User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 09:00:27

Sample: AE05901
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:59 Ended: 3/29/02 08:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE05901 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 09:00:33

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\MAR2202\5901.D Vial: 30
Acq On : 22 Mar 2002 7:07 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 11:35 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	368629	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1421106	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	771438	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1149240	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	761378	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	465545	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	77981	4.76 ~~9.34~~	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~186.80%~~ 95%		
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	12.30	146	274	N.D.		
5) 1,4-Dichlorobenzene	12.30	146	274	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	881	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	22.70	149	912	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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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

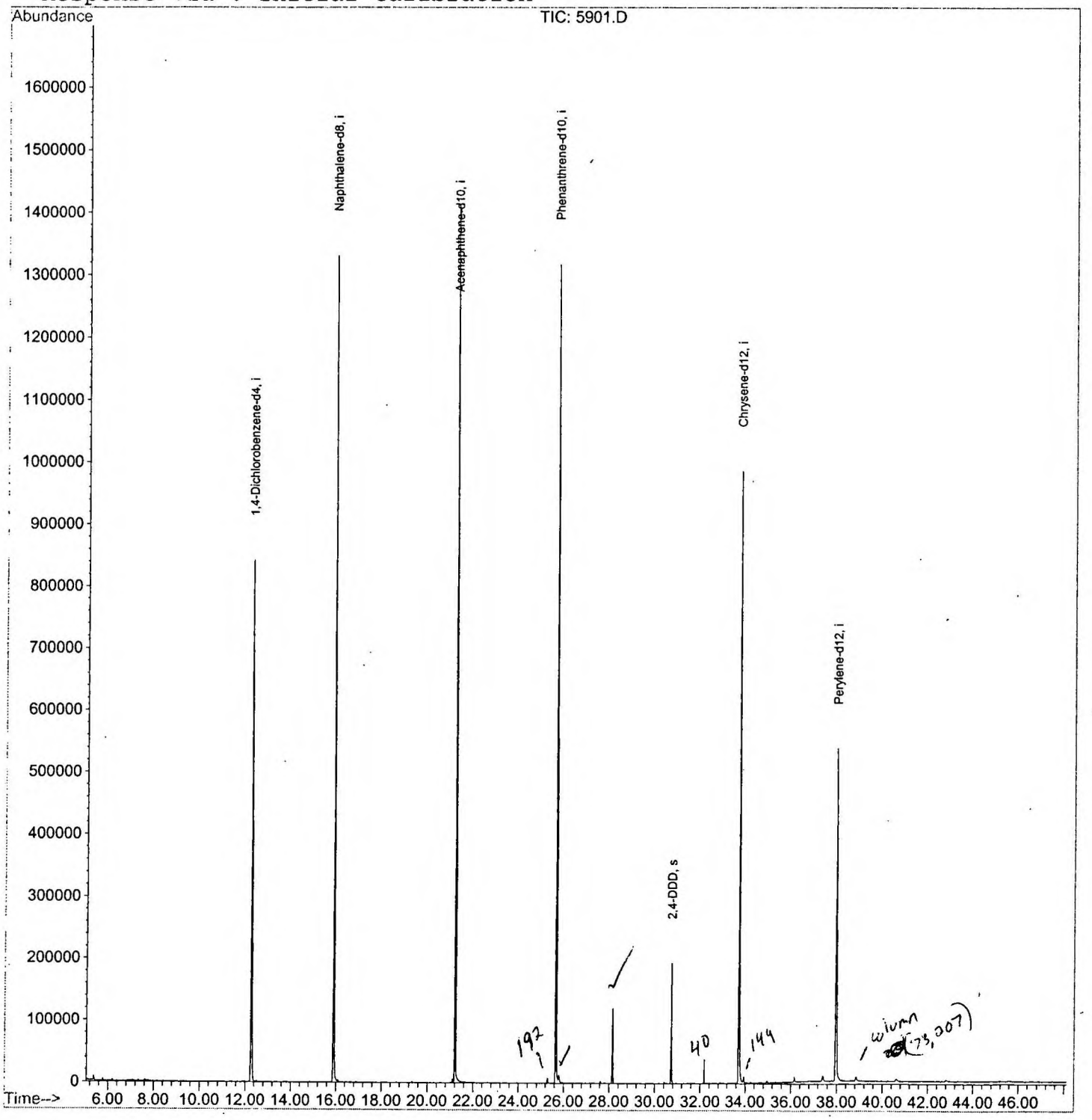
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	305	N.D.	
34)	Anthracene	25.85	178	274	N.D.	
35)	Di-n-butylphthalate	27.63	149	5391	N.D.	
36)	Fluoranthene	29.35	202	506	N.D.	
39)	Pyrene	30.02	202	539	N.D.	
40)	Butylbenzylphthalate	32.15	149	848	N.D.	
41)	Benzo(a)anthracene	33.72	228	4454	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	5955	N.D.	
43)	Chrysene	33.79	228	3109	N.D.	
45)	Di-n-Octylphthalate	35.68	149	1381	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1958	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	2206	N.D.	
48)	Benzo(a)pyrene	37.77	252	1286	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	43.37	276	107	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5901.D Vial: 30
Acq On : 22 Mar 2002 7:07 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 11:35 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\MAR2202\5901.D Vial: 30
Acq On : 22 Mar 2002 7:07 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

