User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 08:49:20

Sample: AE04849
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 08:45 Ended: 4/5/02 08:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		124		5.0

Comments for Sample AE04849 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 08:50:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:42 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	469586	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1723455	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	960644	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1373118	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	723130	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	401701	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	85234	6.19	ug/mL	0.21
Spiked Amount 5.000			Recovery = 123.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.48	74	364	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	15.93	128	696	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	20.53	163	344	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.67	149	2425	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\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:42 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

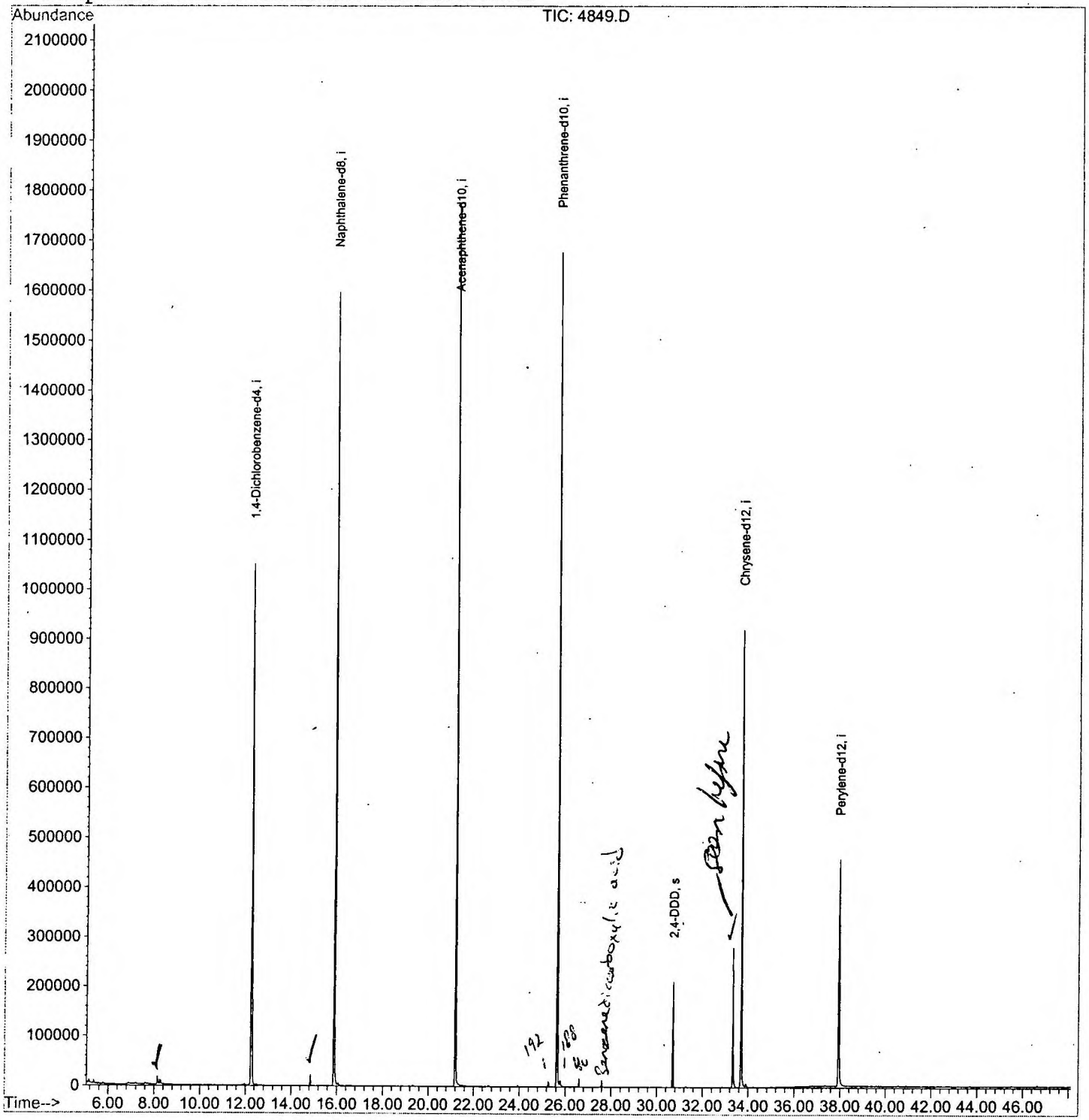
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.69	178	1237	N.D.	
34)	Anthracene	25.83	178	327	N.D.	
35)	Di-n-butylphthalate	27.60	149	15360	N.D.	
36)	Fluoranthene	29.33	202	1510	N.D.	
39)	Pyrene	30.00	202	1863	N.D.	
40)	Butylbenzylphthalate	32.13	149	907	N.D.	
41)	Benzo(a)anthracene	33.77	228	3444	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	4807	N.D.	
43)	Chrysene	33.77	228	3584	N.D.	
45)	Di-n-Octylphthalate	35.65	149	1001	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	2265	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	2301	N.D.	
48)	Benzo(a)pyrene	37.73	252	859	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	196	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:42 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\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 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

