Comments for Sample AD28677 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 17:58:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for the Surrogate Standard in this sample was 58%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has been identified to be from the TurboVap concentrator.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 0:54 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	927732	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	3508292	20.00	ug/l	0.00
26) Acenaphthene-d10	20.58	164	1688539	20.00	ug/l	0.00
42) Phenanthrene-d10	25.01	188	2345345	20.00	ug/l	0.02
53) Chrysene-d12	33.03	240	1394631	20.00	ug/l	0.00
59) Perylene-d12	37.13	264	933405	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	80789	2.89	ug/mL	0.00
Spiked Amount 5.000			Recovery = 57.80%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
4) Phenol	0.00	94	0	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	13.27	77	100	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.38	128	560	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 0:54 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

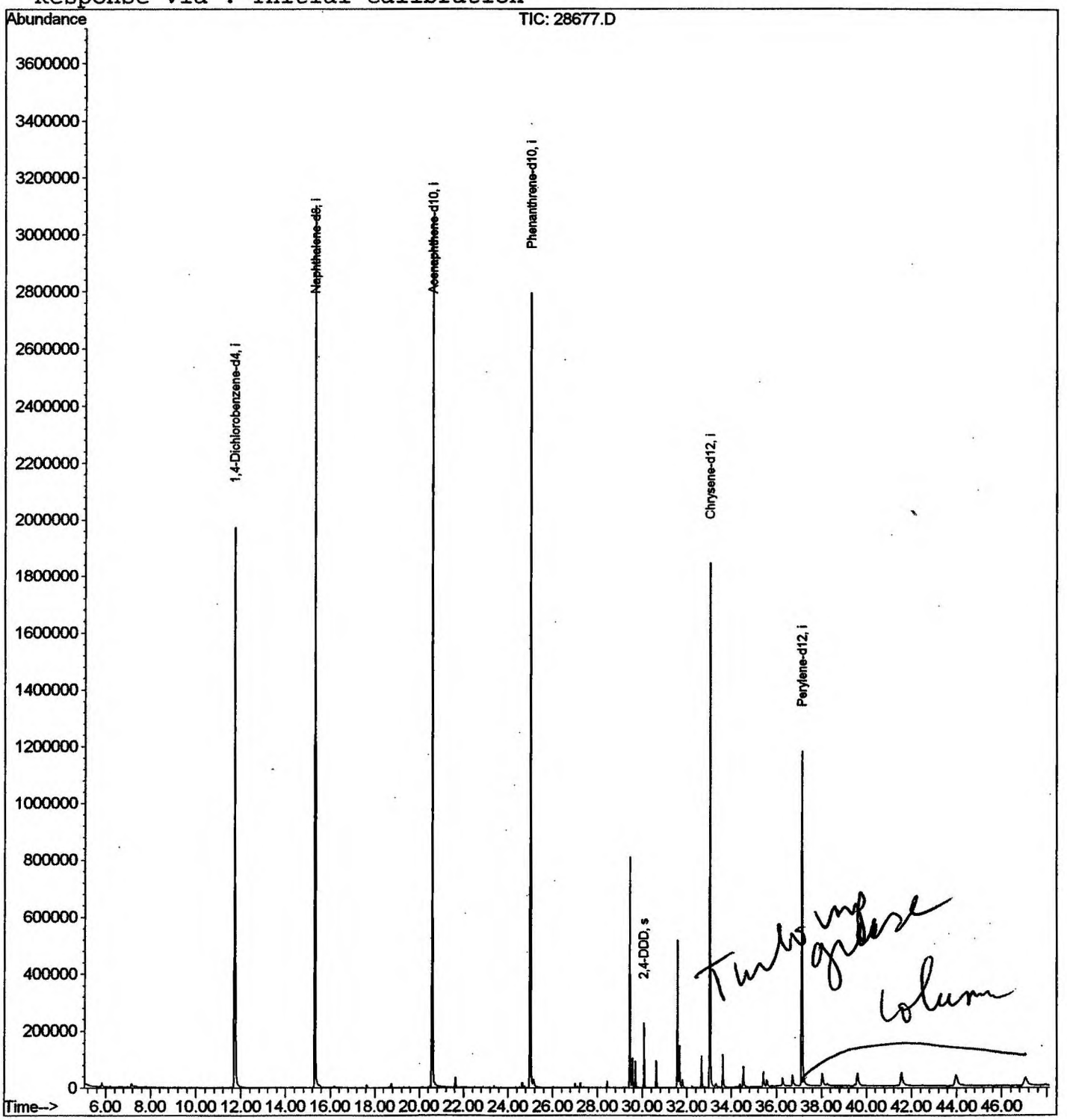
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	21.63	65	409	N.D.	
