User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:57:38

Sample: AE05899
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:56 Ended: 3/29/02 08:56 Analyst: DLV
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		86		5.0

Comments for Sample AE05899 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:57:42

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\5899.D Vial: 27
Acq On : 22 Mar 2002 2:55 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 11:40 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	1110442	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	4300798m	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.23	164	2344845	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.67	188	3562200	20.00	ug/l	-0.10
38) Chrysene-d12	33.74	240	2121841	20.00	ug/l	-0.10
44) Perylene-d12	37.99	264	1326019	20.00	ug/l	-0.13
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	70572	~~2.73~~ 4.3	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~54.60%~~ 86%		
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	299	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	21.73	165	412	N.D.		
25) Diethylphthalate	22.70	149	616	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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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	1217	N.D.	
34)	Anthracene	25.67	178	1217	N.D.	
35)	Di-n-butylphthalate	27.63	149	4223	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	33.74	228	5084	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	4939	N.D.	
43)	Chrysene	33.74	228	5083	N.D.	
45)	Di-n-Octylphthalate	35.68	149	192	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	298	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	328	N.D.	
48)	Benzo(a)pyrene	38.00	252	5296	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

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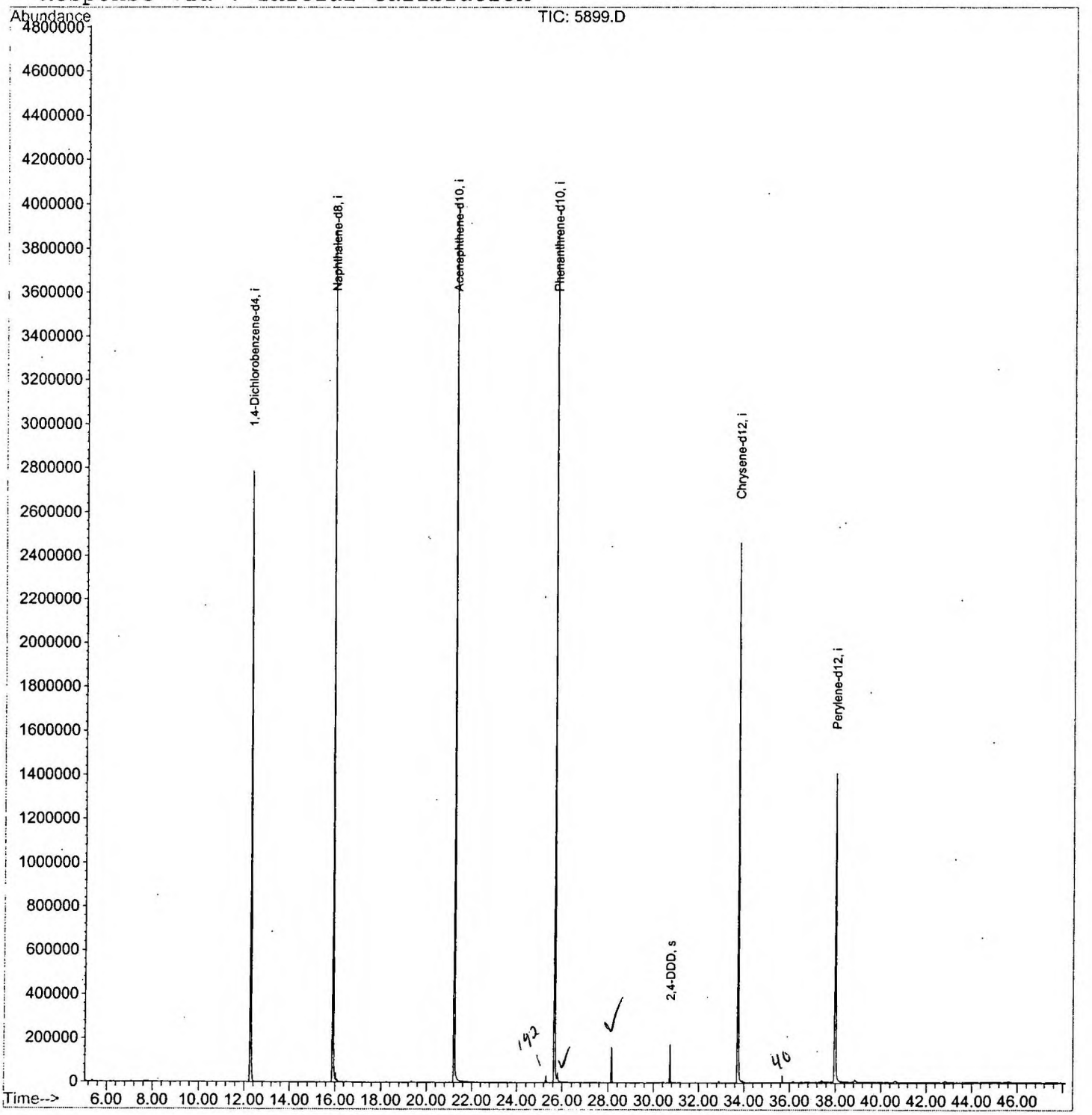
Acq On : 22 Mar 2002 2:55 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 11:40 2002 Quant Results File: GCMS0308.RES

