User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 12:16:00

Sample: AE08212
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 12:15 Ended: 4/22/02 12:15 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE08212 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-22-2002 Time: 12:16:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\8212.D Vial: 23
Acq On : 18 Apr 2002 5:42 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:05 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	453247	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1647311	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	914777	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1331677	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	799428	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	496773	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	32389	7.06	ug/L	-0.05
Spiked Amount 10.000			Recovery = 70.60%			
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	15.90	128	305	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	22.62	149	358	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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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	25.59	178	193	N.D.	
35) Anthracene	25.59	178	193	N.D.	
36) Di-n-butylphthalate	27.55	149	1359	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	1892	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	2831	N.D.	
44) Chrysene	33.65	228	1891	N.D.	
46) Di-n-Octylphthalate	35.60	149	457	N.D.	
47) Benzo(b)fluoranthene	36.69	252	193	N.D.	
48) Benzo(k)fluoranthene	36.69	252	193	N.D.	
49) Benzo(a)pyrene	37.88	252	1784	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.	

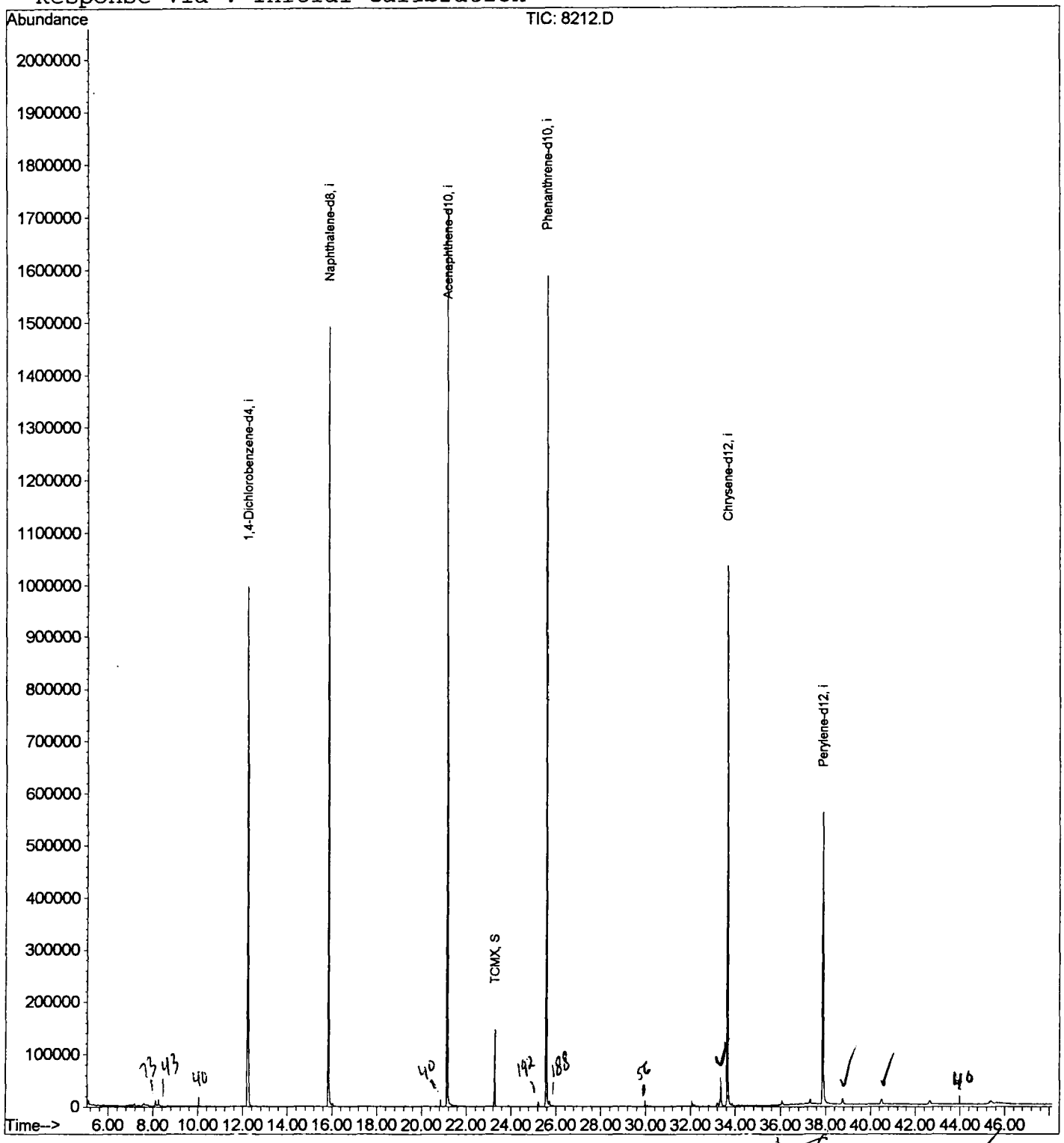
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\8212.D
Acq On : 18 Apr 2002 5:42 am
Sample : gc/ms scan 4/8
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:05 2002