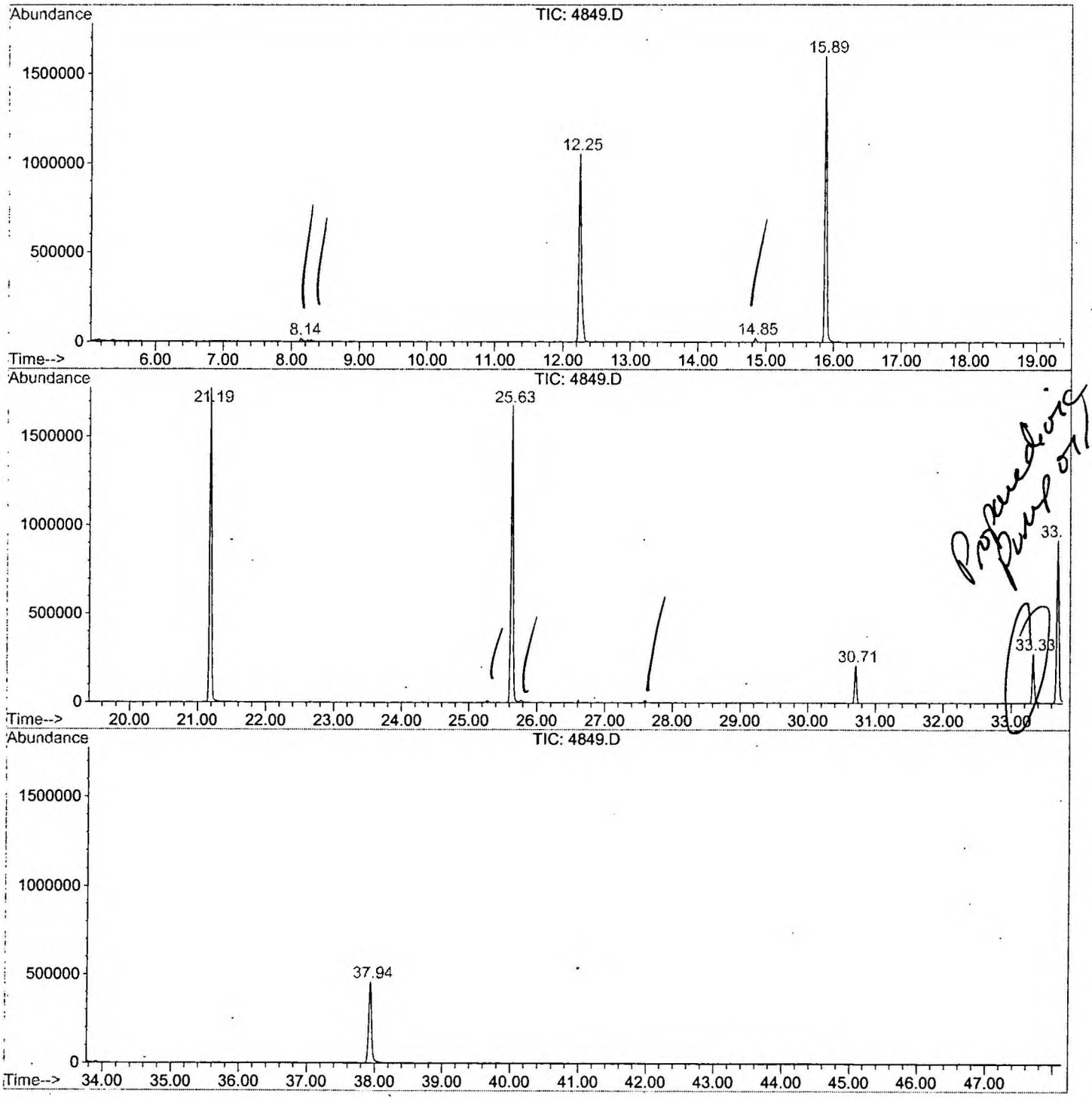
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.137	333	337	345	rBV	16123	38636	1.05%	0.221%
2	12.250	779	785	803	rVB	1050583	2521812	68.28%	14.394%
3	14.848	1062	1068	1074	rVB	22076	40389	1.09%	0.231%
4	15.885	1175	1181	1194	rBV	1596736	3261224	88.30%	18.614%
5	21.191	1753	1759	1780	rBV	1775242	3693147	100.00%	21.080%
6	25.635	2236	2243	2254	rBV	1677011	3450493	93.43%	19.695%
7	30.711	2790	2796	2801	rBV	212234	420611	11.39%	2.401%
8	33.328	3075	3081	3097	rBV	280859	607030	16.44%	3.465%
9	33.695	3109	3121	3139	rBV	921672	2105823	57.02%	12.020%
10	37.936	3574	3583	3603	rBV2	456498	1380809	37.39%	7.881%

