User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:44:06

Sample: AE01156
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:42 Ended: 3/29/02 08:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		102		5.0

Comments for Sample AE01156 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:44:33

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\MAR2102\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 9:09 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	738577	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2912992	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1559330	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	2325288	20.00	ug/l	-0.11
38) Chrysene-d12	33.73	240	1458674	20.00	ug/l	-0.11
44) Perylene-d12	37.98	264	902041	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	86121	5.10	ug/mL	0.24
Spiked Amount 5.000			Recovery = 102.00%			
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	12.17	146	574	N.D.		
5) 1,4-Dichlorobenzene	12.31	146	602	N.D.		
6) 1,2-Dichlorobenzene	12.83	146	329	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	13.67	117	289	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	14.60	82	176	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	15.78	180	336	N.D.		
15) Naphthalene	15.96	128	1065	N.D.		
16) Hexachlorobutadiene	16.52	225	577	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.49	162	253	N.D.		
20) Dimethylphthalate	20.57	163	350	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.75	152	277	N.D.		
23) Acenaphthene	21.30	153	420	N.D.		
24) 2,4-Dinitrotoluene	21.47	165	1476	N.D.		
25) Diethylphthalate	22.70	149	1019	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.84	166	512	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\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 9:09 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

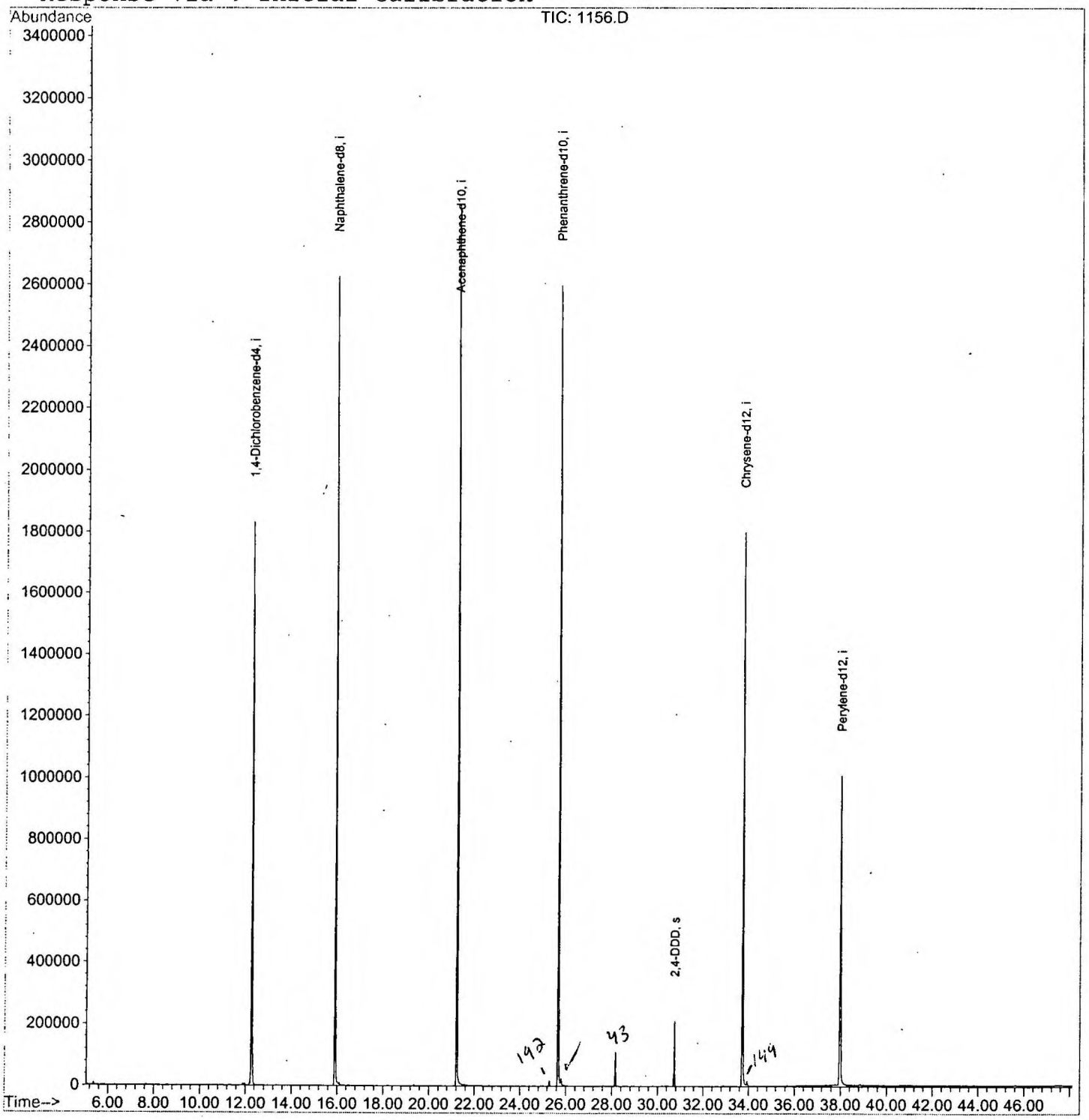
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	937	N.D.	
34)	Anthracene	25.85	178	538	N.D.	
35)	Di-n-butylphthalate	27.63	149	4493	N.D.	
36)	Fluoranthene	29.36	202	327	N.D.	
39)	Pyrene	30.02	202	598	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.72	228	4360	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	8975	N.D.	
43)	Chrysene	33.79	228	1190	N.D.	
45)	Di-n-Octylphthalate	35.67	149	339	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	883	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	808	N.D.	
48)	Benzo(a)pyrene	37.79	252	519	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\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 9:09 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\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 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

