User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:54:00

Sample: AE05897
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:53 Ended: 3/29/02 08:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE05897 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:54:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 9 of the 43 compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:27 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	964369	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	3759769	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	2027731	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.67	188	3069216	20.00	ug/l	-0.10
38) Chrysene-d12	33.74	240	1826519	20.00	ug/l	-0.11
44) Perylene-d12	37.99	264	1043390	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	97746	4.38	ug/mL	0.24
Spiked Amount 5.000			Recovery = 87.60%			
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	15.95	128	349	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	21.69	165	484	N.D.		
25) Diethylphthalate	22.69	149	1447	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\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:27 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

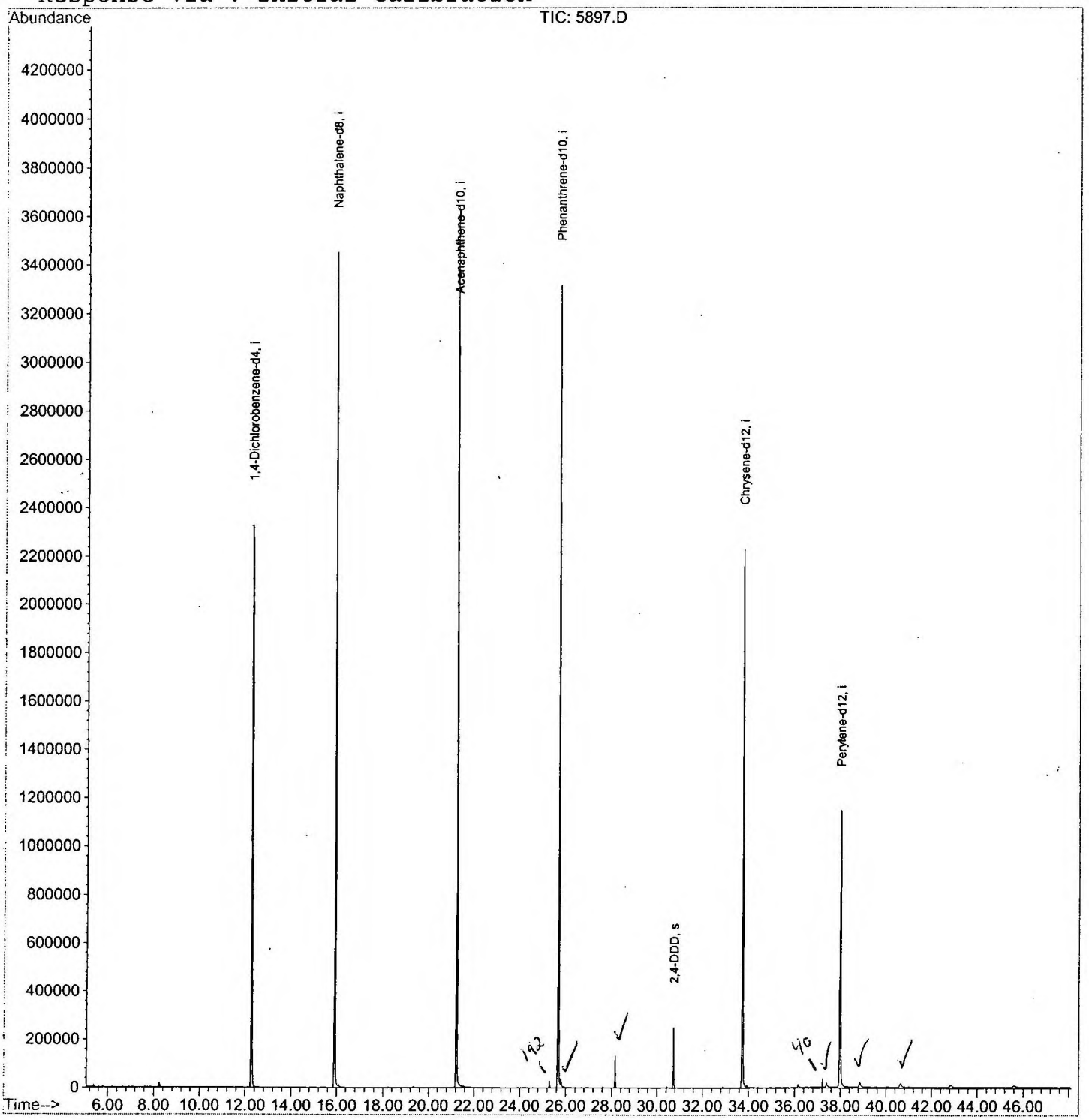
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.68	178	1000	N.D.	