Sum of corrected areas: 17519974

4849.D GCMS0308.M Tue Apr 02 11:03:17 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4849.D
Operator :
Acquired : 29 Mar 2002 7:55 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 6
Quant File :GCMS0308.RES (RTE Integrator)



4849.D GCMS0308.M Tue Apr 02 11:03:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

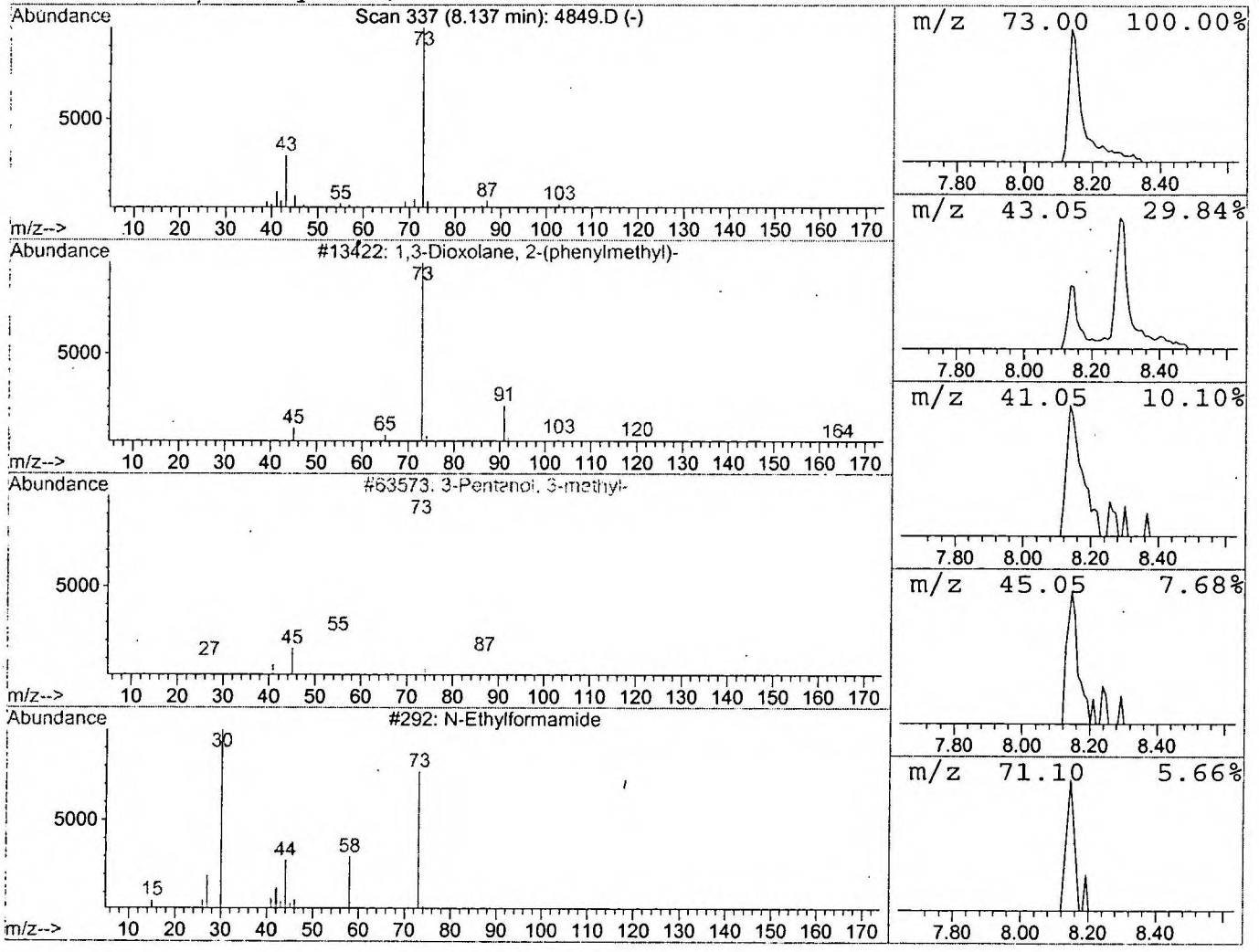
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(phenylmethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.31 ug/l	38636	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(phenylmethyl)-	164	C10H12O2	000101-49-5	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	2-(2-Bromoethyl)-1,3-dioxolane	180	C5H9BrO2	018742-02-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

