User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:55:37

Sample: AE05898
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:54 Ended: 3/29/02 08:54 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 AE05898 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:56:20

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\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:29 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	909093	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	3510337	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1896027	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.67	188	2885077	20.00	ug/l	-0.09
38) Chrysene-d12	33.73	240	1764908	20.00	ug/l	-0.11
44) Perylene-d12	37.98	264	989243	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	88552	4.22	ug/mL	0.23
Spiked Amount 5.000			Recovery = 84.40%			
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	15.96	128	293	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	21.76	165	300	N.D.		
25) Diethylphthalate	22.69	149	722	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\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:29 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

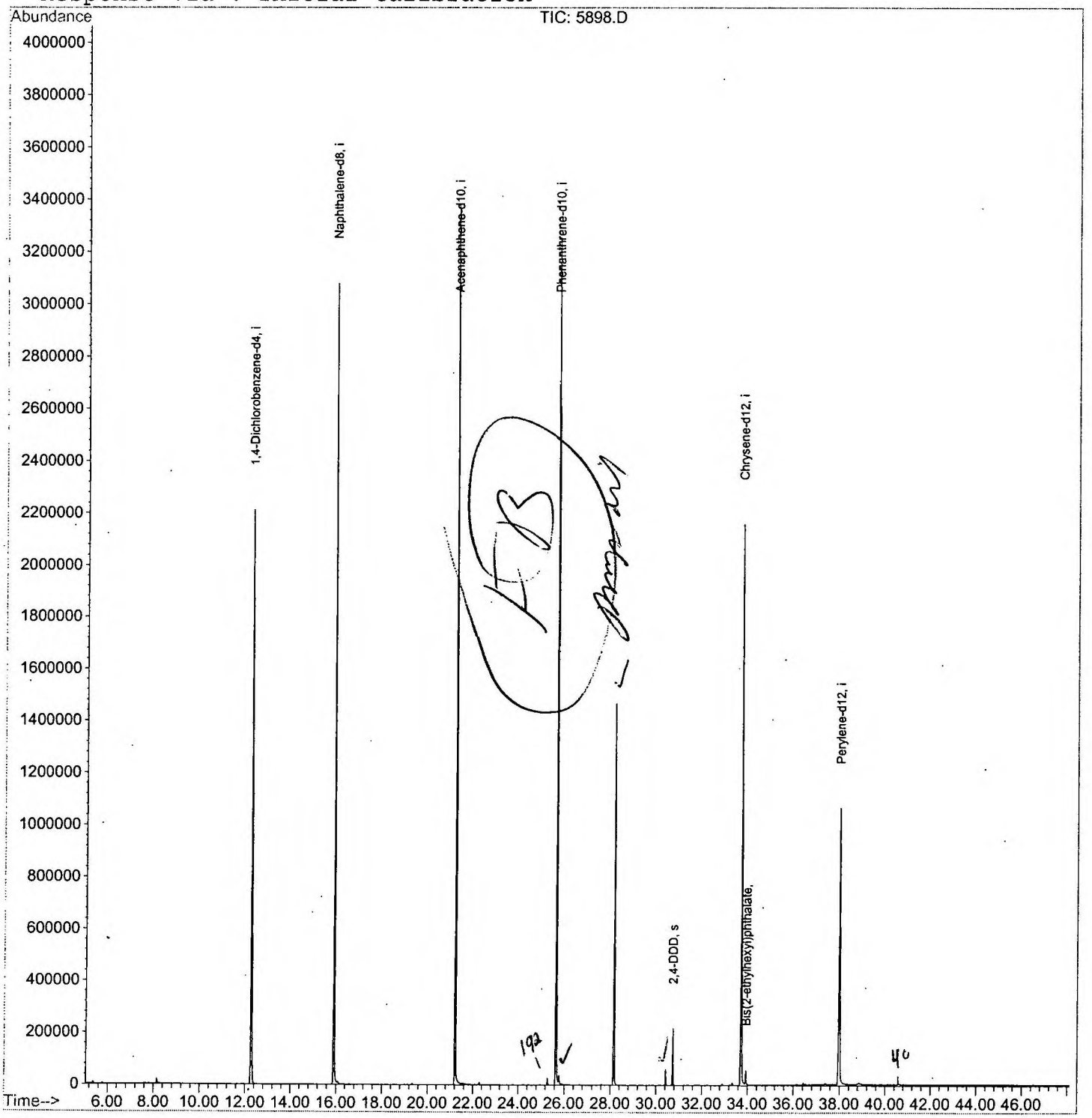
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.67	178	868	N.D.	
34)	Anthracene	25.67	178	868	N.D.	
35)	Di-n-butylphthalate	27.62	149	6119	N.D.	
36)	Fluoranthene	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	33.73	228	4436	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	34956	0.50 ug/l	95
43)	Chrysene	33.73	228	4436	N.D.	
45)	Di-n-Octylphthalate	35.69	149	636	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	633	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	662	N.D.	
48)	Benzo(a)pyrene	37.99	252	4221	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\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:29 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\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb 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

