User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 09:20:23

Sample: AE04416
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 09:20 Ended: 4/4/02 09:20 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AE04416 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 09:21:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 4 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2702\4416.D Vial: 6
Acq On : 27 Mar 2002 6:36 pm Operator:
Sample : gc/ms scan 3/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 12:38 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	833067	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	3260477	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.20	164	1767619	20.00	ug/l	-0.11
29) Phenanthrene-d10	25.64	188	2545879	20.00	ug/l	-0.12
38) Chrysene-d12	33.70	240	1322833	20.00	ug/l	-0.14
44) Perylene-d12	37.95	264	785334	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	90361	3.54	ug/mL	0.21
Spiked Amount 5.000			Recovery = 70.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.49	74	402	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	14.59	82	208	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	15.95	128	1066	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.46	162	196	N.D.		
20) Dimethylphthalate	20.53	163	538	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.72	152	640	N.D.		
23) Acenaphthene	21.28	153	235	N.D.		
24) 2,4-Dinitrotoluene	21.76	165	287	N.D.		
25) Diethylphthalate	22.68	149	648	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.81	166	408	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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Acq On : 27 Mar 2002 6:36 pm Operator:
Sample : gc/ms scan 3/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 12:38 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 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

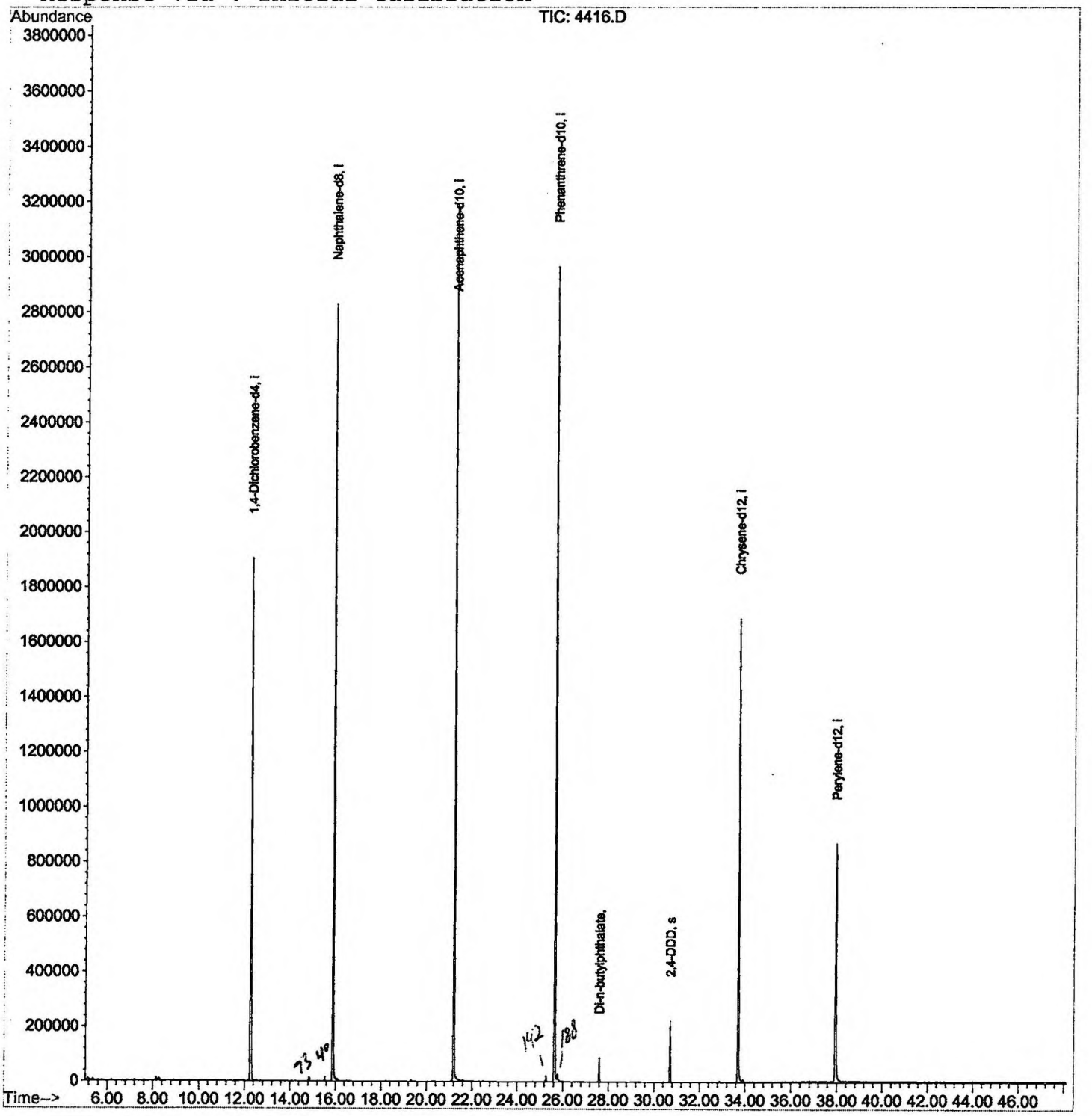
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.70	178	1143	N.D.	
34)	Anthracene	25.83	178	733	N.D.	
35)	Di-n-butylphthalate	27.60	149	100973	0.73 ug/l #	97
36)	Fluoranthene	29.33	202	773	N.D.	
39)	Pyrene	30.00	202	823	N.D.	
40)	Butylbenzylphthalate	32.13	149	981	N.D.	
41)	Benzo(a)anthracene	33.77	228	2734	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	5221	N.D.	
43)	Chrysene	33.77	228	2914	N.D.	
45)	Di-n-Octylphthalate	35.66	149	947	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	1450	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	2072	N.D.	
48)	Benzo(a)pyrene	37.74	252	1131	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	43.33	276	100	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2702\4416.D Vial: 6
Acq On : 27 Mar 2002 6:36 pm Operator:
Sample : gc/ms scan 3/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 12:38 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 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2702\4416.D Vial: 6
Acq On : 27 Mar 2002 6:36 pm Operator:
Sample : gc/ms scan 3/2 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

