User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:21:15

Sample: AE02647
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:20 Ended: 3/15/02 17:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AE02647 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:21:19

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:28 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.30	152	427207	20.00	ug/l	-0.05
10) Naphthalene-d8	15.94	136	1668599	20.00	ug/l	-0.06
17) Acenaphthene-d10	21.25	164	887174	20.00	ug/l	-0.07
29) Phenanthrene-d10	25.69	188	1366324	20.00	ug/l	-0.08
38) Chrysene-d12	33.76	240	1103026	20.00	ug/l	-0.09
44) Perylene-d12	38.03	264	823029	20.00	ug/l	-0.10
System Monitoring Compounds						
37) 2,4-DDD	30.77	235	79634	5.58	ug/mL	0.27
Spiked Amount 5.000			Recovery = 111.60%			
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	15.98	128	206	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	22.71	149	883	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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Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.70	178	340	N.D.	
34)	Anthracene	25.70	178	340	N.D.	
35)	Di-n-butylphthalate	27.65	149	10823	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	33.76	228	2613	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.96	149	4314	N.D.	
43)	Chrysene	33.76	228	2612	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.03	252	3140	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\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
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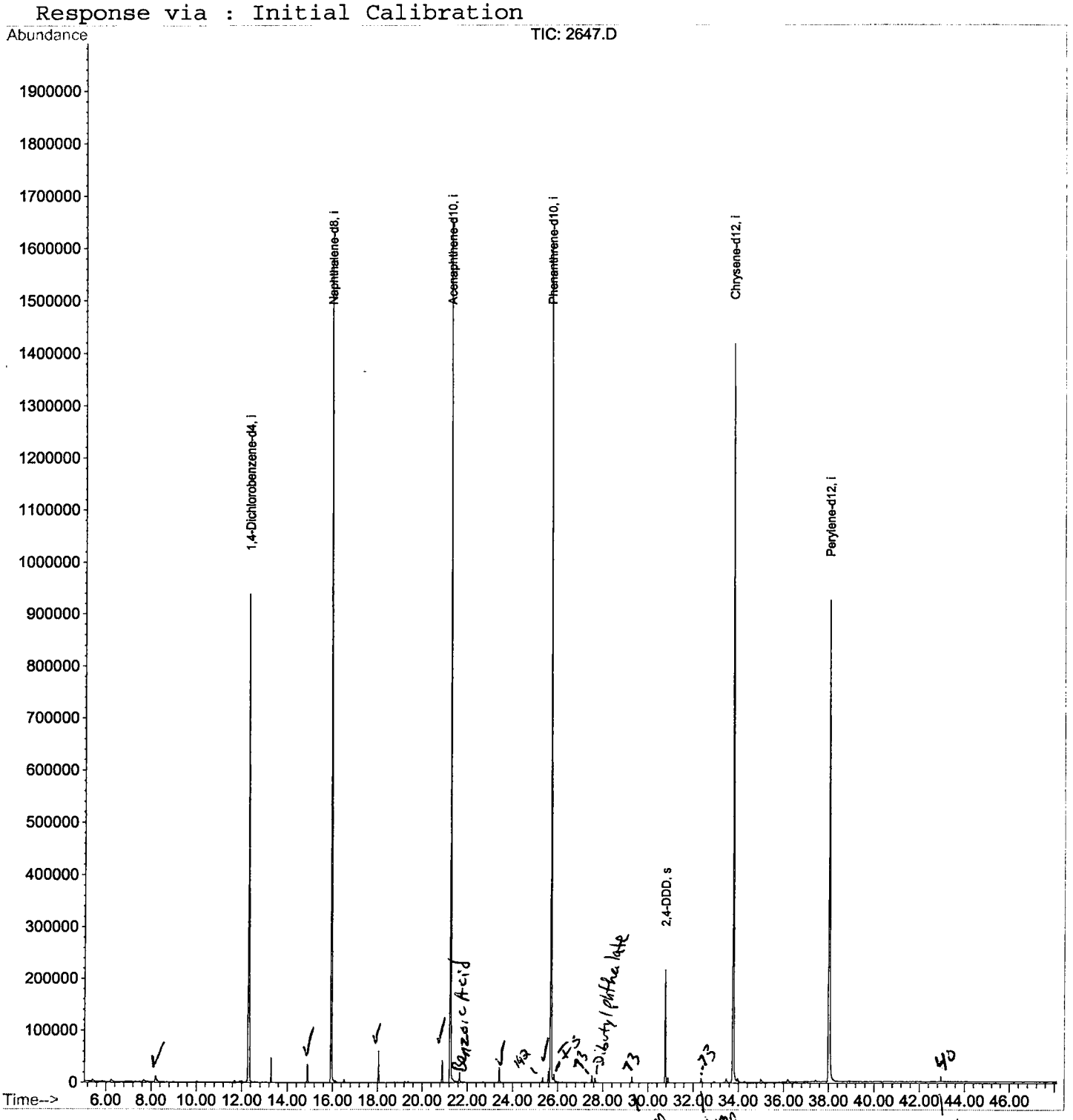
Quant Time: Mar 13 14:28 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

