User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 14:59:07

Sample: AE06633
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 14:58 Ended: 4/18/2002 14:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds			
2	Surr_2,4-DDD		100	5.0

Comments for Sample AE06633 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 14:59:48

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 below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\6633.D Vial: 6
Acq On : 16 Apr 2002 6:05 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:52 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	560882	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2019255	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1123611	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1598123	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1001841	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	659057	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	93182	5.01	ug/mL	0.16
Spiked Amount 5.000			Recovery = 100.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.42	74	2088	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	13.43	77	2244	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	15.91	128	277	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	22.63	149	3181	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
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.		

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

Quantitation Report (QT Reviewed)

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Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

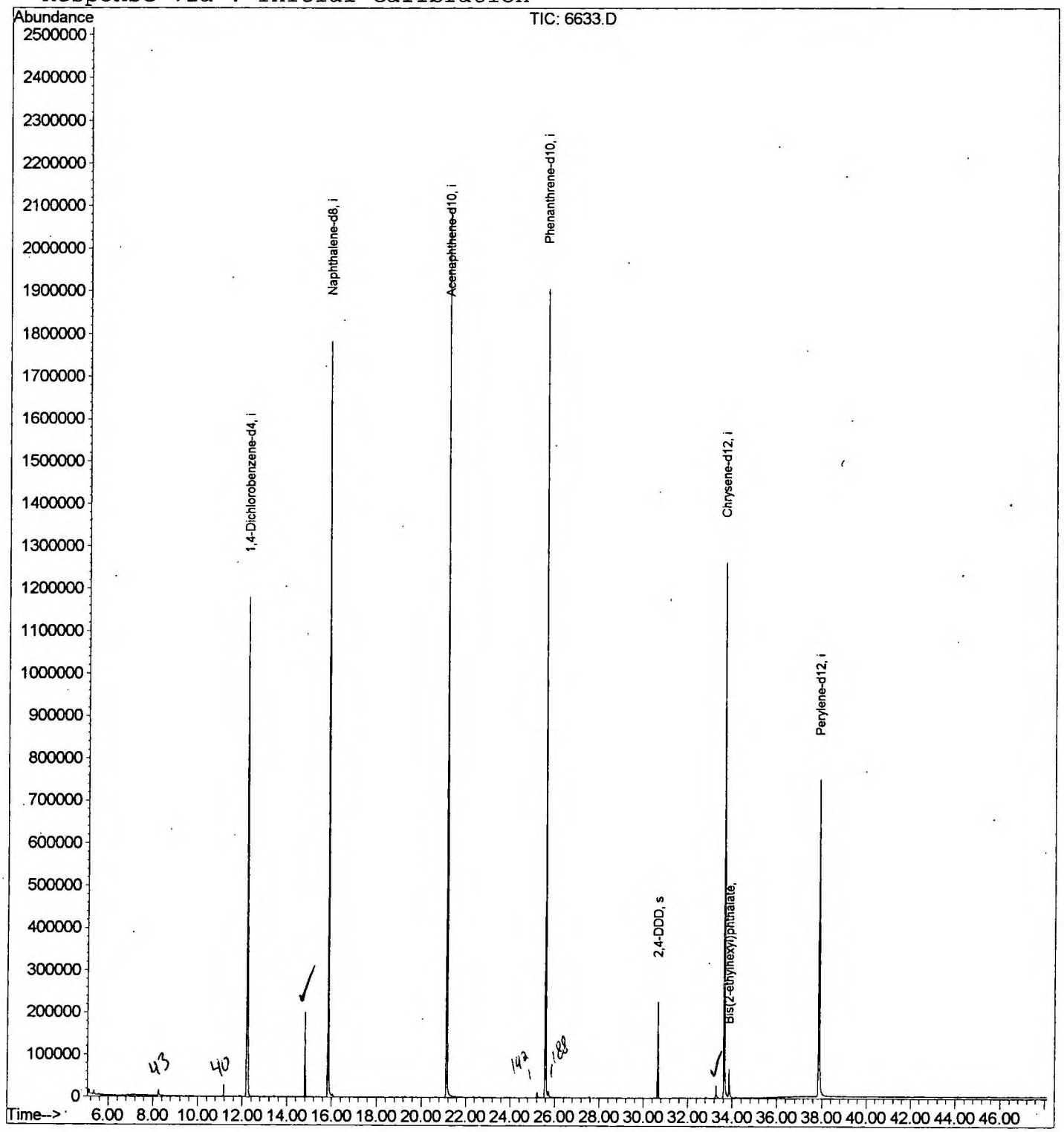
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	397	N.D.	
35) Anthracene	25.59	178	397	N.D.	
36) Di-n-butylphthalate	27.55	149	3942	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.09	149	229	N.D.	
42) Benzo(a)anthracene	33.71	228	1973	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	50211	1.99 ug/l	94
44) Chrysene	33.71	228	1806	N.D.	
46) Di-n-Octylphthalate	35.60	149	520	N.D.	
47) Benzo(b)fluoranthene	36.75	252	2855	N.D.	
48) Benzo(k)fluoranthene	36.75	252	2855	N.D.	
49) Benzo(a)pyrene	37.68	252	641	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\APR1602\6633.D Vial: 6
Acq On : 16 Apr 2002 6:05 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:52 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1602\6633.D Vial: 6
Acq On : 16 Apr 2002 6:05 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

