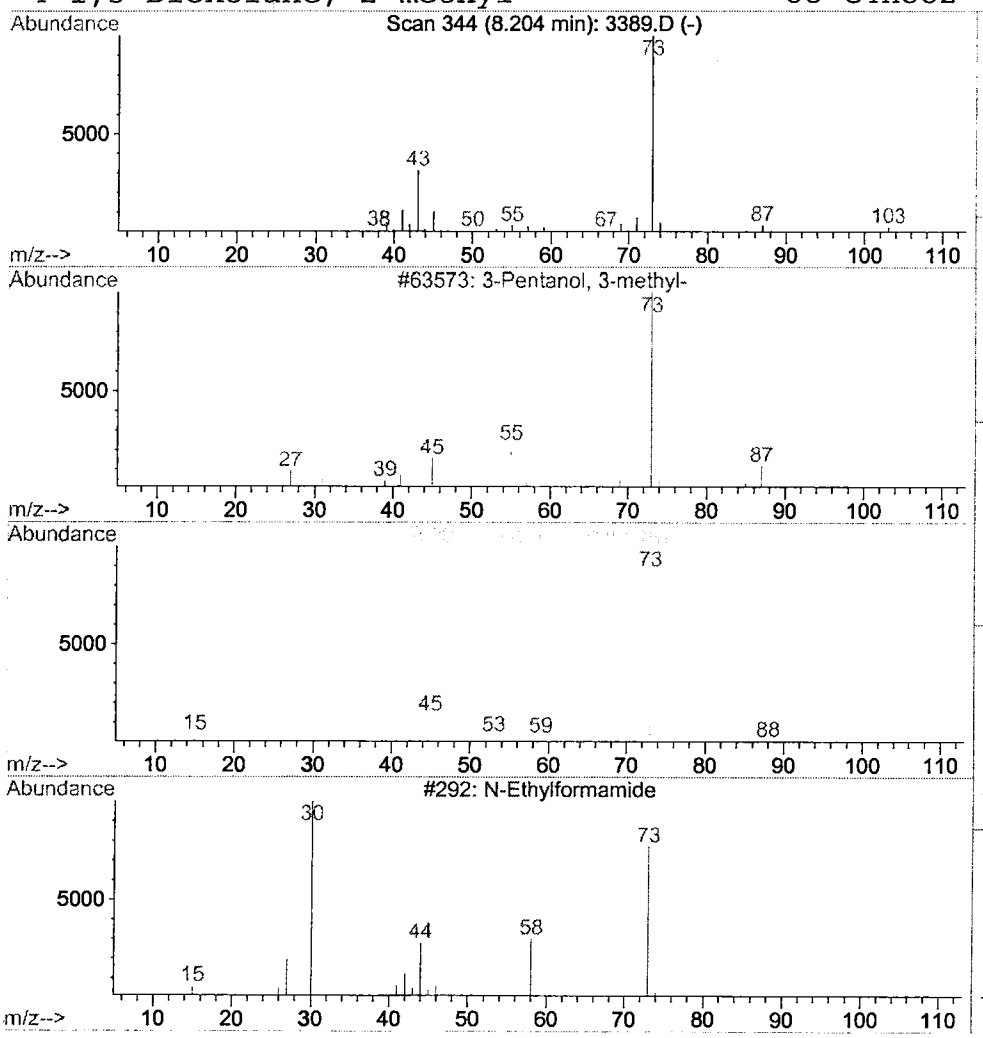
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

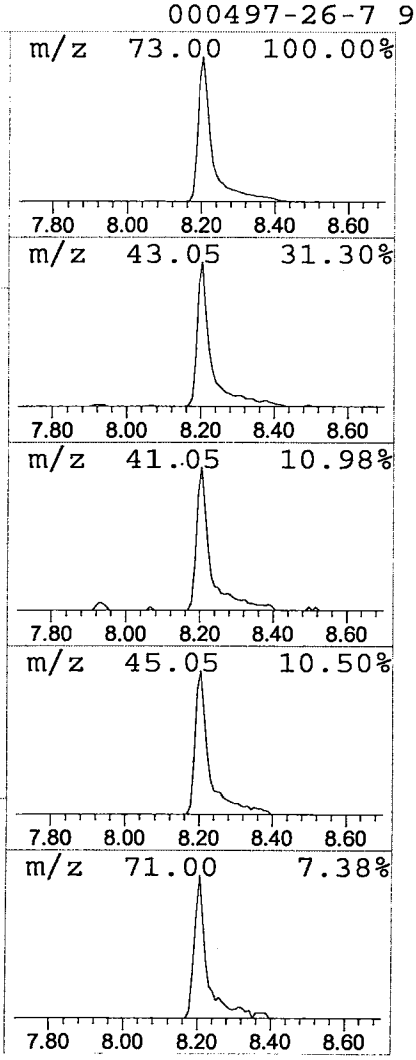
****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.27 ug/l	298476	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data File : C:\HPCHEM\1\DATA\FEB2102\3389.D Vial: 51
Acq On : 23 Feb 2002 6:21 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