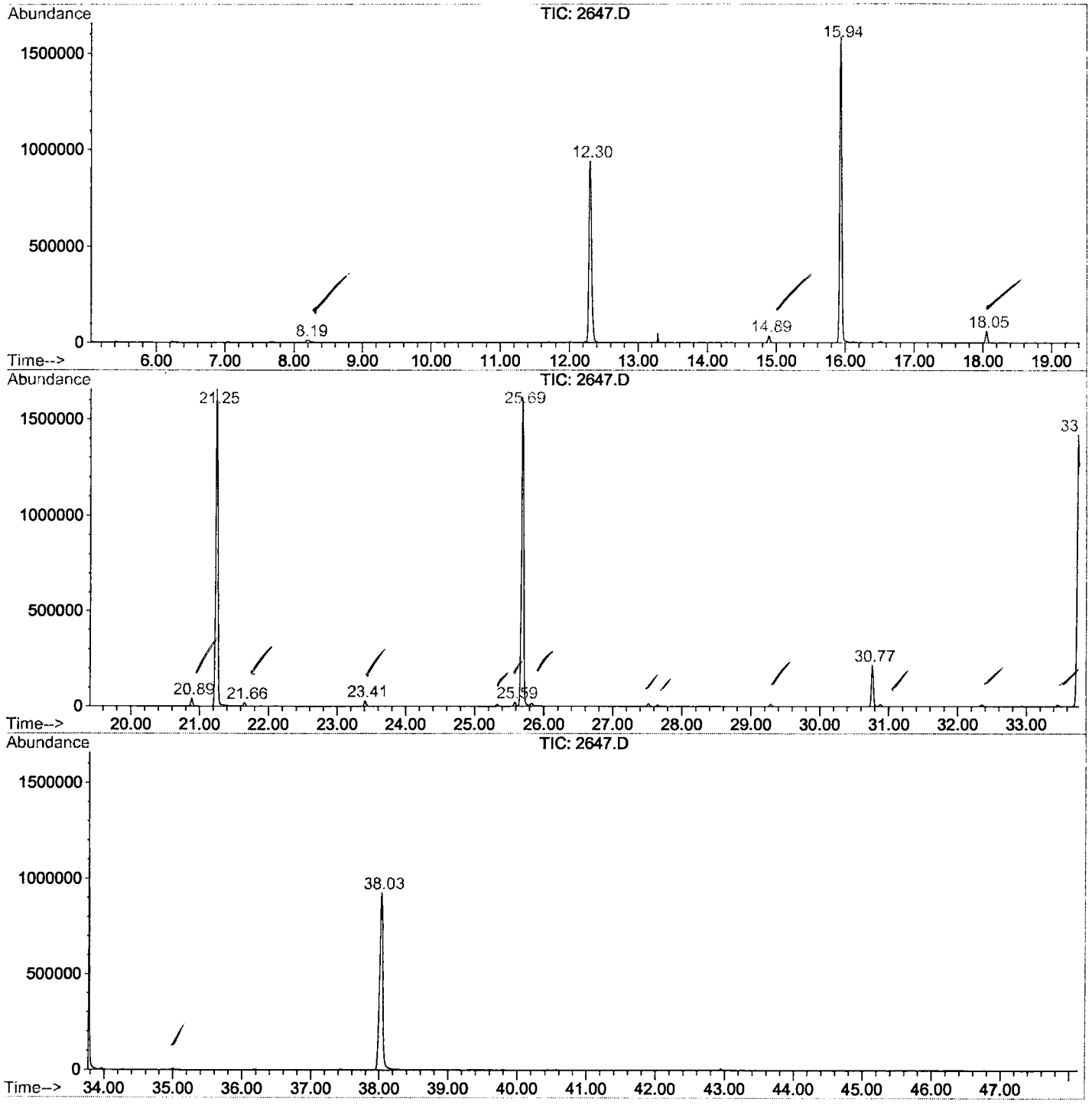
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.191	338	343	355	rBV	11587	46379	1.31%	0.234%
2	12.304	785	791	803	rVB	937014	2421087	68.25%	12.211%
3	14.892	1068	1073	1081	rBV	35316	68905	1.94%	0.348%
4	15.939	1180	1187	1202	rBV	1580915	3218420	90.72%	16.233%
5	18.050	1412	1417	1423	rVB	60595	115639	3.26%	0.583%
6	20.887	1720	1726	1732	rBV	42790	81053	2.28%	0.409%
7	21.245	1759	1765	1777	rBV	1657224	3461075	97.56%	17.457%
8	21.658	1803	1810	1817	rVB	18672	36745	1.04%	0.185%
9	23.412	1996	2001	2006	rBV	29075	55156	1.55%	0.278%
10	25.587	2232	2238	2242	rBV	21397	41574	1.17%	0.210%
11	25.688	2242	2249	2259	rBV2	1613534	3547477	100.00%	17.893%
12	30.765	2797	2802	2808	rBV	217255	414988	11.70%	2.093%
13	33.758	3116	3128	3143	rBV2	1417865	3361626	94.76%	16.955%
14	38.027	3583	3593	3621	rBV2	924676	2956164	83.33%	14.910%

