User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 15:01:44

Sample: AE06634
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 15:01 Ended: 4/18/2002 15:01 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		95	5.0

Comments for Sample AE06634 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 15:02:15

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\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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	12.22	152	509387	20.00	ug/l	-0.02
10) Naphthalene-d8	15.84	136	1829115	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1022004	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1436166	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	862250	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	574128	20.00	ug/l	-0.05
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	79006	4.73	ug/mL	0.16
Spiked Amount 5.000			Recovery = 94.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.57	74	597	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	13.42	77	1915	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	15.90	128	362	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	21.48	165	185	N.D.		
25) Diethylphthalate	22.63	149	1831	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)

Data File : C:\HPCHEM\1\DATA\APR1602\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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

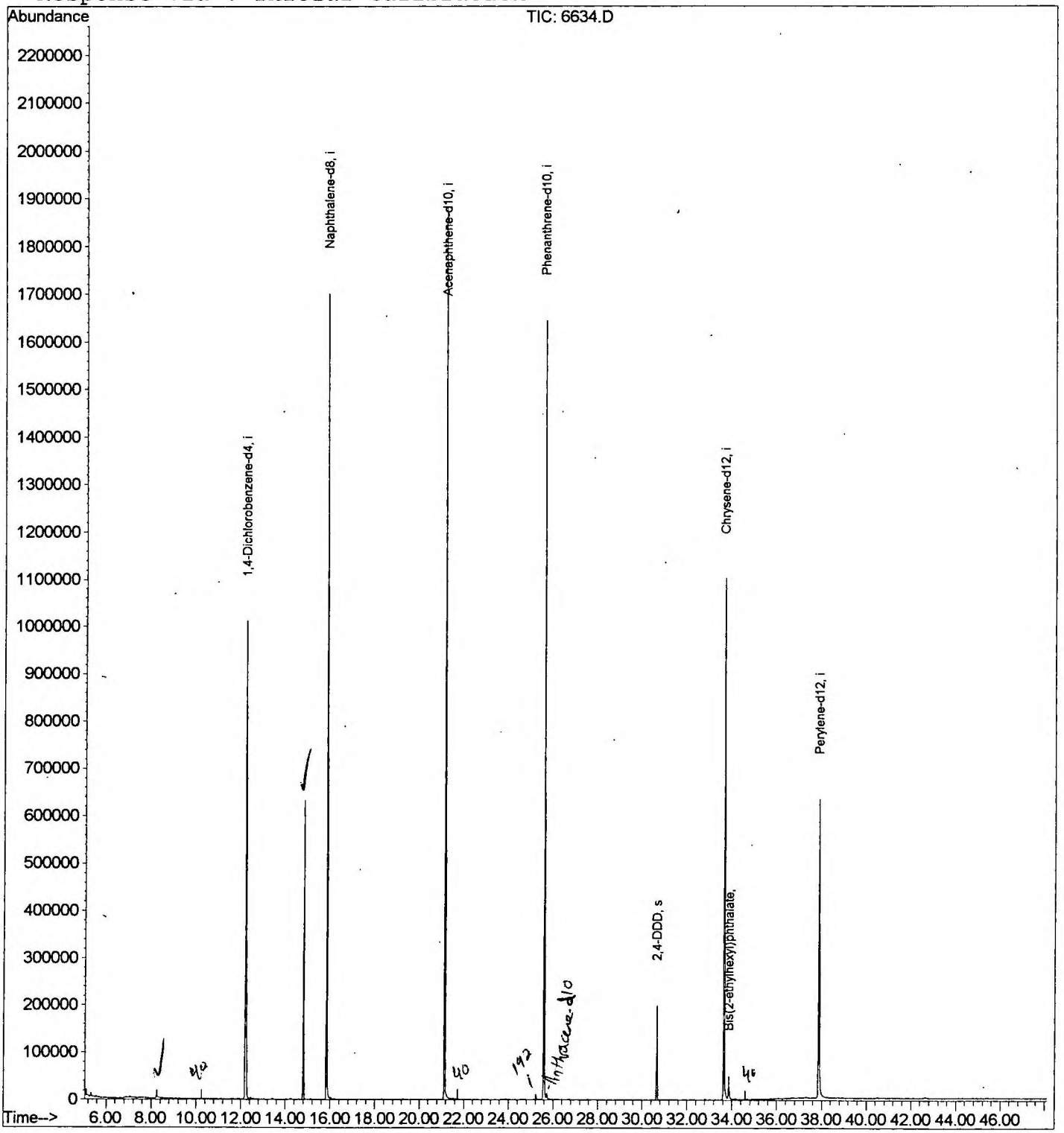
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.65	178	262	N.D.	
35)	Anthracene	25.65	178	262	N.D.	
36)	Di-n-butylphthalate	27.56	149	2885	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.07	149	199	N.D.	
42)	Benzo(a)anthracene	33.64	228	2645	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	37400	1.73 ug/l #	95
44)	Chrysene	33.71	228	647	N.D.	
46)	Di-n-Octylphthalate	35.60	149	438	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	659	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	1015	N.D.	
49)	Benzo(a)pyrene	37.88	252	2473	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\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:53 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\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 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

