Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:02 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	860283	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	3031835	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1689921	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	2414086	20.00	ug/l	-0.02
39) Chrysene-d12	33.65	240	1514277	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	980369	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.28	209	30120	3.56	ug/L	-0.05
Spiked Amount 10.000			Recovery = 35.60%			
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	586	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	563	N.D.		
25) Diethylphthalate	22.63	149	597	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\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:02 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

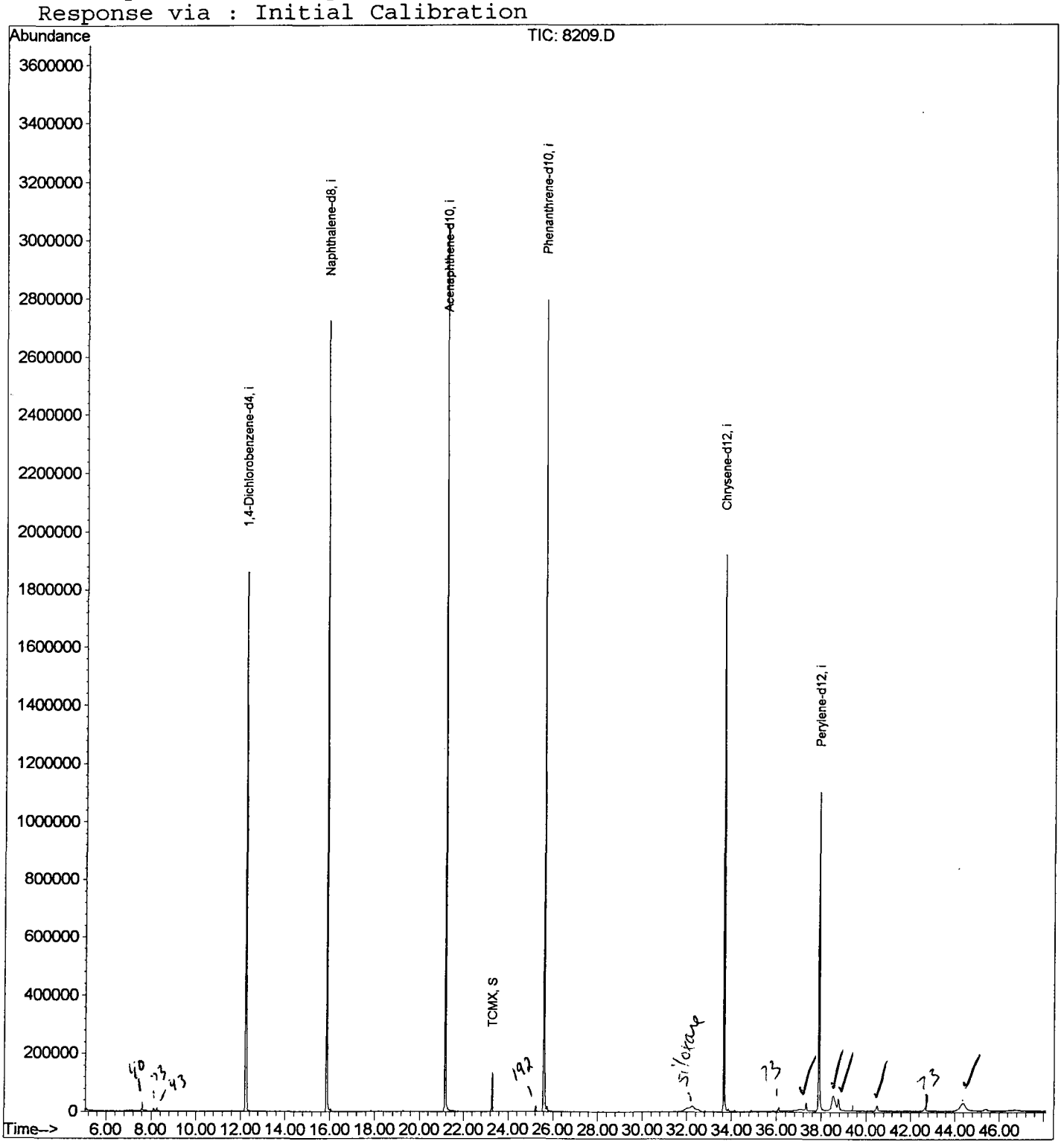
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	725	N.D.	