Sum of corrected areas: 19826288

2647.D GCMS0208.M Wed Mar 13 14:57:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0702\2647.D
Operator :
Acquired : 8 Mar 2002 8:25 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 20
Quant File :GCMS0208.RES (RTE Integrator)



2647.D GCMS0208.M Wed Mar 13 14:58:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

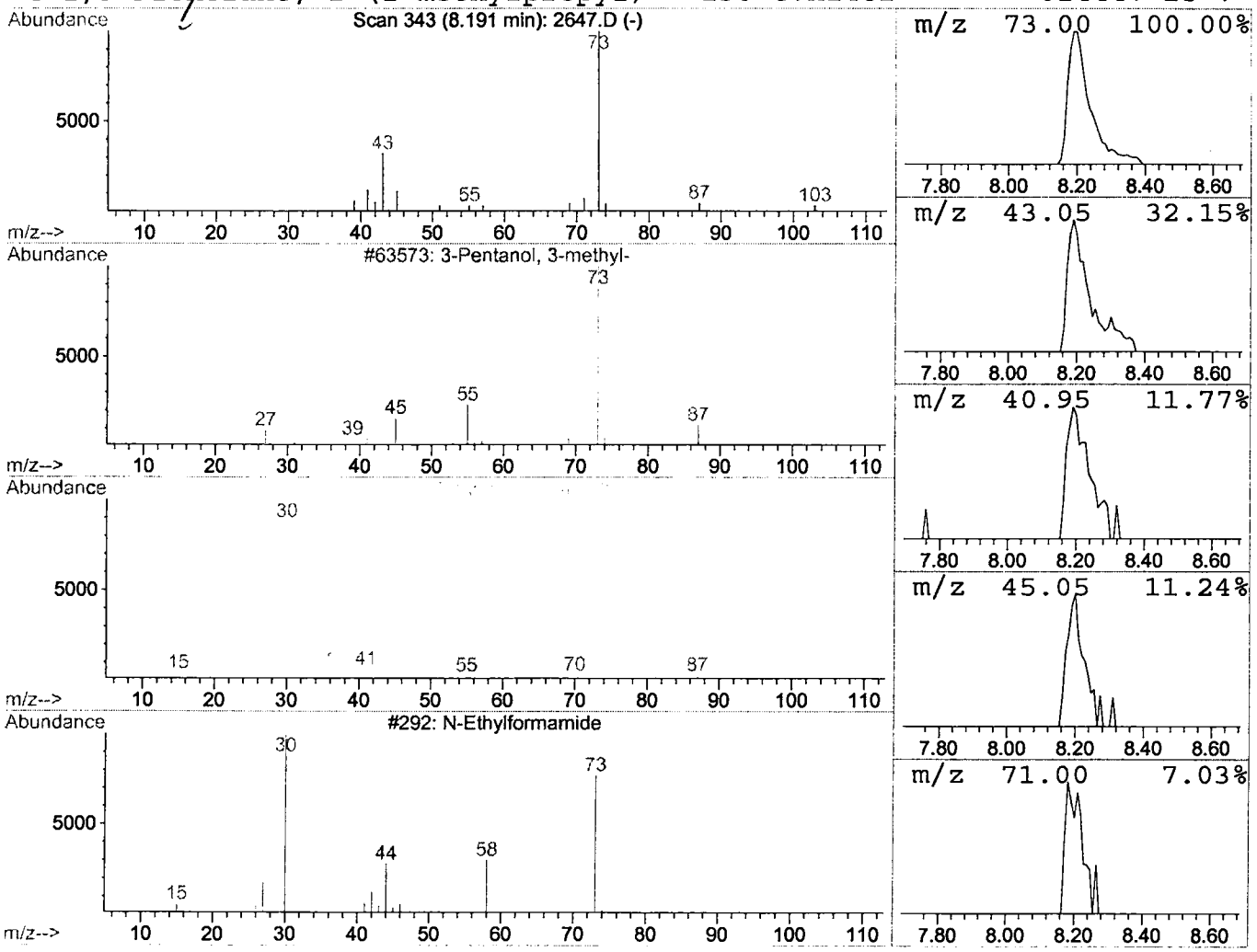
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	0.38 ug/l	46379	1,4-Dichlorobenzene-d4	12.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