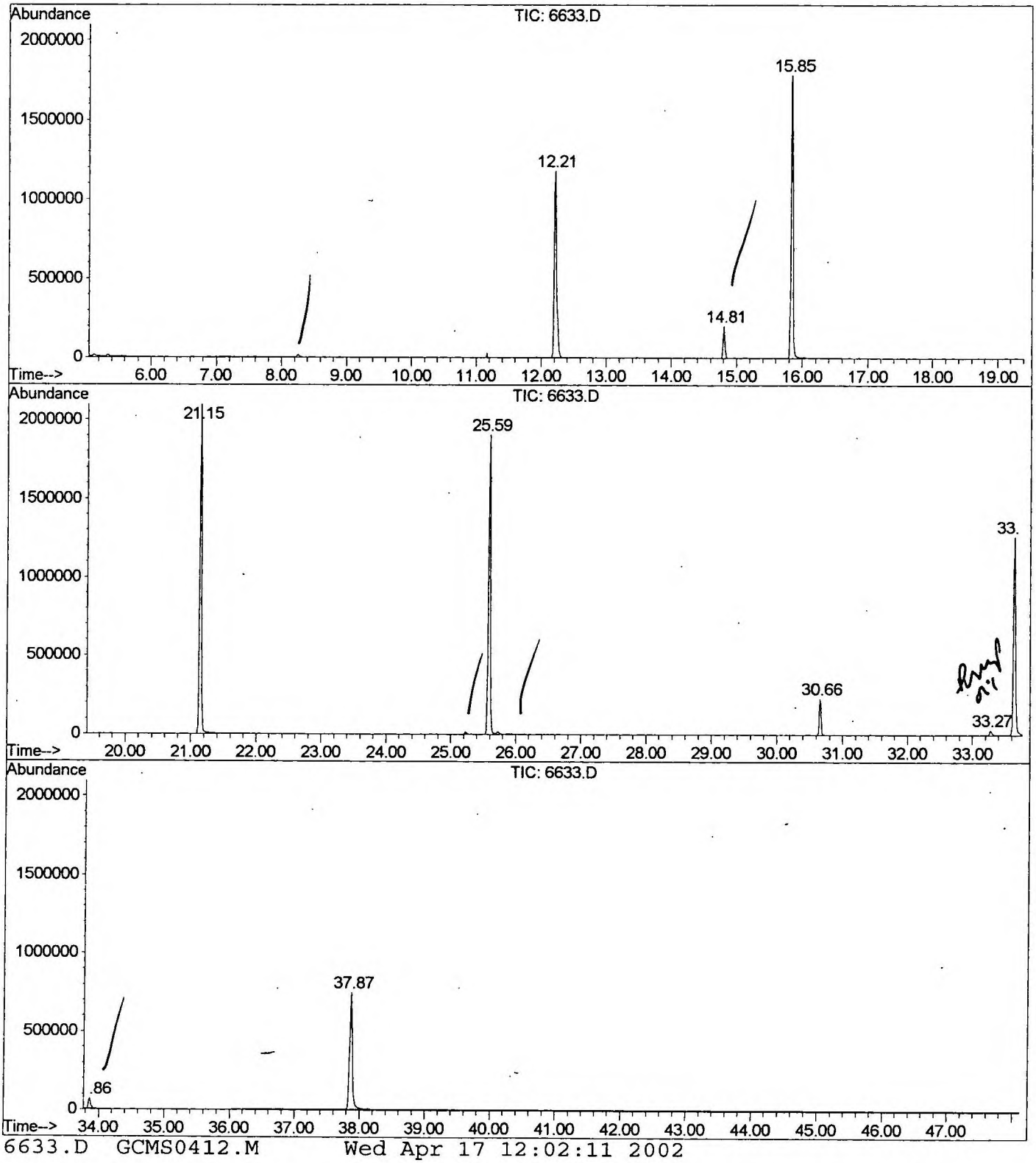
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.215	775	781	795	rVB	1175686	2946376	68.86%	13.936%
2	14.813	1059	1064	1070	rVB	200602	378229	8.84%	1.789%
3	15.850	1170	1177	1191	rBV	1783313	3775476	88.24%	17.857%
4	21.147	1748	1754	1776	rBV	2096179	4278689	100.00%	20.238%
5	25.590	2231	2238	2249	rBV	1905380	3983710	93.11%	18.842%
6	30.658	2785	2790	2799	rVB	226949	446306	10.43%	2.111%
7	33.274	3069	3075	3085	rBV	28918	71818	1.68%	0.340%
8	33.641	3105	3115	3130	rBV2	1262690	2885825	67.45%	13.650%
9	33.862	3134	3139	3149	rVV	65916	154211	3.60%	0.729%
10	37.874	3568	3576	3594	rBV2	745335	2221703	51.92%	10.508%

