User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:52:56

Sample: AE05896
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:52 Ended: 3/29/02 08:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		96		5.0

Comments for Sample AE05896 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:53:08

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\5896.D Vial: 24
Acq On : 22 Mar 2002 11:57 am Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:39 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	12.27	152	854707	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	3337391m	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1805921	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.67	188	2734334	20.00	ug/l	-0.10
38) Chrysene-d12	33.73	240	1702671	20.00	ug/l	-0.11
44) Perylene-d12	37.99	264	1018314	20.00	ug/l	-0.13
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	95321	4.80	ug/mL	0.24
Spiked Amount 5.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.52	93	281	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	15.96	128	807	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	21.70	165	279	N.D.		
25) Diethylphthalate	22.70	149	960	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)

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Acq On : 22 Mar 2002 11:57 am Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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

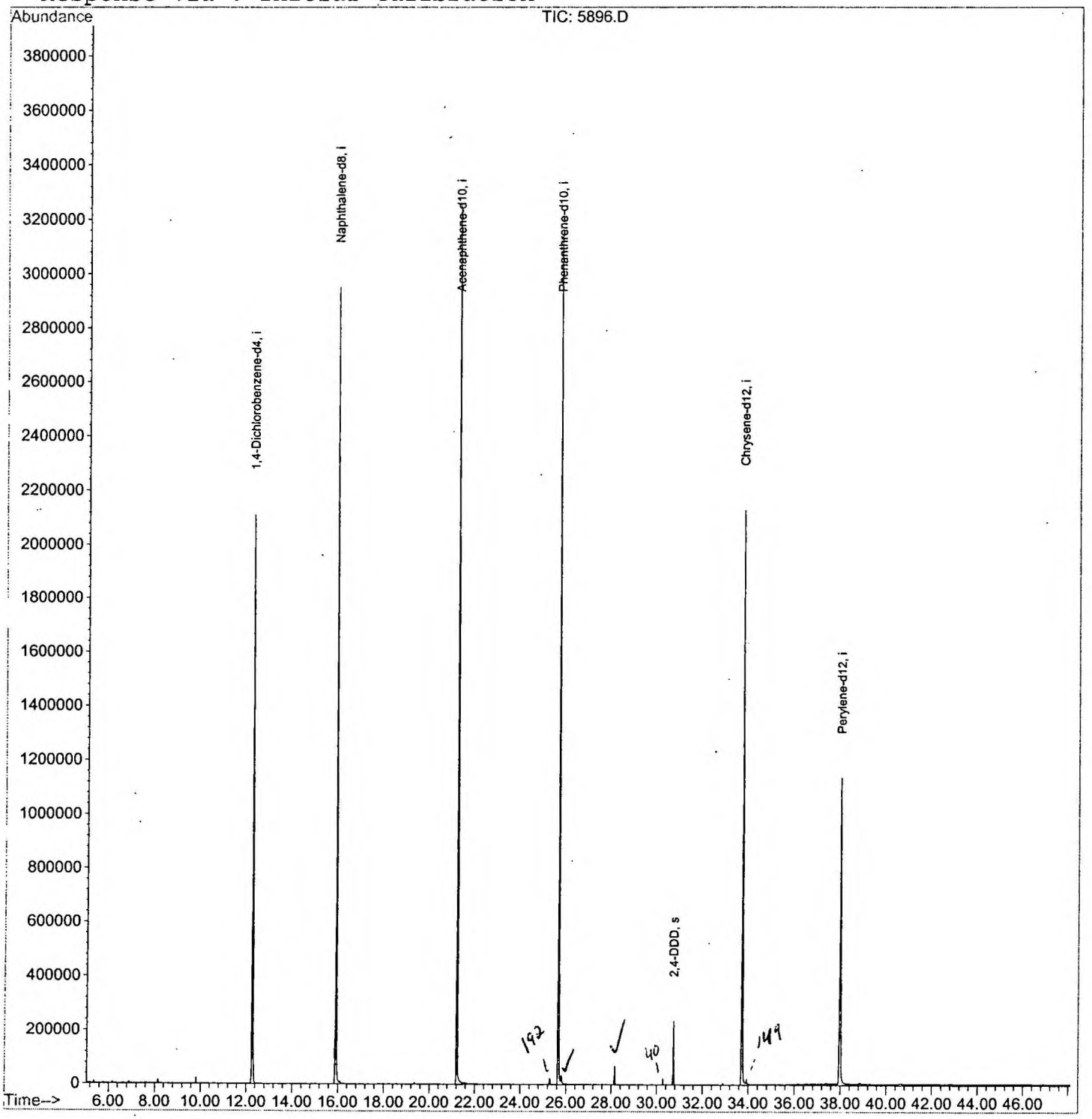
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.67	178	1536	N.D.	
34)	Anthracene	25.85	178	322	N.D.	
35)	Di-n-butylphthalate	27.63	149	3128	N.D.	
36)	Fluoranthene	29.34	202	182	N.D.	
39)	Pyrene	30.03	202	115	N.D.	
40)	Butylbenzylphthalate	32.15	149	386	N.D.	
41)	Benzo(a)anthracene	33.73	228	5177	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	11307	N.D.	
43)	Chrysene	33.80	228	1223	N.D.	
45)	Di-n-Octylphthalate	35.68	149	634	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1282	N.D.	
47)	Benzo(k)fluoranthene	36.86	252	1447	N.D.	
48)	Benzo(a)pyrene	37.77	252	742	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\5896.D Vial: 24
Acq On : 22 Mar 2002 11:57 am Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:39 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\5896.D Vial: 24
Acq On : 22 Mar 2002 11:57 am 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