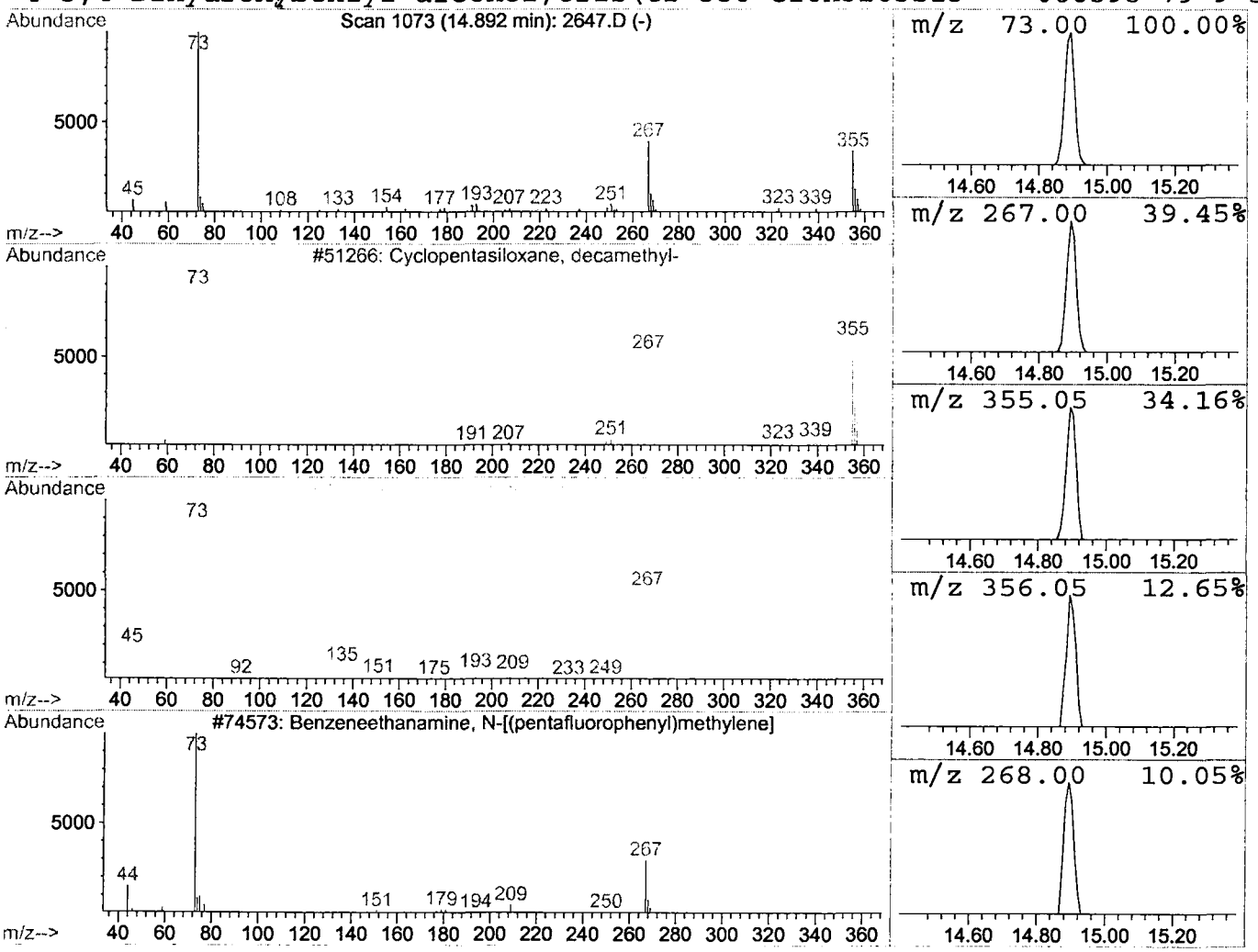
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	0.43 ug/l	68905	Naphthalene-d8	15.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