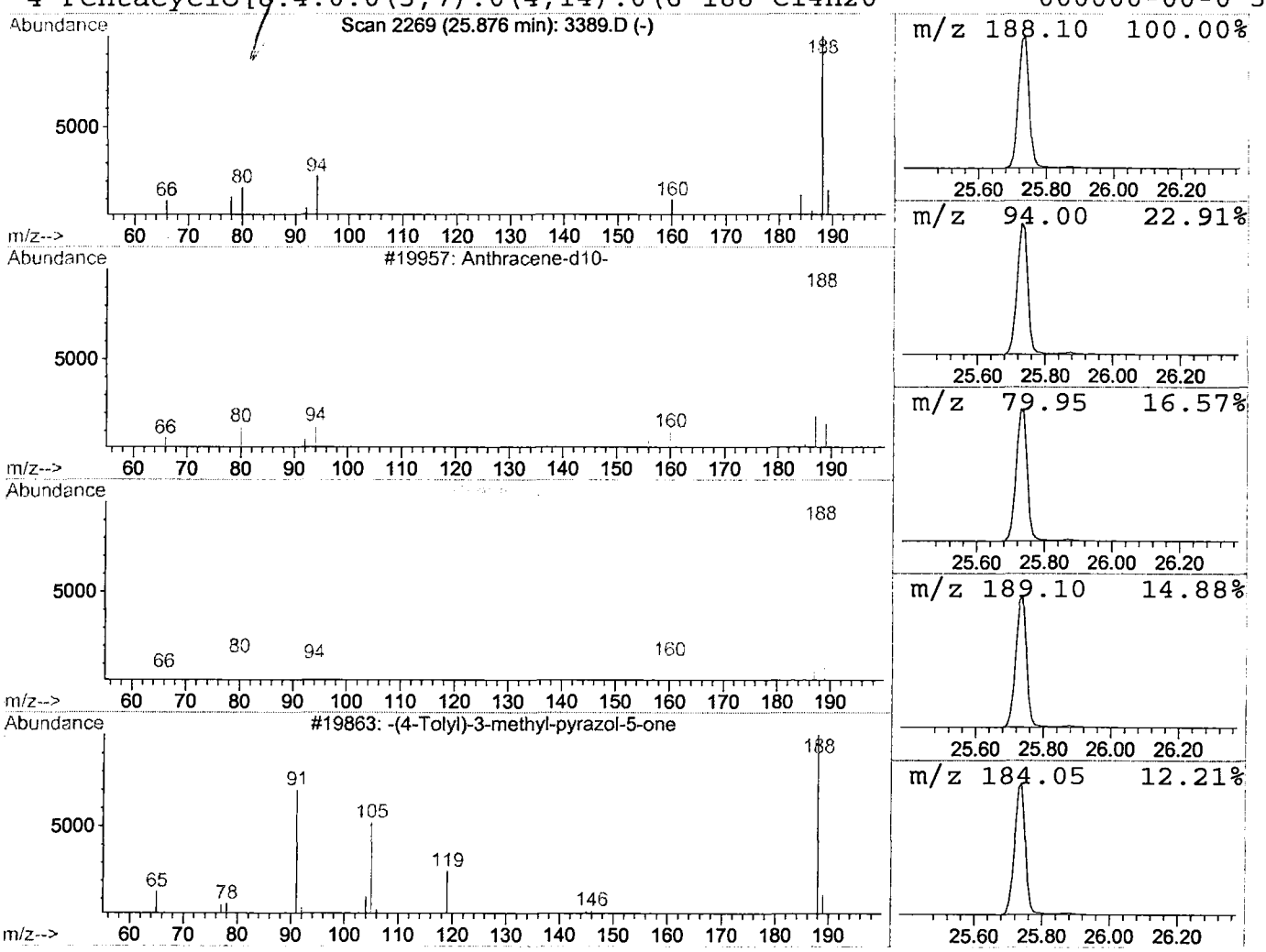
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.24 ug/l	22222	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 23 Feb 2002 6:21 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3389.D
Name: gc/ms scan 1/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Pentanol, 3-methyl	8.20	4.3	ug/l	298476	ISTD01	12.34	1398990	20.0
Anthracene-d10-	25.88	0.2	ug/l	22222	ISTD04	25.74	1854620	20.0

3389.D GCMS0208.M Fri Mar 08 09:46:12 2002