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\5899.D Vial: 27
Acq On : 22 Mar 2002 2:55 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

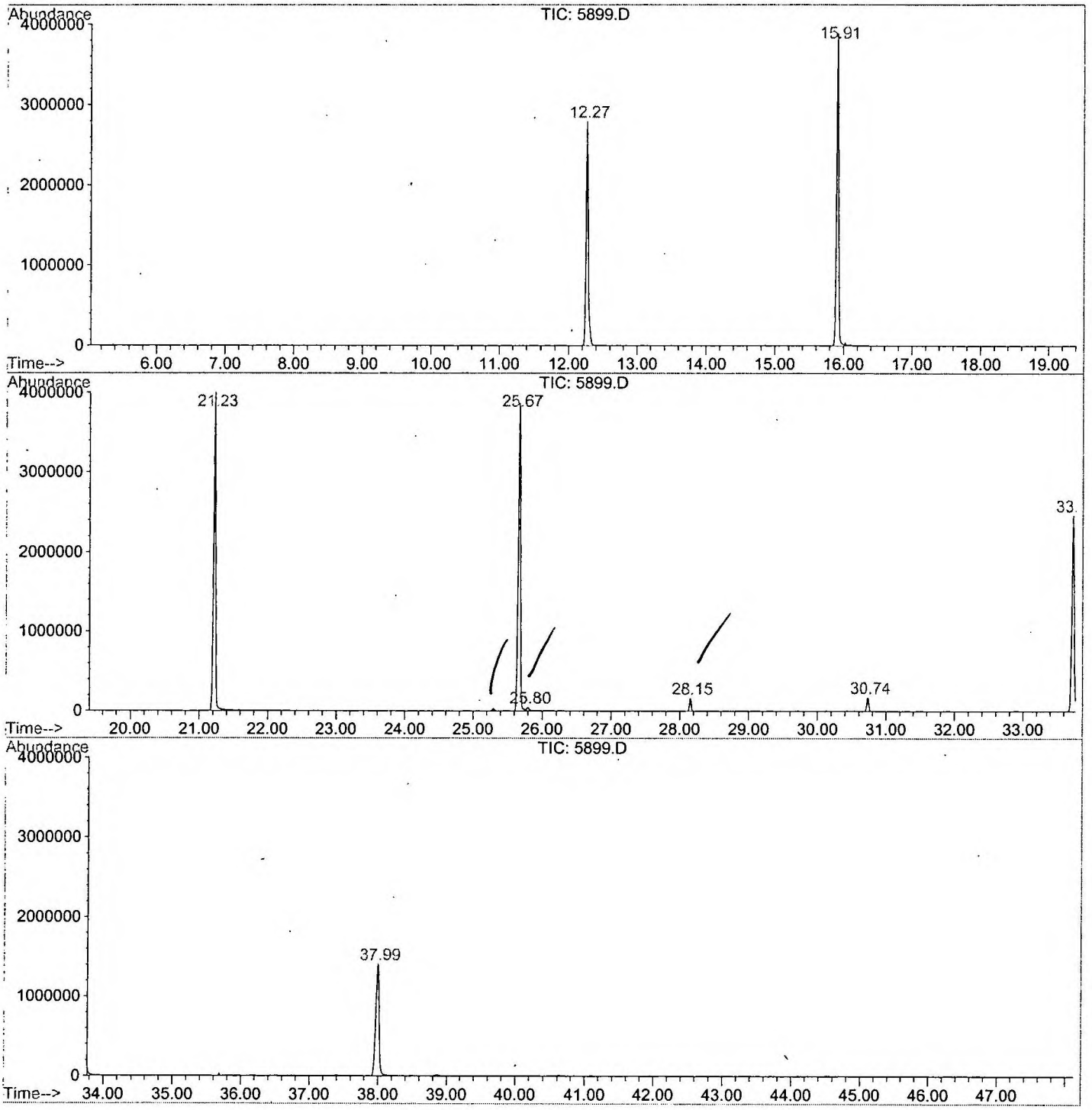
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	780	787	804	rBV	2785677	6168475	68.55%	14.034%
2	15.912	1176	1184	1195	rBV	3882059	8191647	91.04%	18.637%
3	21.227	1754	1763	1777	rBV	4004764	8998126	100.00%	20.471%
4	25.671	2239	2247	2257	rBV2	3867134	8969052	99.68%	20.405%
5	25.799	2257	2261	2274	rVB	41610	110760	1.23%	0.252%
6	28.149	2513	2517	2523	rBV	162553	301808	3.35%	0.687%
7	30.738	2793	2799	2804	rBV	174258	360517	4.01%	0.820%
8	33.740	3117	3126	3142	rBV2	2463202	6230929	69.25%	14.176%
9	37.991	3578	3589	3608	rBV2	1406797	4623370	51.38%	10.518%

