User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 08:56:55

Sample: AE04943
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 08:56 Ended: 4/5/02 08:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		123		5.0

Comments for Sample AE04943 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 08:57:22

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\4943.D Vial: 10
Acq On : 29 Mar 2002 11:53 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 10:49 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	504409	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1833268	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1042358	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1465333	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	726439	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	405248	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	90537	6.16	ug/mL	0.21
Spiked Amount 5.000			Recovery = 123.20%			
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	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	15.94	128	440	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.66	149	793	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)

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Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
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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

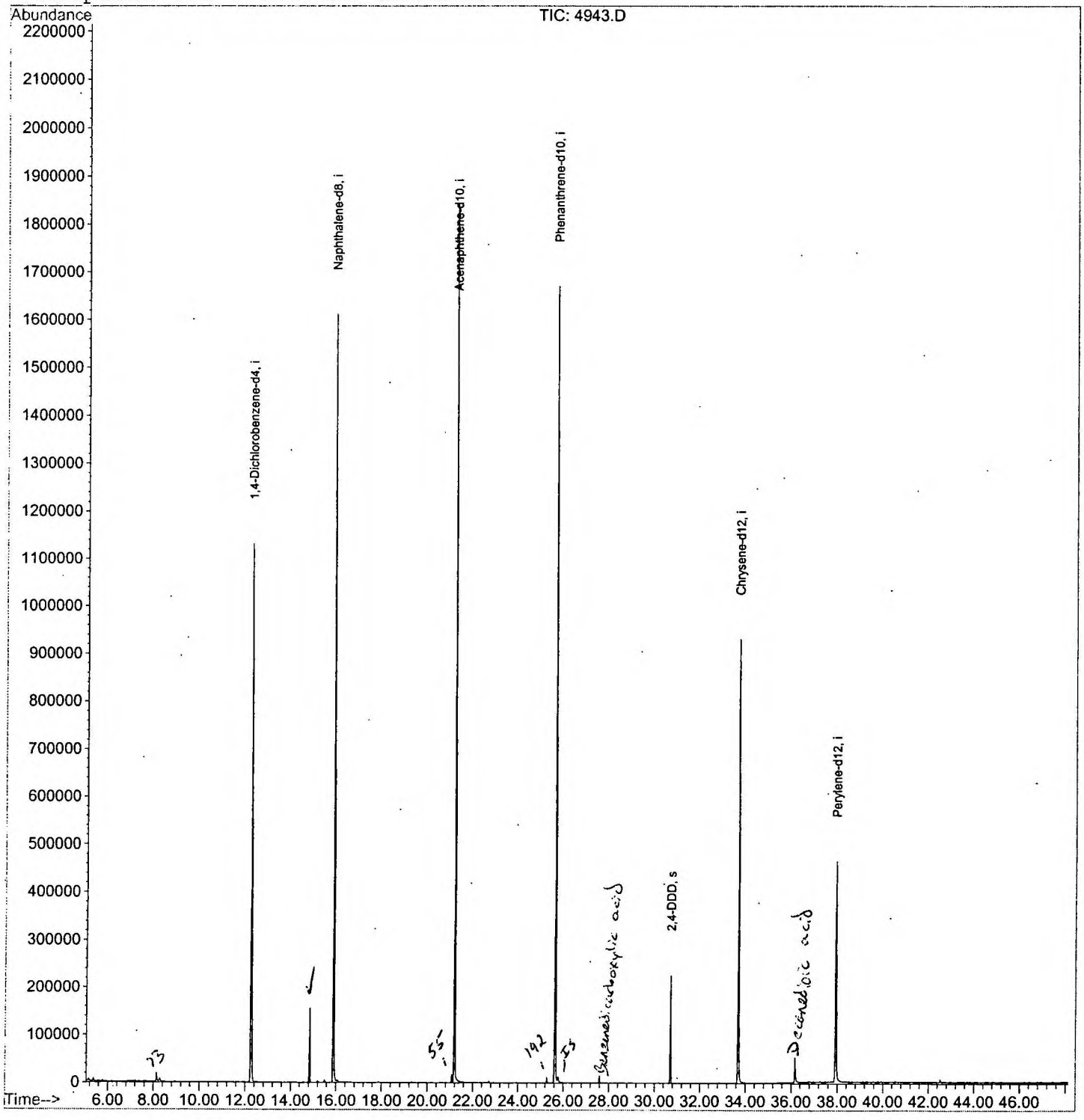
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	405	N.D.	
34)	Anthracene	25.64	178	405	N.D.	
35)	Di-n-butylphthalate	27.60	149	18183	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.70	228	1636	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	1068	N.D.	
43)	Chrysene	33.77	228	185	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	838	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	1092	N.D.	
48)	Benzo(a)pyrene	37.73	252	655	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\MAR3002\4943.D Vial: 10
Acq On : 29 Mar 2002 11:53 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 10:49 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\4943.D Vial: 10
Acq On : 29 Mar 2002 11:53 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