35)	Anthracene	25.59	178	725	N.D.	
36)	Di-n-butylphthalate	27.55	149	1391	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	32.08	149	937	N.D.	
42)	Benzo(a)anthracene	33.65	228	5623	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	4233	N.D.	
44)	Chrysene	33.72	228	1013	N.D.	
46)	Di-n-Octylphthalate	35.61	149	597	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	727	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	613	N.D.	
49)	Benzo(a)pyrene	37.88	252	3922	N.D.	
50)	Indeno(1,2,3-cd)pyrene	41.95	276	214	N.D.	
51)	Dibenz(a,h)anthracene	42.02	278	212	N.D.	
52)	Benzo(g,h,i)perylene	43.18	276	663	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:02 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\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 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

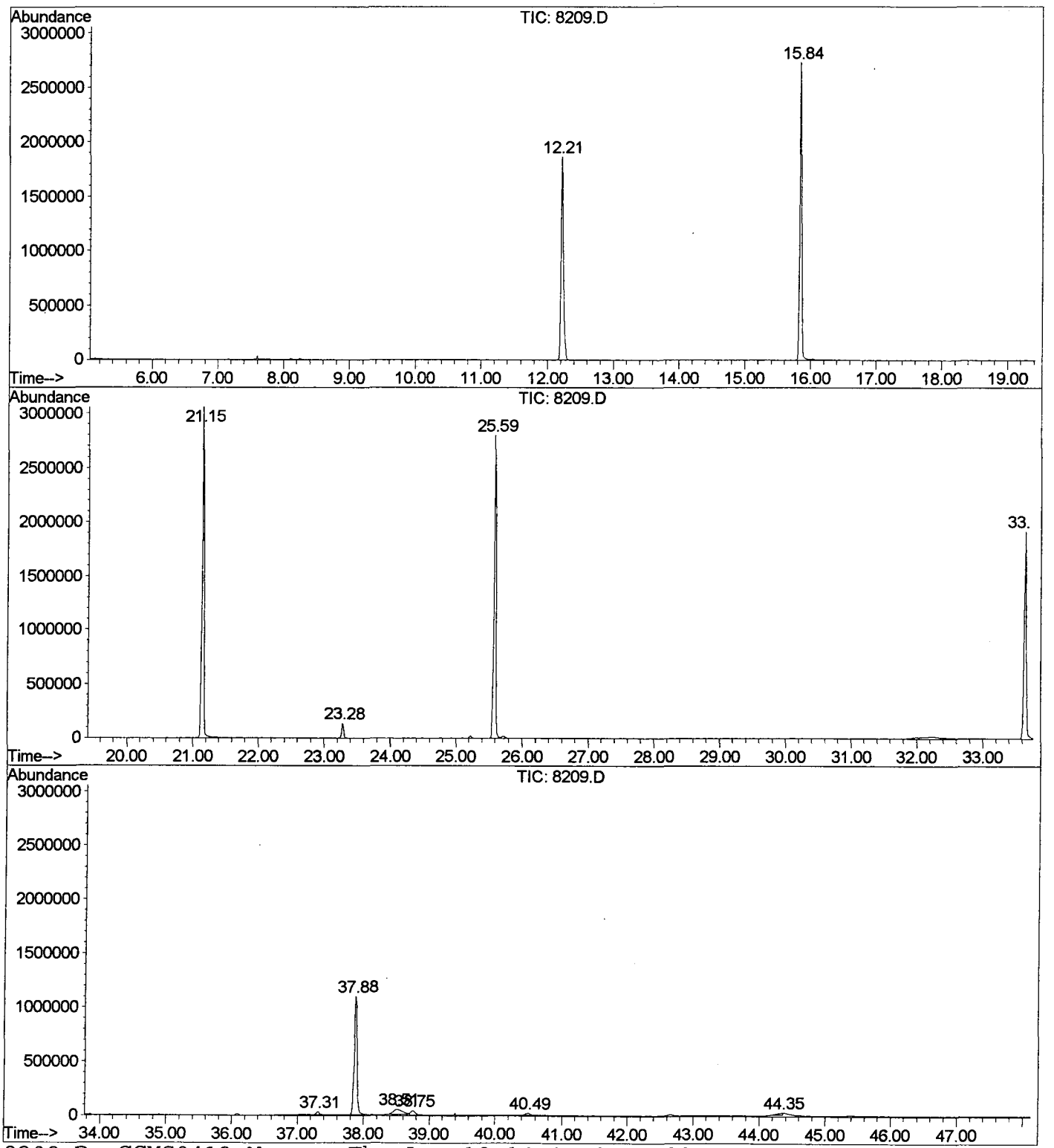
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.209	775	780	795	rBV	1859936	4578545	72.71%	14.615%
2	15.845	1170	1176	1193	rBV	2725073	5685104	90.28%	18.147%
3	21.151	1747	1754	1769	rBV	3057326	6297196	100.00%	20.101%
4	23.281	1977	1986	1991	rBV	135437	272064	4.32%	0.868%