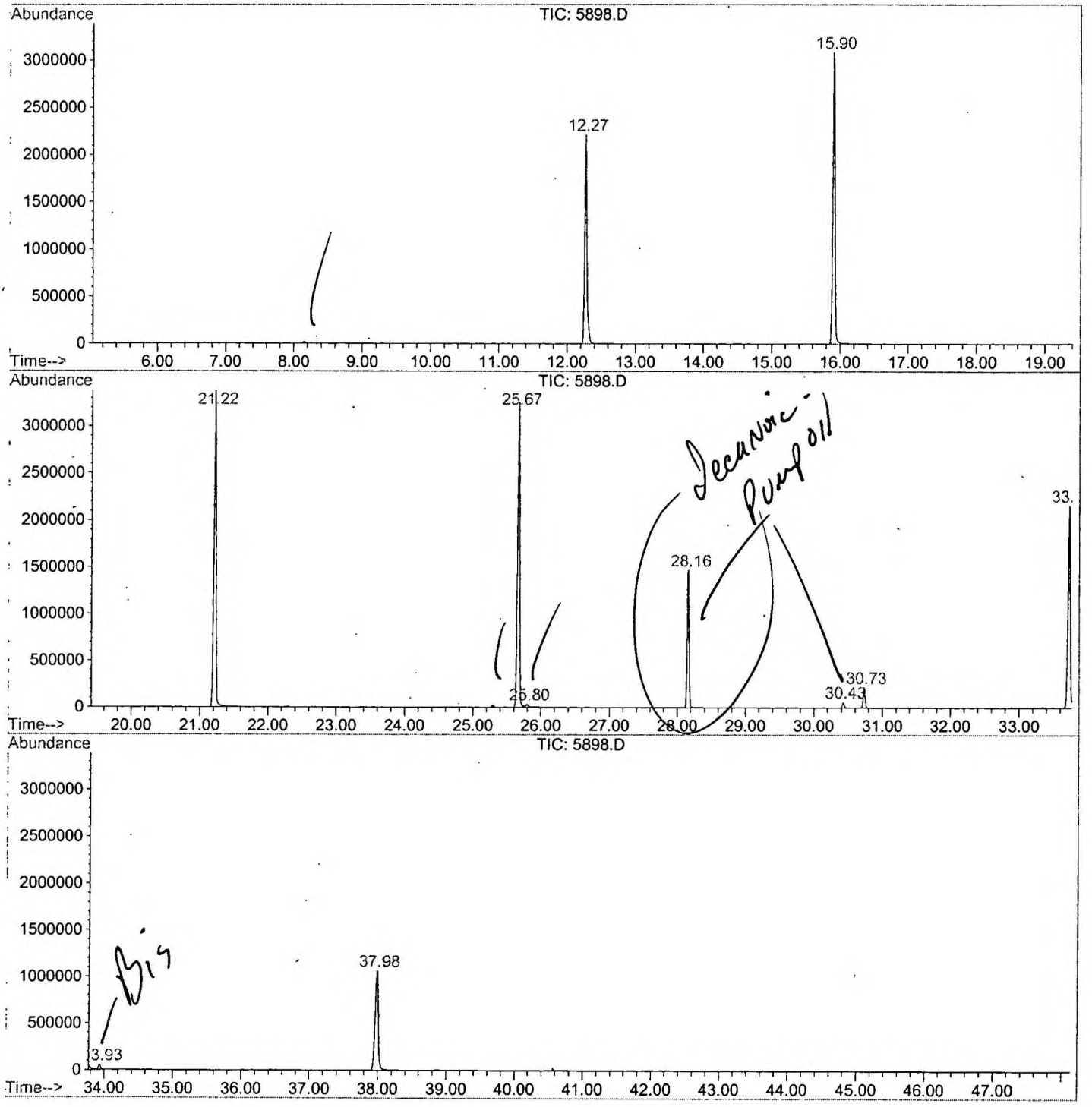
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.269	781	787	804	rBV	2211368	5007226	67.84%	12.962%
2	15.905	1177	1183	1200	rBV	3079540	6658983	90.22%	17.237%
3	21.220	1755	1762	1786	rBV	3384713	7380601	100.00%	19.105%
4	25.673	2239	2247	2257	rBV	3256145	7317562	99.15%	18.942%
5	25.801	2257	2261	2274	rVB	34453	89942	1.22%	0.233%
6	28.160	2512	2518	2533	rBV	1468050	2881161	39.04%	7.458%
7	30.428	2760	2765	2776	rVB	61983	112715	1.53%	0.292%
8	30.731	2793	2798	2804	rBV	218075	447216	6.06%	1.158%
9	33.733	3116	3125	3142	rBV2	2160500	5184290	70.24%	13.420%
10	33.935	3142	3147	3157	rVB	54968	126634	1.72%	0.328%
11	37.983	3578	3588	3602	rBV2	1064202	3424974	46.41%	8.866%