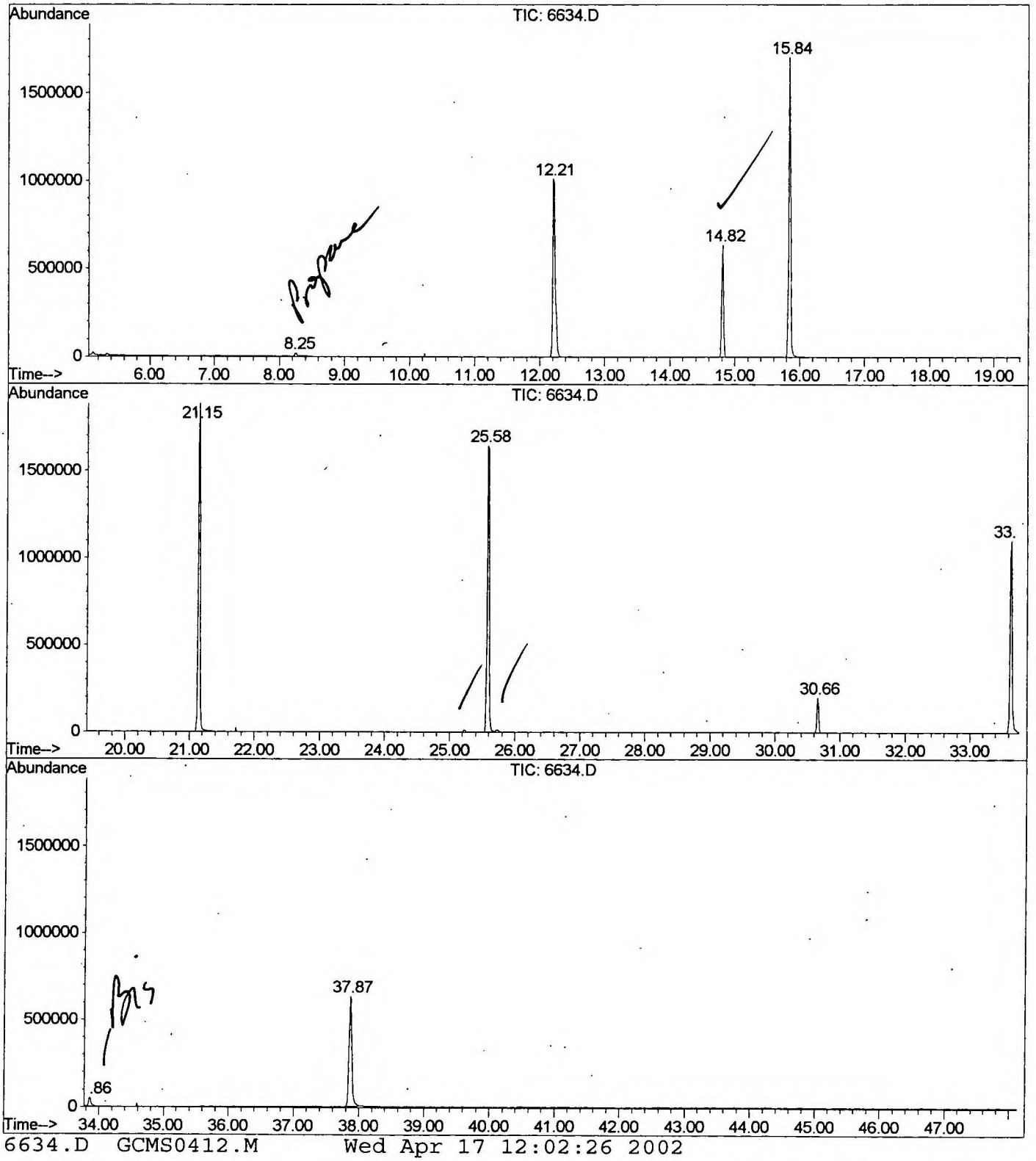
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.251	343	349	355	rBV	17780	40211	1.03%	0.203%
2	12.208	775	780	795	rVB	1008682	2688203	69.11%	13.558%
3	14.815	1058	1064	1070	rBV	632260	1244345	31.99%	6.276%
4	15.844	1170	1176	1192	rBV	1699631	3422796	88.00%	17.263%
5	21.150	1747	1754	1771	rBV	1882938	3889484	100.00%	19.616%
6	25.584	2231	2237	2248	rBV2	1643591	3606118	92.71%	18.187%
7	30.661	2785	2790	2796	rBV	198539	379806	9.76%	1.916%
8	33.644	3108	3115	3130	rBV	1100501	2515735	64.68%	12.688%
9	33.855	3134	3138	3153	rVB	48486	127963	3.29%	0.645%
10	37.867	3567	3575	3588	rBV2	629940	1913030	49.18%	9.648%