5	25.594	2231	2238	2248	rBV2	2796565	5960949	94.66%	19.028%
6	33.645	3107	3115	3134	rBV2	1917936	4349046	69.06%	13.883%
7	37.308	3509	3514	3524	rVB2	26952	82855	1.32%	0.264%
8	37.877	3567	3576	3590	rBV2	1097833	3285180	52.17%	10.487%
9	38.511	3629	3645	3664	rBV4	47507	467757	7.43%	1.493%
10	38.749	3665	3671	3682	rVB2	38533	159917	2.54%	0.510%
11	40.494	3852	3861	3873	rBV4	18750	90923	1.44%	0.290%
12	44.349	4265	4281	4282	rBV5	17064	97734	1.55%	0.312%

Sum of corrected areas: 31327270

8209.D GCMS0412.M Thu Apr 18 14:11:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\8209.D
Operator :
Acquired : 18 Apr 2002 2:46 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/8
Misc Info :
Vial Number: 20
Quant File :GCMS0412.RES (RTE Integrator)



8209.D GCMS0412.M Thu Apr 18 14:11:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

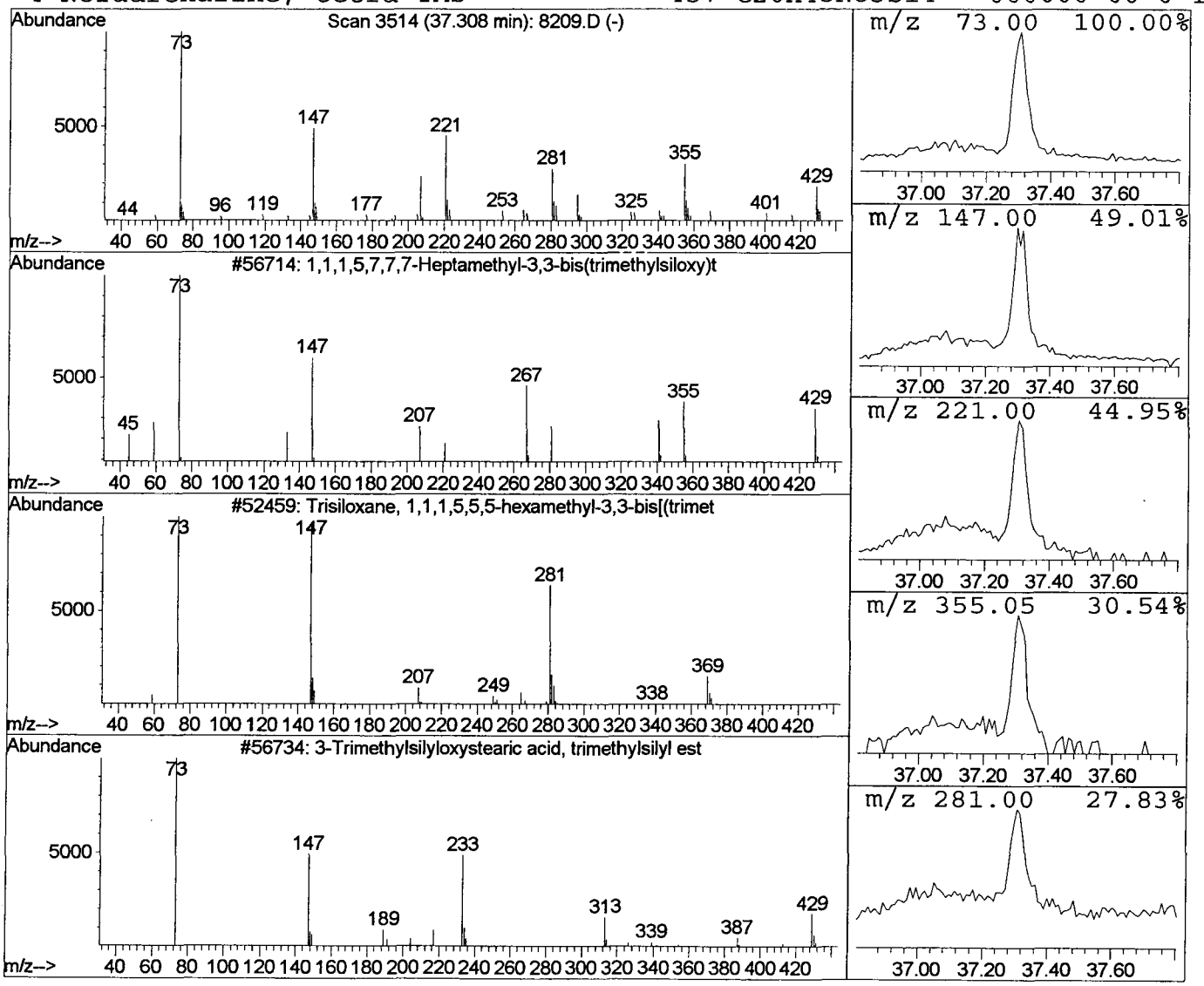
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	0.50 ug/l	82855	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	37
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	12
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

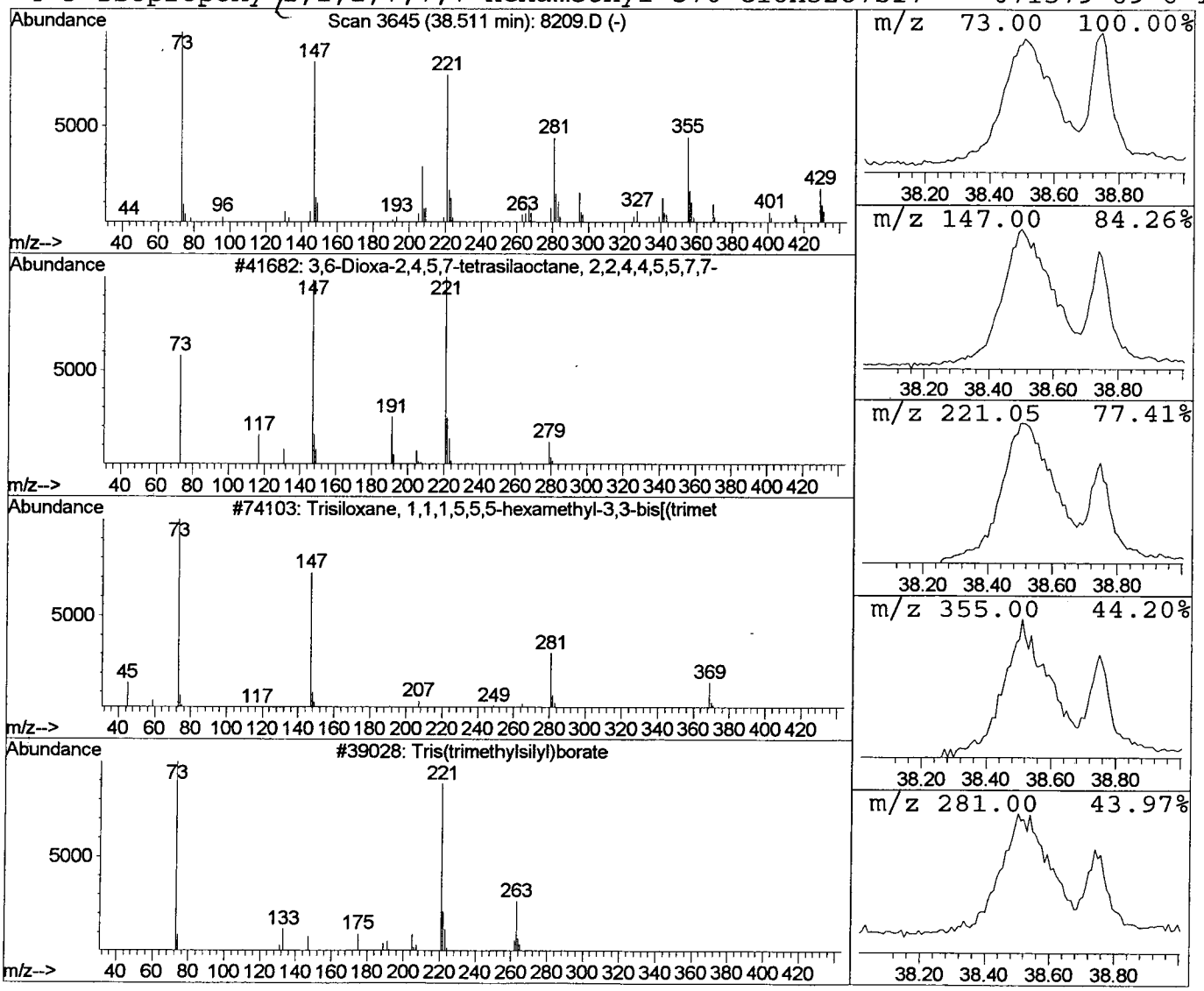