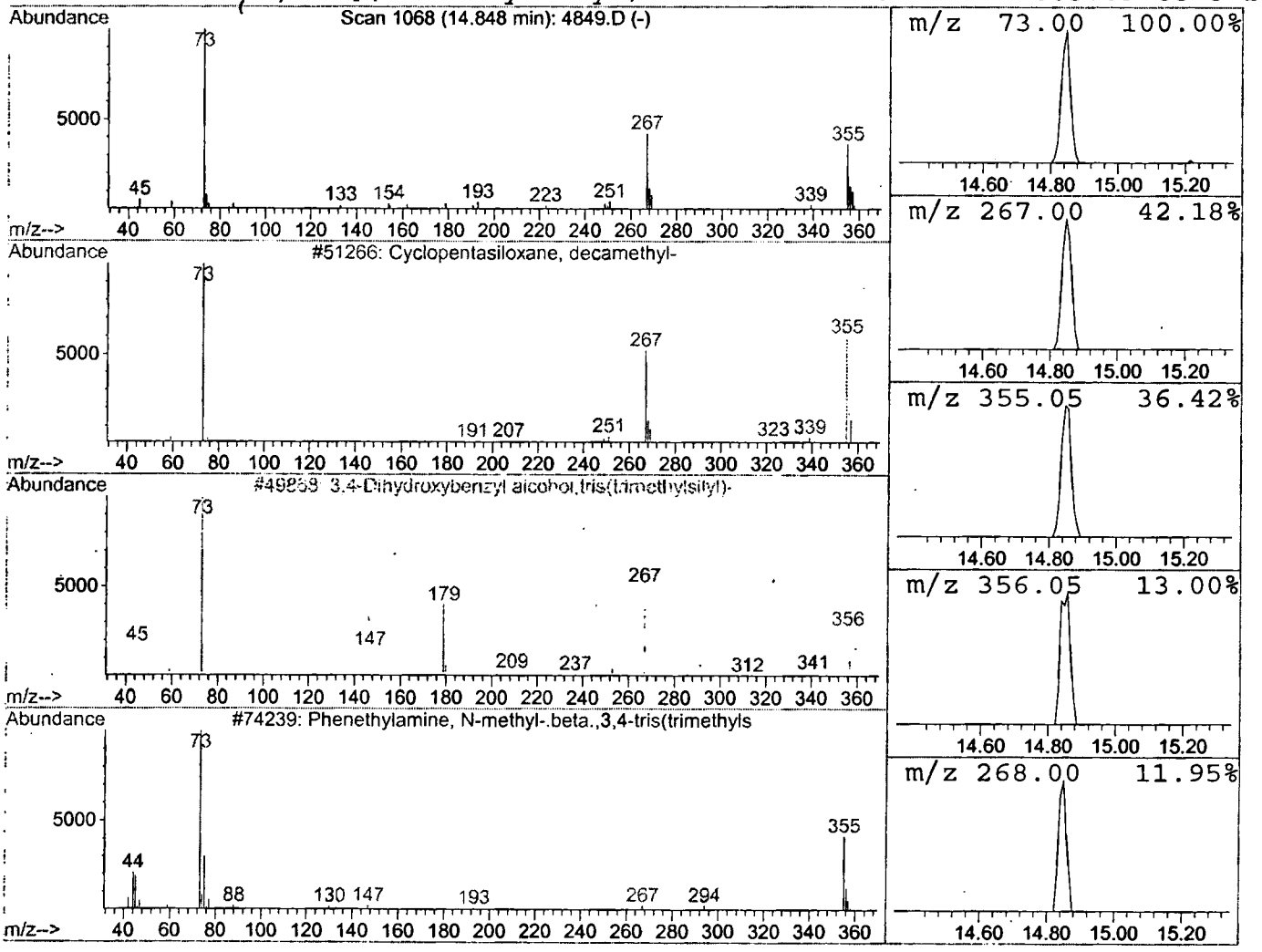
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	0.25 ug/l	40389	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	86
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	40
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4849.D Vial: 6
Acq On : 29 Mar 2002 7:55 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