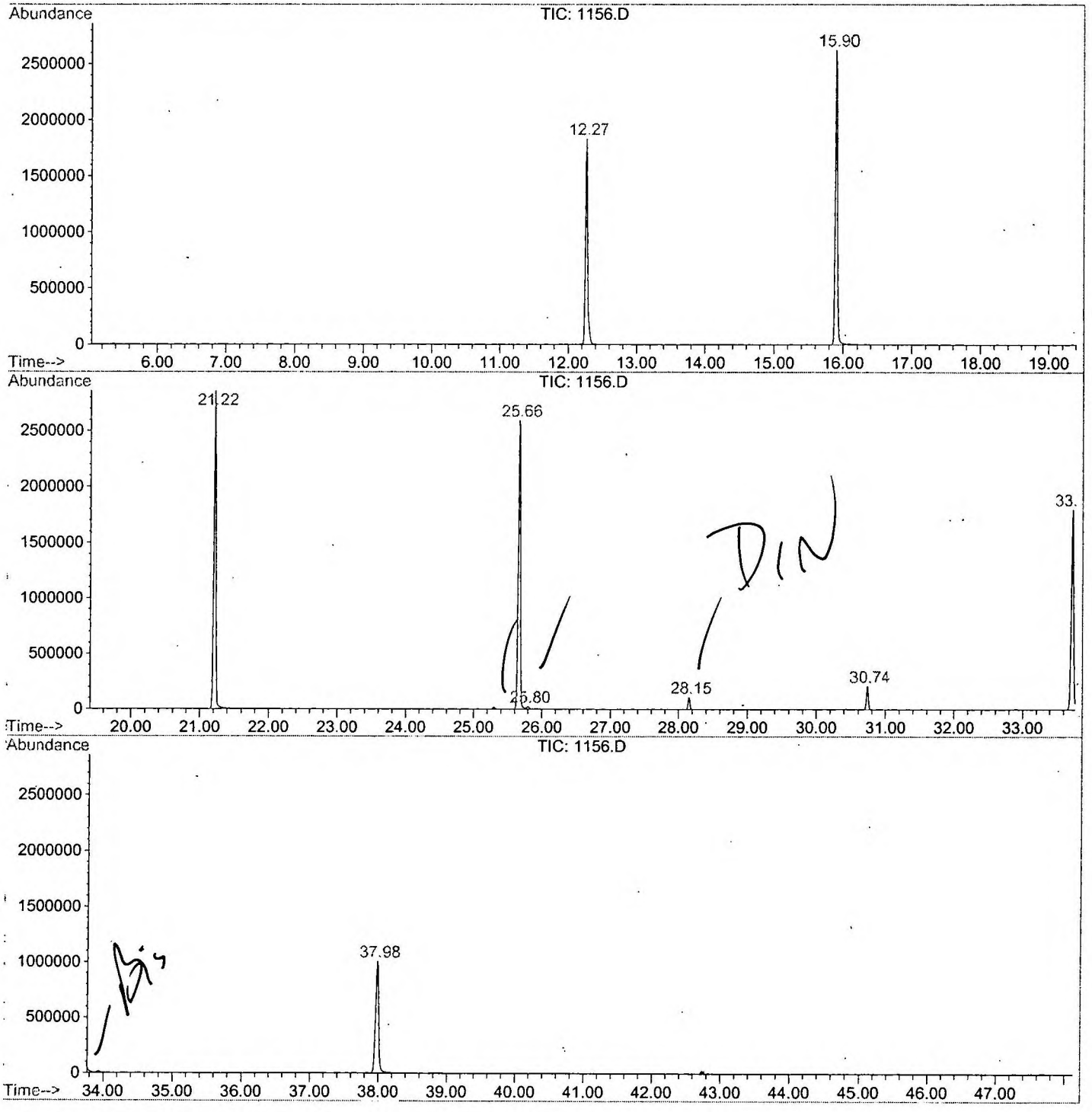
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	803	rVB	1829690	4083621	68.12%	13.756%
2	15.902	1177	1183	1201	rBV	2624277	5527459	92.20%	18.620%
3	21.218	1755	1762	1782	rBV	2858905	5994848	100.00%	20.194%
4	25.661	2239	2246	2256	rBV2	2596329	5911082	98.60%	19.912%
5	25.799	2257	2261	2271	rVB	22927	61420	1.02%	0.207%
6	28.149	2513	2517	2523	rBV	110023	203919	3.40%	0.687%
7	30.738	2793	2799	2804	rBV	210279	435028	7.26%	1.465%
8	33.730	3115	3125	3142	rBV2	1801027	4323110	72.11%	14.563%
9	37.981	3578	3588	3607	rBV2	1002988	3145741	52.47%	10.597%

