User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 08:58:44

Sample: AE05900
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 08:58 Ended: 3/29/02 08:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		130		5.0

Comments for Sample AE05900 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 08:58:47

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\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 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 11:33 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	12.27	152	429363	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1668753	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	900584	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1373787	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	892579	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	547134	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	107001	~~10.72~~ 6.5	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~214.40%~~ 130%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.51	93	700	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	0.00	128	0	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	21.61	165	175	N.D.		
25) Diethylphthalate	22.69	149	798	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\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 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 11:33 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

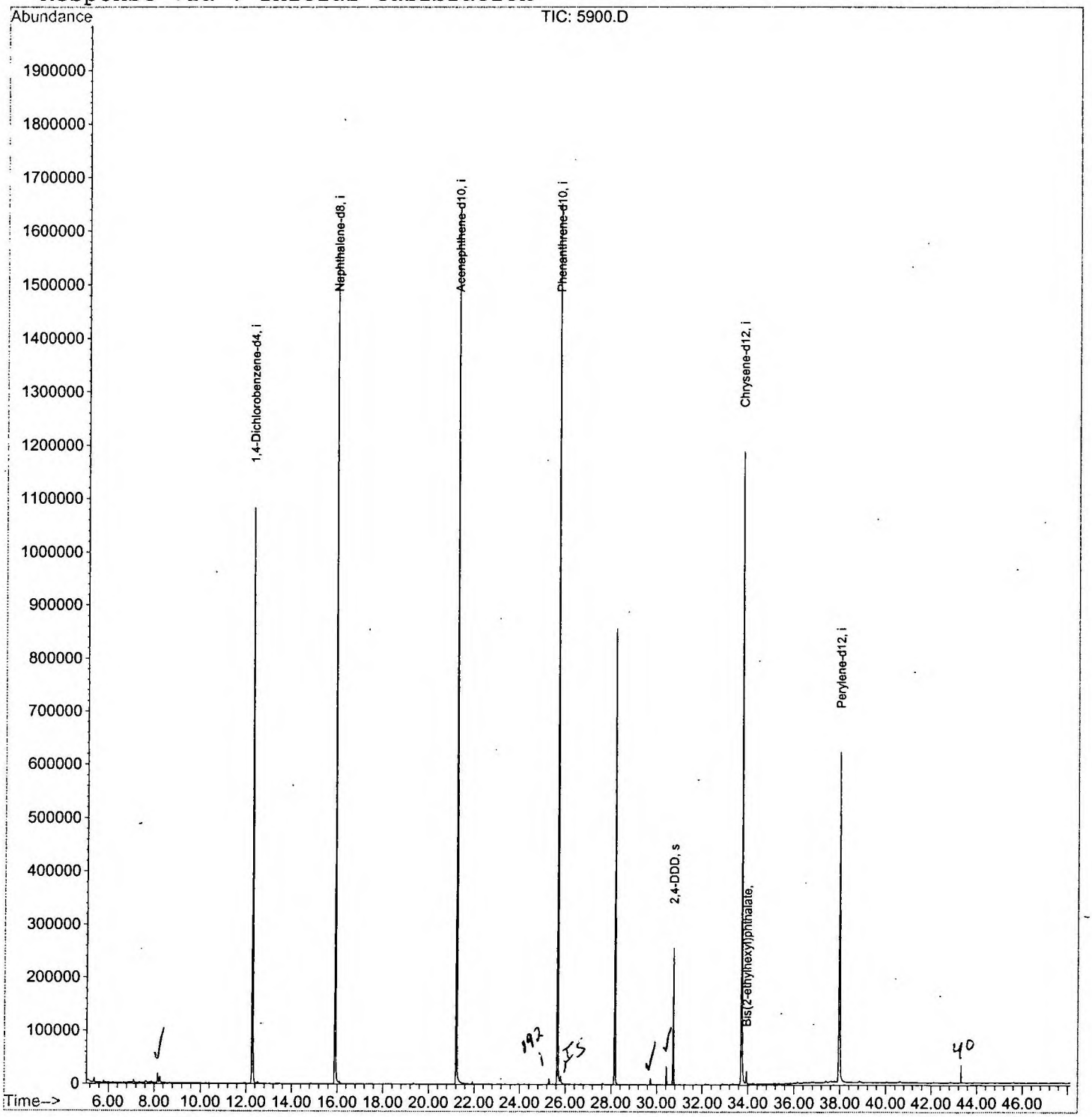
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	323	N.D.	
34)	Anthracene	25.73	178	323	N.D.	
35)	Di-n-butylphthalate	27.63	149	5027	N.D.	
36)	Fluoranthene	29.35	202	696	N.D.	
39)	Pyrene	30.02	202	1010	N.D.	
40)	Butylbenzylphthalate	32.15	149	2061	N.D.	
41)	Benzo(a)anthracene	33.79	228	6962	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	14357	0.40 ug/l	96
43)	Chrysene	33.79	228	7145	N.D.	
45)	Di-n-Octylphthalate	35.68	149	2541	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	3392	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	4092	N.D.	
48)	Benzo(a)pyrene	37.77	252	2530	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.14	276	556	N.D.	
50)	Dibenz(a,h)anthracene	42.19	278	189	N.D.	
51)	Benzo(g,h,i)perylene	43.35	276	651	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 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 11:33 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\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 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