37)	2,4-Dinitrotoluene	21.19	165	101	N.D.	
38)	Diethylphthalate	22.09	149	586	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	25.01	178	756	N.D.	
49)	Anthracene	25.01	178	756	N.D.	
50)	Di-n-butylphthalate	27.01	149	17525	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.57	149	1569	N.D.	
56)	Benzo(a)anthracene	33.03	228	3398	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.32	149	8957	N.D.	
58)	Chrysene	33.03	228	3398	N.D.	
60)	Di-n-Octylphthalate	0.00	149	0	N.D.	
61)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
62)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
63)	Benzo(a)pyrene	37.14	252	3708	N.D.	
64)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	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\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 0:54 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

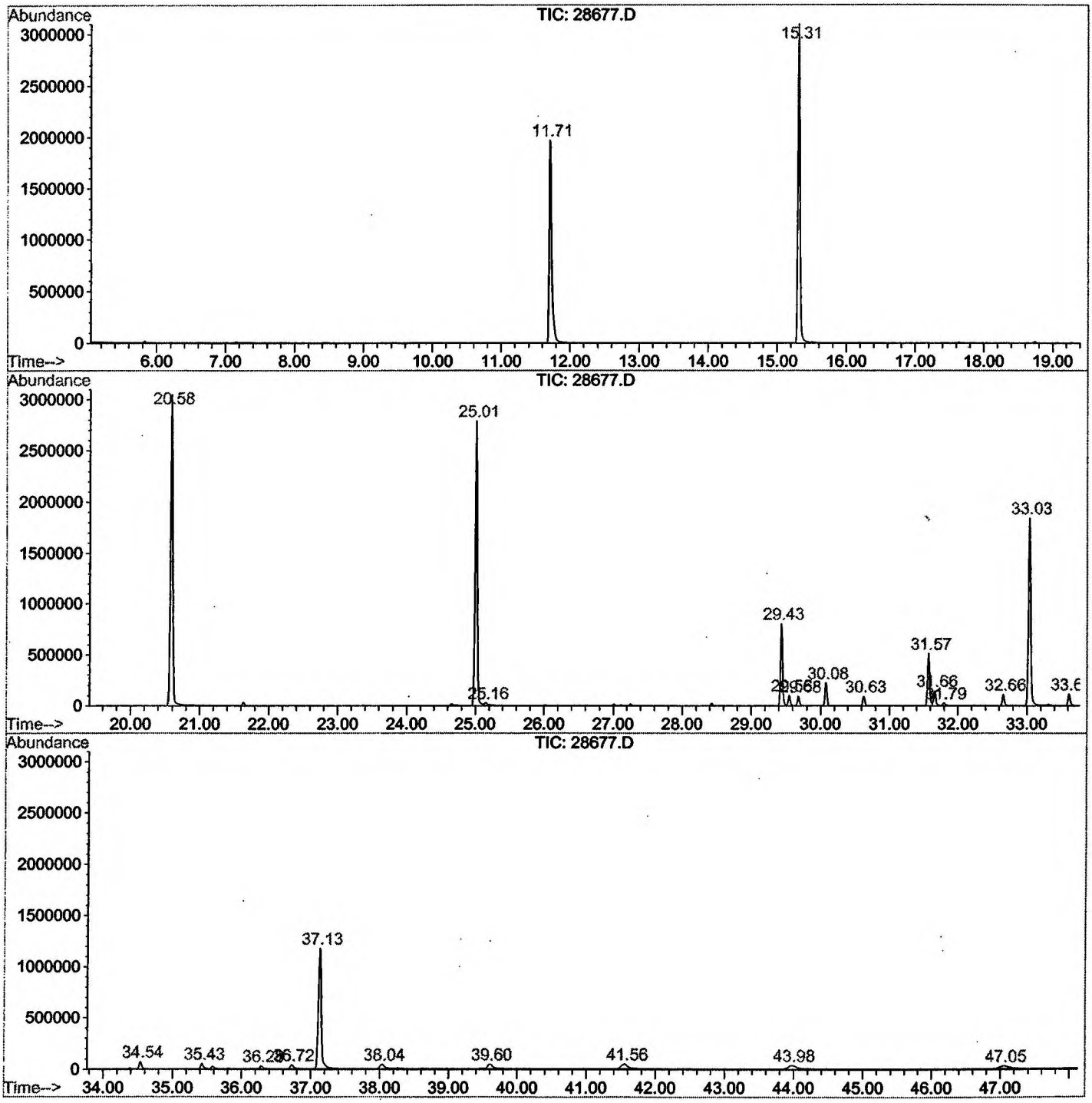
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.707	721	726	747	rBV	1971227	5006285	73.64%	12.890%
2	15.314	1113	1119	1137	rBV	3099066	6547868	96.32%	16.859%
3	20.584	1687	1693	1713	rBV	3049771	6798314	100.00%	17.504%
4	25.009	2168	2175	2187	rBV2	2791400	6188744	91.03%	15.934%