Sum of corrected areas: 21142343

6633.D GCMS0412.M Wed Apr 17 12:02:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6633.D
Operator :
Acquired : 16 Apr 2002 6:05 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/22
Misc Info :
Vial Number: 6
Quant File :GCMS0412.RES (RTE Integrator)



6633.D GCMS0412.M Wed Apr 17 12:02:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6633.D Vial: 6
Acq On : 16 Apr 2002 6:05 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

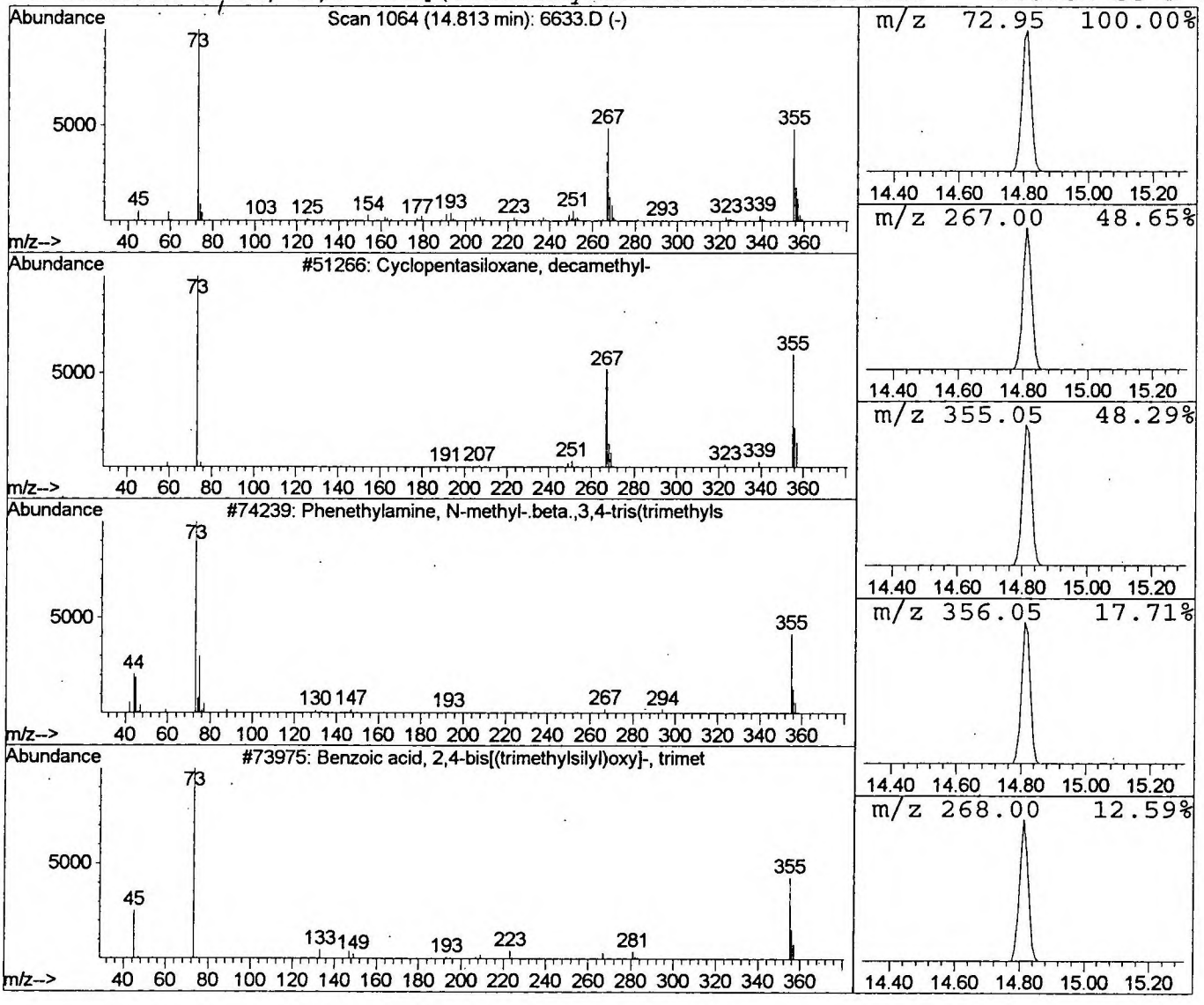
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.00 ug/l	378229	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6633.D Vial: 6
Acq On : 16 Apr 2002 6:05 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