Vial: 23
Operator:
Inst : 209
Multiplr: 1.00
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\APR1702\8212.D Vial: 23
Acq On : 18 Apr 2002 5:42 am Operator:
Sample : gc/ms scan 4/8 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

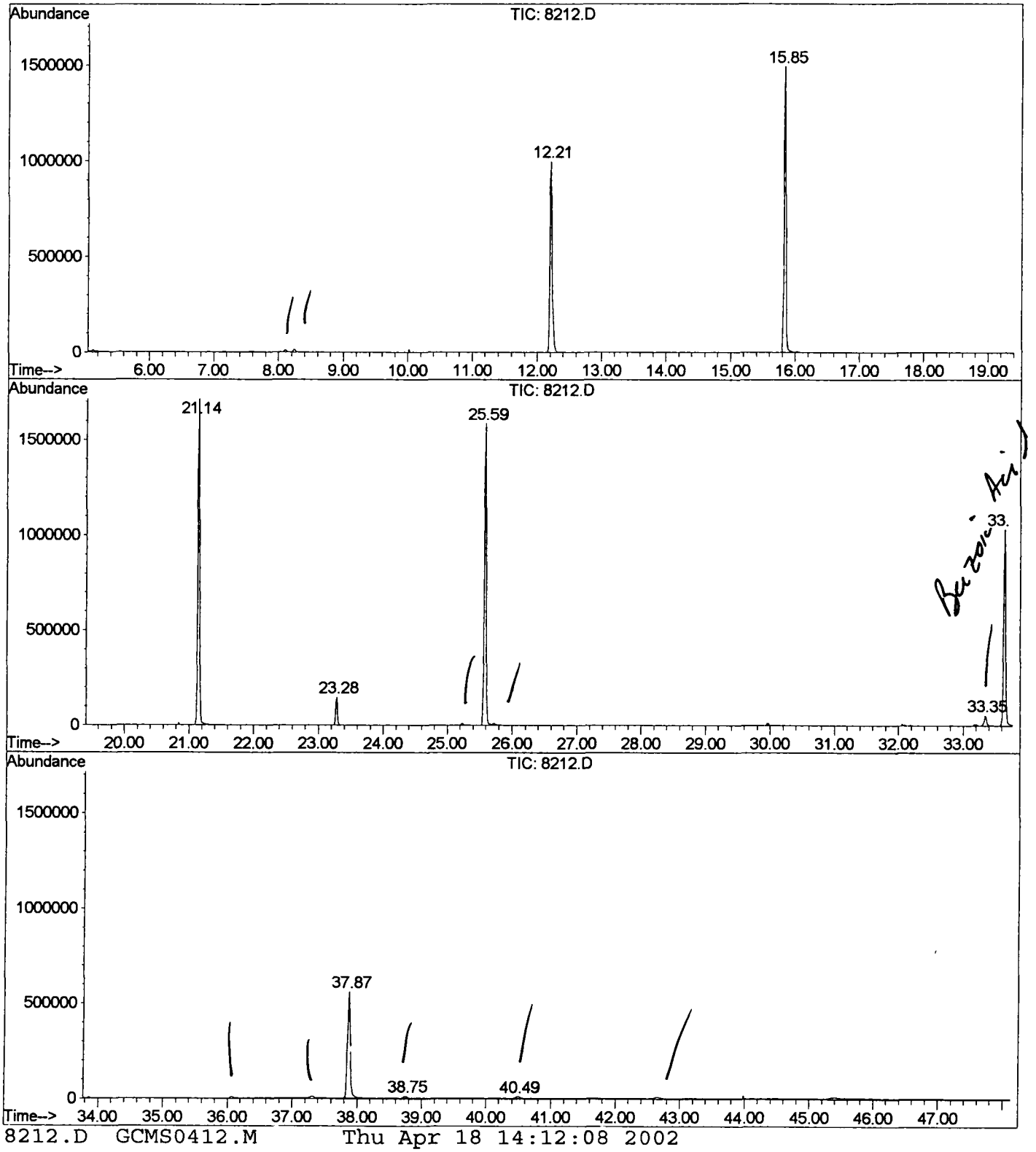
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.212	775	781	795	rBV	997102	2422135	70.28%	14.470%
2	15.848	1171	1177	1194	rBV	1491257	3086751	89.57%	18.440%
3	21.145	1748	1754	1777	rBV	1714864	3446378	100.00%	20.588%
4	23.284	1980	1987	1993	rBV	147165	286634	8.32%	1.712%
5	25.588	2231	2238	2250	rBV	1587419	3309075	96.02%	19.768%
6	33.345	3073	3083	3093	rBV2	54028	144350	4.19%	0.862%
7	33.639	3106	3115	3133	rBV2	1034189	2294897	66.59%	13.710%
8	37.871	3567	3576	3592	rBV2	557014	1671679	48.51%	9.987%
9	38.753	3665	3672	3679	rVB3	10209	35949	1.04%	0.215%
10	40.488	3854	3861	3874	rVB8	9657	41533	1.21%	0.248%