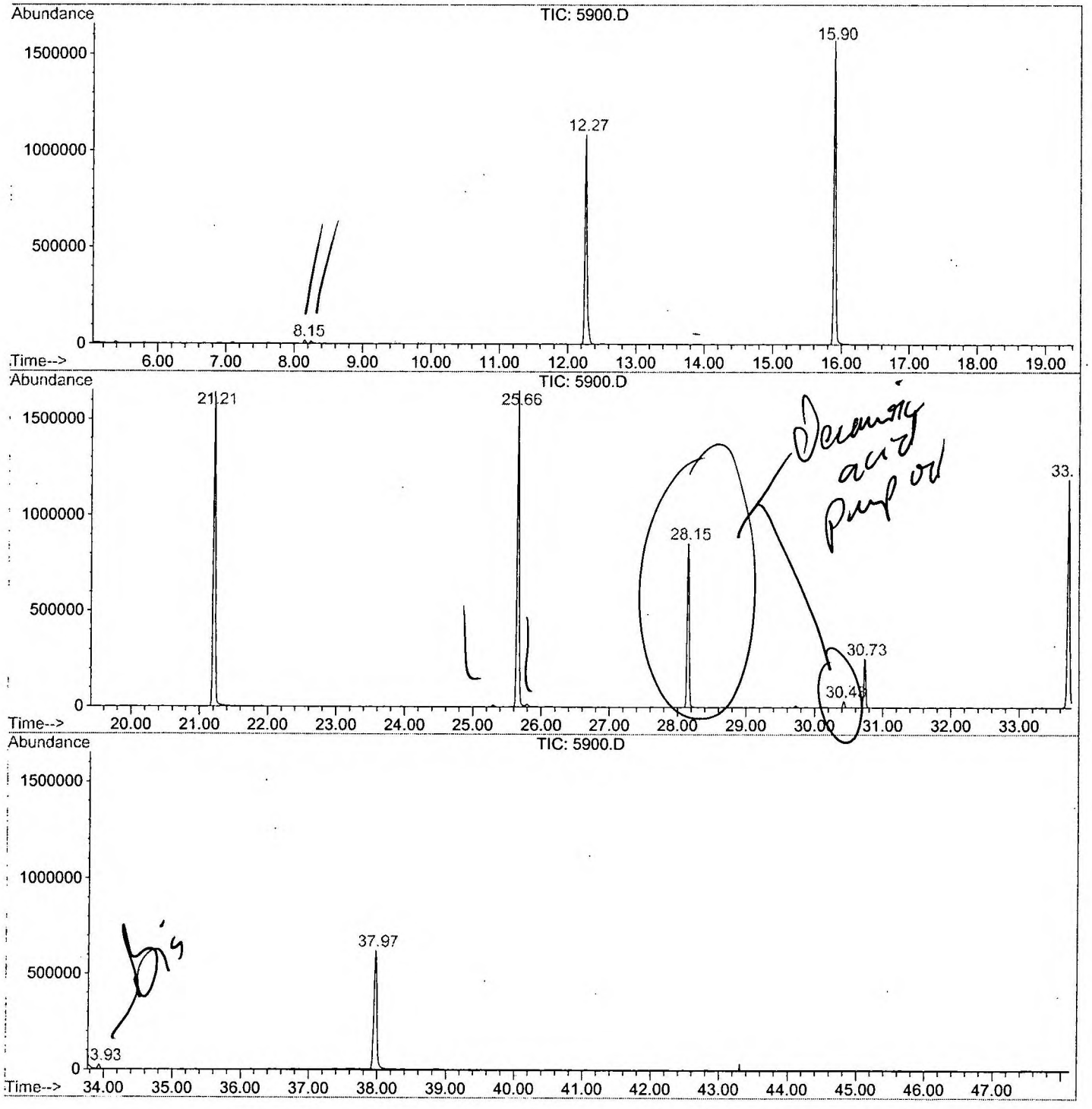
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.154	335	339	346	rBV	18129	37725	1.08%	0.194%
2	12.267	781	787	802	rVB	1082438	2360565	67.79%	12.167%
3	15.902	1177	1183	1198	rBV	1570566	3147796	90.39%	16.225%
4	21.208	1755	1761	1775	rBV	1641676	3482284	100.00%	17.949%
5	25.661	2239	2246	2257	rBV	1651688	3453538	99.17%	17.801%
6	28.149	2512	2517	2531	rBV	857746	1717498	49.32%	8.853%
7	30.426	2760	2765	2770	rBV2	35015	64935	1.86%	0.335%
8	30.728	2793	2798	2811	rBV	256704	535035	15.36%	2.758%
9	33.721	3111	3124	3143	rBV	1189351	2655020	76.24%	13.685%
10	33.932	3143	3147	3152	rVB	23099	45640	1.31%	0.235%
11	37.972	3578	3587	3605	rBV2	619286	1900907	54.59%	9.798%