Sum of corrected areas: 19827691

6634.D GCMS0412.M Wed Apr 17 12:02:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1602\6634.D
Operator :
Acquired : 16 Apr 2002 7:04 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/22
Misc Info :
Vial Number: 7
Quant File :GCMS0412.RES (RTE Integrator)



6634.D GCMS0412.M Wed Apr 17 12:02:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

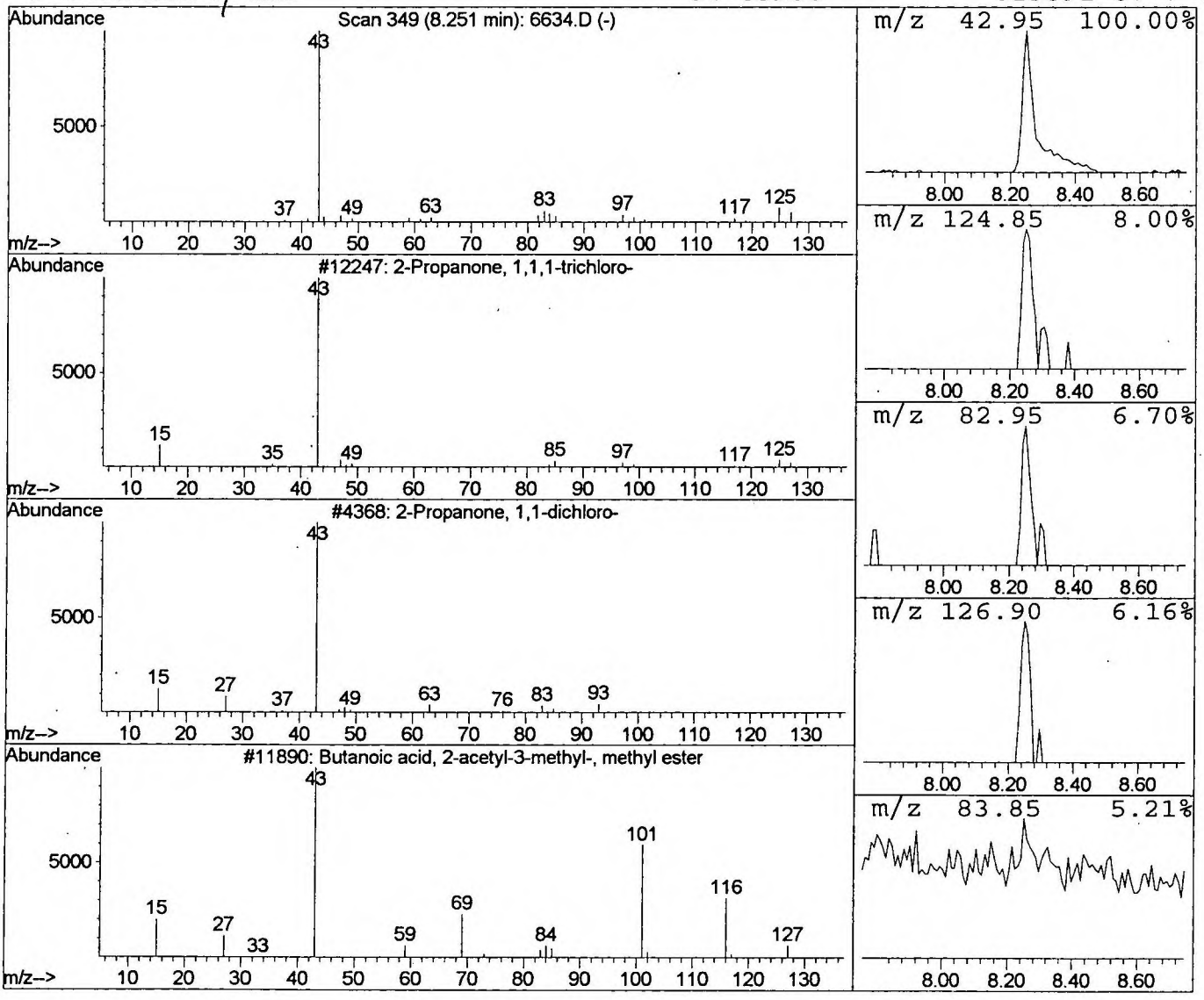
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.30 ug/l	40211	1,4-Dichlorobenzene-d4	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	78
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	Butanoic acid, 2-acetyl-3-methyl-,	158	C8H14O3	051756-10-6	9
4	4-Penten-2-one	84	C5H8O	013891-87-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1602\6634.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