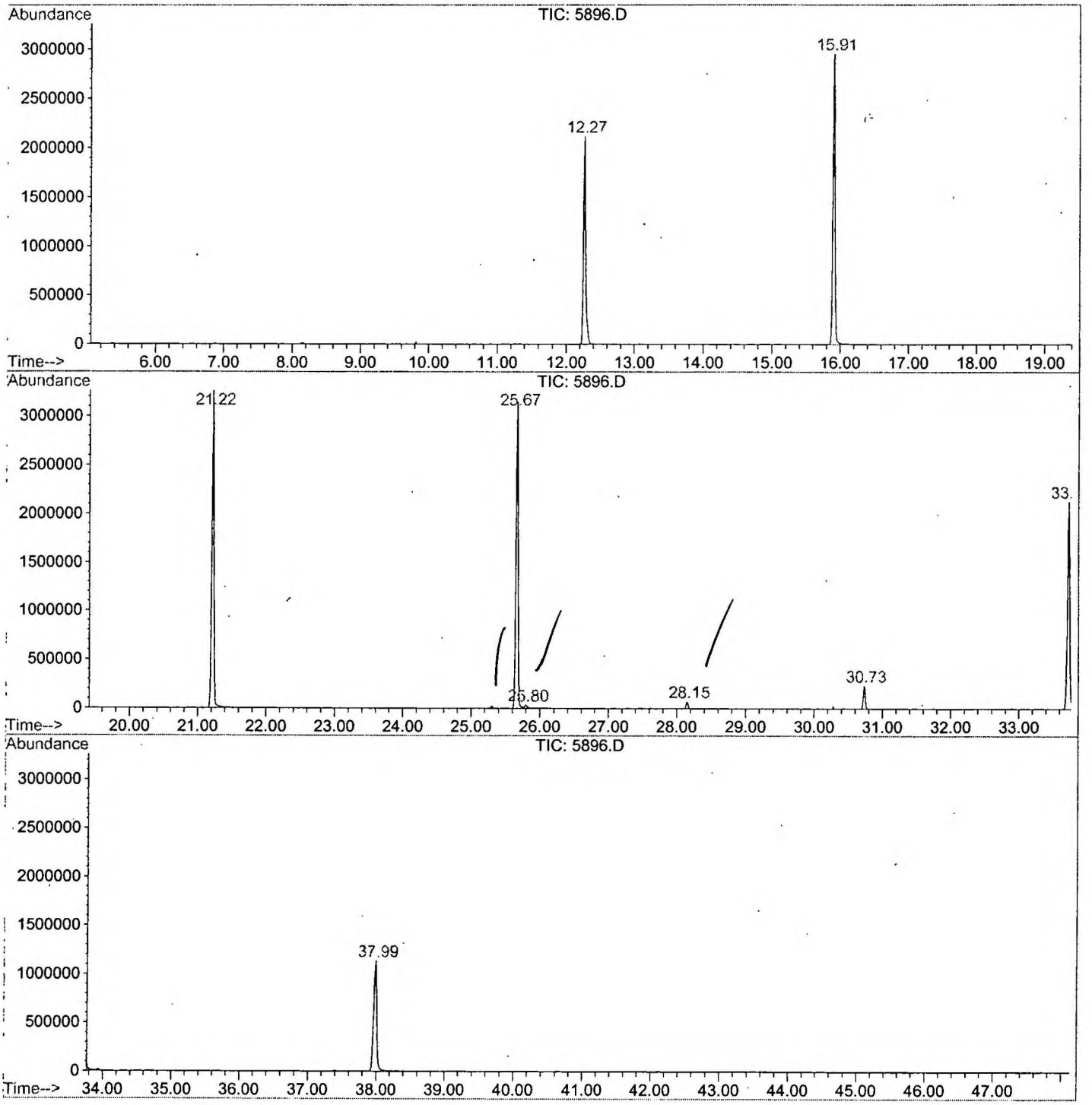
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	801	rBV	2108479	4671746	67.31%	13.678%
2	15.912	1176	1184	1200	rBV	2950327	6341619	91.37%	18.567%
3	21.218	1755	1762	1774	rBV	3259564	6918089	99.68%	20.255%
4	25.671	2239	2247	2257	rBV	3142436	6940286	100.00%	20.319%
5	25.799	2257	2261	2271	rVB	30804	78884	1.14%	0.231%
6	28.149	2512	2517	2524	rVB2	69690	129447	1.87%	0.379%
7	30.729	2793	2798	2804	rBV	233878	480819	6.93%	1.408%
8	33.731	3117	3125	3143	rBV2	2129490	5027803	72.44%	14.720%
9	37.991	3578	3589	3607	rBV2	1133946	3567107	51.40%	10.444%