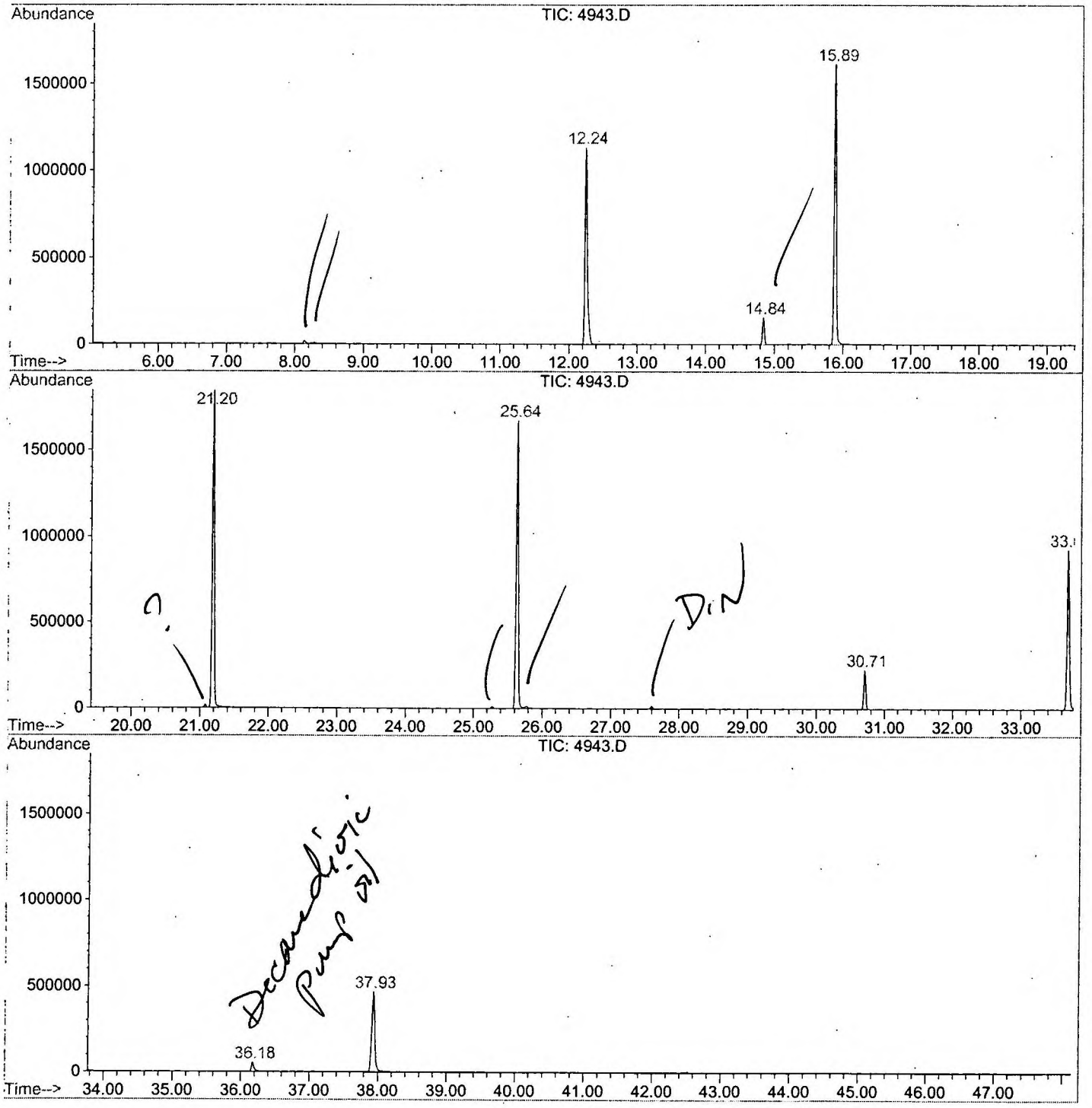
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.245	779	784	801	rVB	1130139	2726023	68.70%	14.983%
2	14.843	1062	1067	1073	rBV	156955	312314	7.87%	1.717%
3	15.889	1174	1181	1193	rBV	1611650	3472769	87.52%	19.087%
4	21.195	1752	1759	1778	rBV	1844336	3967948	100.00%	21.809%
5	25.639	2236	2243	2252	rBV2	1669926	3685121	92.87%	20.254%
6	30.706	2790	2795	2803	rBV	226818	438929	11.06%	2.412%
7	33.690	3113	3120	3131	rBV2	931188	2076574	52.33%	11.413%
8	36.178	3385	3391	3402	rBV	52346	138734	3.50%	0.763%
9	37.931	3575	3582	3600	rBV2	462777	1375713	34.67%	7.561%