34)	Anthracene	25.68	178	1000	N.D.	
35)	Di-n-butylphthalate	27.63	149	6137	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.17	149	337	N.D.	
41)	Benzo(a)anthracene	33.74	228	5199	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.94	149	5520	N.D.	
43)	Chrysene	33.74	228	4746	N.D.	
45)	Di-n-Octylphthalate	35.67	149	689	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1585	N.D.	
47)	Benzo(k)fluoranthene	36.78	252	1585	N.D.	
48)	Benzo(a)pyrene	37.79	252	615	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:27 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

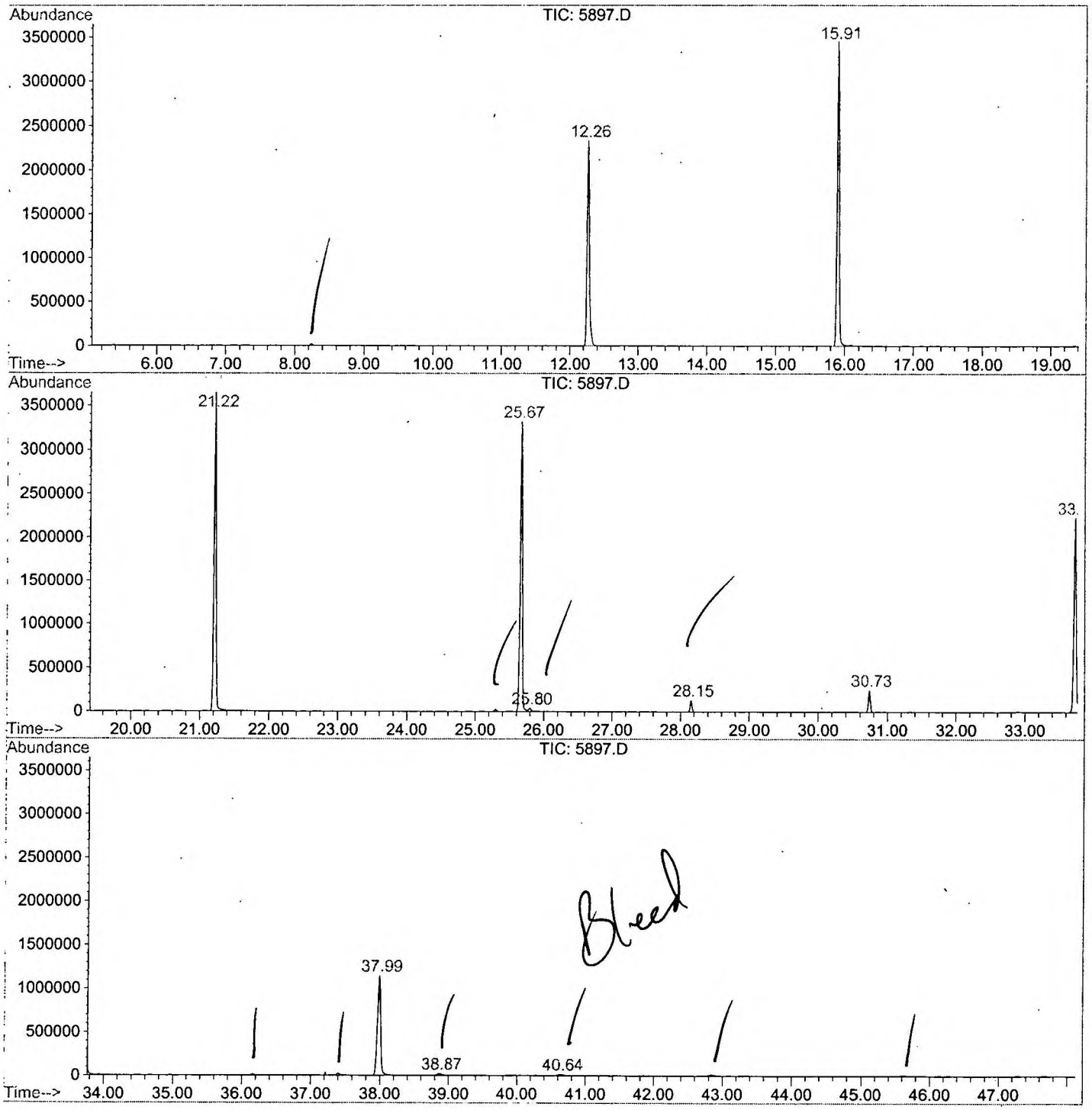
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.263	780	786	806	rBV	2328251	5357678	68.25%	14.054%
2	15.908	1174	1183	1200	rBV	3451314	7138545	90.94%	18.726%
3	21.223	1753	1762	1778	rBV	3647306	7849943	100.00%	20.592%
4	25.667	2238	2246	2257	rBV2	3316358	7766289	98.93%	20.373%
5	25.795	2257	2260	2268	rVB	33936	80617	1.03%	0.211%
6	28.155	2512	2517	2522	rBV	133819	242307	3.09%	0.636%
7	30.734	2792	2798	2807	rBV	251046	496129	6.32%	1.301%
8	33.736	3116	3125	3142	rBV	2229594	5380189	68.54%	14.113%
9	37.987	3578	3588	3609	rBV2	1144024	3638996	46.36%	9.546%