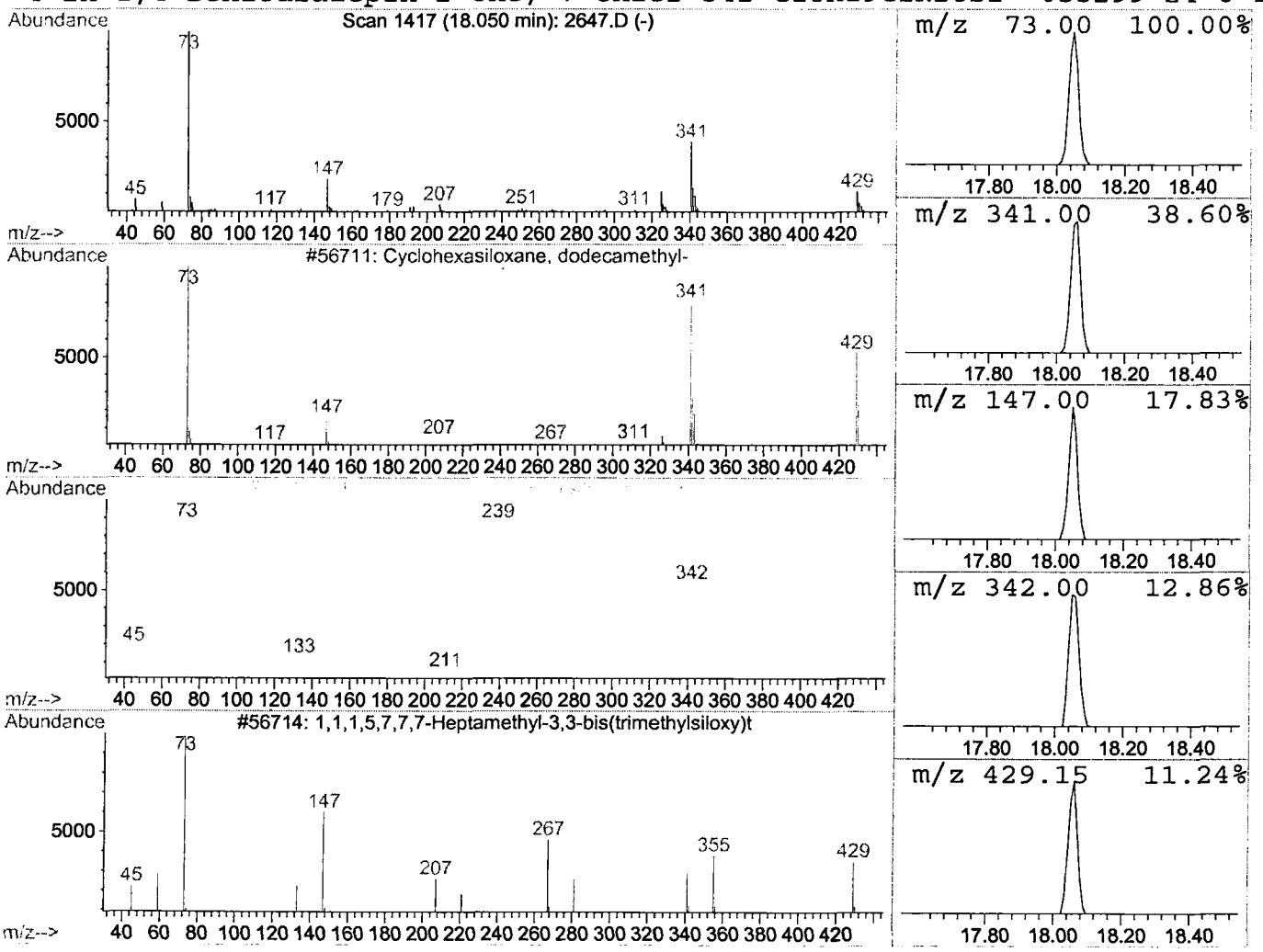
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	0.72 ug/l	115639	Naphthalene-d8	15.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	14
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

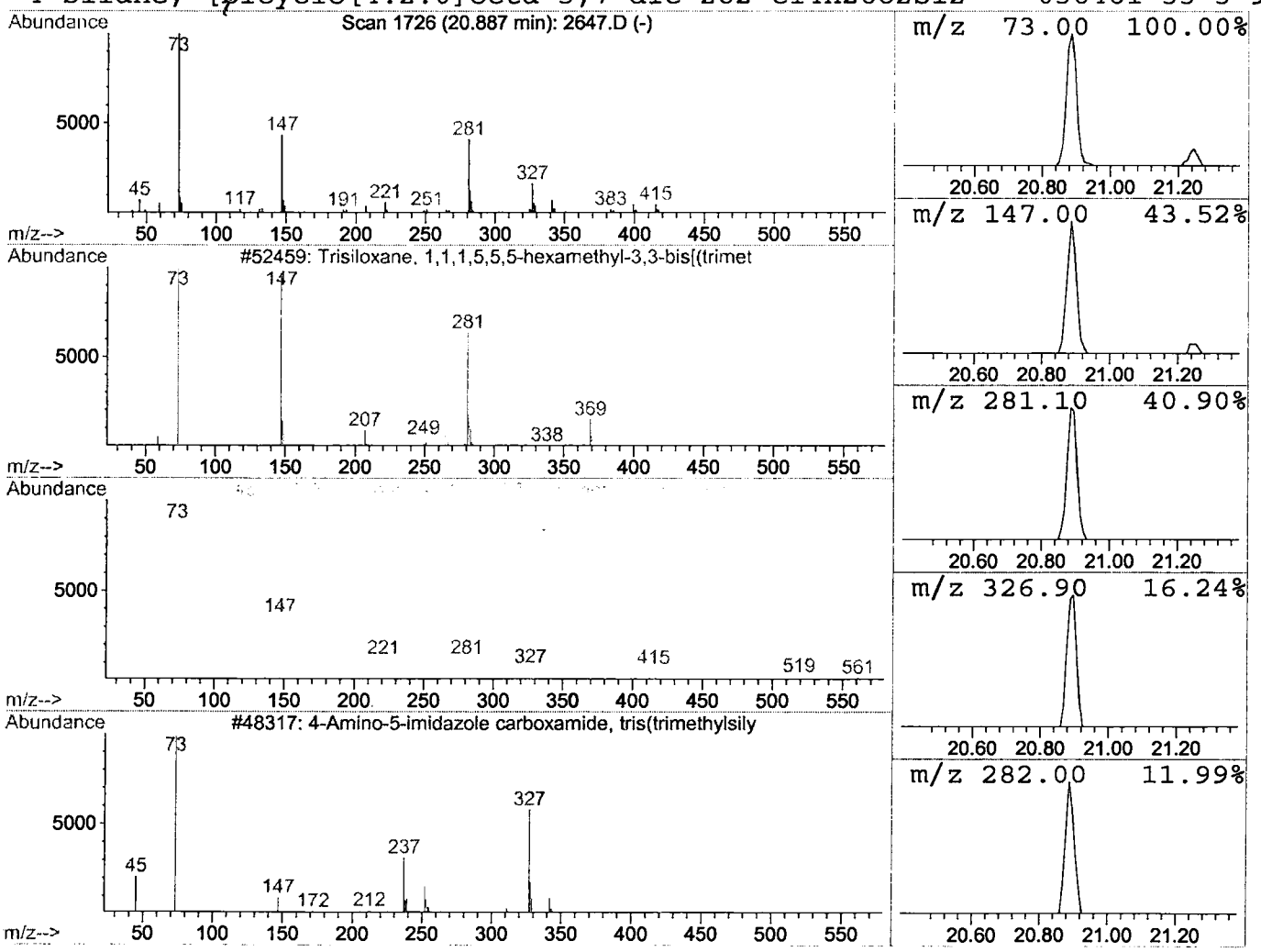
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	0.47 ug/l	81053	Acenaphthene-d10	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	47
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	20
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2647.D Vial: 20
Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