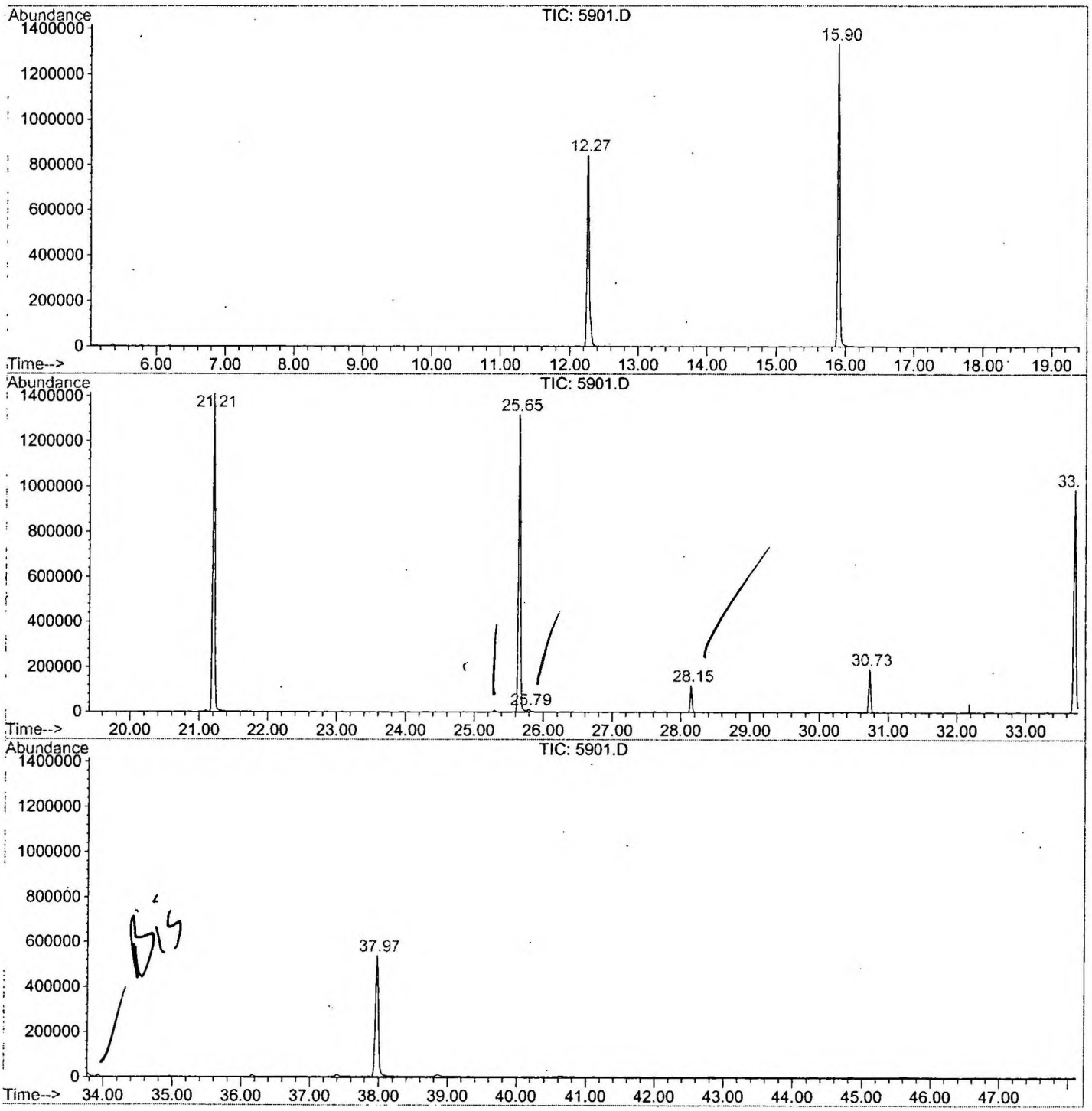
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	802	rVB	840904	2027954	68.67%	13.429%
2	15.903	1177	1183	1197	rBV	1330935	2693561	91.21%	17.837%
3	21.209	1755	1761	1777	rBV	1414811	2953257	100.00%	19.557%
4	25.652	2239	2245	2256	rBV2	1317278	2926900	99.11%	19.382%
5	25.790	2256	2260	2266	rVB	11308	29671	1.00%	0.196%
6	28.149	2512	2517	2522	rBV	120216	215654	7.30%	1.428%
7	30.729	2793	2798	2804	rBV	193881	391766	13.27%	2.594%
8	33.722	3114	3124	3143	rBV	987184	2256137	76.39%	14.940%
9	37.972	3578	3587	3606	rBV2	536159	1605929	54.38%	10.635%