Sum of corrected areas: 34155800

5896.D GCMS0308.M Mon Mar 25 14:25:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\5896.D
Operator :
Acquired : 22 Mar 2002 11:57 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13
Misc Info :
Vial Number: 24
Quant File :GCMS0308.RES (RTE Integrator)



5896.D GCMS0308.M Mon Mar 25 14:25:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5896.D Vial: 24
Acq On : 22 Mar 2002 11:57 am Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

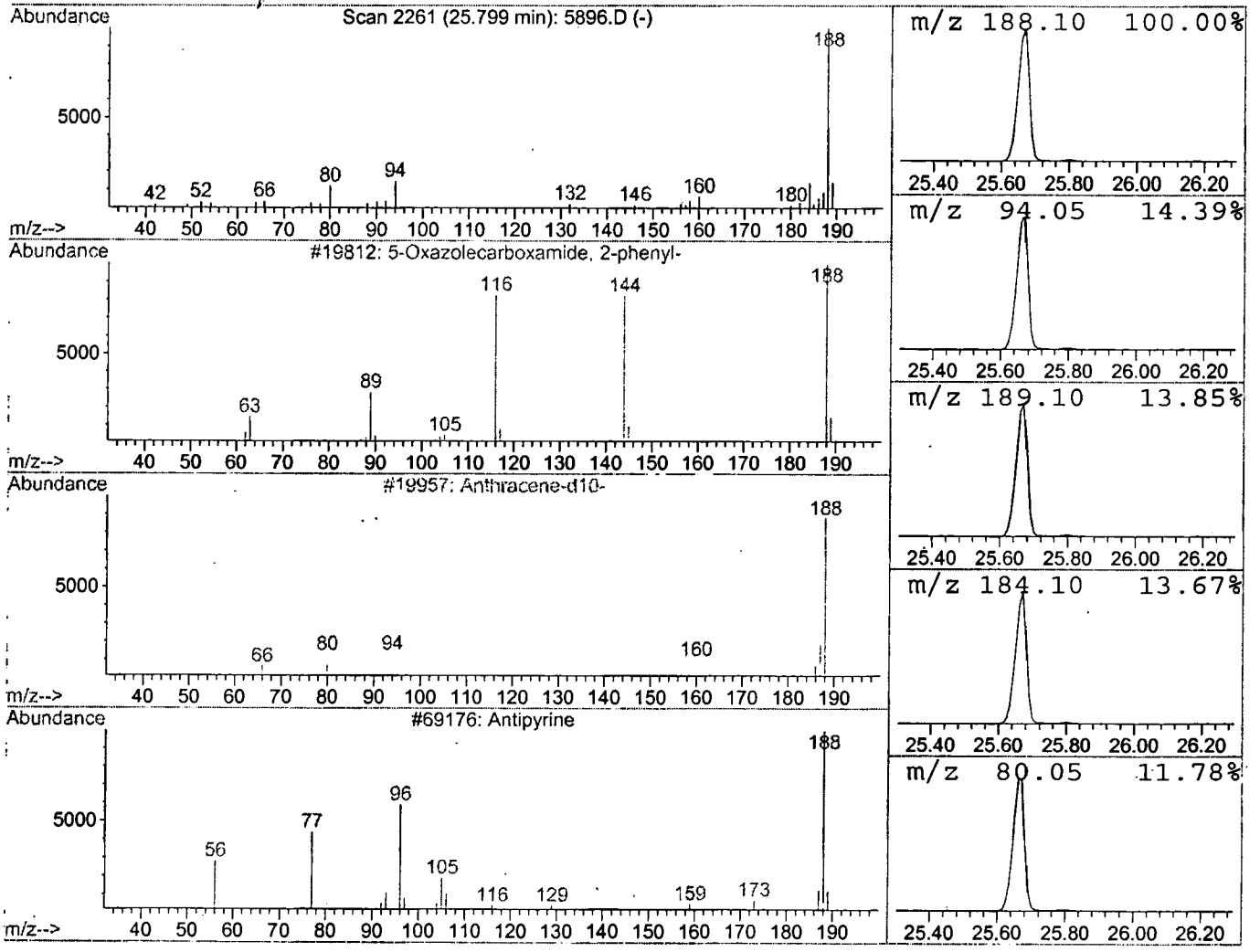
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 5-Oxazolecarboxamide, 2-phenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.23 ug/l	78884	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	47
2	Anthracene-d10-	188	C14D10	001719-06-8	40
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	Phenanthrene-d10	188	C14D10	001517-22-2	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5896.D Vial: 24
Acq On : 22 Mar 2002 11:57 am Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

