User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:48:16

Sample: AE03735
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:46 Ended: 3/29/02 08:46 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 AE03735 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:48:21

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\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 10:35 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	729953	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2887548	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1570052	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.66	188	2375755	20.00	ug/l	-0.10
38) Chrysene-d12	33.73	240	1576779	20.00	ug/l	-0.11
44) Perylene-d12	37.98	264	970436	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	82569	4.78	ug/mL	0.23
Spiked Amount 5.000			Recovery = 95.60%			
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	15.96	128	365	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	21.66	165	198	N.D.		
25) Diethylphthalate	22.69	149	341	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\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 10:35 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

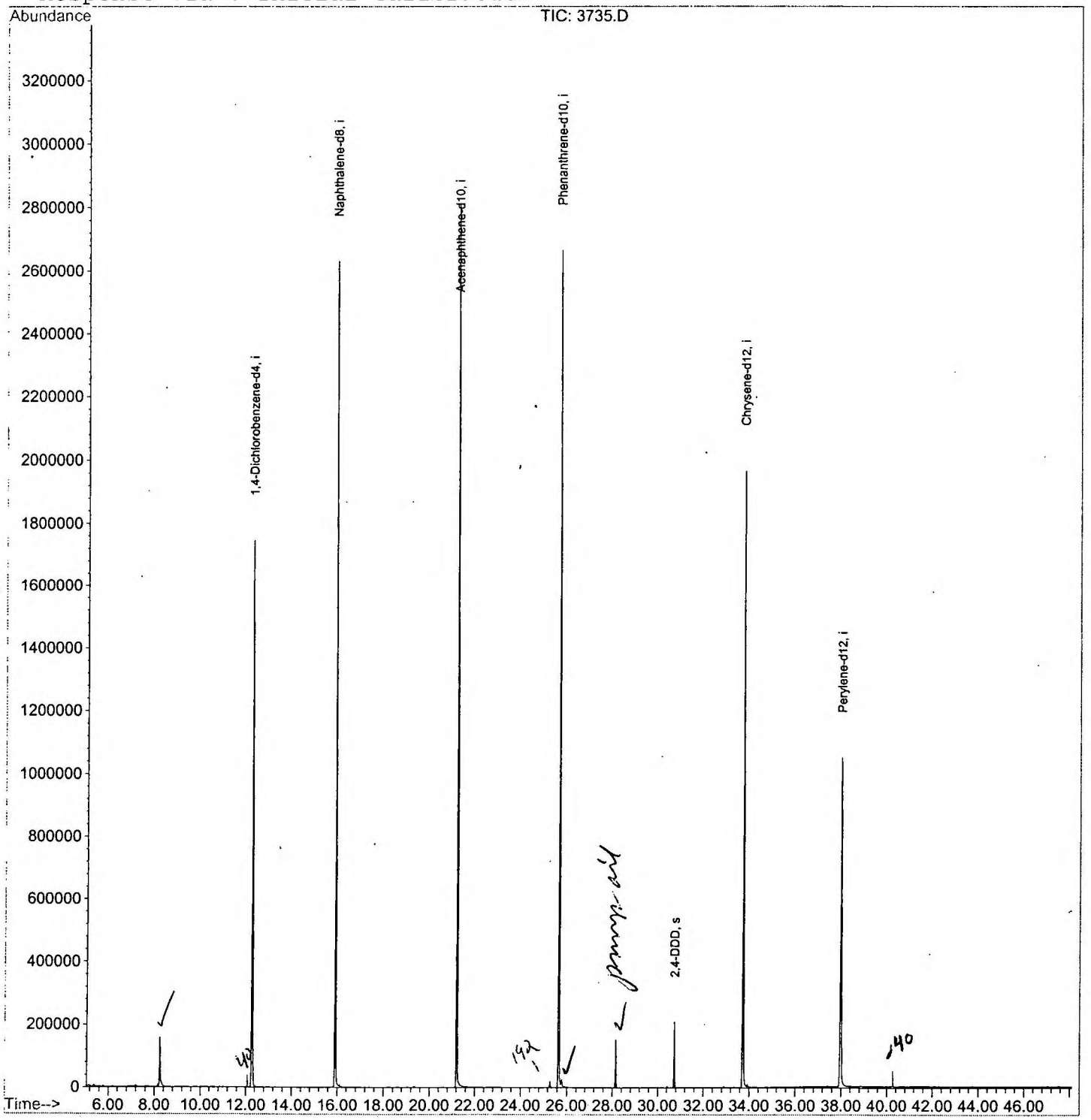
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	435	N.D.	
34)	Anthracene	25.73	178	435	N.D.	
35)	Di-n-butylphthalate	27.63	149	1749	N.D.	
36)	Fluoranthene	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	3815	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	4831	N.D.	
43)	Chrysene	33.73	228	3815	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.85	252	315	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	315	N.D.	
48)	Benzo(a)pyrene	37.98	252	4055	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\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 10:35 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\MAR2102\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract 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