Sum of corrected areas: 43954684

5899.D GCMS0308.M Mon Mar 25 14:29:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\5899.D
Operator :
Acquired : 22 Mar 2002 2:55 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13
Misc Info :
Vial Number: 27
Quant File :GCMS0308.RES (RTE Integrator)



5899.D GCMS0308.M Mon Mar 25 14:29:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5899.D Vial: 27
Acq On : 22 Mar 2002 2:55 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

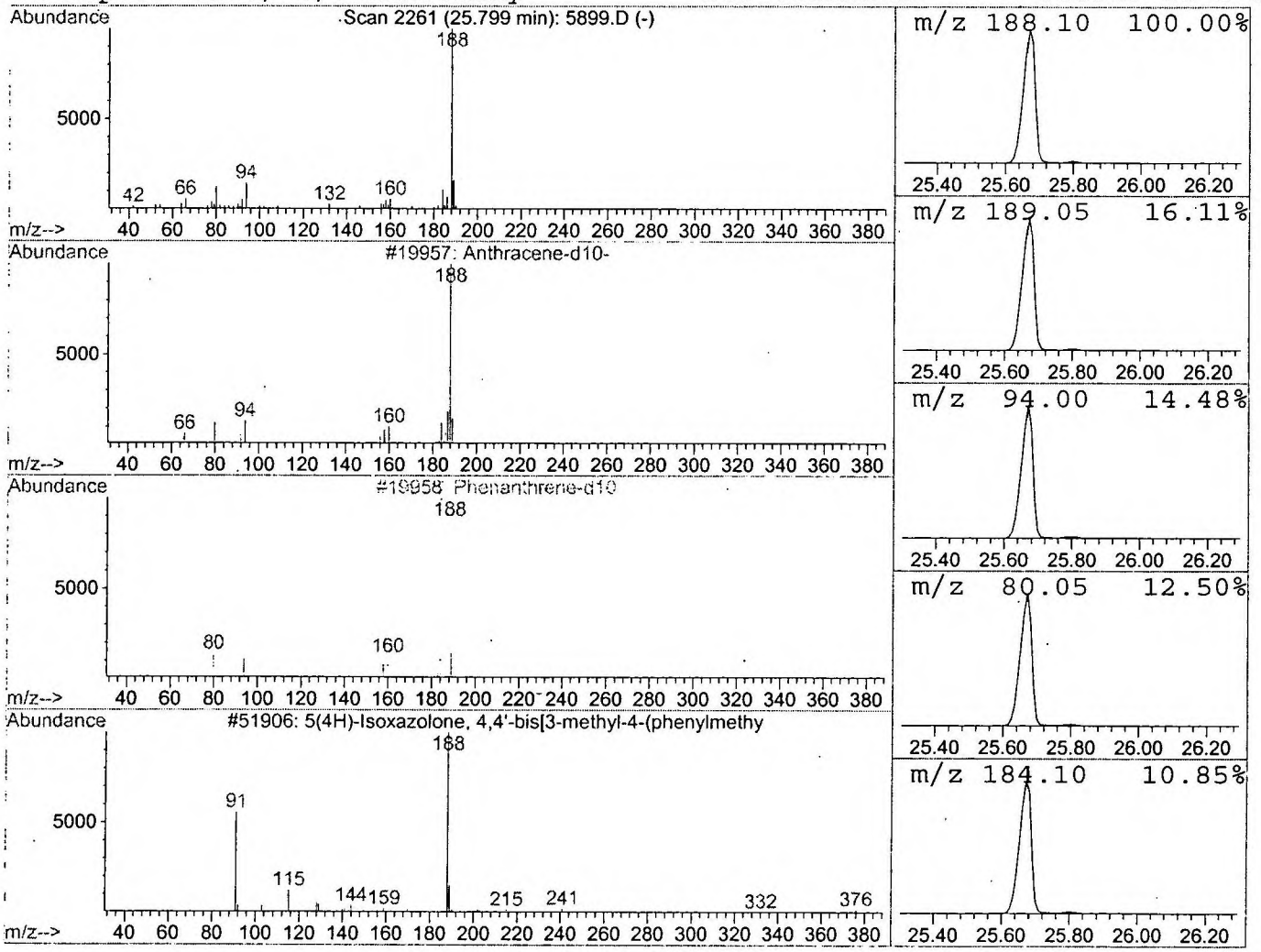
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.25 ug/l	110760	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	5(4H)-Isoxazolone, 4,4'-bis[3-methy	376	C22H20N2O4	000000-00-0	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\5899.D Vial: 27
Acq On : 22 Mar 2002 2:55 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