Sum of corrected areas: 19400943

5900.D GCMS0308.M Mon Mar 25 14:31:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\5900.D
Operator :
Acquired : 22 Mar 2002 6:07 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/13
Misc Info :
Vial Number: 29
Quant File :GCMS0308.RES (RTE Integrator)



5900.D GCMS0308.M Mon Mar 25 14:31:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

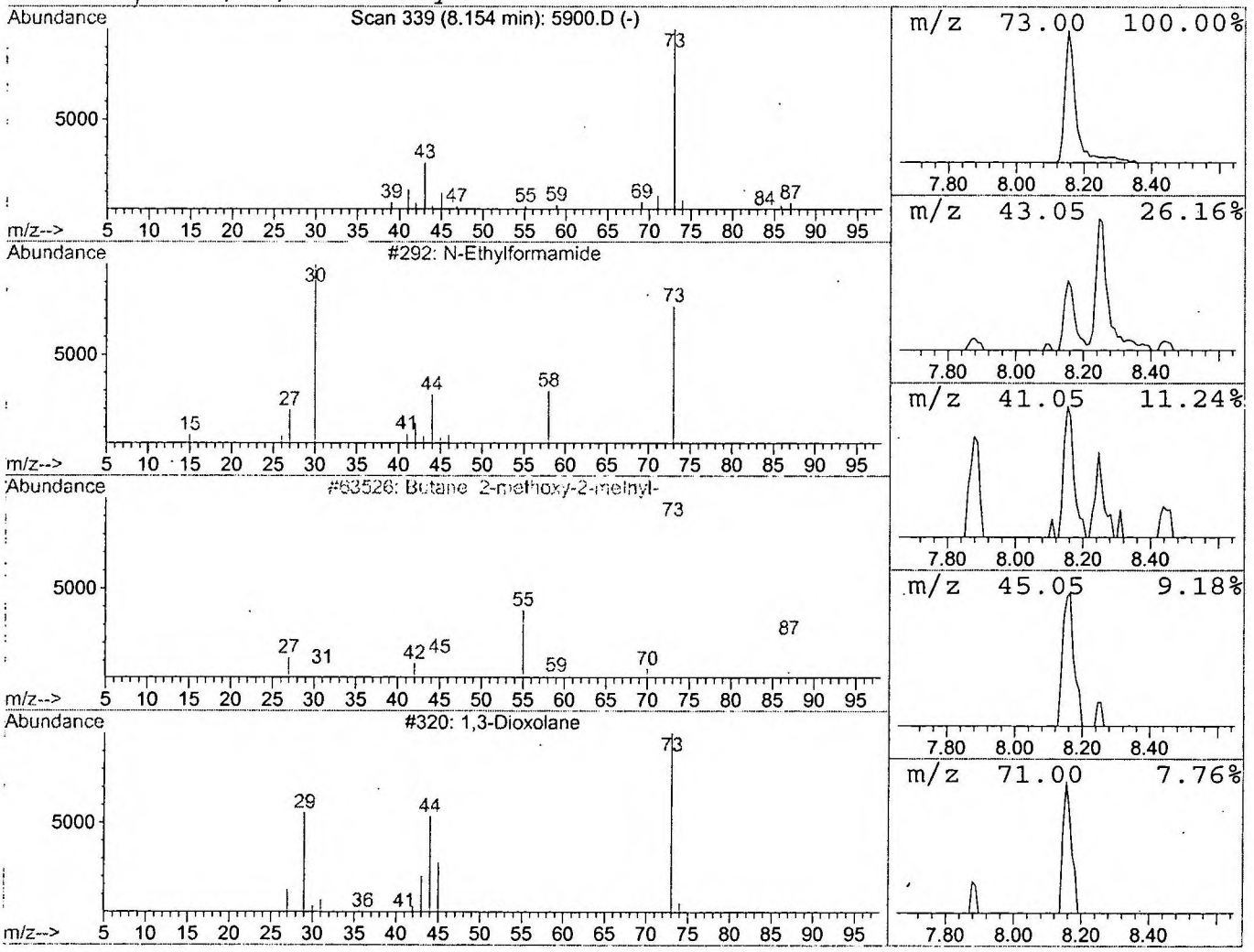
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.32 ug/l	37725	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