Sum of corrected areas: 38631304

5898.D GCMS0308.M Mon Mar 25 14:28:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\5898.D
Operator :
Acquired : 22 Mar 2002 1:56 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13 fb
Misc Info :
Vial Number: 26
Quant File :GCMS0308.RES (RTE Integrator)



5898.D GCMS0308.M Mon Mar 25 14:28:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

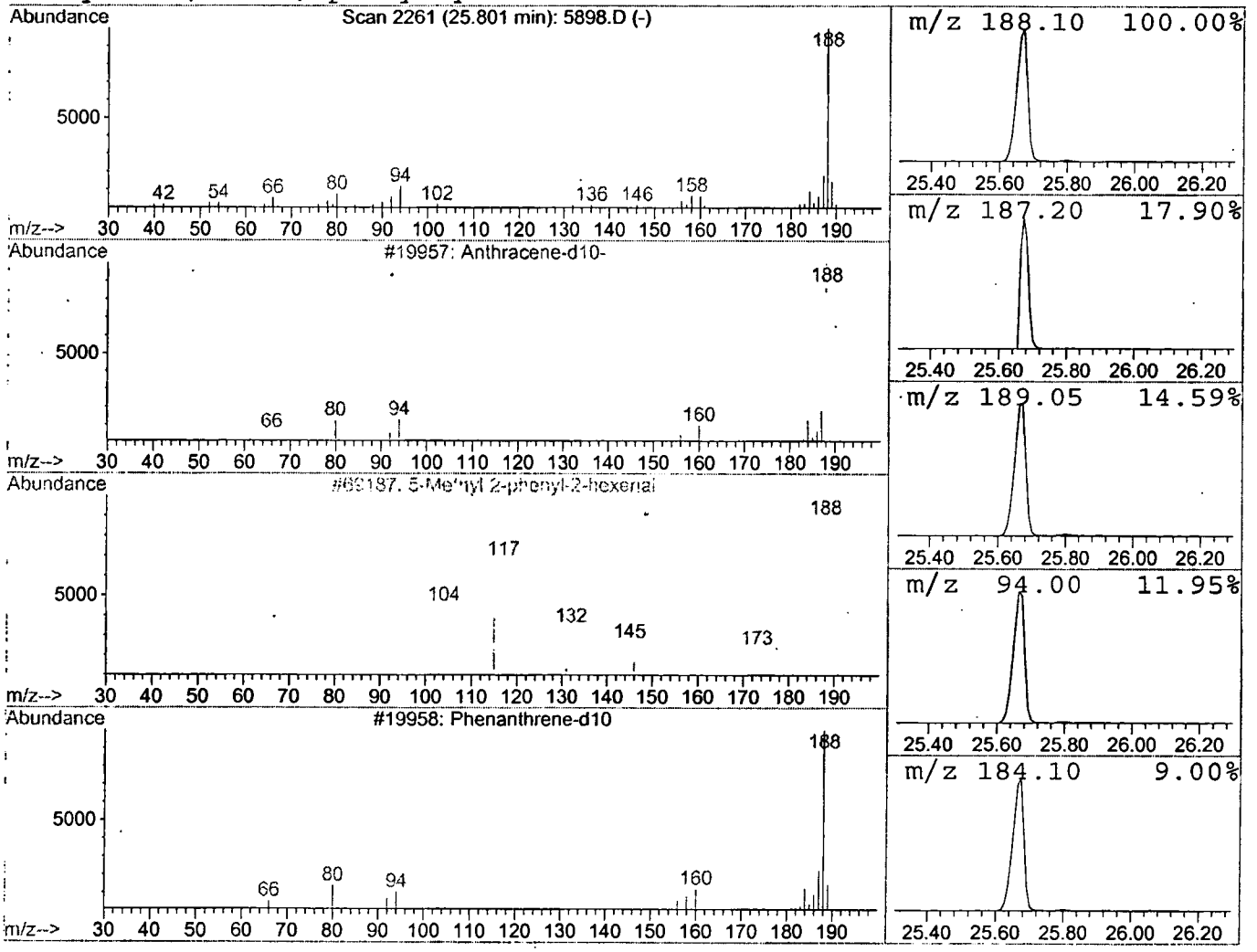
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.25 ug/l	89942	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	58
2	5-Methyl-2-phenyl-2-hexenal	188	C13H16O	021834-92-4	50
3	Phenanthrene-d10	188	C14D10	001517-22-2	50
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