Sum of corrected areas: 18194125

4943.D GCMS0308.M Tue Apr 02 11:06:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4943.D
Operator :
Acquired : 29 Mar 2002 11:53 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 10
Quant File :GCMS0308.RES (RTE Integrator)



4943.D GCMS0308.M Tue Apr 02 11:06:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4943.D Vial: 10
Acq On : 29 Mar 2002 11:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

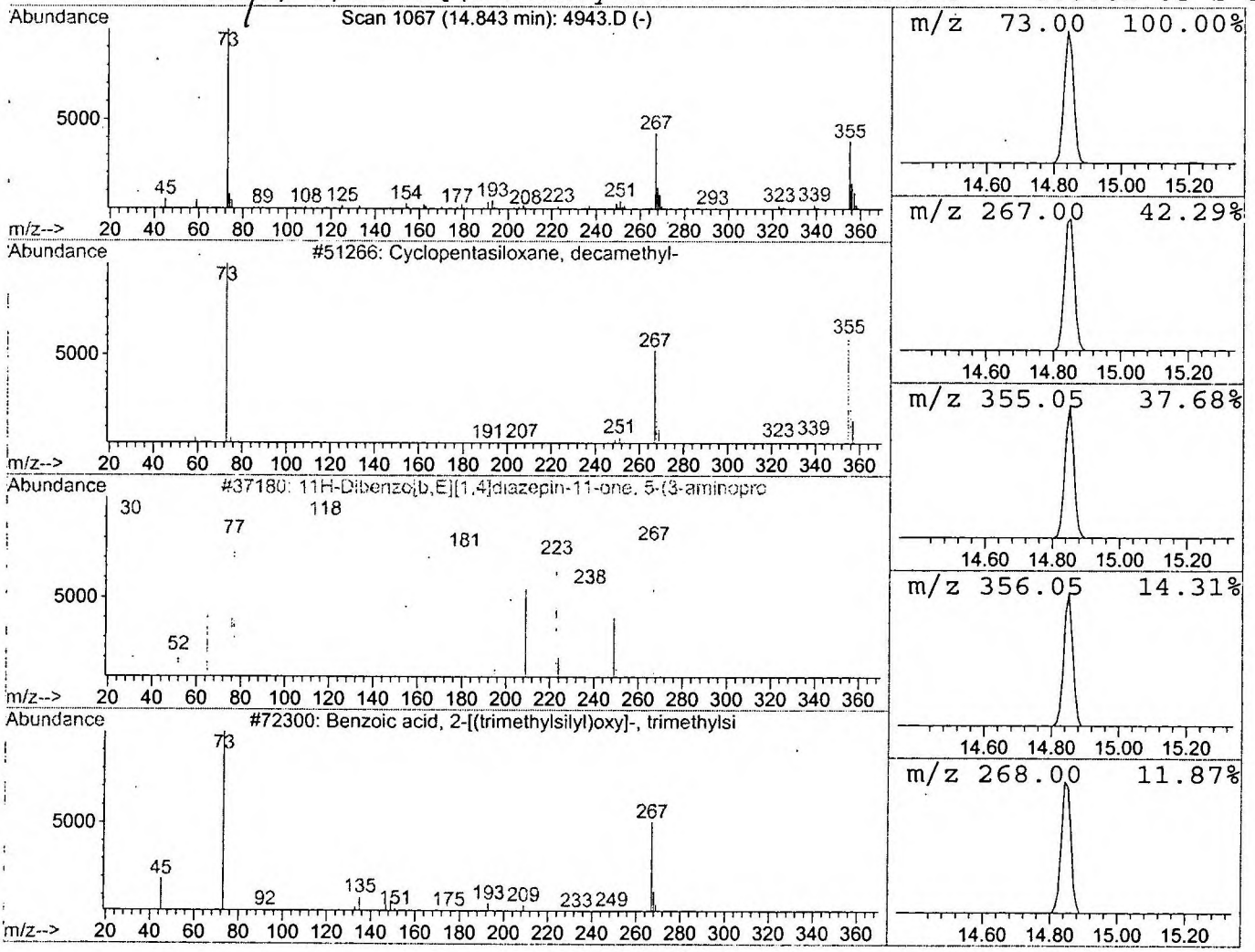
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.80 ug/l	312314	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	11H-Dibenzo[b,E][1,4]diazepin-11-on	267	C16H17N3O	013450-73-2	38
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	37
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4943.D Vial: 10
Acq On : 29 Mar 2002 11:53 pm Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

