User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:46:22

Sample: AE01331
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:45 Ended: 3/29/02 08:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		103		5.0

Comments for Sample AE01331 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:46:25

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\1331.D Vial: 20
Acq On : 22 Mar 2002 6:01 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 10:33 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	12.26	152	771886	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	3064621	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1634496	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.67	188	2416597	20.00	ug/l	-0.10
38) Chrysene-d12	33.73	240	1576401	20.00	ug/l	-0.12
44) Perylene-d12	37.99	264	1003898	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	90426	5.15	ug/mL	0.24
Spiked Amount 5.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.51	74	207	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	653	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	21.56	165	310	N.D.		
25) Diethylphthalate	22.69	149	608	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

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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	890	N.D.	
34)	Anthracene	25.67	178	801	N.D.	
35)	Di-n-butylphthalate	27.62	149	3270	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	196	N.D.	
41)	Benzo(a)anthracene	33.73	228	4260	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	12552	N.D.	
43)	Chrysene	33.79	228	457	N.D.	
45)	Di-n-Octylphthalate	35.68	149	429	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	131	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	529	N.D.	
48)	Benzo(a)pyrene	37.98	252	4053	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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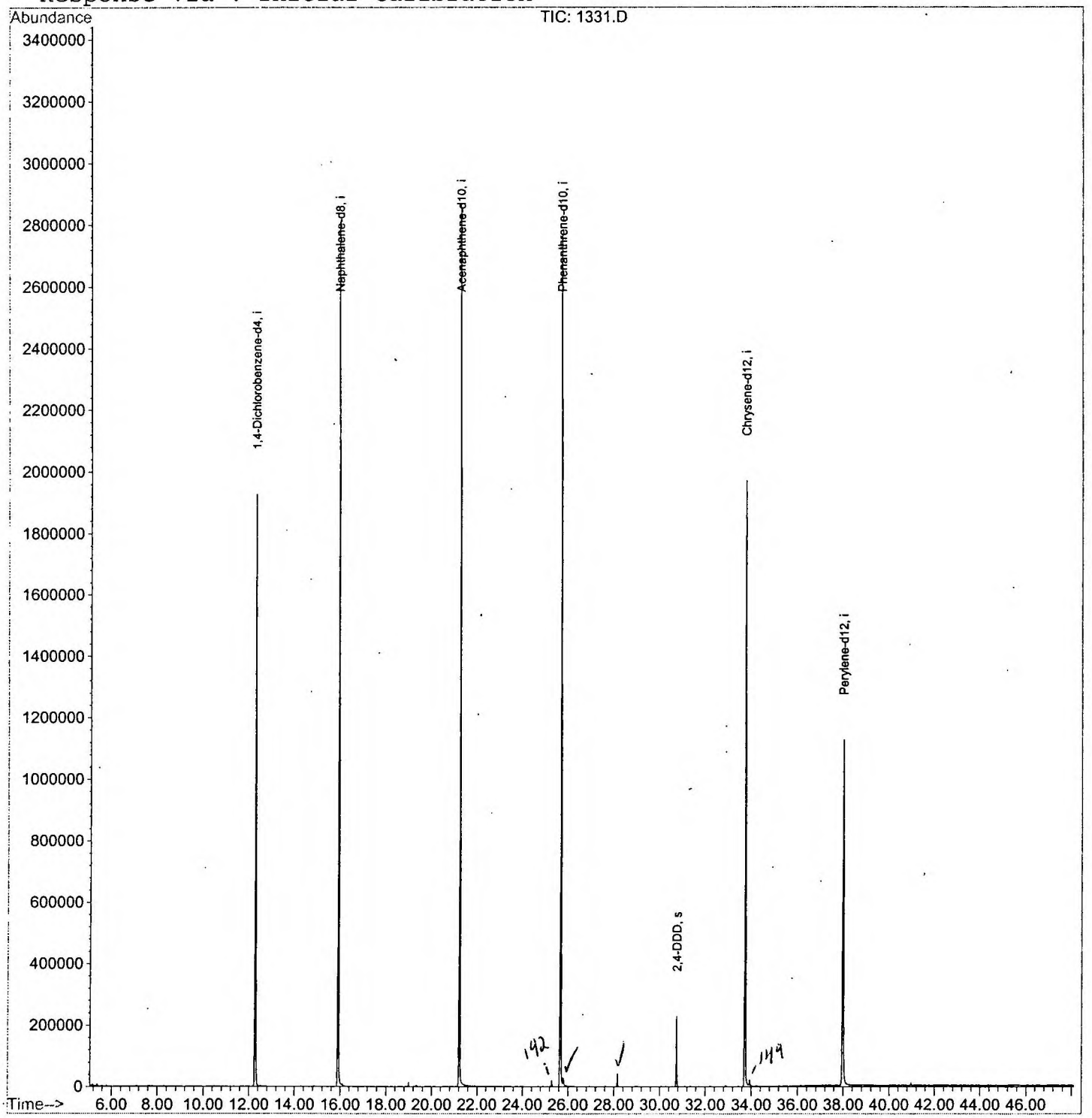
Acq On : 22 Mar 2002 6:01 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 10:33 2002 Quant Results File: GCMS0308.RES