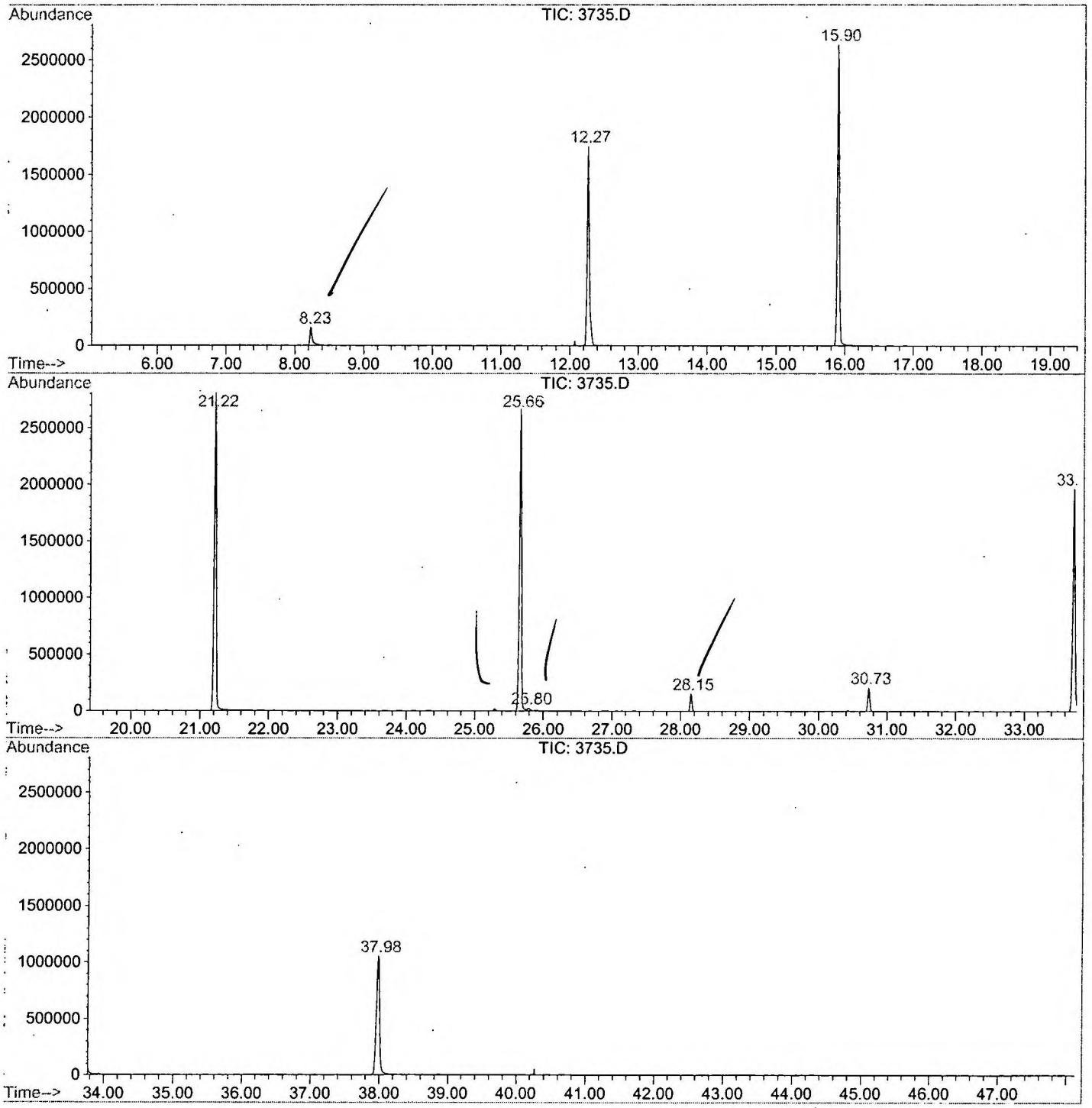
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.228	344	347	370	rVB	157045	391015	6.45%	1.271%
2	12.267	781	787	807	rBV	1745597	4009724	66.13%	13.032%
3	15.903	1177	1183	1200	rBV	2629920	5449060	89.86%	17.710%
4	21.218	1755	1762	1773	rBV	2813617	6063823	100.00%	19.709%
5	25.661	2238	2246	2257	rBV2	2666313	6030834	99.46%	19.601%
6	25.799	2257	2261	2269	rVB	23456	61417	1.01%	0.200%
7	28.149	2512	2517	2523	rBV	152800	279654	4.61%	0.909%
8	30.729	2793	2798	2804	rBV	209132	413507	6.82%	1.344%
9	33.731	3117	3125	3143	rBV	1966534	4675397	77.10%	15.196%
10	37.981	3578	3588	3604	rBV2	1050648	3393092	55.96%	11.028%