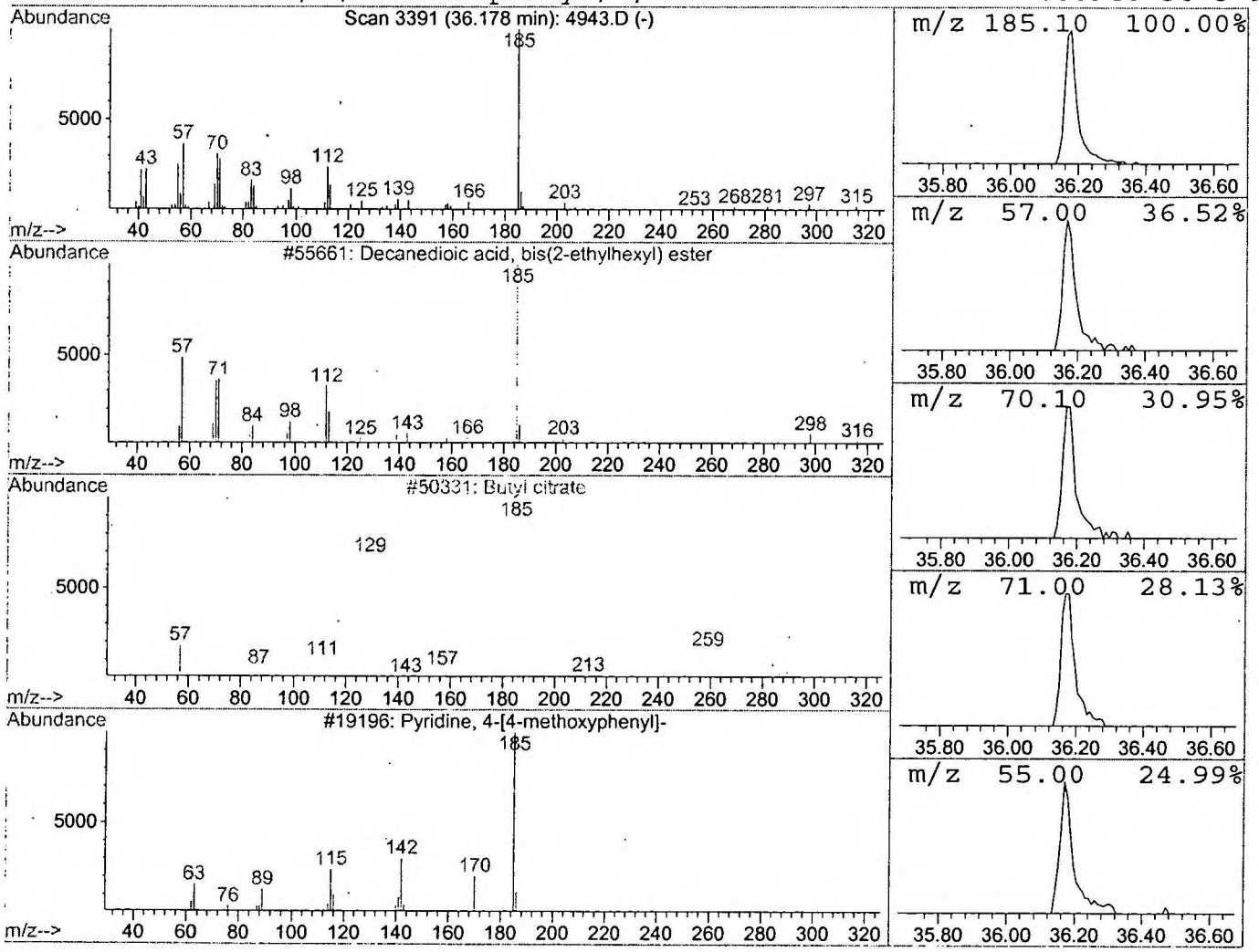
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.18	2.02 ug/l	138734	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	91
2	Butyl citrate	360	C18H32O7	000077-94-1	32
3	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	000000-00-0	25
4	Carbamic acid, (4-chlorophenyl)-, m	185	C8H8ClNO2	000940-36-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 11:53 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\4943.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
~~Cyclopentasiloxane~~,	14.84	1.8	ug/l	312314	ISTD02	15.89	3472770	20.0
Decanedioic acid, bi	36.18	2.0	ug/l	138734	ISTD06	37.93	1375710	20.0

4943.D GCMS0308.M Tue Apr 02 11:07:00 2002