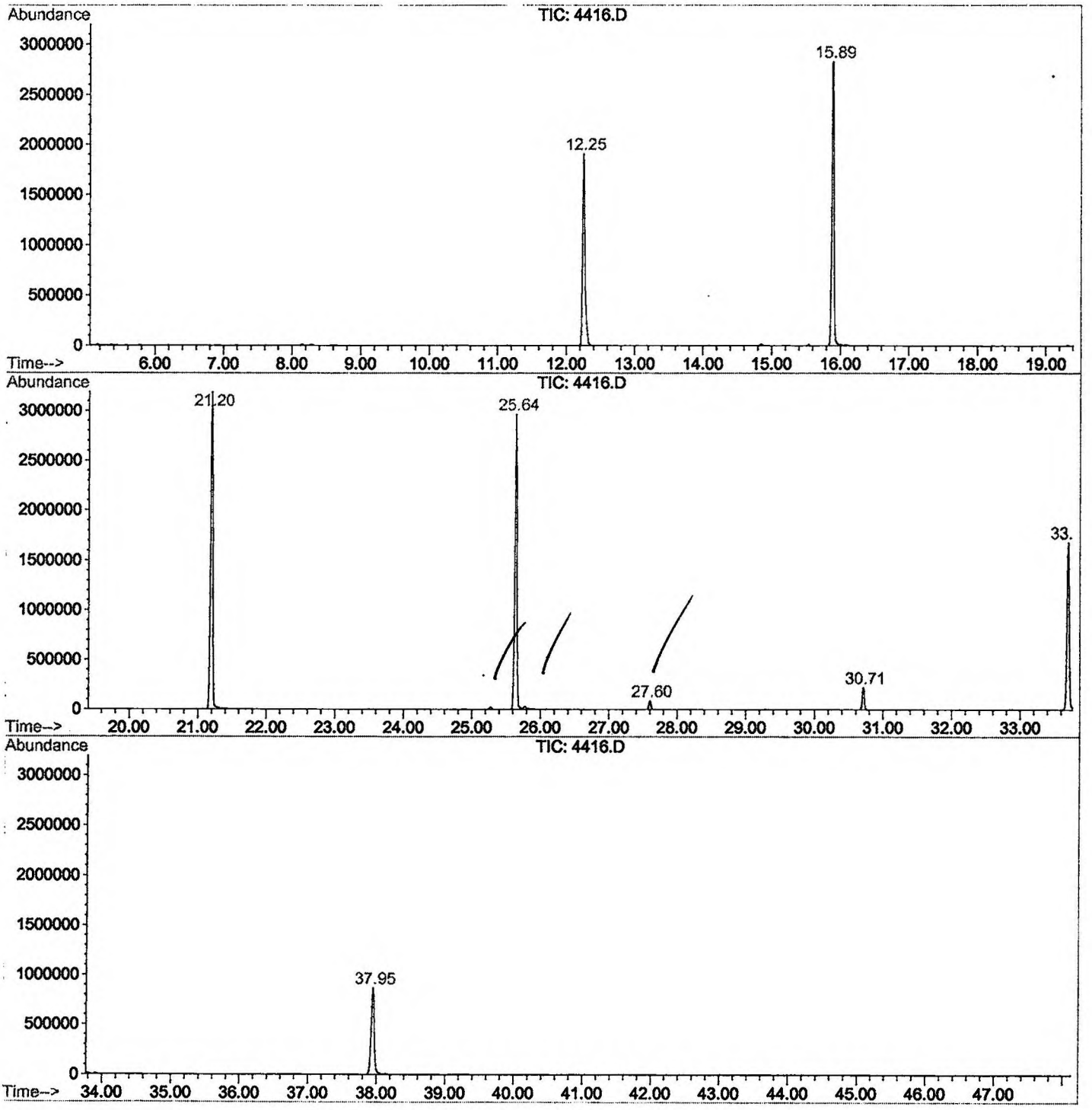
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.250	779	785	800	rBV	1903393	4528991	66.64%	14.605%
2	15.894	1175	1182	1199	rBV	2827611	6147371	90.45%	19.824%
3	21.201	1753	1760	1774	rBV	3195281	6796173	100.00%	21.916%
4	25.644	2236	2244	2255	rBV2	2965616	6356848	93.54%	20.499%
5	27.599	2452	2457	2465	rBV	87906	167433	2.46%	0.540%
6	30.711	2791	2796	2802	rBV	223806	440073	6.48%	1.419%
7	33.704	3111	3122	3141	rBV	1689521	3882834	57.13%	12.521%
8	37.946	3575	3584	3599	rBV2	866085	2690297	39.59%	8.676%

Sum of corrected areas: 31010020

4416.D GCMS0308.M Fri Mar 29 12:55:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2702\4416.D
Operator :
Acquired : 27 Mar 2002 6:36 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/2
Misc Info :
Vial Number: 6
Quant File :GCMS0308.RES (RTE Integrator)



4416.D GCMS0308.M Fri Mar 29 12:55:47 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 27 Mar 2002 6:36 pm
Data File: C:\HPCHEM\1\DATA\MAR2702\4416.D
Name: gc/ms scan 3/2
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

4416.D GCMS0308.M Fri Mar 29 12:55:51 2002