User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 09:17:23

Sample: AE07312
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/10/02 09:14 Ended: 4/10/02 09:14 Analyst: DLV
Page: 1

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

Comments for Sample AE07312 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-10-2002 Time: 09:17:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\7312.D Vial: 8
Acq On : 3 Apr 2002 7:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:48 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	445706	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1642772	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	930199	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1301186	20.00	ug/l	-0.02
39) Chrysene-d12	33.69	240	636635	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	341608	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	25505	4.07	ug/mL	0.00
Spiked Amount 4.000			Recovery = 101.75%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	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.	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	1762	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Response via : Initial Calibration
DataAcq Meth : GCMS0403

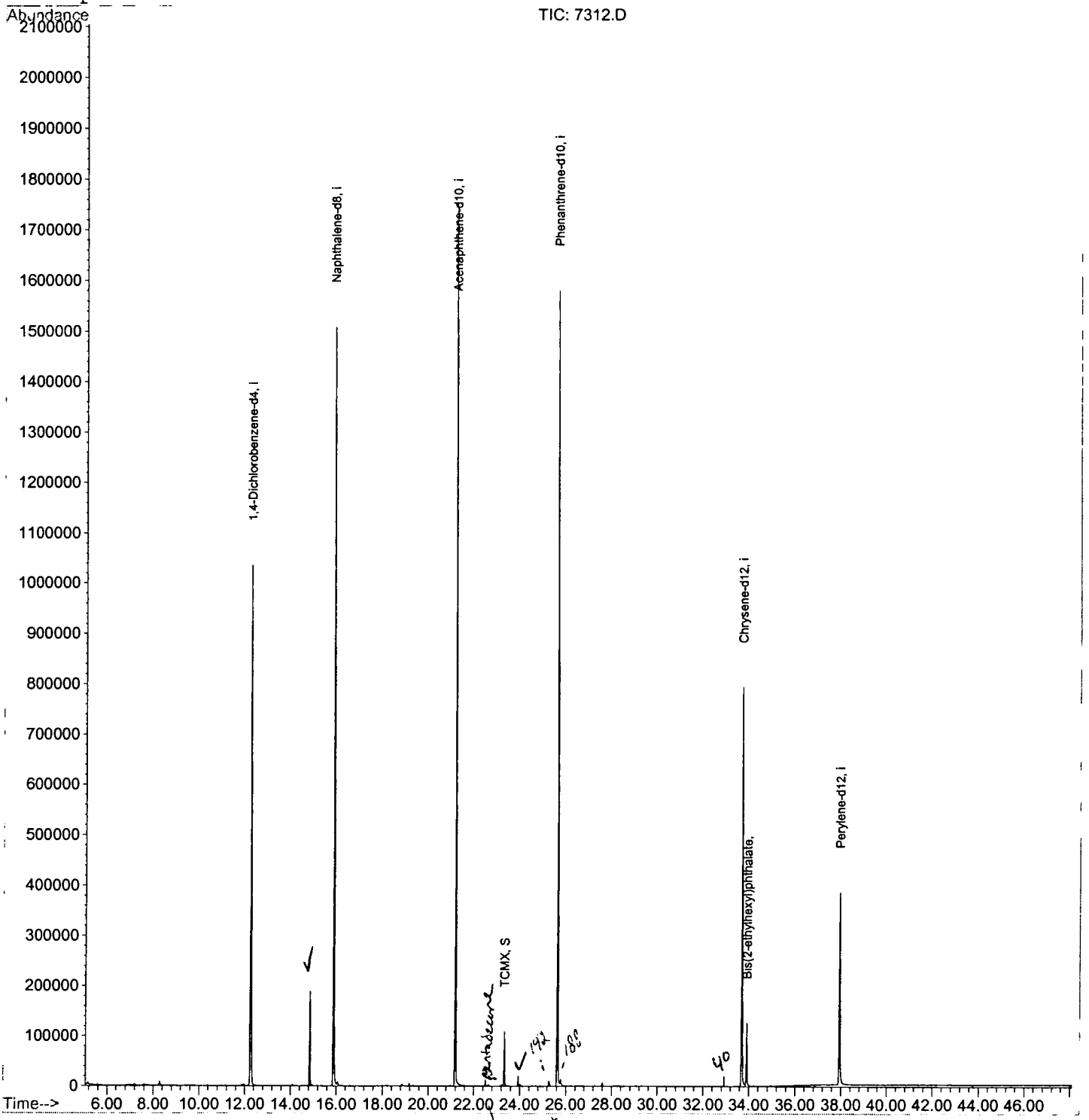
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Fluorene	0.00	166	0	N.D.	
29)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.63	178	354	N.D.	
35)	Anthracene	25.63	178	354	N.D.	
36)	Di-n-butylphthalate	27.60	149	8951	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.13	149	198	N.D.	
42)	Benzo(a)anthracene	33.69	228	1522	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.90	149	84721	4.49 ug/l	98
44)	Chrysene	33.77	228	189	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.76	252	401	N.D.	
48)	Benzo(k)fluoranthene	36.81	252	718	N.D.	
49)	Benzo(a)pyrene	37.93	252	1238	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR0302\7312.D Vial: 8
Acq On : 3 Apr 2002 7:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:48 2002 Quant Results File: GCMS0403.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0302\7312.D Vial: 8
Acq On : 3 Apr 2002 7:35 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