10	38.868	3676	3684	3694	rBV3	20909	88864	1.13%	0.233%
11	40.640	3867	3877	3888	rBV5	15291	81713	1.04%	0.214%

Sum of corrected areas: 38121270

5897.D GCMS0308.M Mon Mar 25 14:27:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\5897.D
Operator :
Acquired : 22 Mar 2002 12:56 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13
Misc Info :
Vial Number: 25
Quant File :GCMS0308.RES (RTE Integrator)



5897.D GCMS0308.M Mon Mar 25 14:27:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

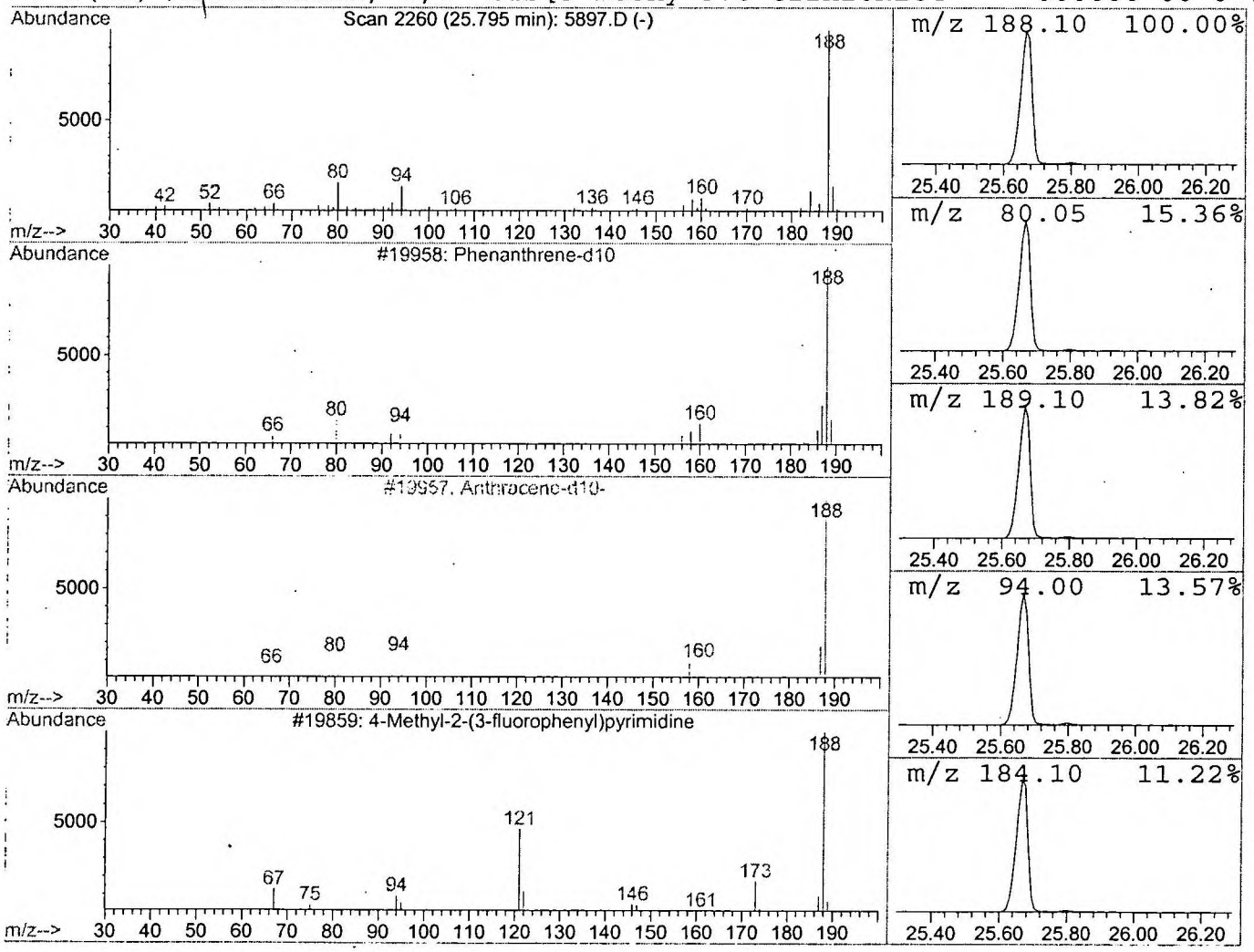