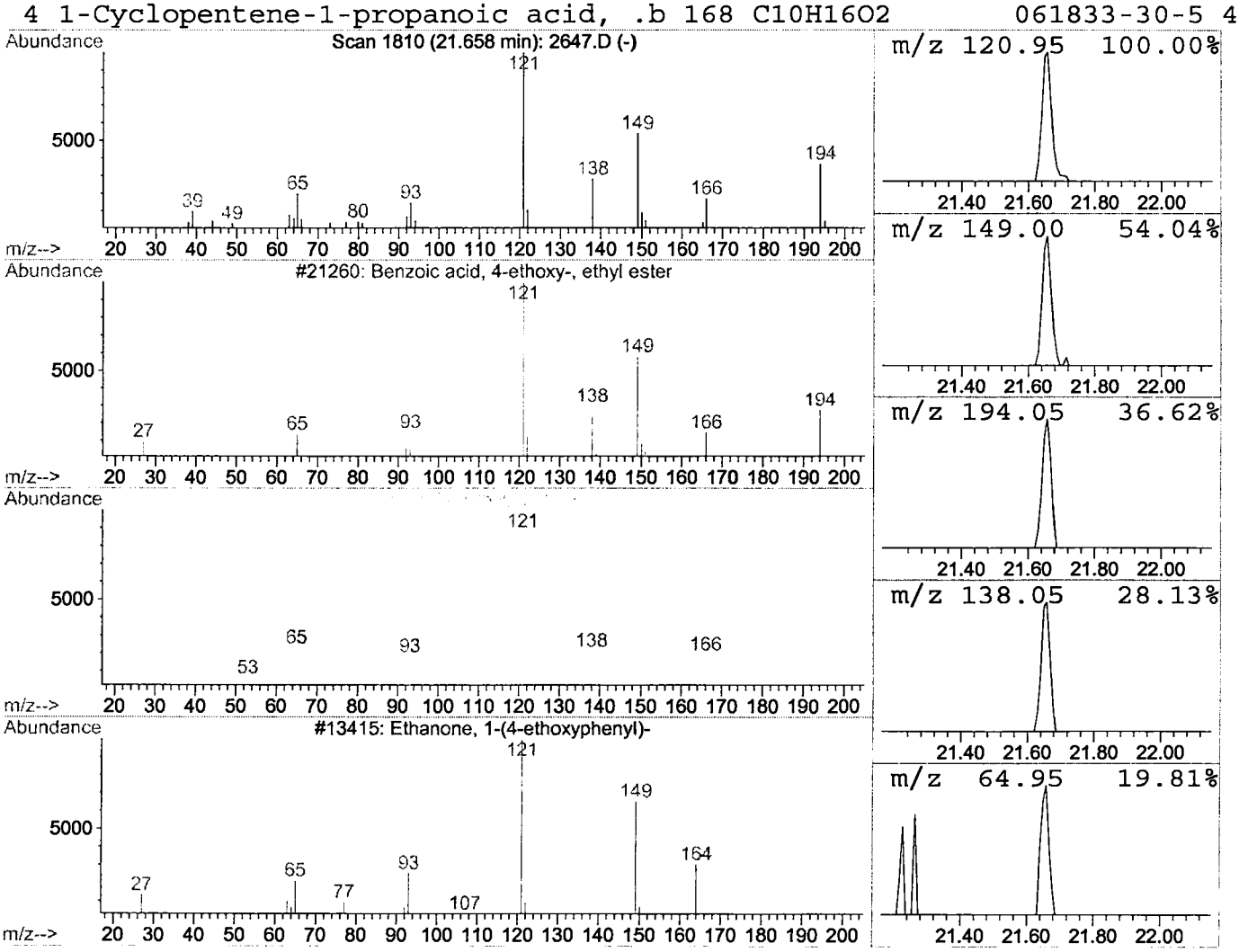
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	0.21 ug/l	36745	Acenaphthene-d10	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	95
2	Ethylparaben	166	C9H10O3	000120-47-8	49
3	Ethanone, 1-(4-ethoxyphenyl)-	164	C10H12O2	001676-63-7	45
4	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	42