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.51	2.85 ug/l	467757	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	46
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	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\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

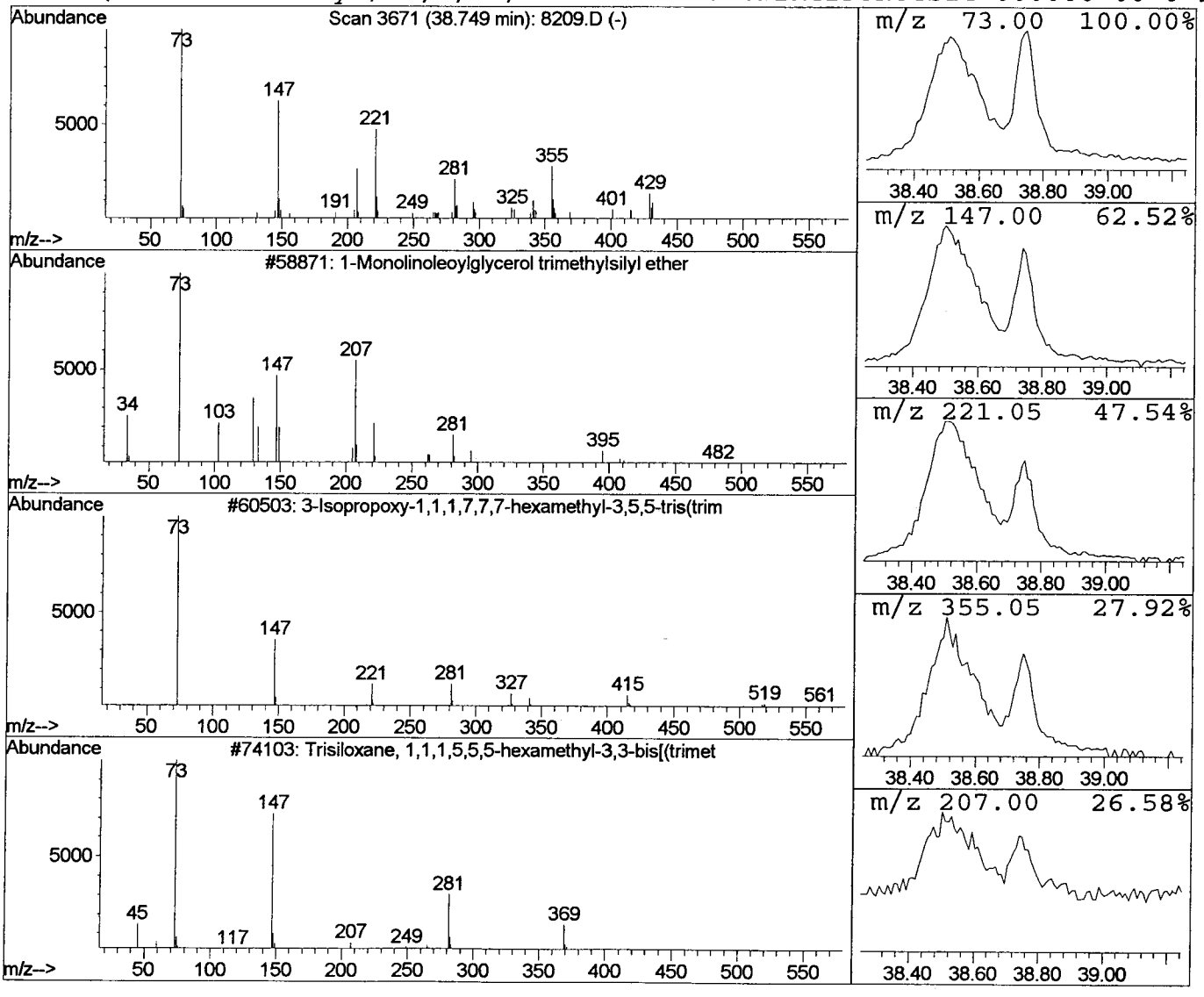
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Monolinoleoylglycerol trimet Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	0.97 ug/l	159917	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	23
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