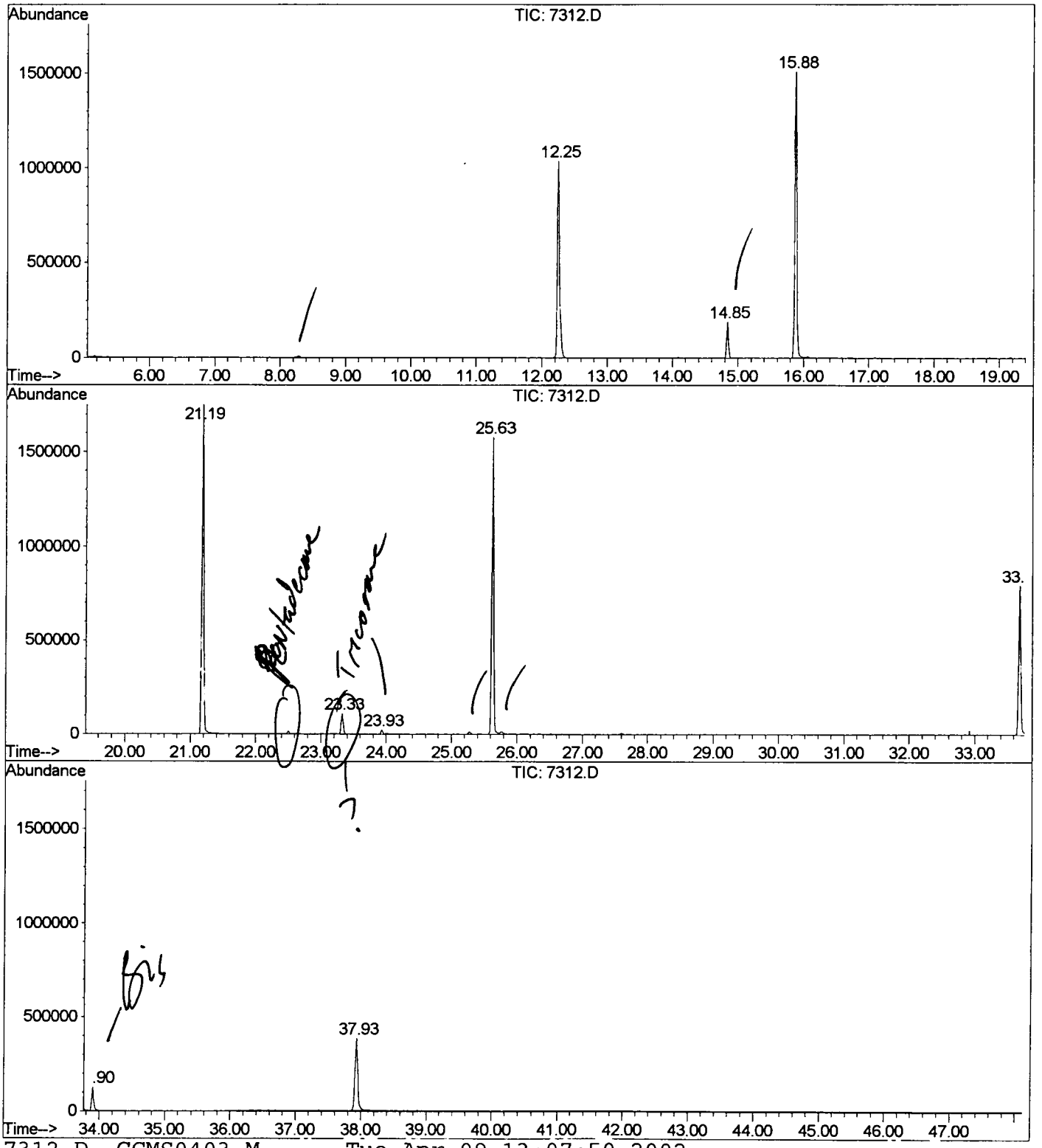
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.248	780	785	798	rVB	1033517	2406905	67.79%	14.842%
2	14.846	1063	1068	1074	rVB	188352	360894	10.16%	2.225%
3	15.884	1175	1181	1195	rBV	1506818	3104168	87.42%	19.141%
4	21.190	1753	1759	1780	rBV	1752955	3550677	100.00%	21.895%
5	23.329	1987	1992	1999	rVB	109378	221827	6.25%	1.368%
6	23.935	2051	2058	2062	rBV	20540	36342	1.02%	0.224%
7	25.633	2236	2243	2254	rBV	1579121	3261963	91.87%	20.114%
8	33.693	3114	3121	3138	rBV2	793081	1840257	51.83%	11.348%
9	33.905	3139	3144	3158	rVB	125445	276048	7.77%	1.702%
10	37.935	3575	3583	3602	rBV	382455	1158040	32.61%	7.141%