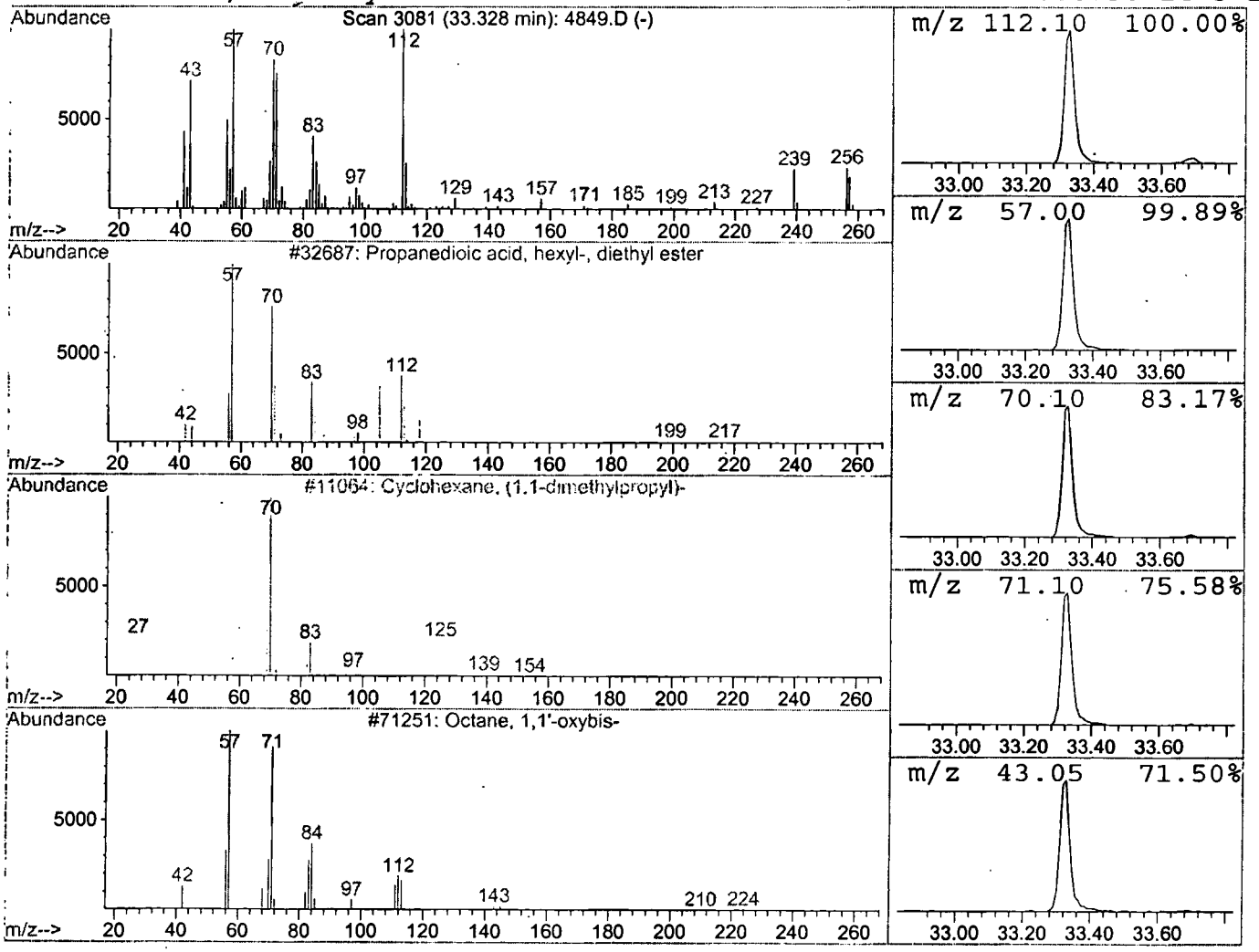
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Propanedioic acid, hexyl-, die Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.33	5.77 ug/l	607030	Chrysene-d12	33.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
2	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	25
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	22
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	22



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 7:55 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\4849.D
Name: gc/ms scan 3/6
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
1,3-Dioxolane, 2-(ph	8.14	0.3	ug/l	38636	ISTD01	12.25	2521810	20.0
Cyclopentasiloxane,	14.85	0.2	ug/l	40389	ISTD02	15.89	3261220	20.0
Propanedioic acid, h	33.33	5.8	ug/l	607030	ISTD05	33.70	2105820	20.0

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