Sum of corrected areas: 30767523

3735.D GCMS0308.M Mon Mar 25 14:24:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\3735.D
Operator :
Acquired : 22 Mar 2002 7:00 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 21
Quant File :GCMS0308.RES (RTE Integrator)



3735.D GCMS0308.M Mon Mar 25 14:24:35 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

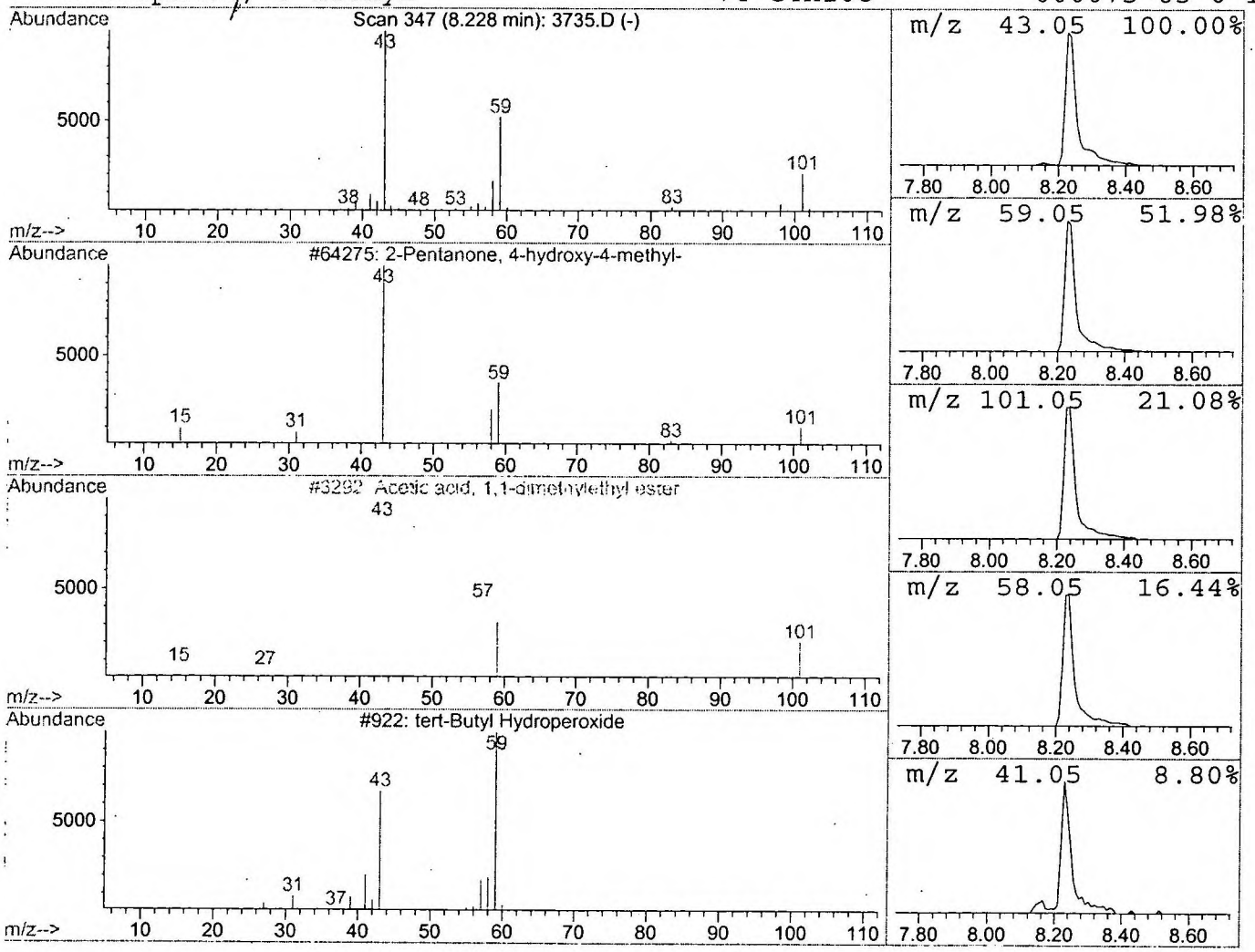
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	1.95 ug/l	391015	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