Sum of corrected areas: 16217121

7312.D GCMS0403.M Tue Apr 09 13:07:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0302\7312.D
Operator :
Acquired : 3 Apr 2002 7:35 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/28
Misc Info :
Vial Number: 8
Quant File :GCMS0403.RES (RTE Integrator)



7312.D GCMS0403.M Tue Apr 09 13:07:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7312.D
Acq On : 3 Apr 2002 7:35 pm
Sample : gc/ms scan 3/28
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS 209
Multiplr: 1.00

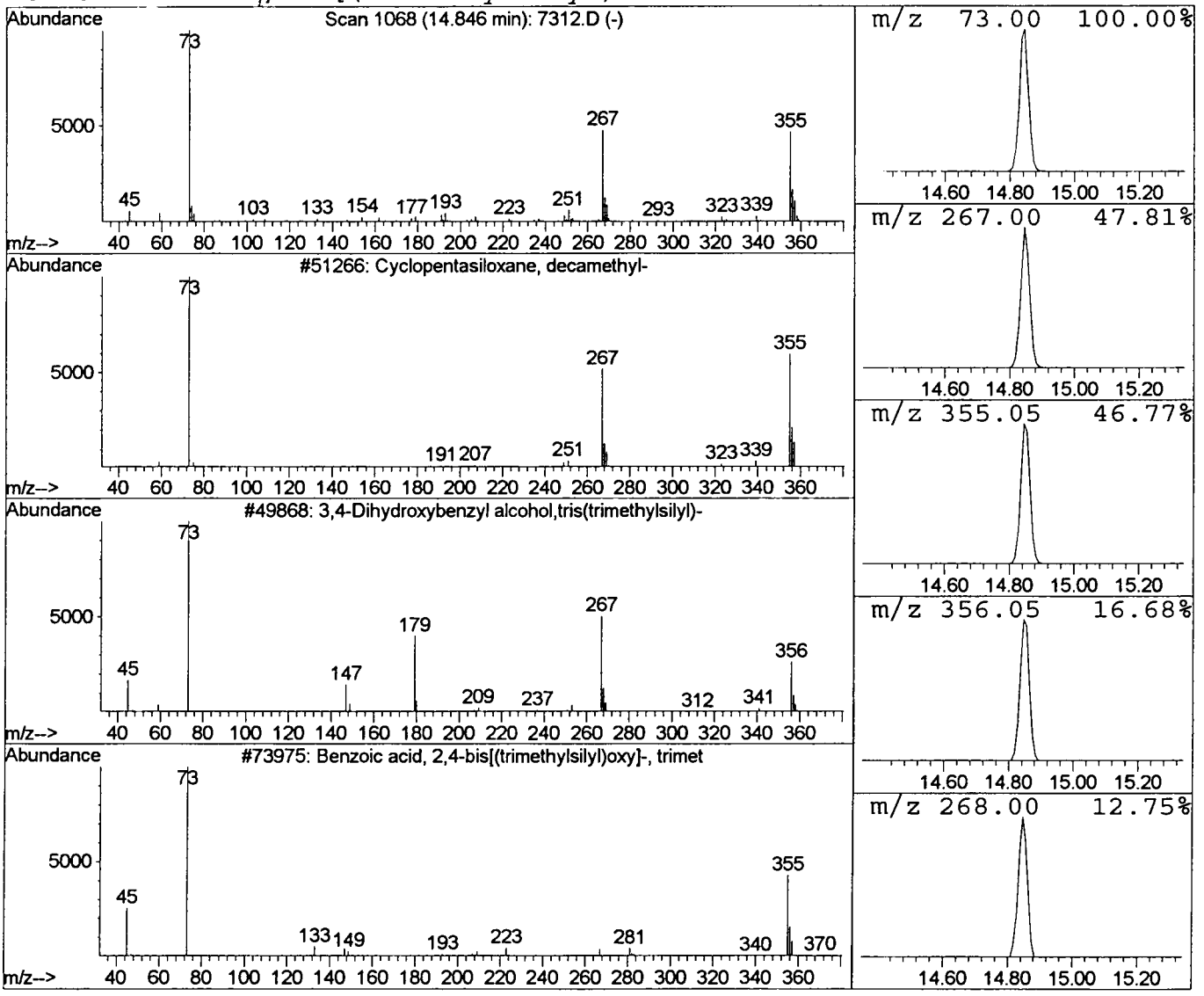
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.33 ug/l	360894	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	47
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	47
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0302\7312.D
Acq On : 3 Apr 2002 7:35 pm
Sample : gc/ms scan 3/28
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS 209
Multiplr: 1.00