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\1331.D Vial: 20
Acq On : 22 Mar 2002 6:01 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

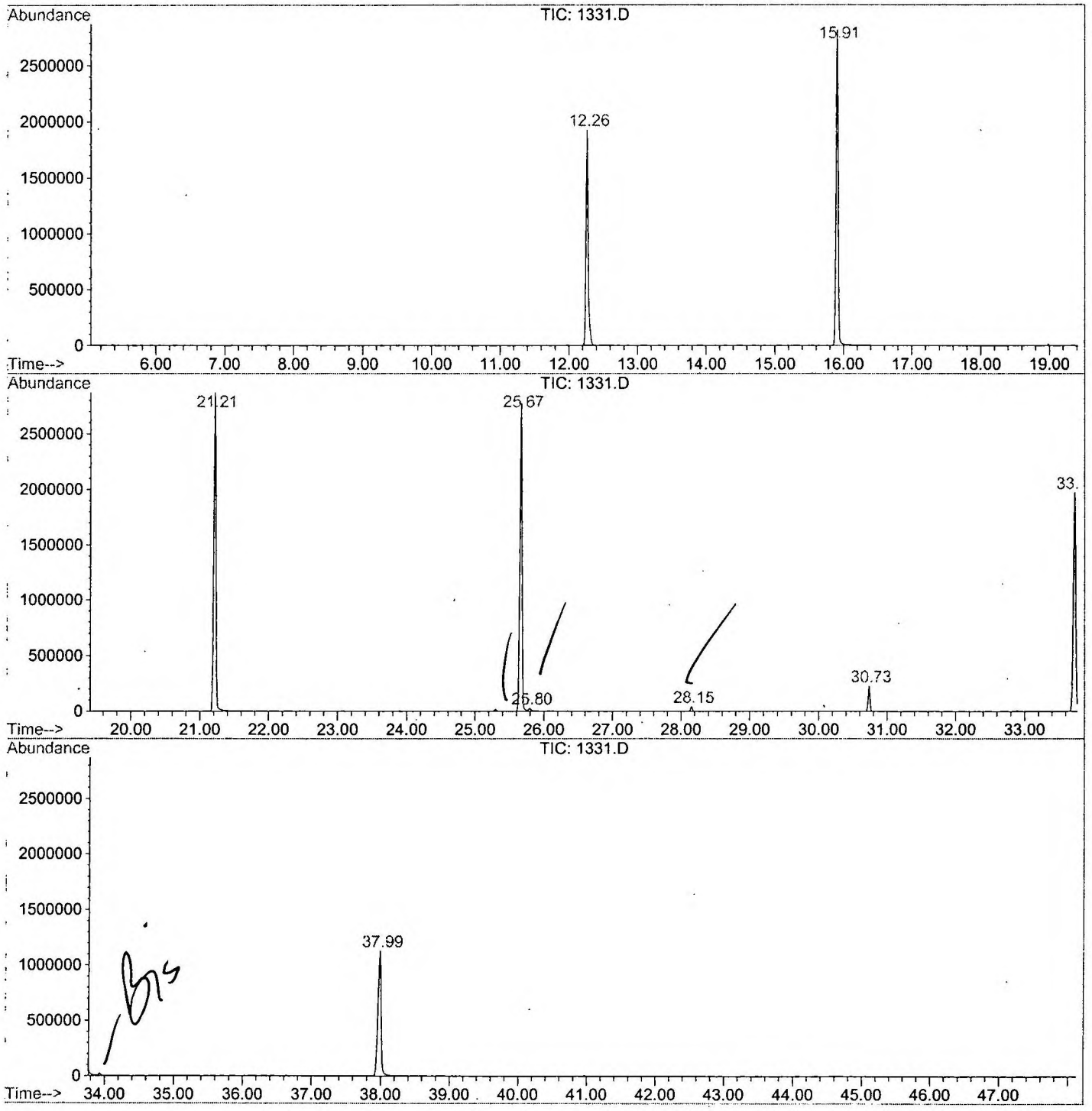
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.264	781	786	798	rBV	1923985	4244450	67.79%	13.586%
2	15.908	1176	1183	1200	rBV	2810223	5805157	92.71%	18.582%
3	21.214	1754	1761	1776	rBV	2869814	6261599	100.00%	20.043%
4	25.667	2238	2246	2256	rBV2	2769738	6161325	98.40%	19.722%
5	25.795	2256	2260	2272	rVB	25527	65975	1.05%	0.211%
6	28.155	2512	2517	2528	rVB	43117	76184	1.22%	0.244%
7	30.734	2792	2798	2806	rBV	229125	451225	7.21%	1.444%
8	33.727	3116	3124	3141	rBV2	1970912	4655586	74.35%	14.902%
9	37.987	3578	3588	3612	rBV2	1123300	3519427	56.21%	11.265%