Sum of corrected areas: 29686228

1156.D GCMS0308.M Mon Mar 25 14:22:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\1156.D
Operator :
Acquired : 22 Mar 2002 5:02 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 19
Quant File :GCMS0308.RES (RTE Integrator)



1156.D GCMS0308.M Mon Mar 25 14:22:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

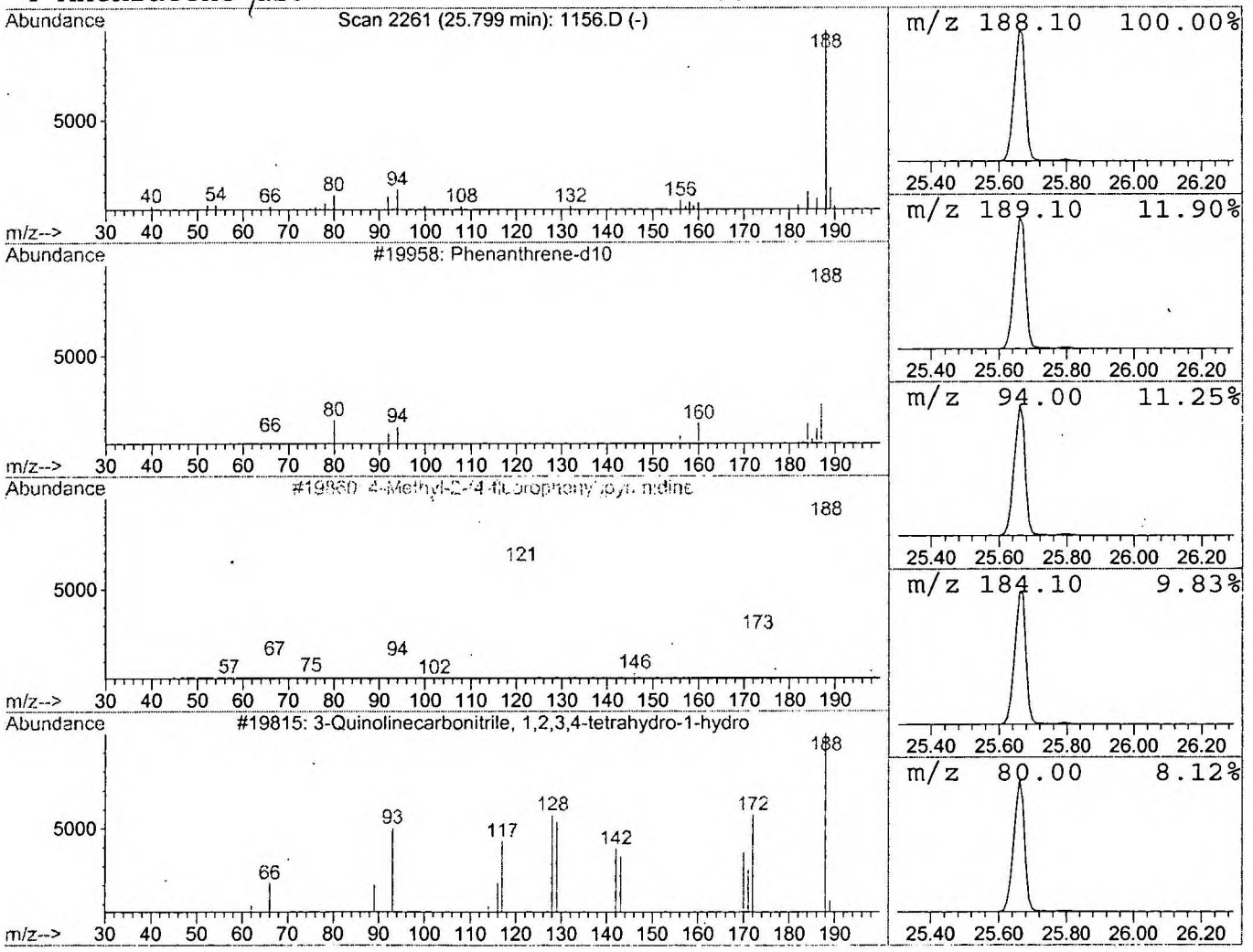
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.21 ug/l	61420	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	56
2	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	42
3	3-Quinolinecarbonitrile, 1,2,3,4-te	188	C10H8N2O2	022384-05-0	40
4	Anthracene-d10-	188	C14D10	001719-06-8	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\1156.D Vial: 19
Acq On : 22 Mar 2002 5:02 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