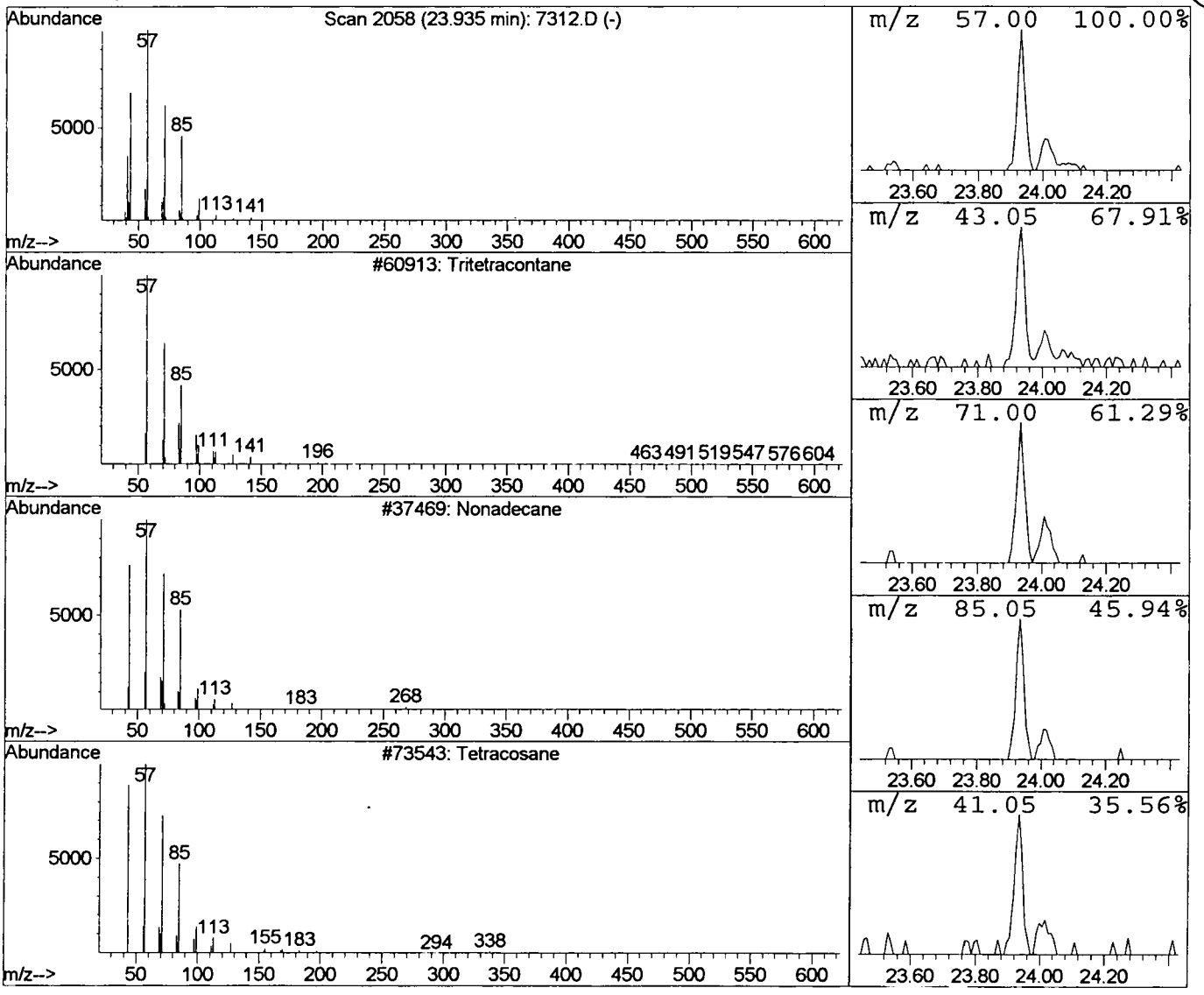
Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Tritetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	0.22 ug/l	36342	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tricosane	324	C23H48	000638-67-5	86



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Apr 2002 7:35 pm
Data File: C:\HPCHEM\1\DATA\APR0302\7312.D
Name: gc/ms scan 3/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0403.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,	14.85	2.3	ug/l	360894	ISTD02	15.88	3104170	20.0
Tritetracontane	23.93	0.2	ug/l	36342	ISTD04	25.63	3261960	20.0

7312.D GCMS0403.M Tue Apr 09 13:07:52 2002

Library Searched : C:\DATABASE\nbs75k.l
Quality : 86
ID : Pentadecane