User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 17:09:32

Sample: AE02603
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 17:09 Ended: 3/7/02 17:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2					

Comments for Sample AE02603 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-07-2002 Time: 17:09:48

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:31 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	12.31	152	283527	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1107908	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.26	164	594601	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	857428	20.00	ug/l	-0.05
38) Chrysene-d12	33.79	240	602060	20.00	ug/l	-0.06
44) Perylene-d12	38.06	264	415245	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	58574	6.54	ug/mL	0.30
Spiked Amount 5.000			Recovery = 130.80%			
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	22.74	149	528	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)

Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:31 2002 Quant Results File: GCMS0208.RES

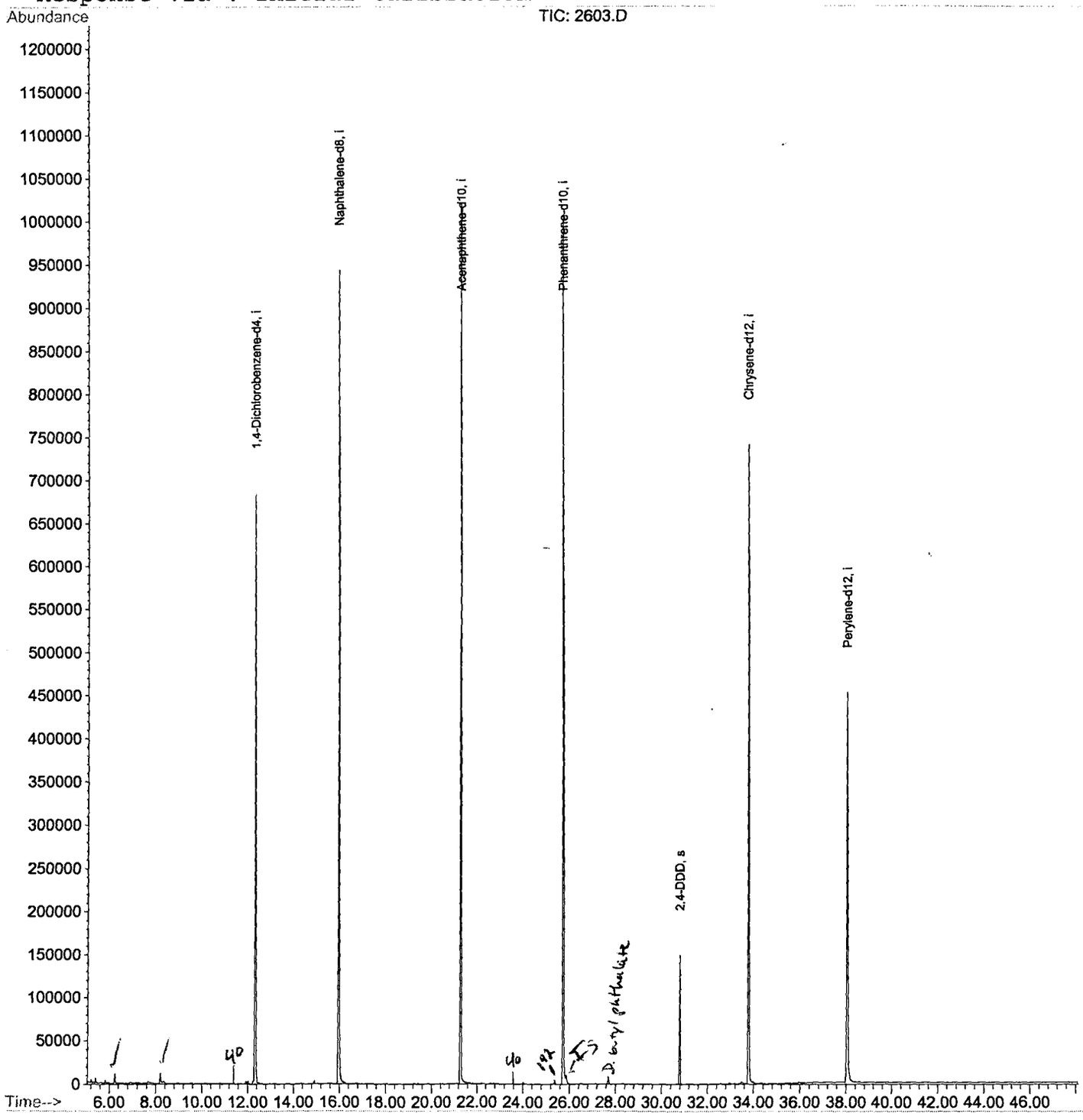
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	12796	N.D.	
36)	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	33.79	228	1347	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	1461	N.D.	
43)	Chrysene	33.79	228	1347	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	38.06	252	1592	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\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:31 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 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