Sum of corrected areas: 16739381

8212.D GCMS0412.M Thu Apr 18 14:12:07 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\8212.D
Operator :
Acquired : 18 Apr 2002 5:42 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/8
Misc Info :
Vial Number: 23
Quant File :GCMS0412.RES (RTE Integrator)



8212.D GCMS0412.M Thu Apr 18 14:12:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8212.D Vial: 23
Acq On : 18 Apr 2002 5:42 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

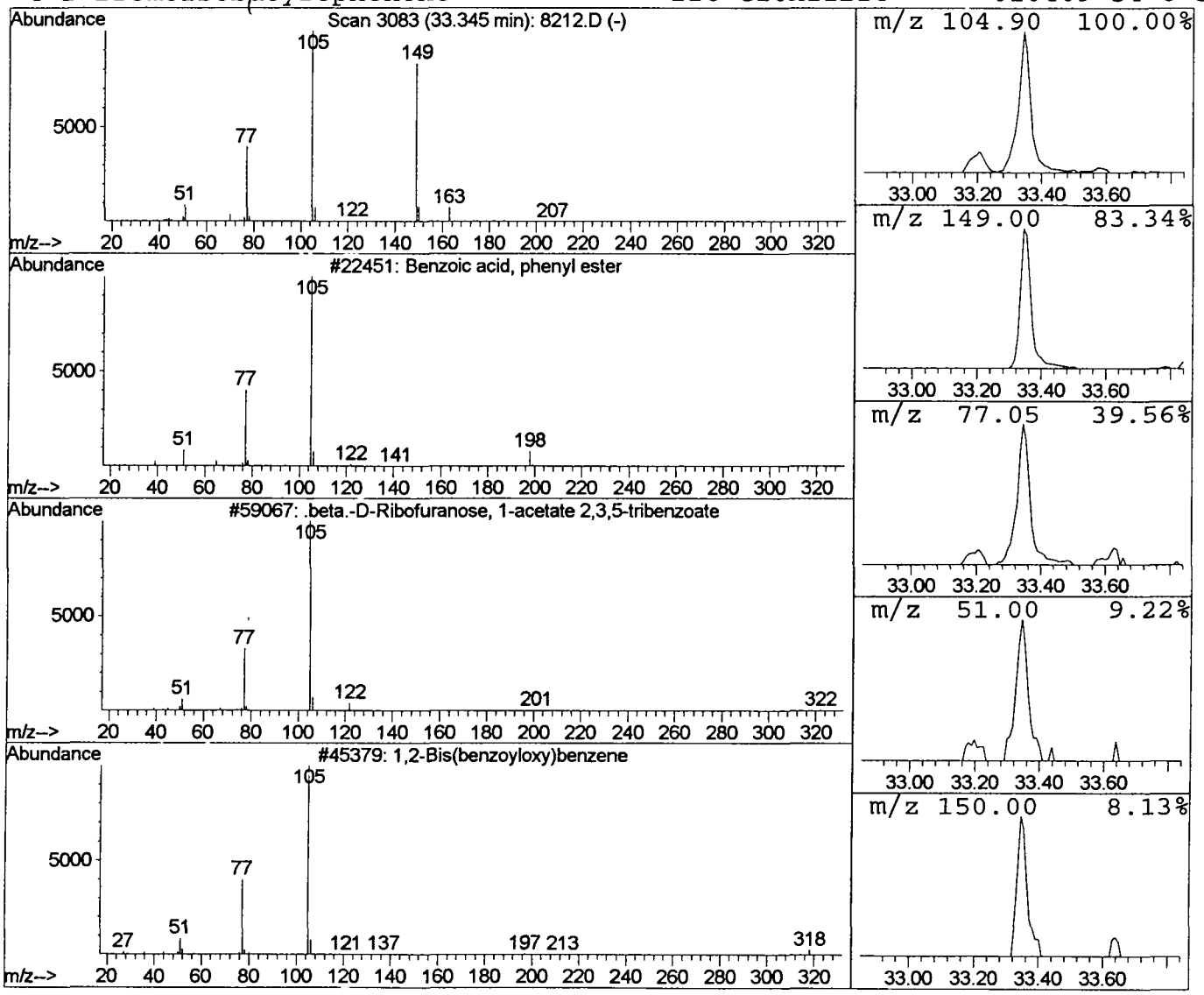
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Benzoic acid, phenyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.35	1.26 ug/l	144350	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	35
2	.beta.-D-Ribofuranose, 1-acetate 2,	504	C28H24O9	006974-32-9	35
3	1,2-Bis(benzoyloxy)benzene	318	C20H14O4	000643-94-7	35
4	2-Bromoisobutyrophenone	226	C10H11BrO	010409-54-8	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8212.D Vial: 23
Acq On : 18 Apr 2002 5:42 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