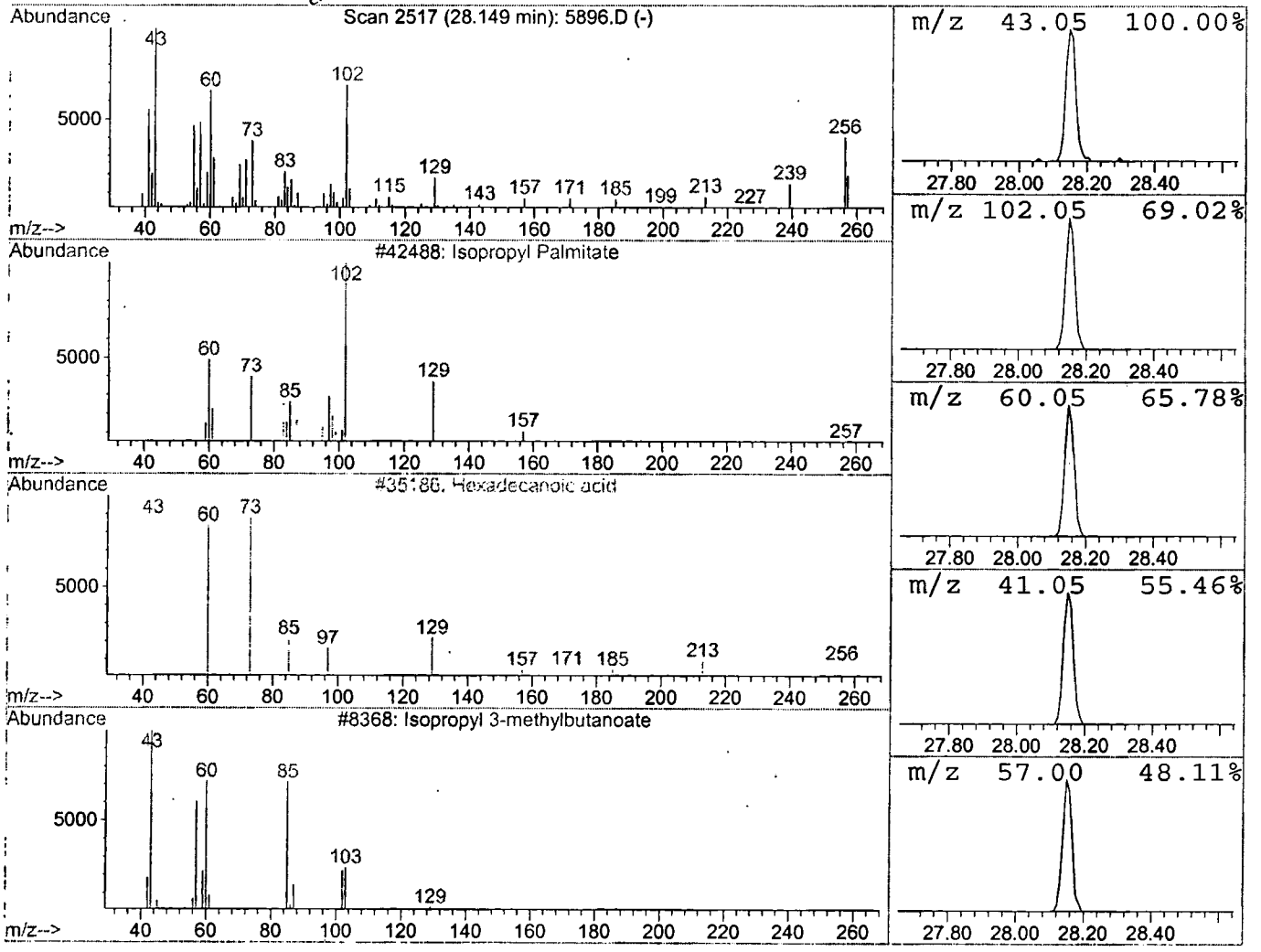
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Isopropyl Palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.37 ug/l	129447	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	38
2	Hexadecanoic acid	256	C16H32O2	000057-10-3	30
3	Isopropyl 3-methylbutanoate	144	C8H16O2	000000-00-0	12
4	Nonanoic acid	158	C9H18O2	000112-05-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 11:57 am
Data File: C:\HPCHEM\1\DATA\MAR2102\5896.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
5-Oxazolecarboxamide	25.80	0.2	ug/l	78884	ISTD04	25.67	6940290	20.0
Isopropyl Palmitate	28.15	0.4	ug/l	129447	ISTD04	25.67	6940290	20.0

5896.D GCMS0308.M Mon Mar 25 14:26:11 2002