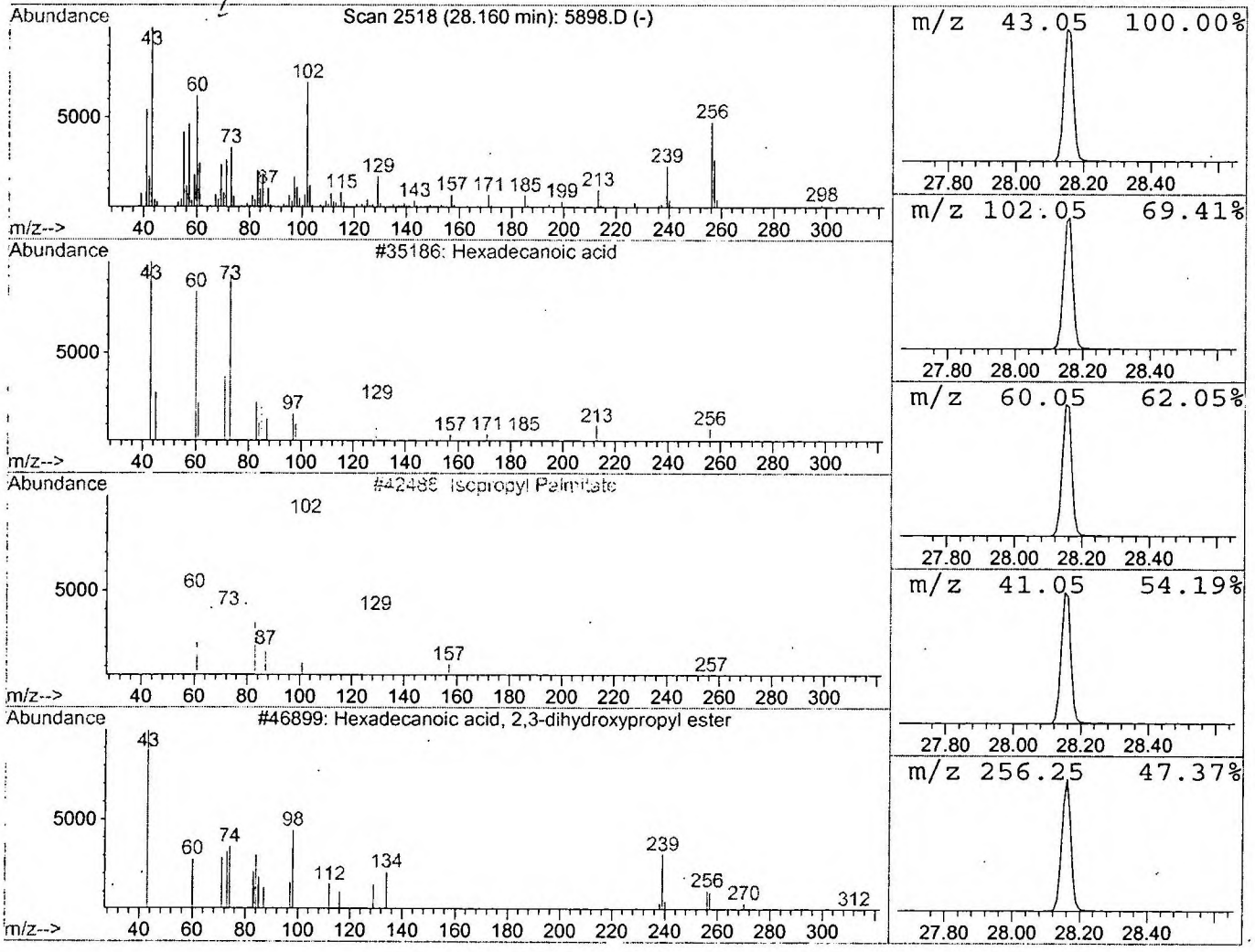
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	7.87 ug/l	2881160	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	35
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	25
3	Hexadecanoic acid, 2,3-dihydroxypro	330	C19H38O4	000542-44-9	22
4	Nonadecanoic acid	298	C19H38O2	000646-30-0	15



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5898.D Vial: 26
Acq On : 22 Mar 2002 1:56 pm Operator:
Sample : gc/ms scan 3/13 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