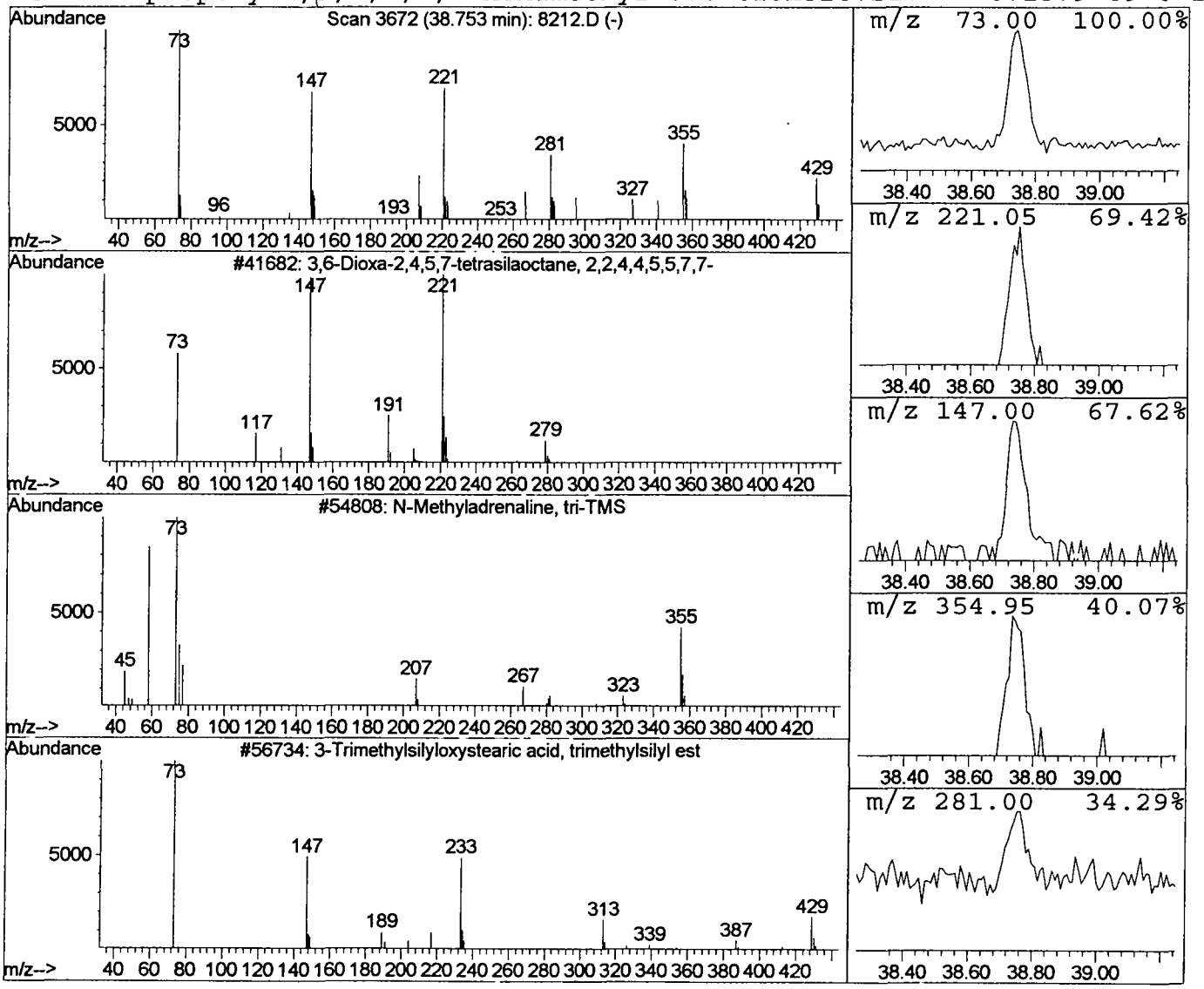
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	0.43 ug/l	35949	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	27
2	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	14
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	14
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8212.D Vial: 23
Acq On : 18 Apr 2002 5:42 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