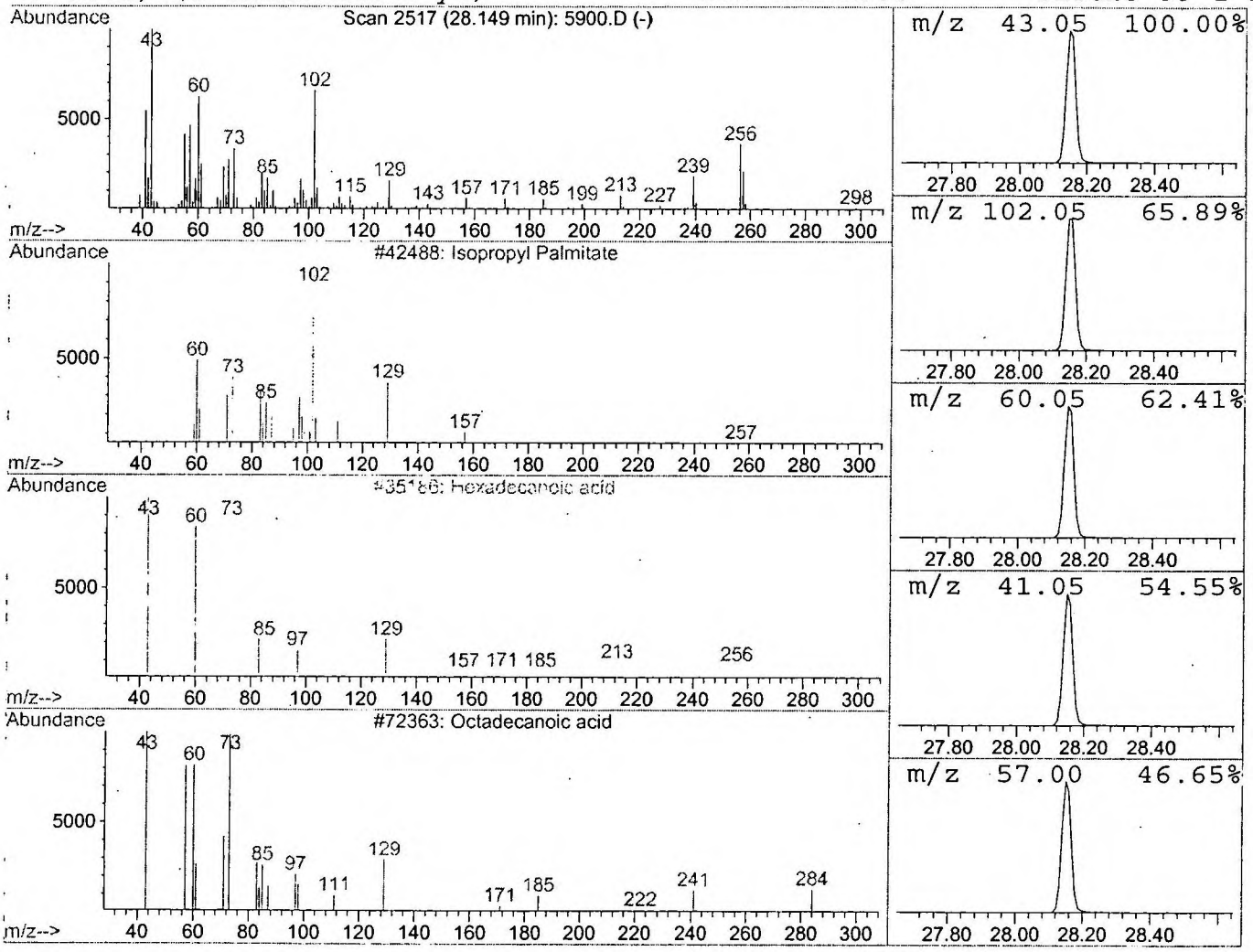
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Isopropyl Palmitate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	9.95 ug/l	1717500	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	43
2	Hexadecanoic acid	256	C16H32O2	000057-10-3	35
3	Octadecanoic acid	284	C18H36O2	000057-11-4	20
4	Urea, (2-thiazolin-2-yl)-	145	C4H7N3OS	015823-99-1	16



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\5900.D Vial: 29
Acq On : 22 Mar 2002 6:07 pm Operator:
Sample : gc/ms scan 3/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