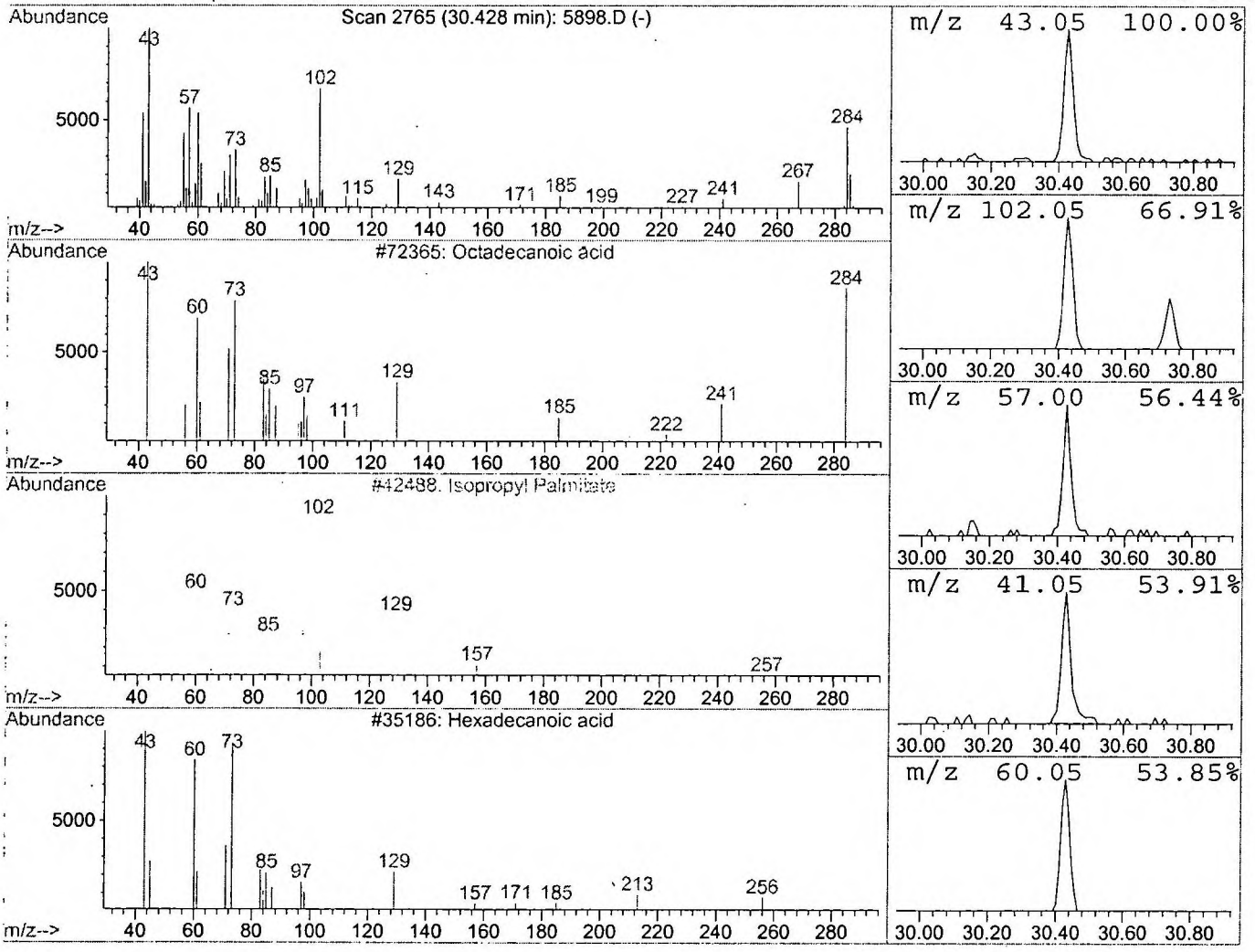
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.43	0.43 ug/l	112715	Chrysene-d12	33.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	55
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	38
3	Hexadecanoic acid	256	C16H32O2	000057-10-3	22
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	14



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 1:56 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\5898.D
Name: gc/ms scan 3/13 fb
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
Anthracene-d10-	25.80	0.2	ug/l	89942	ISTD04	25.67	7317560	20.0
Hexadecanoic acid	28.16	7.9	ug/l	2881160	ISTD04	25.67	7317560	20.0
Octadecanoic acid	30.43	0.4	ug/l	112715	ISTD05	33.73	5184290	20.0

5898.D GCMS0308.M Mon Mar 25 14:28:39 2002