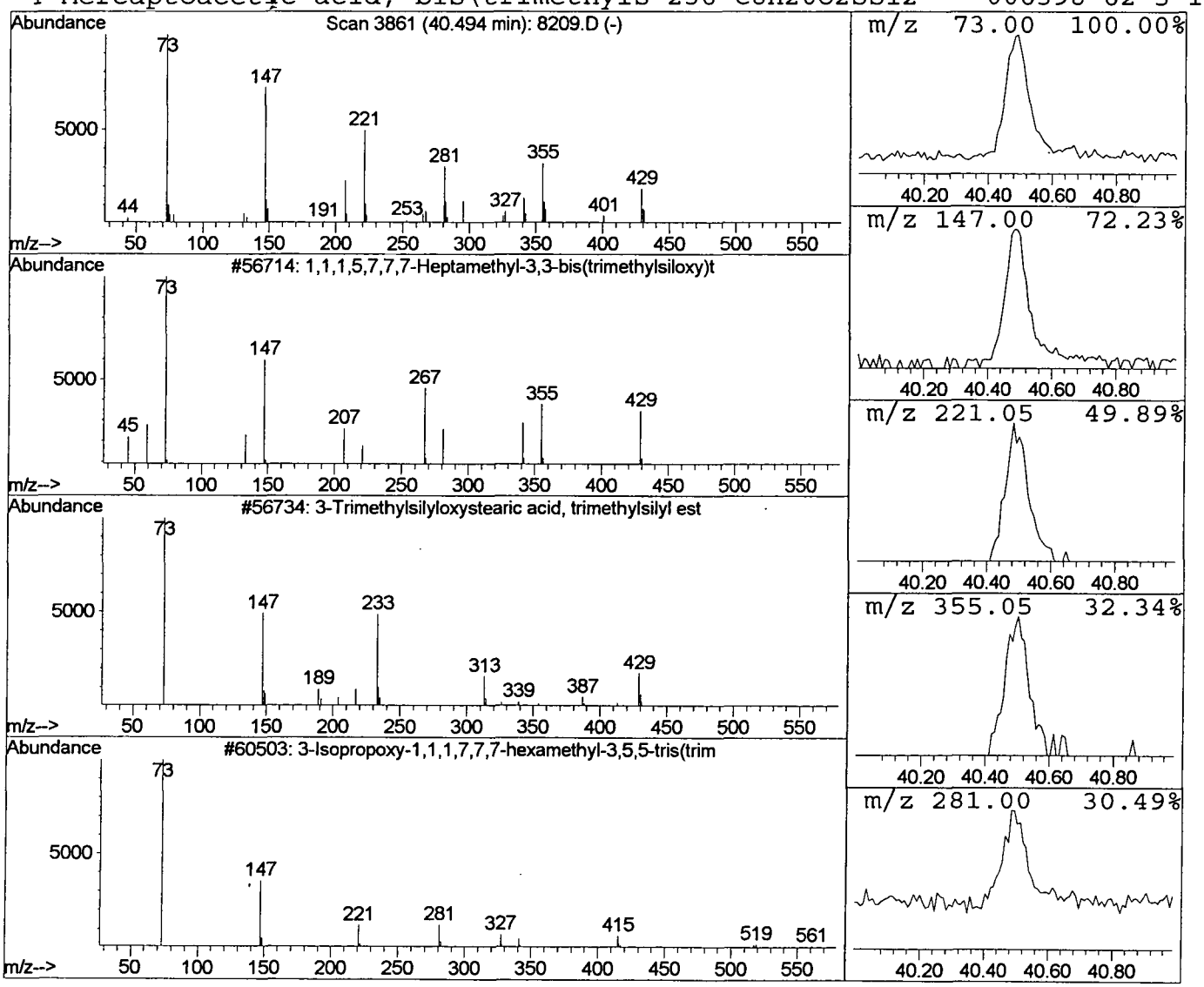
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.49	0.55 ug/l	90923	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
2	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	12
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8209.D Vial: 20
Acq On : 18 Apr 2002 2:46 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

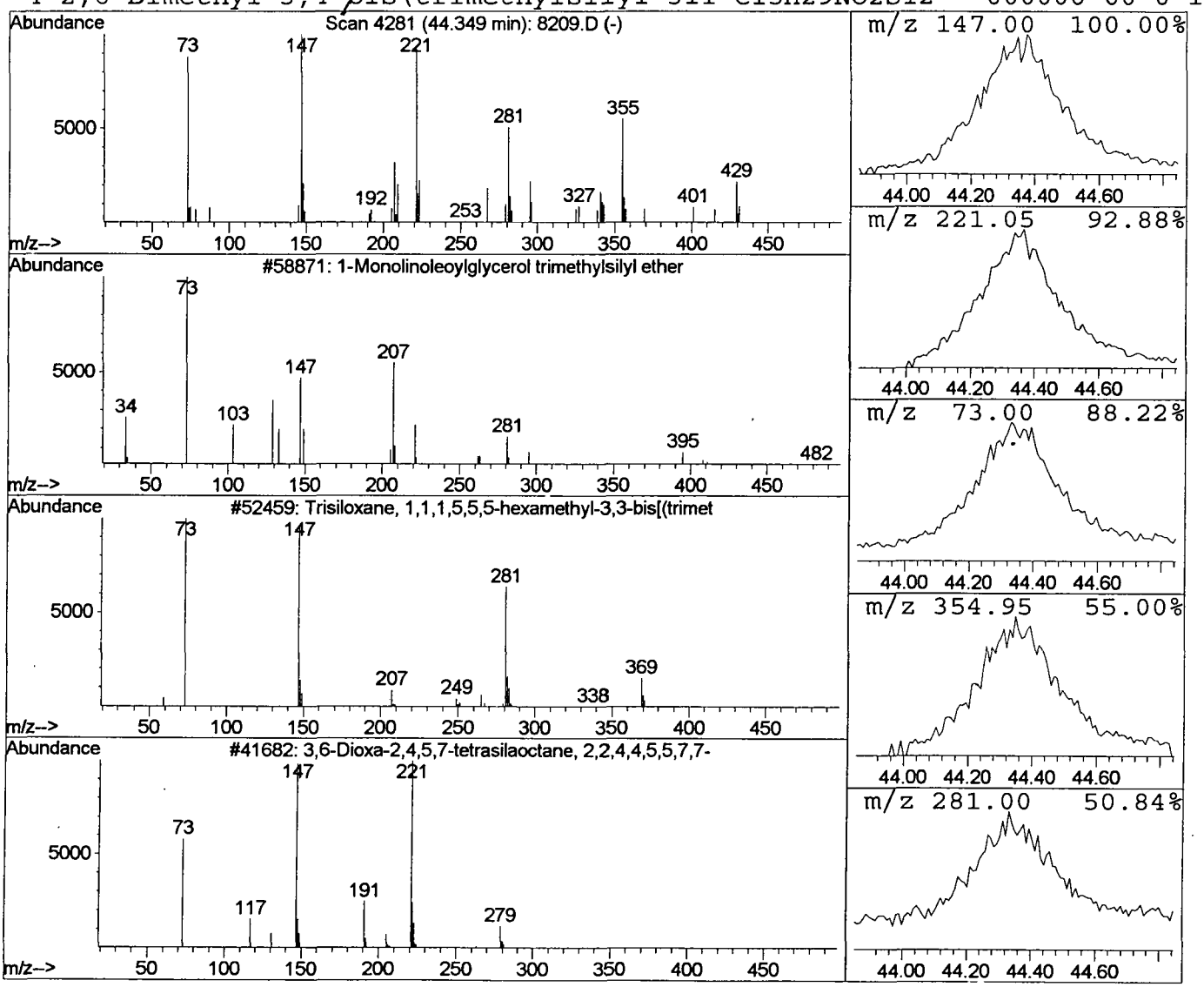
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Monolinoleoylglycerol trimet Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.35	0.59 ug/l	97734	Perylene-d12	37.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	14



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 2:46 am
Data File: C:\HPCHEM\1\DATA\APR1702\8209.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
1,1,1,5,7,7,7-Heptam	37.31	0.5	ug/l	82855	ISTD06	37.88	3285180	20.0
3,6-Dioxa-2,4,5,7-te	38.51	2.8	ug/l	467757	ISTD06	37.88	3285180	20.0
1-Monolinoleoylglyce	38.75	1.0	ug/l	159917	ISTD06	37.88	3285180	20.0
1,1,1,5,7,7,7-Heptam	40.49	0.6	ug/l	90923	ISTD06	37.88	3285180	20.0
1-Monolinoleoylglyce	44.35	0.6	ug/l	97734	ISTD06	37.88	3285180	20.0

8209.D GCMS0412.M Thu Apr 18 14:11:09 2002