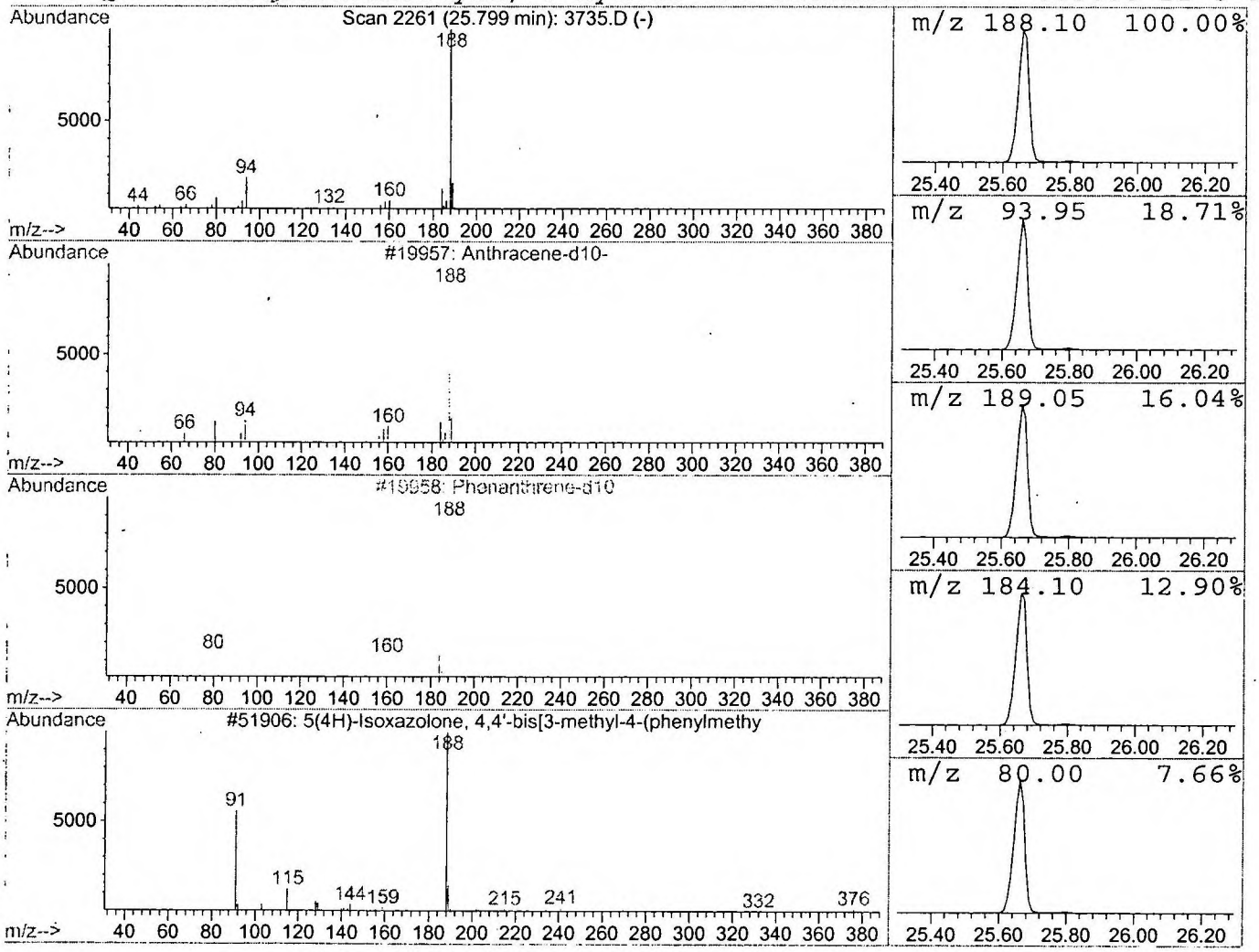
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.20 ug/l	61417	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	50
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	5(4H)-Isoxazolone, 4,4'-bis[3-methy	376	C22H20N2O4	000000-00-0	36
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\3735.D Vial: 21
Acq On : 22 Mar 2002 7:00 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