Library Search Compound Report

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Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

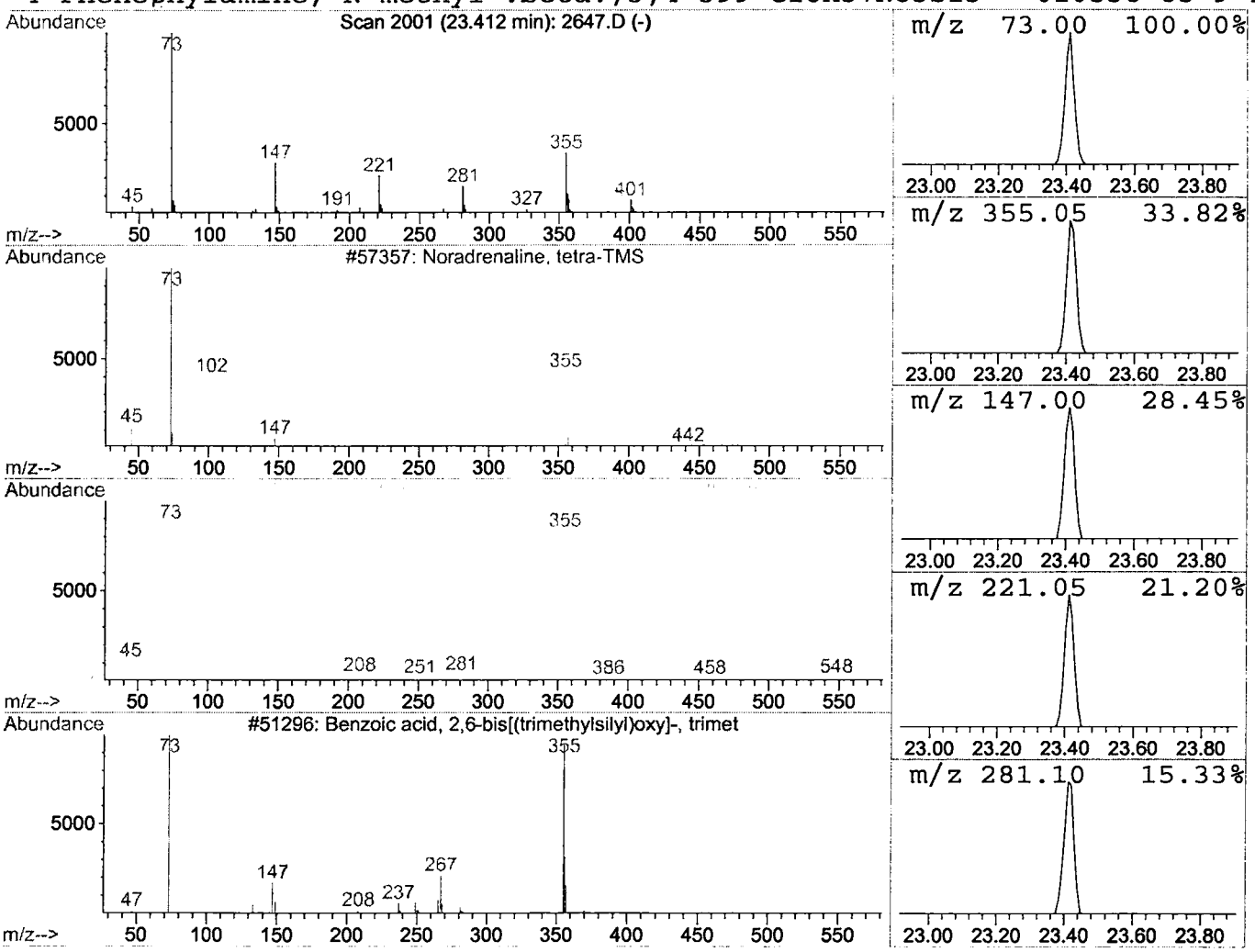
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Noradrenaline, tetra-TMS Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	0.32 ug/l	55156	Acenaphthene-d10	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	25
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	23
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	17



Library Search Compound Report

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Acq On : 8 Mar 2002 8:25 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