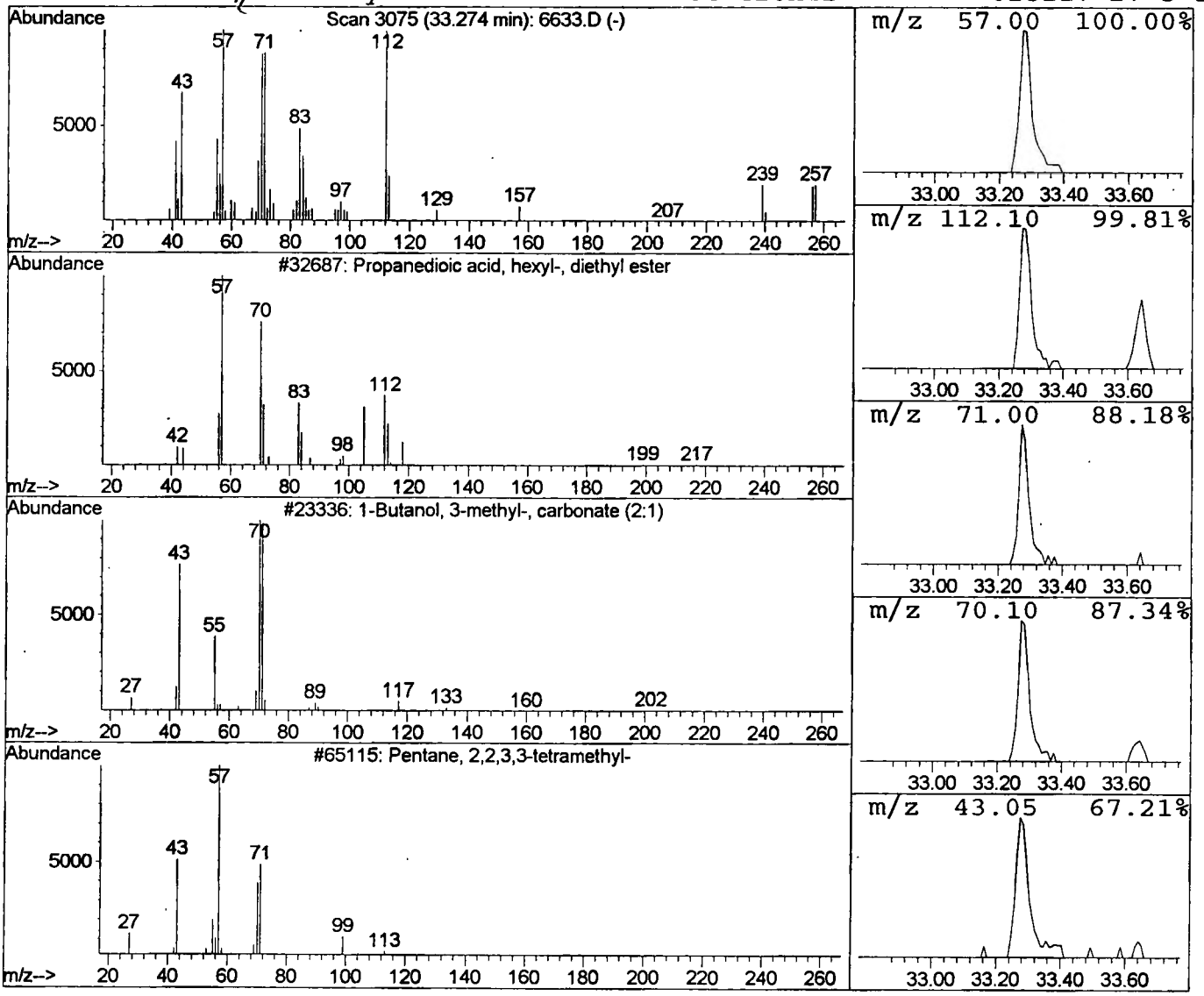
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanedioic acid, hexyl-, die Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.27	0.50 ug/l	71818	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	37
2	1-Butanol, 3-methyl-, carbonate (2:	202	C11H22O3	002050-95-5	27
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27
4	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 6:05 pm
Data File: C:\HPCHEM\1\DATA\APR1602\6633.D
Name: gc/ms scan 3/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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,	14.81	2.0	ug/l	378229	ISTD02	15.85	3775480	20.0
Propanedioic acid, h	33.27	0.5	ug/l	71818	ISTD05	33.64	2885830	20.0

6633.D GCMS0412.M Wed Apr 17 12:02:13 2002