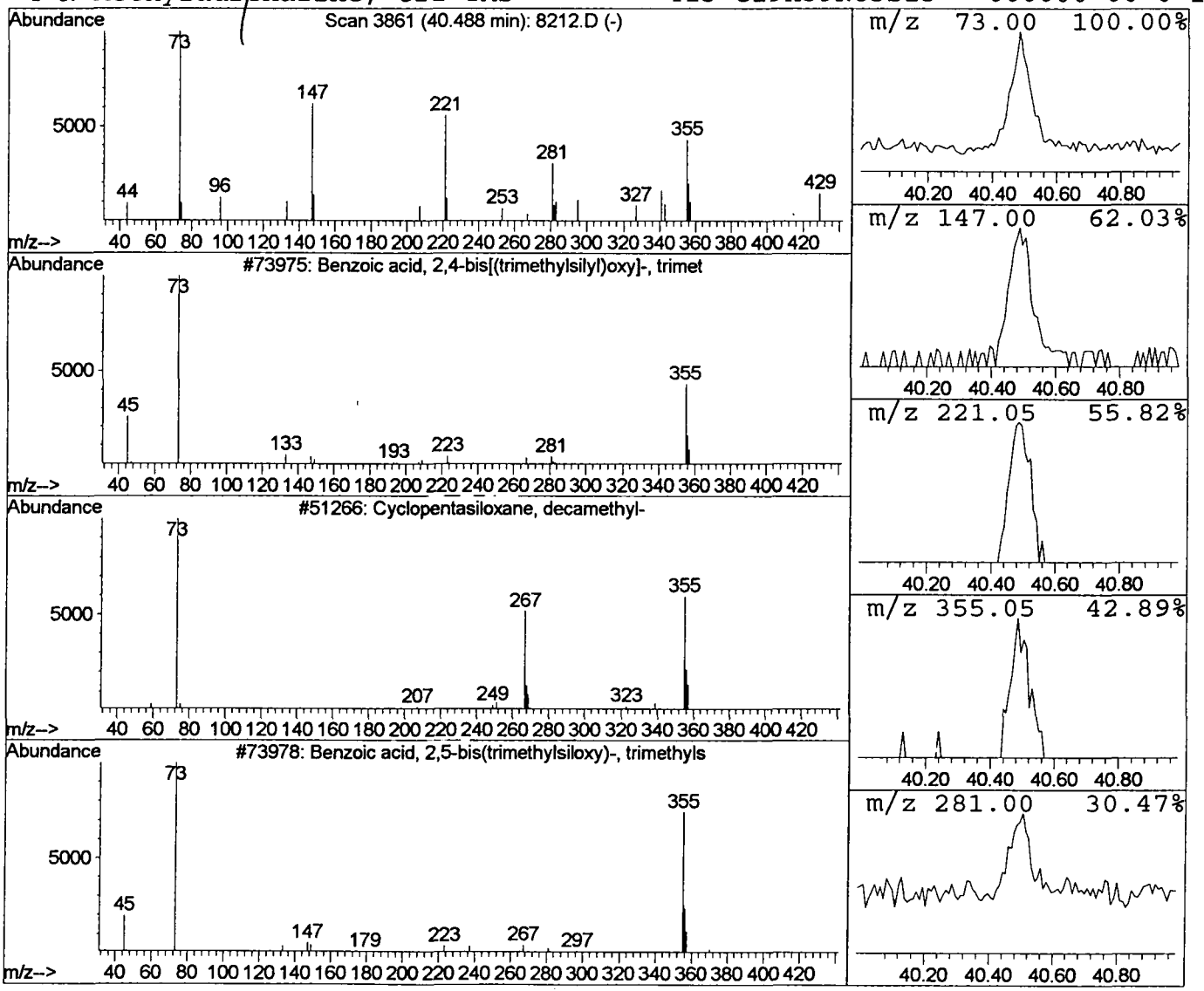
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzoic acid, 2,4-bis[(trimeth Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.49	0.50 ug/l	41533	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	22
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	10
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 5:42 am
Data File: C:\HPCHEM\1\DATA\APR1702\8212.D
Name: gc/ms scan 4/8
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
Benzoic acid, phenyl	33.35	1.3	ug/l	144350	ISTD05	33.64	2294900	20.0
3,6-Dioxa-2,4,5,7-te	38.75	0.4	ug/l	35949	ISTD06	37.87	1671680	20.0
Benzoic acid, 2,4-bi	40.49	0.5	ug/l	41533	ISTD06	37.87	1671680	20.0

8212.D GCMS0412.M Thu Apr 18 14:12:12 2002