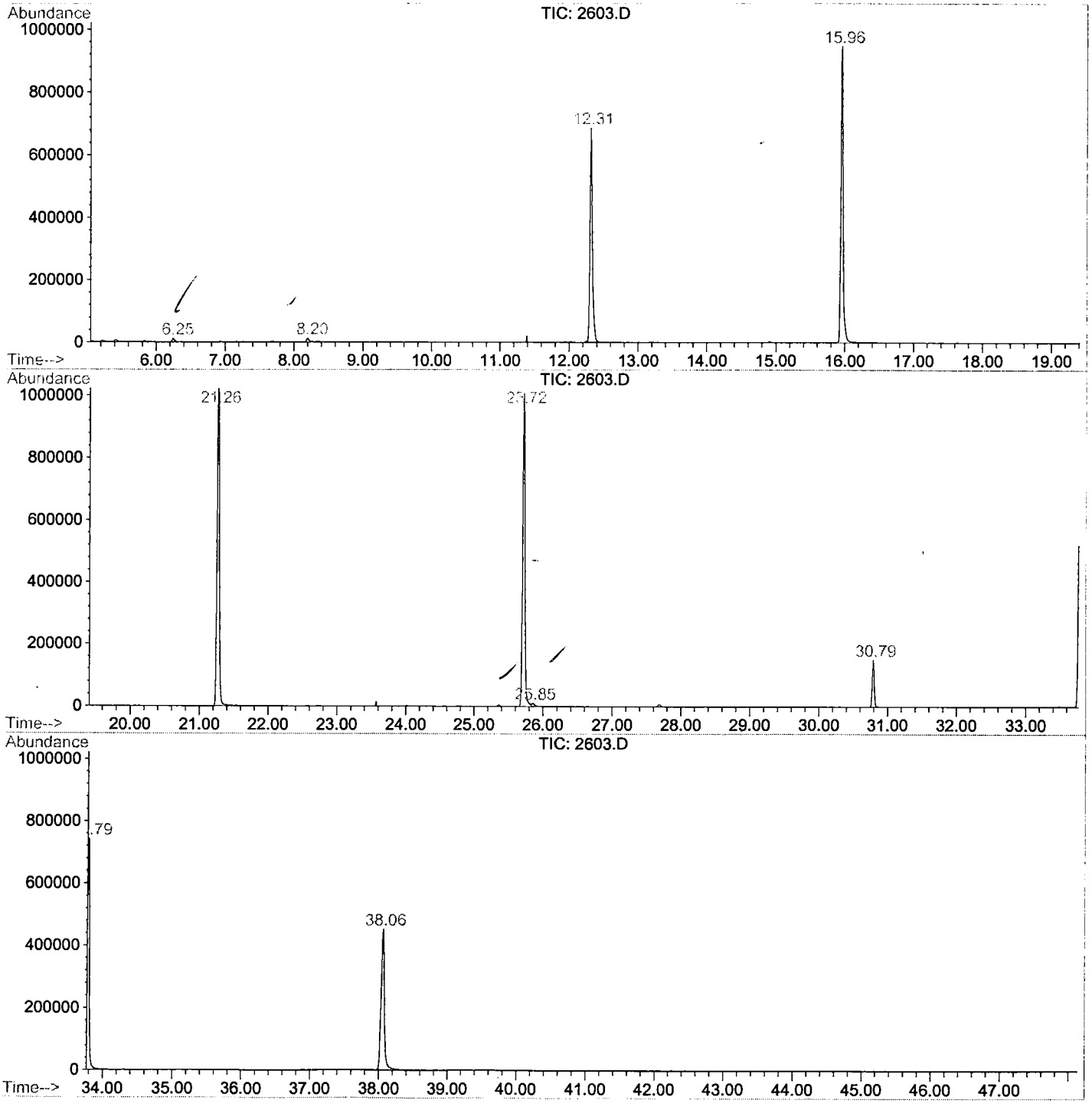
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.246	127	131	142	rVB2	11314	23725	1.01%	0.197%
2	8.201	339	344	353	rBV	11875	30768	1.31%	0.256%
3	12.314	787	792	808	rVB	684167	1602155	68.37%	13.322%
4	15.959	1182	1189	1203	rBV	944058	2152029	91.84%	17.894%
5	21.265	1761	1767	1781	rBV	1021480	2343212	100.00%	19.484%
6	25.717	2245	2252	2264	rBV2	1006871	2270272	96.89%	18.877%
7	25.855	2264	2267	2276	rVB	9756	27538	1.18%	0.229%
8	30.794	2800	2805	2814	rVB	149639	303932	12.97%	2.527%
9	33.787	3124	3131	3146	rBV2	741440	1809453	77.22%	15.045%
10	38.056	3587	3596	3620	rBV2	451469	1463465	62.46%	12.169%