Sum of corrected areas: 31240928

1331.D GCMS0308.M Mon Mar 25 14:23:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\1331.D
Operator :
Acquired : 22 Mar 2002 6:01 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 20
Quant File :GCMS0308.RES (RTE Integrator)



1331.D GCMS0308.M Mon Mar 25 14:23:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\1331.D Vial: 20
Acq On : 22 Mar 2002 6:01 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

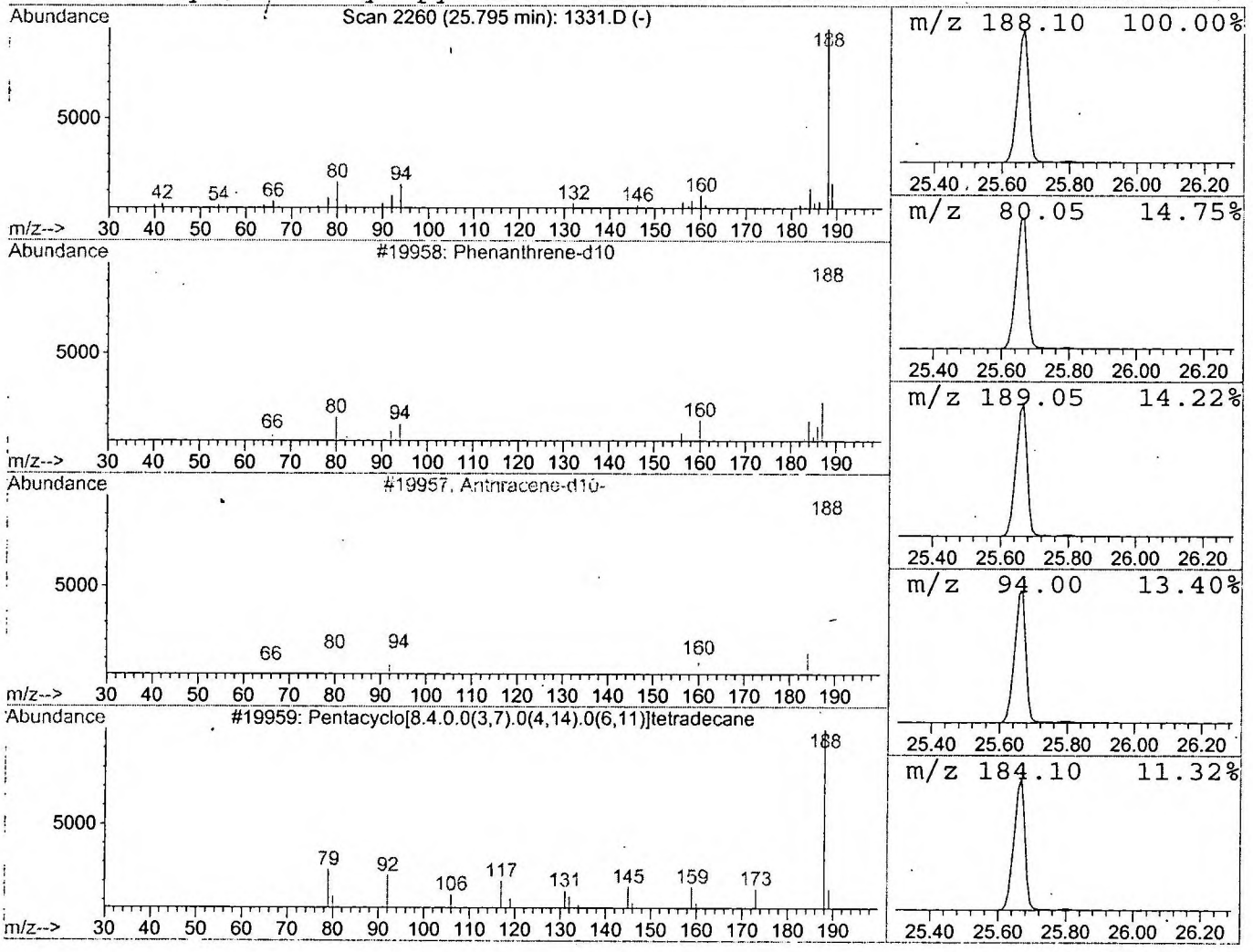
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.21 ug/l	65975	Phenanthrene-d10	25.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	83
2	Anthracene-d10-	188	C14D10	001719-06-8	53
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\1331.D Vial: 20
Acq On : 22 Mar 2002 6:01 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