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.21 ug/l	80617	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	78
2	Anthracene-d10-	188	C14D10	001719-06-8	53
3	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	53
4	5(4H)-Isoxazolone, 4,4'-bis[3-methy	376	C22H20N2O4	000000-00-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

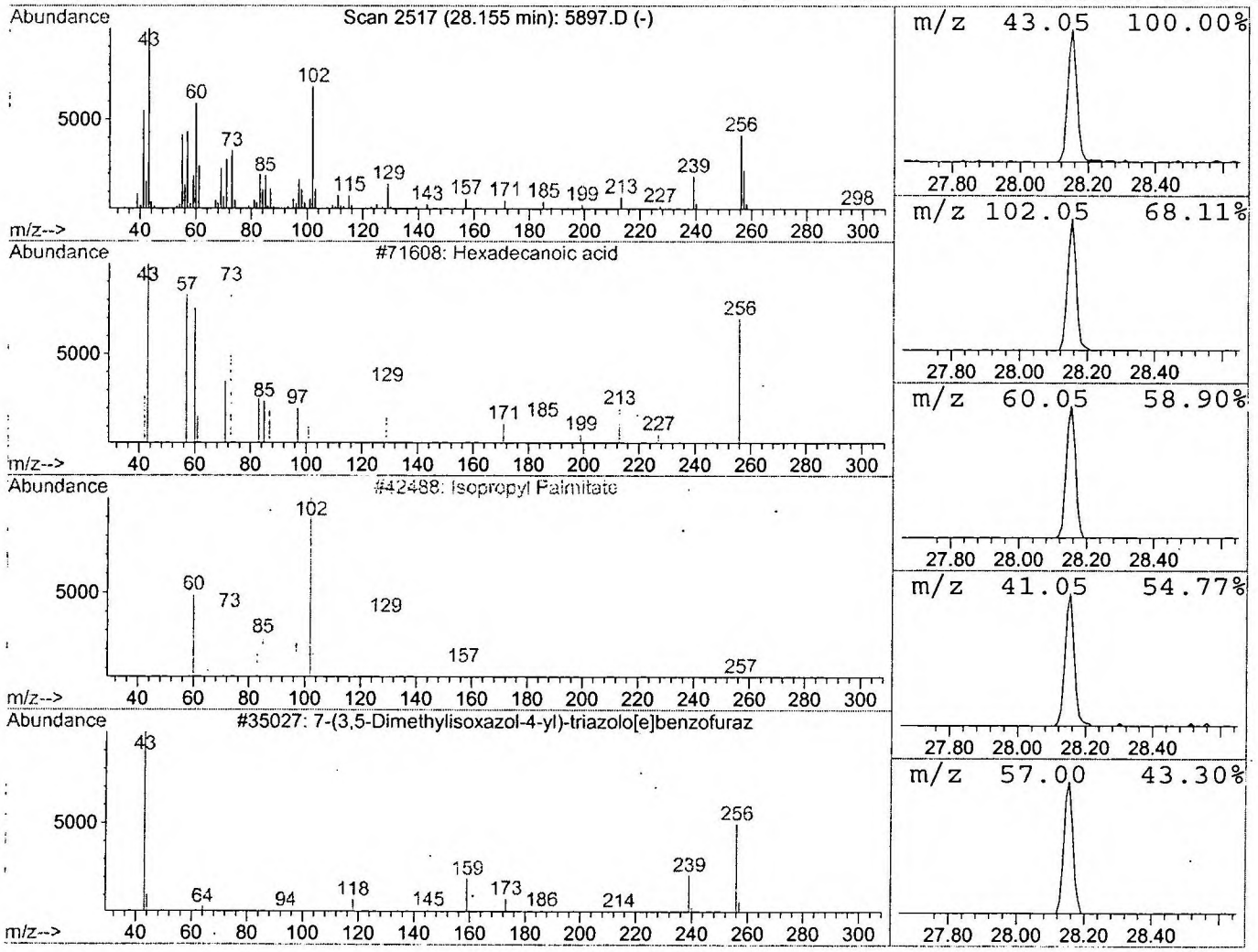
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.62 ug/l	242307	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	22
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	22
3	7-(3,5-Dimethylisoxazol-4-yl)-triaz	256	C11H8N6O2	000000-00-0	14