Sum of corrected areas: 15100829

5901.D GCMS0308.M Mon Mar 25 14:32:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\5901.D
Operator :
Acquired : 22 Mar 2002 7:07 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13
Misc Info :
Vial Number: 30
Quant File :GCMS0308.RES (RTE Integrator)



5901.D GCMS0308.M Mon Mar 25 14:32:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5901.D Vial: 30
Acq On : 22 Mar 2002 7:07 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

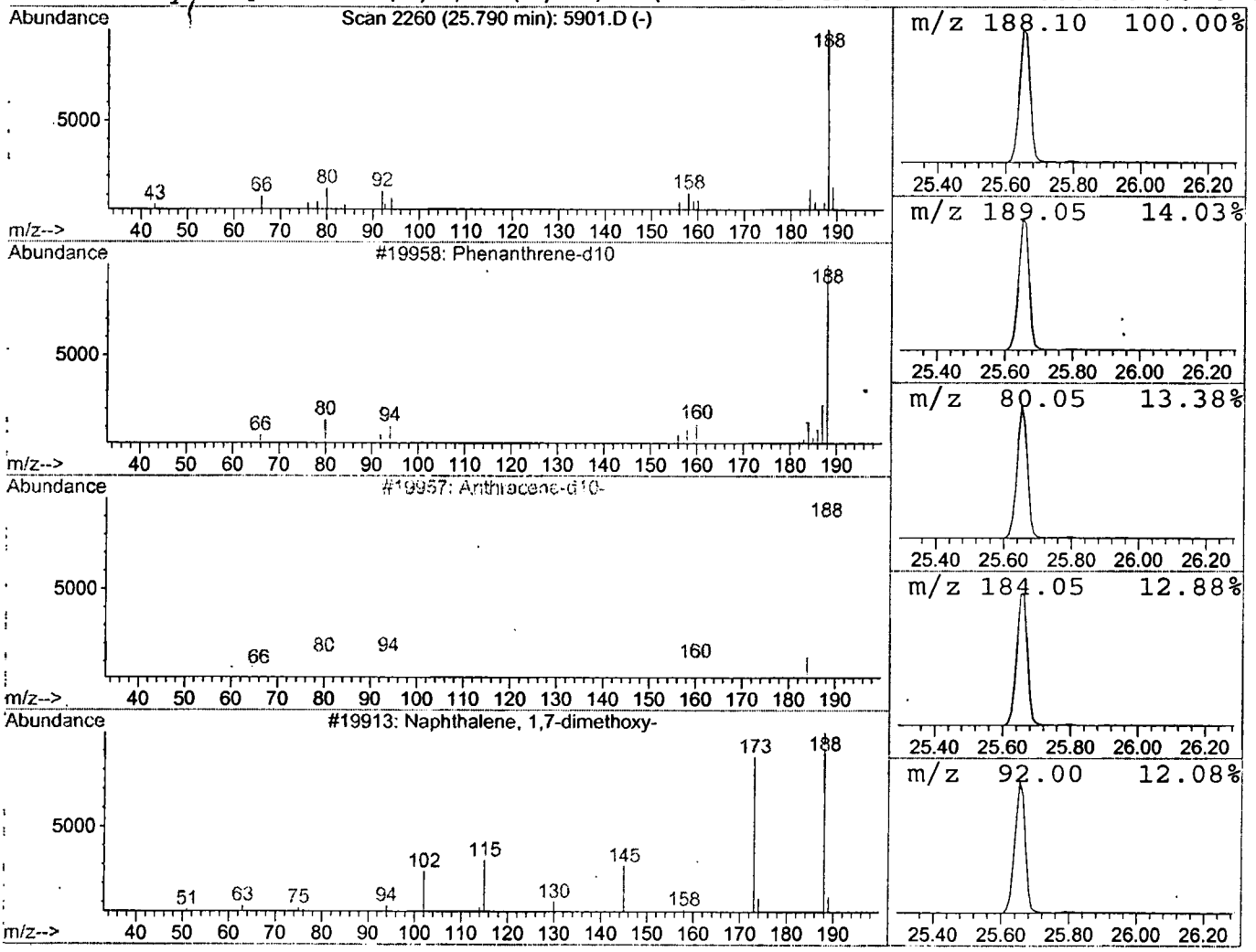
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	0.20 ug/l	29671	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 IS	188	C14D10	001517-22-2	87
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	50
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5901.D Vial: 30
Acq On : 22 Mar 2002 7:07 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