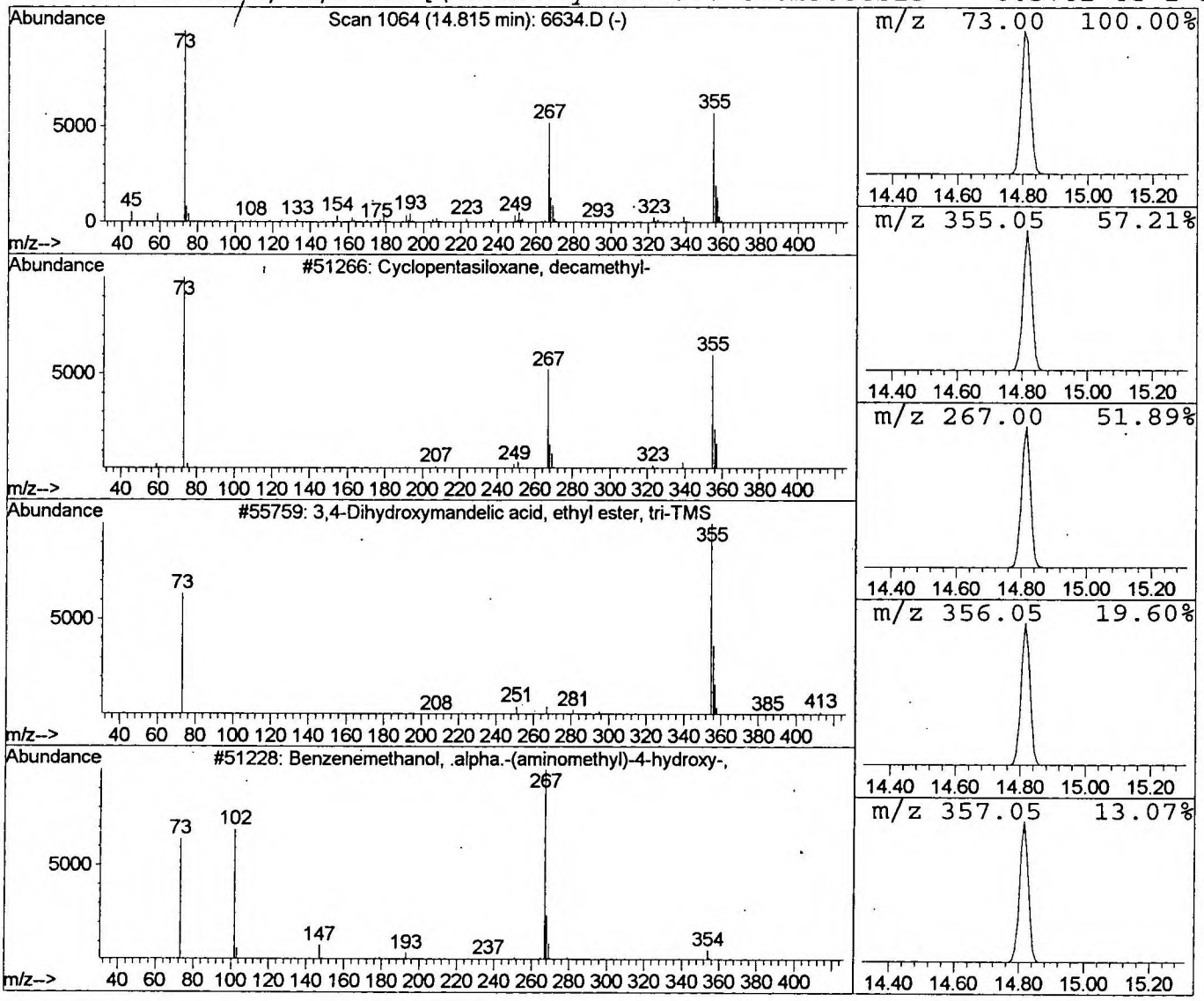
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.27 ug/l	1244350	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	47
3	Benzenemethanol, .alpha.-(aminometh	369	C17H35NO2Si3	056145-08-5	38
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 7:04 pm
Data File: C:\HPCHEM\1\DATA\APR1602\6634.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
2-Propanone, 1,1,1-t	8.25	0.3	ug/l	40211	ISTD01	12.22	2688200	20.0
Cyclopentasiloxane,	14.82	7.3	ug/l	1244350	ISTD02	15.84	3422800	20.0

6634.D GCMS0412.M Wed Apr 17 12:02:28 2002