Sum of corrected areas: 12026549

2603.D GCMS0208.M Mon Mar 04 11:47:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2603.D
Operator :
Acquired : 1 Mar 2002 8:10 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 13
Quant File :GCMS0208.RES (RTE Integrator)



2603.D GCMS0208.M Mon Mar 04 11:47:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

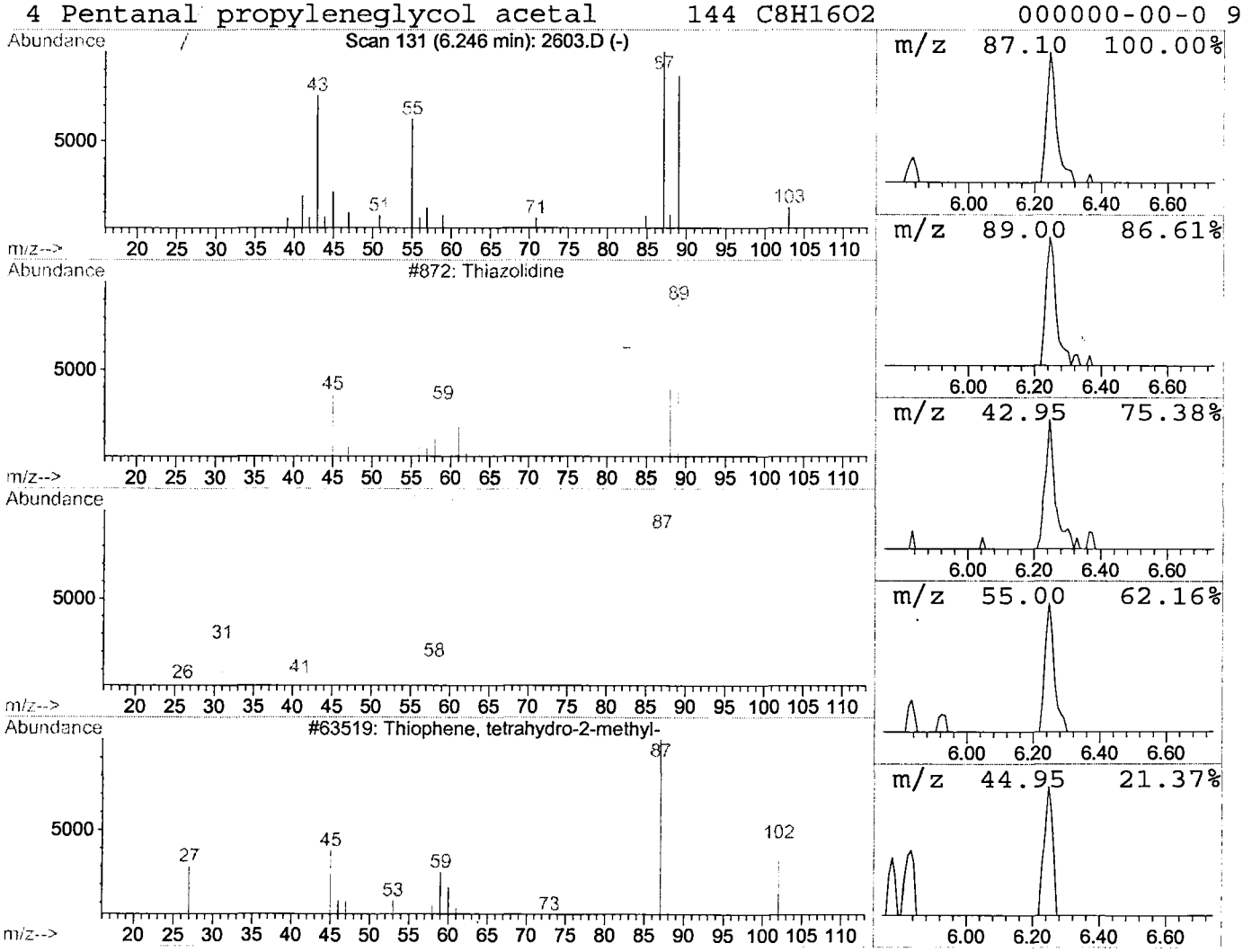
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Thiazolidine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	0.30 ug/l	23725	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolidine	89	C3H7NS	000504-78-9	36
2	1,3-Dioxane	88	C4H8O2	000505-22-6	9
3	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	9
4	Pentanal propyleneglycol acetal	144	C8H16O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