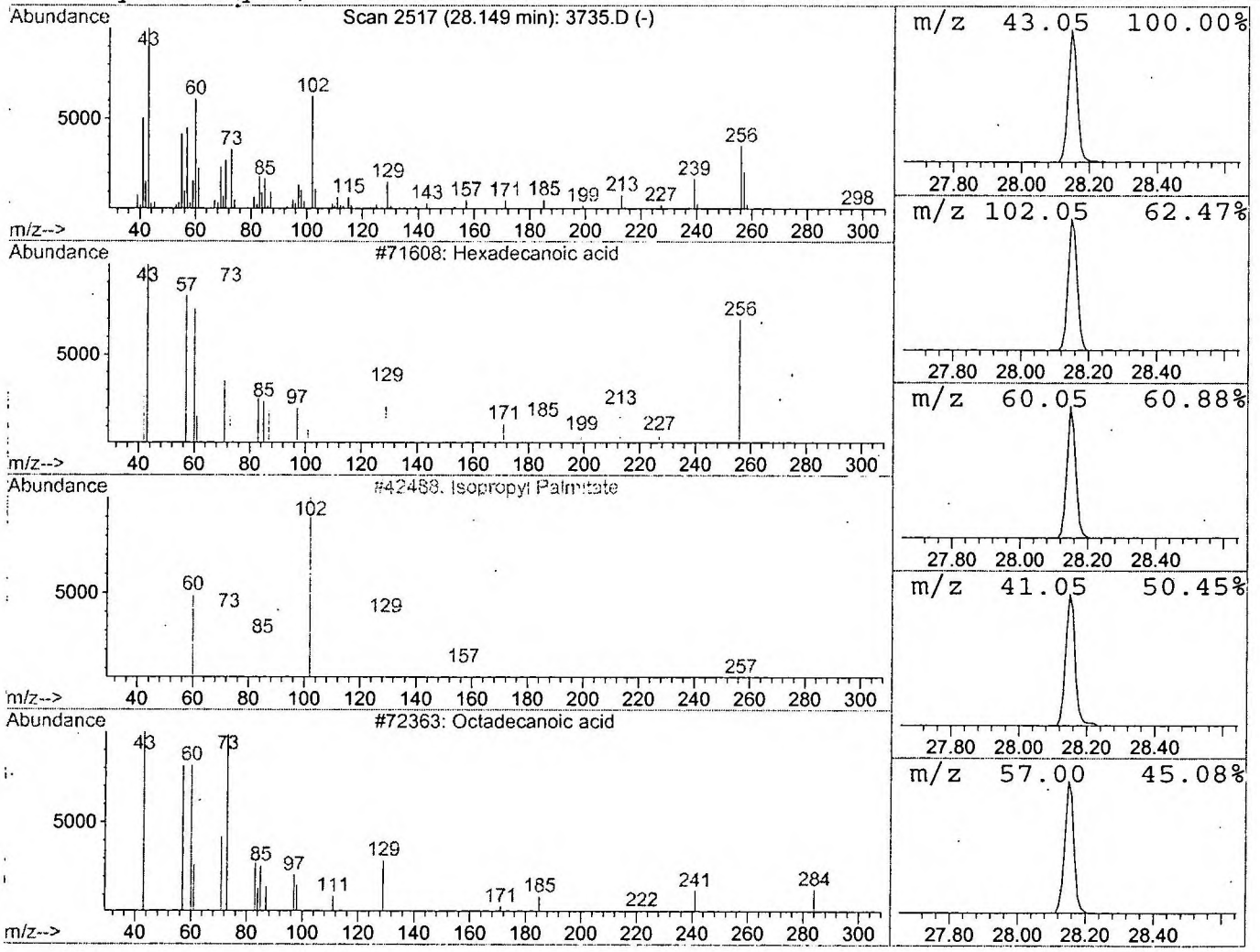
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.93 ug/l	279654	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	43
3	Octadecanoic acid	284	C18H36O2	000057-11-4	30
4	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	22



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 7:00 am
Data File: C:\HPCHEM\1\DATA\MAR2102\3735.D
Name: re-extract
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
2-Pentanone, 4-hydro	8.23	2.0	ug/l	391015	ISTD01	12.27	4009720	20.0
Anthracene-d10-	25.80	0.2	ug/l	61417	ISTD04	25.66	6030830	20.0
Hexadecanoic acid	28.15	0.9	ug/l	279654	ISTD04	25.66	6030830	20.0

3735.D GCMS0308.M Mon Mar 25 14:24:52 2002