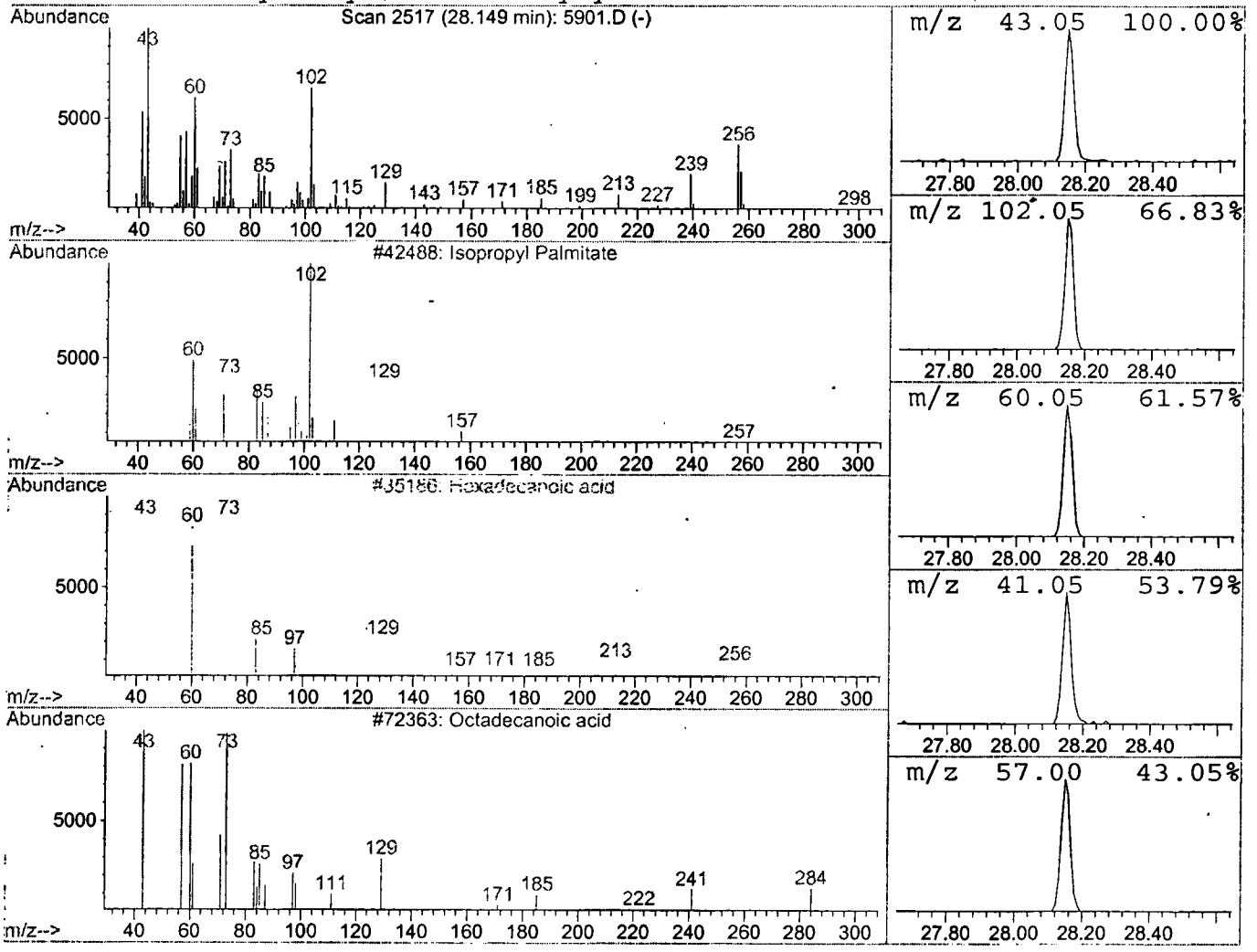
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Isopropyl Palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	1.47 ug/l	215654	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	35
2	Hexadecanoic acid	256	C16H32O2	000057-10-3	35
3	Octadecanoic acid	284	C18H36O2	000057-11-4	20
4	Bis(trimethylsilyl)-3-methoxytyrami	311	C15H29NO2Si2	000000-00-0	14



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 7:07 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\5901.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	25.79	0.2	ug/l	29671	ISTD04	25.65	2926900	20.0
Isopropyl Palmitate	28.15	1.5	ug/l	215654	ISTD04	25.65	2926900	20.0

5901.D GCMS0308.M Mon Mar 25 14:32:27 2002