4	Nonanoic acid	158	C9H18O2	000112-05-0	11



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

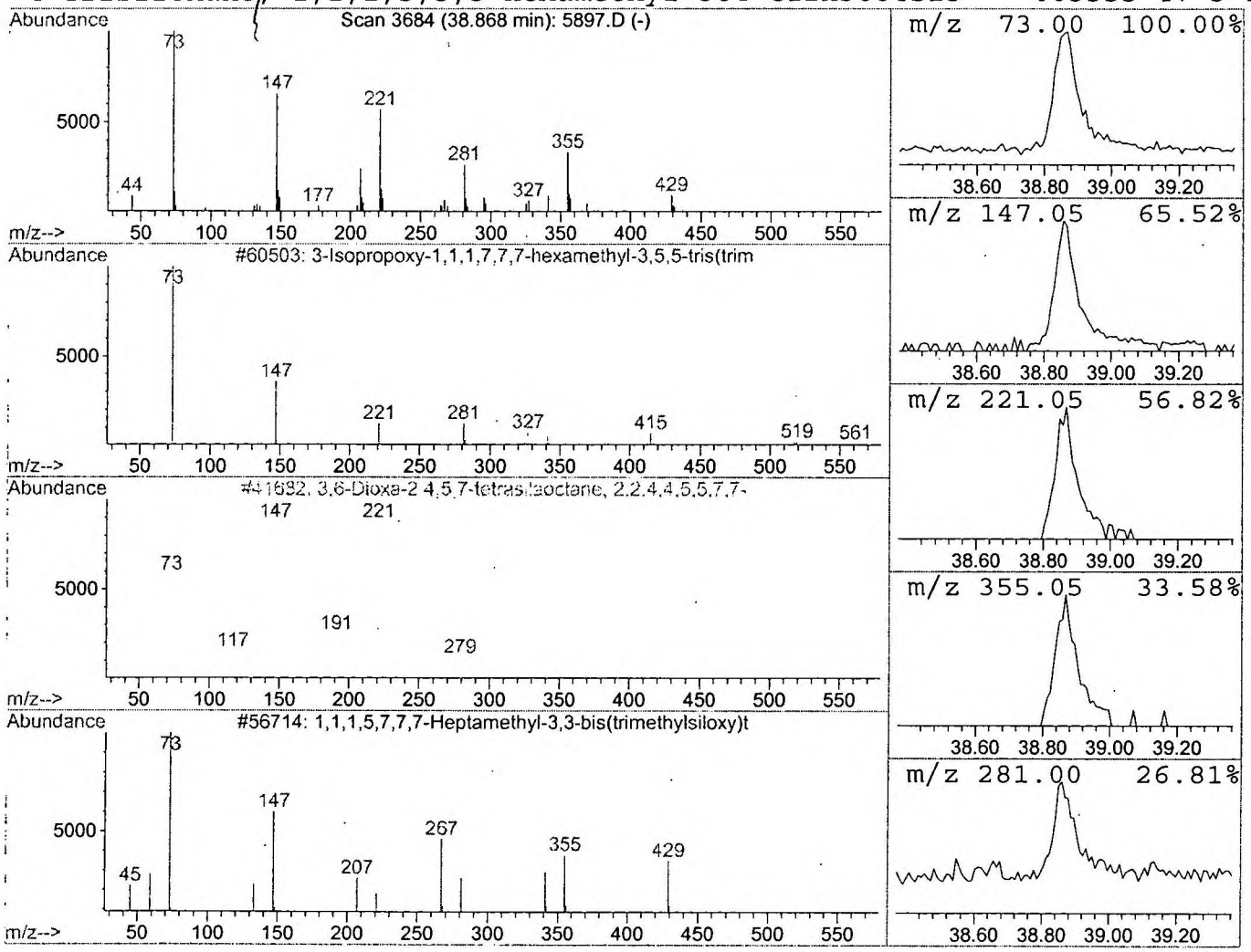
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.87	0.49 ug/l	88864	Perylene-d12	37.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	37
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5897.D Vial: 25
Acq On : 22 Mar 2002 12:56 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

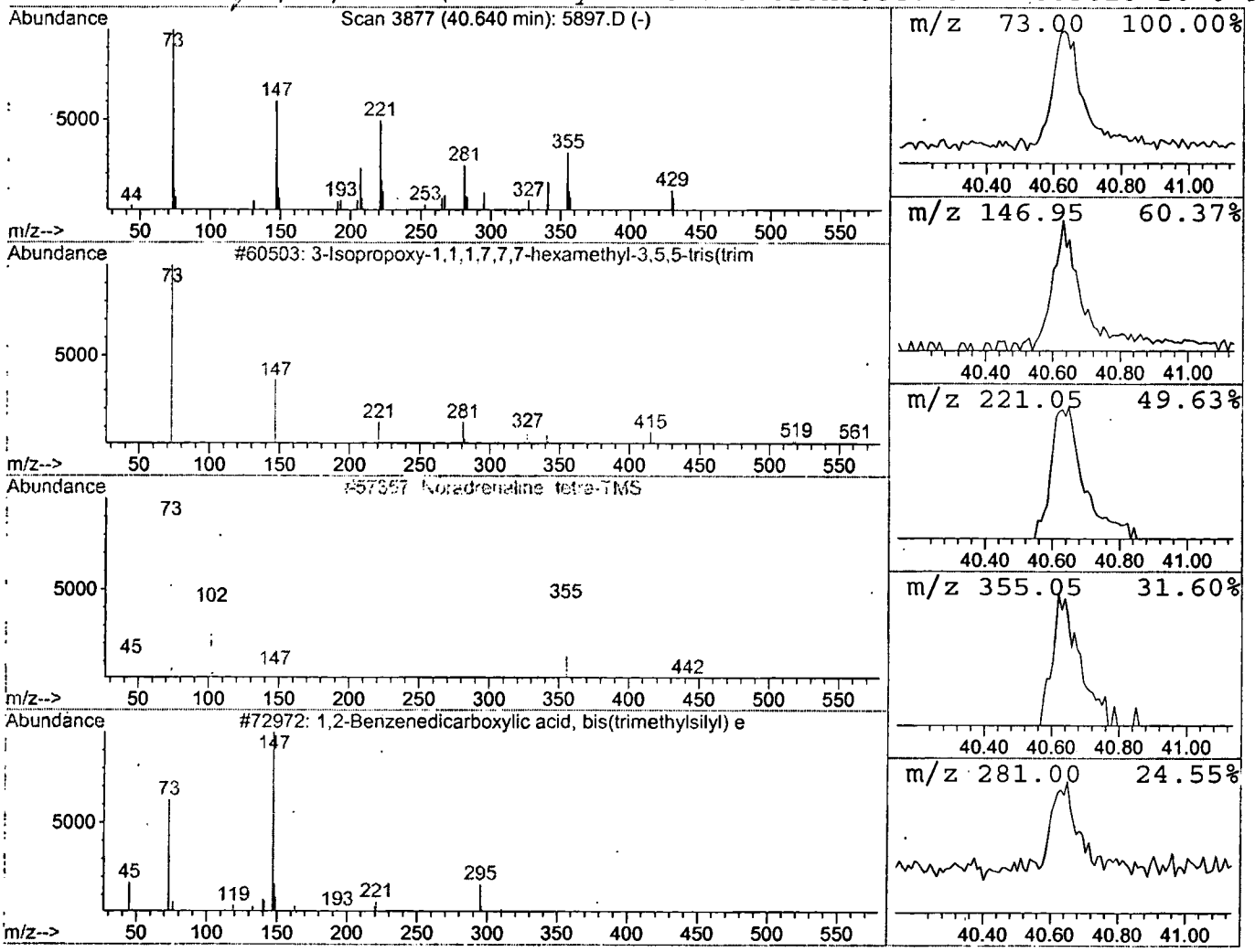
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.64	0.45 ug/l	81713	Perylene-d12	37.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
2	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	10
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 12:56 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\5897.D
Name: gc/ms scan 3/13
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Phenanthrene-d10	25.80	0.2	ug/l	80617	ISTD04	25.67	7766290	20.0
Hexadecanoic acid	28.15	0.6	ug/l	242307	ISTD04	25.67	7766290	20.0
3-Isopropoxy-1,1,1,7	38.87	0.5	ug/l	88864	ISTD06	37.99	3639000	20.0
3-Isopropoxy-1,1,1,7	40.64	0.4	ug/l	81713	ISTD06	37.99	3639000	20.0

5897.D GCMS0308.M Mon Mar 25 14:27:30 2002