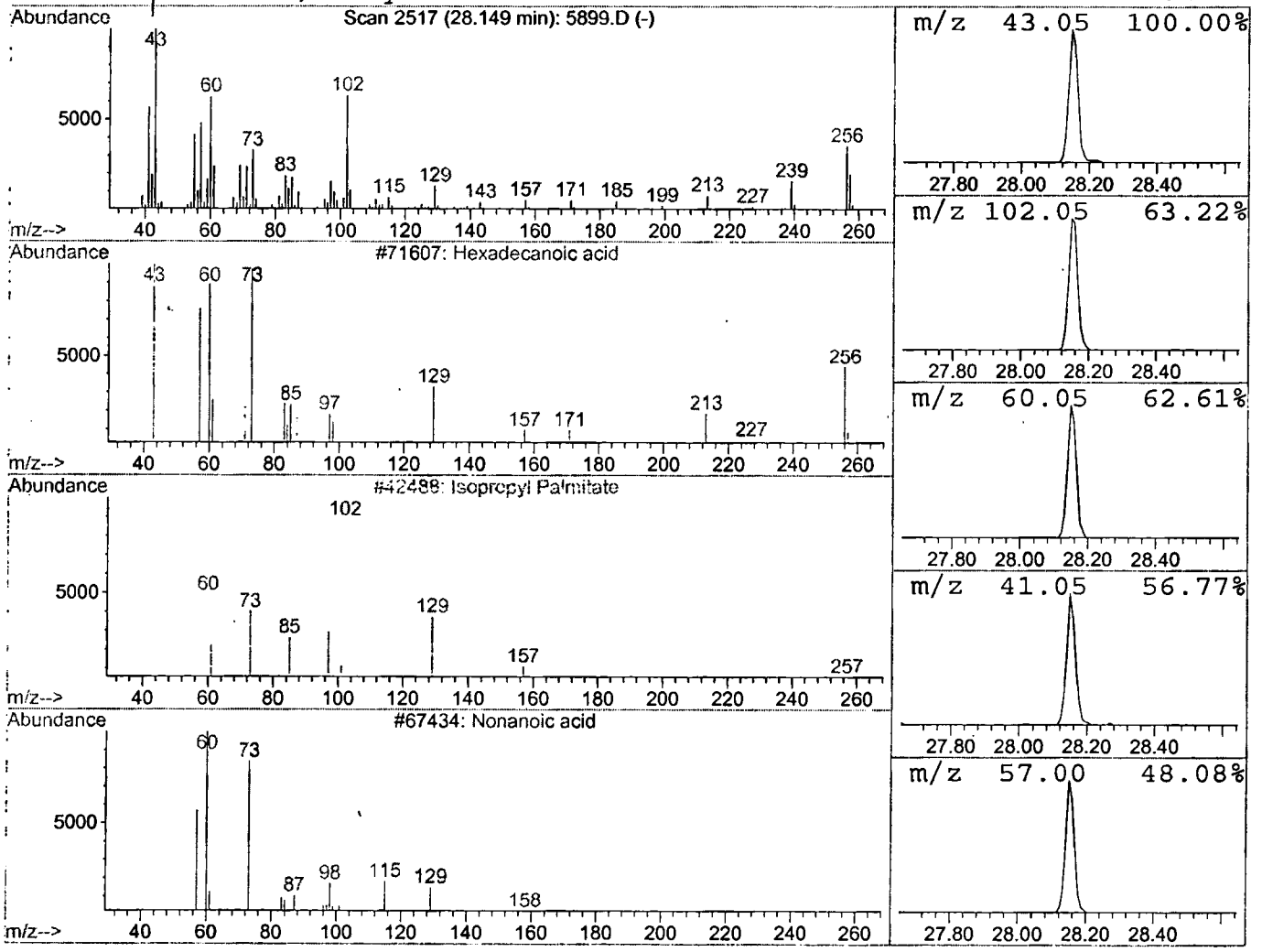
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.67 ug/l	301808	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	38
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	27
3	Nonanoic acid	158	C9H18O2	000112-05-0	18
4	Octanoic acid, ethyl ester	172	C10H20O2	000106-32-1	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 2:55 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\5899.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
Anthracene-d10-	25.80	0.2	ug/l	110760	ISTD04	25.67	8969050	20.0
Hexadecanoic acid	28.15	0.7	ug/l	301808	ISTD04	25.67	8969050	20.0

5899.D GCMS0308.M Mon Mar 25 14:29:33 2002