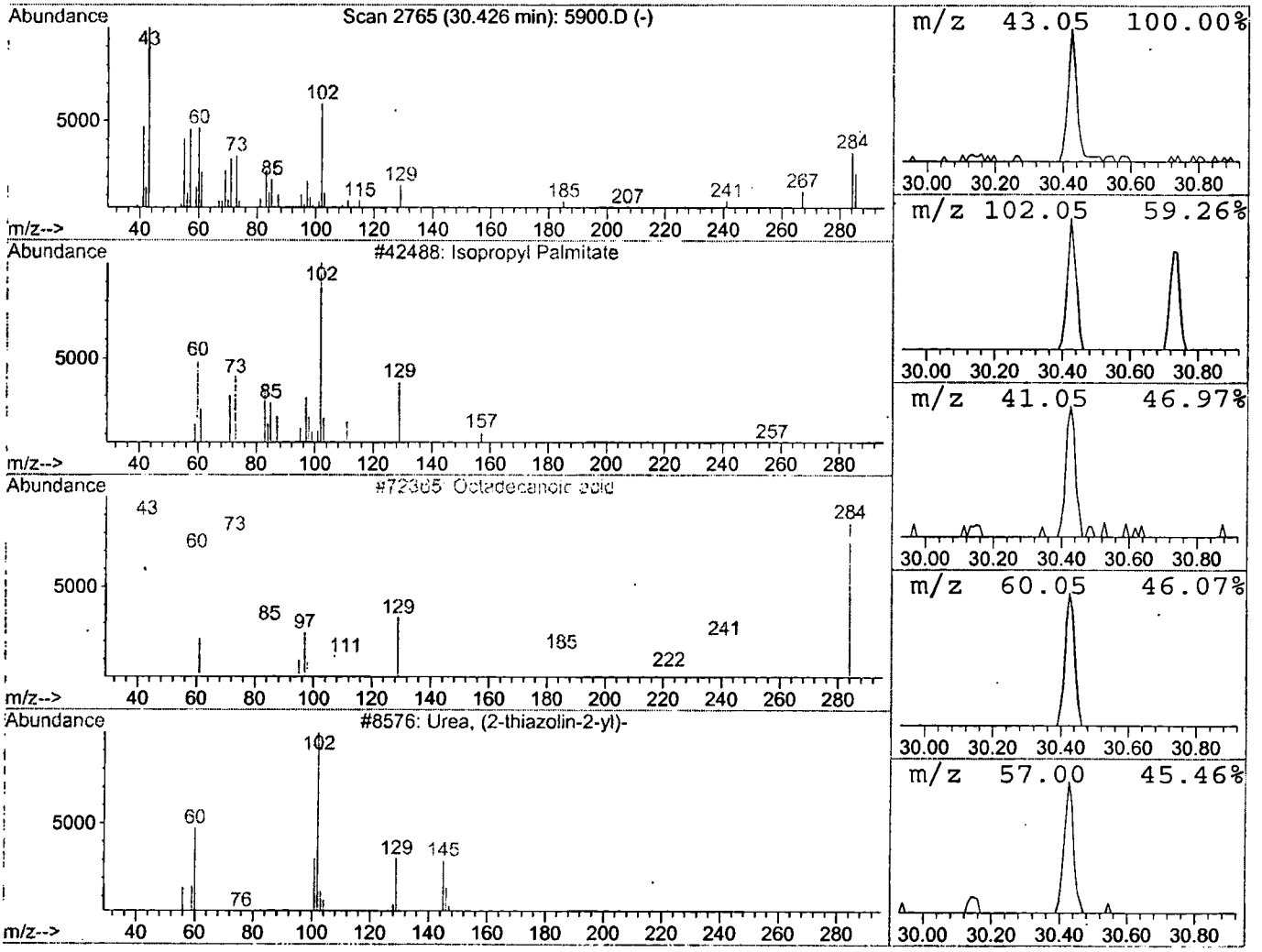
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Isopropyl Palmitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.43	0.49 ug/l	64935	Chrysene-d12	33.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	46
2	Octadecanoic acid	284	C18H36O2	000057-11-4	42
3	Urea, (2-thiazolin-2-yl)-	145	C4H7N3OS	015823-99-1	12
4	Hexadecanoic acid	256	C16H32O2	000057-10-3	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 6:07 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\5900.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
N-Ethylformamide	8.15	0.3	ug/l	37725	ISTD01	12.27	2360570	20.0
Isopropyl Palmitate	28.15	9.9	ug/l	1717500	ISTD04	25.66	3453540	20.0
Isopropyl Palmitate	30.43	0.5	ug/l	64935	ISTD05	33.72	2655020	20.0

5900.D GCMS0308.M Mon Mar 25 14:31:33 2002