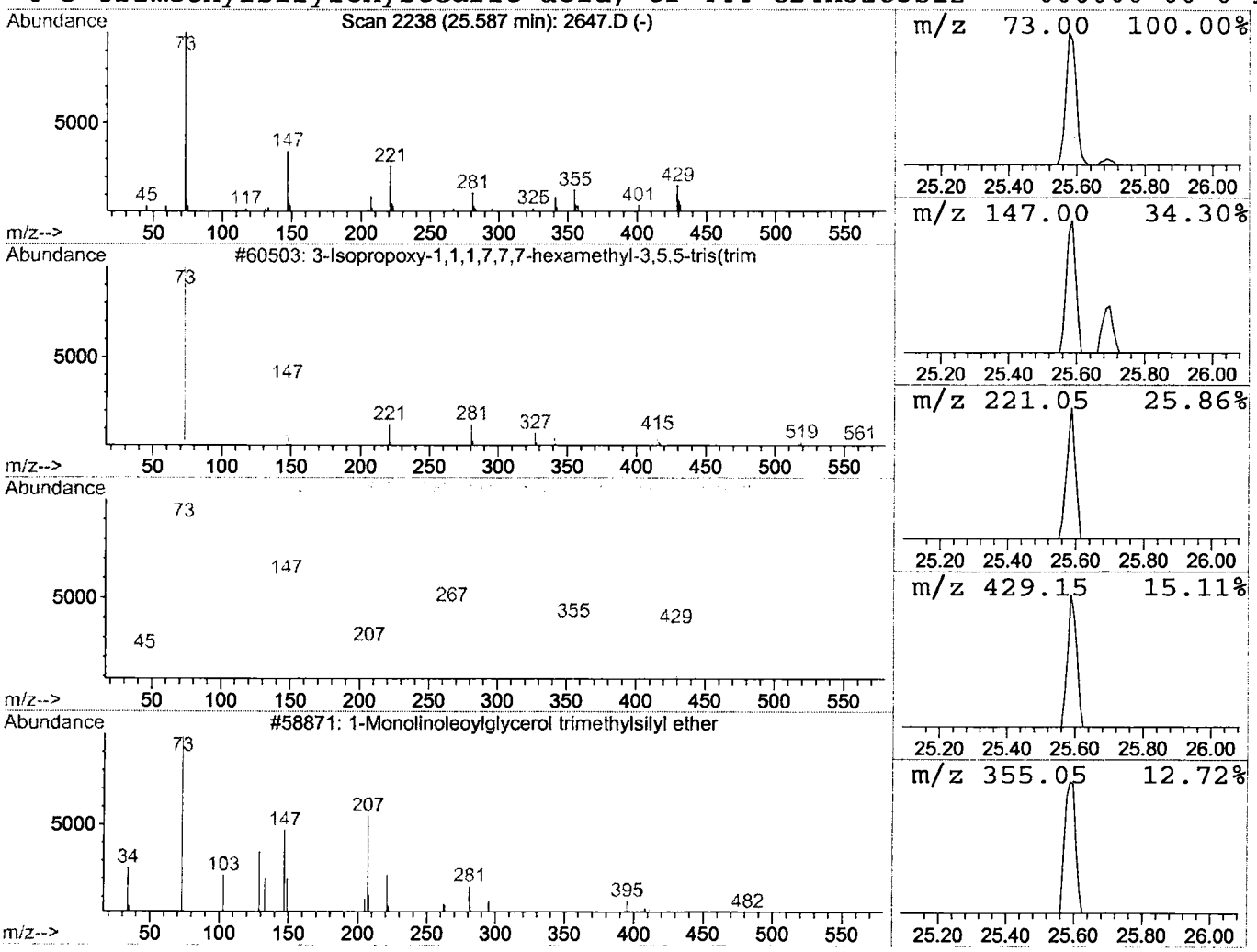
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	0.23 ug/l	41574	Phenanthrene-d10	25.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	43
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	40
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Mar 2002 8:25 am
Data File: C:\HPCHEM\1\DATA\MAR0702\2647.D
Name: gc/ms scan 2/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Pentanol, 3-methyl	8.19	0.4	ug/l	46379	ISTD01	12.30	2421090	20.0
Cyclopentasiloxane,	14.89	0.4	ug/l	68905	ISTD02	15.94	3218420	20.0
Cyclohexasiloxane, d	18.05	0.7	ug/l	115639	ISTD02	15.94	3218420	20.0
Trisiloxane, 1,1,1,5	20.89	0.5	ug/l	81053	ISTD03	21.25	3461080	20.0
Benzoic acid, 4-etho	21.66	0.2	ug/l	36745	ISTD03	21.25	3461080	20.0
Noradrenaline, tetra	23.41	0.3	ug/l	55156	ISTD03	21.25	3461080	20.0
3-Isopropoxy-1,1,1,7	25.59	0.2	ug/l	41574	ISTD04	25.69	3547480	20.0

Column bleed

2647.D GCMS0208.M Wed Mar 13 14:58:40 2002