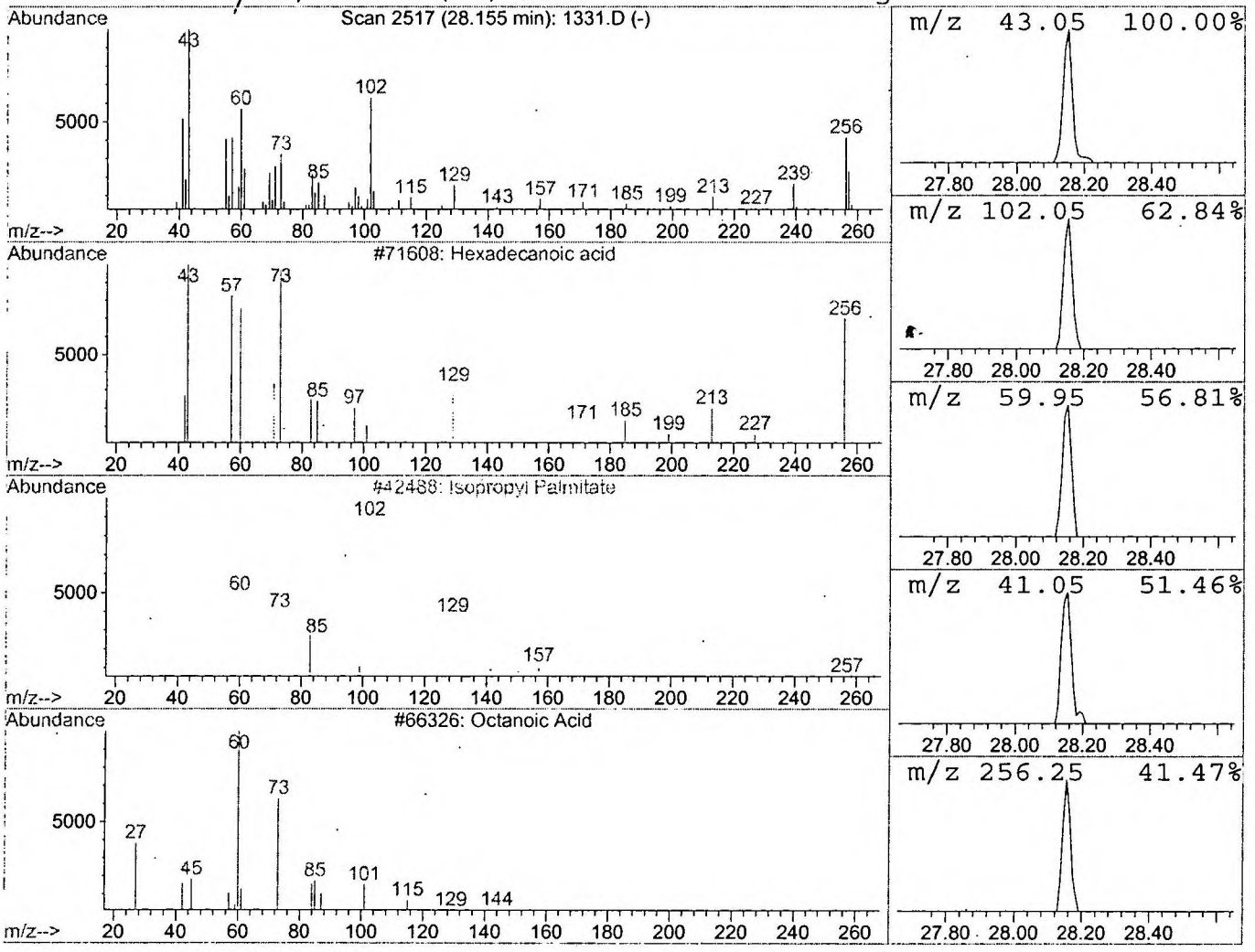
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.25 ug/l	76184	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	14
3	Octanoic Acid	144	C8H16O2	000124-07-2	10
4	Octanoic acid, silver(1+) salt	251	C8H16AgO2	024927-67-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 6:01 am
Data File: C:\HPCHEM\1\DATA\MAR2102\1331.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
Phenanthrene-d10	25.80	0.2	ug/l	65975	ISTD04	25.67	6161330	20.0
Hexadecanoic acid	28.15	0.2	ug/l	76184	ISTD04	25.67	6161330	20.0

1331.D GCMS0308.M Mon Mar 25 14:23:22 2002