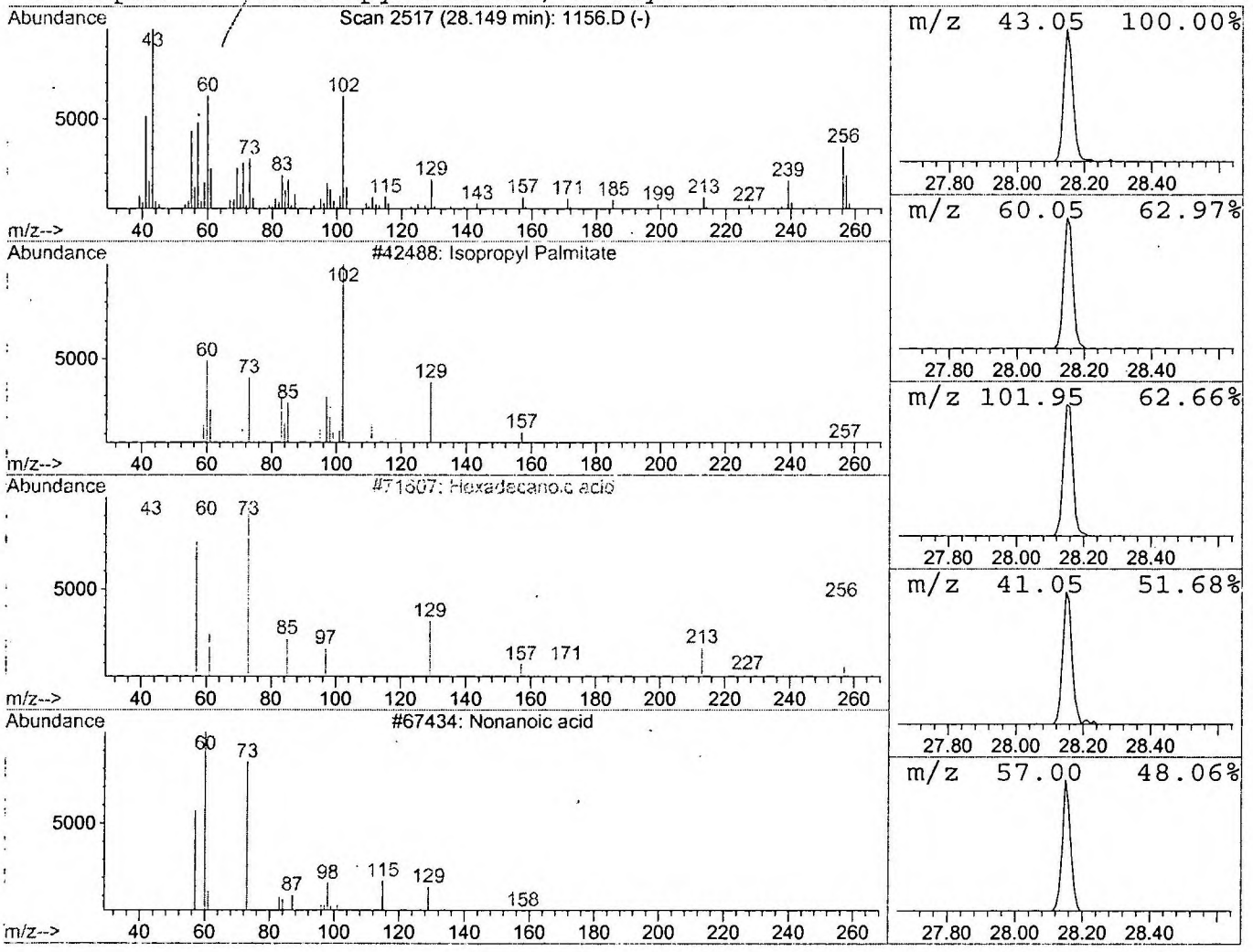
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Isopropyl Palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	0.69 ug/l	203919	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	46
2	Hexadecanoic acid	256	C16H32O2	000057-10-3	35
3	Nonanoic acid	158	C9H18O2	000112-05-0	18
4	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 5:02 am
Data File: C:\HPCHEM\1\DATA\MAR2102\1156.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	61420	ISTD04	25.66	5911080	20.0
Isopropyl Palmitate	28.15	0.7	ug/l	203919	ISTD04	25.66	5911080	20.0

1156.D GCMS0308.M Mon Mar 25 14:22:30 2002