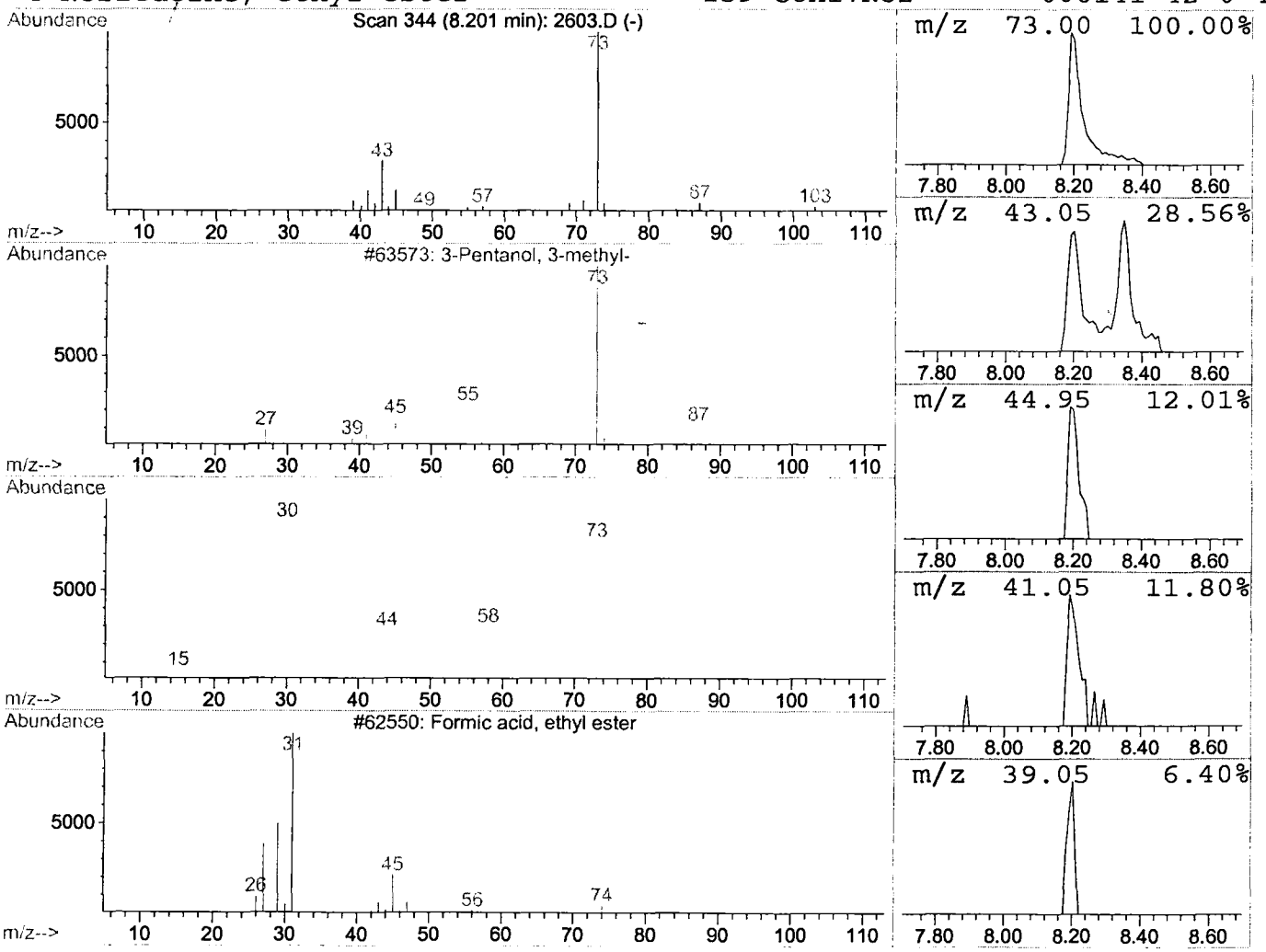
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.38 ug/l	30768	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	N-Ethylformamide	73	C3H7NO	000627-45-2	4
3	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4
4	Norleucine, ethyl ester	159	C8H17NO2	006141-42-0	4



Data File : C:\HPCHEM\1\DATA\MAR0102\2603.D Vial: 13
Acq On : 1 Mar 2002 8:10 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

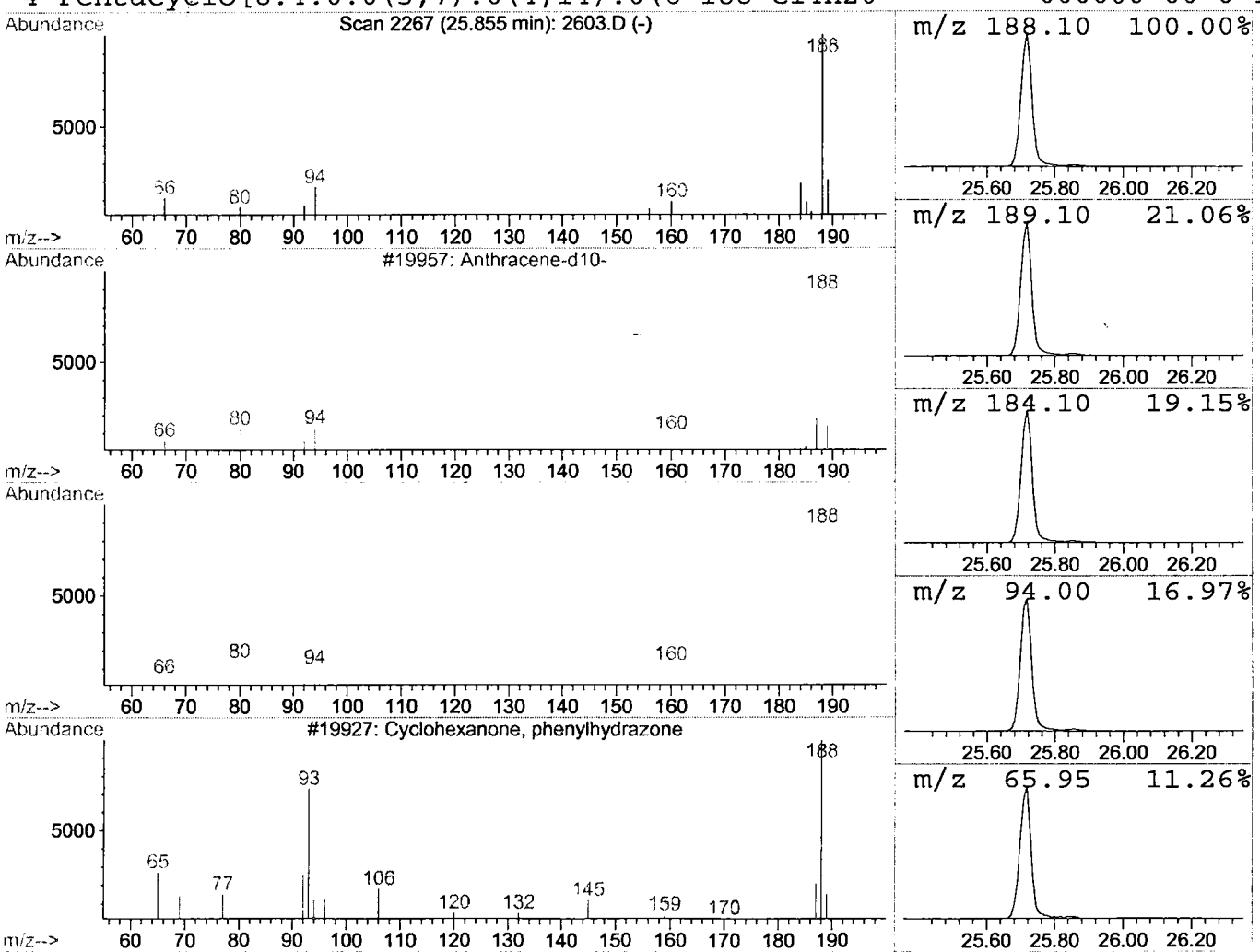
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.24 ug/l	27538	Phenanthrene-d10	25.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	9
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 8:10 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2603.D
Name: gc/ms scan 2/5
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
Thiazolidine	6.25	0.3	ug/l	23725	ISTD01	12.31	1602160	20.0
3-Pentanol, 3-methyl	8.20	0.4	ug/l	30768	ISTD01	12.31	1602160	20.0
Anthracene-d10-	25.85	0.2	ug/l	27538	ISTD04	25.72	2270270	20.0

2603.D GCMS0208.M Mon Mar 04 11:47:39 2002