5	25.156	2187	2191	2201	rVB2	25656	85281	1.25%	0.220%
6	29.434	2652	2657	2665	rBV	806598	1598142	23.51%	4.115%
7	29.553	2665	2670	2677	rVV	102607	211568	3.11%	0.545%
8	29.682	2679	2684	2696	rVB	92608	198168	2.91%	0.510%
9	30.076	2721	2727	2734	rBV	225245	441528	6.49%	1.137%
10	30.627	2782	2787	2795	rBV	94066	194554	2.86%	0.501%
11	31.573	2884	2890	2896	rBV	515863	1068961	15.72%	2.752%
12	31.665	2896	2900	2910	rVV	146869	338679	4.98%	0.872%
13	31.793	2910	2914	2926	rVB2	27645	75055	1.10%	0.193%
14	32.656	3002	3008	3016	rBV	110973	239005	3.52%	0.615%
15	33.032	3041	3049	3061	rBV2	1843318	4360313	64.14%	11.226%
16	33.611	3106	3112	3124	rBV	114225	270374	3.98%	0.696%
17	34.538	3206	3213	3223	rBV	72905	186732	2.75%	0.481%
18	35.428	3304	3310	3321	rBV	52247	143579	2.11%	0.370%
19	36.282	3398	3403	3417	rVB2	27725	84439	1.24%	0.217%
20	36.723	3445	3451	3460	rBV	38501	127510	1.88%	0.328%
21	37.127	3488	3495	3513	rBV2	1174109	3455596	50.83%	8.897%
22	38.036	3585	3594	3603	rBV2	43518	180059	2.65%	0.464%
23	39.596	3757	3764	3781	rBV5	42701	225971	3.32%	0.582%
24	41.561	3965	3978	3988	rBV5	46239	289855	4.26%	0.746%
25	43.975	4227	4241	4254	rBV4	36833	292536	4.30%	0.753%
26	47.051	4563	4576	4597	rBV7	25699	230570	3.39%	0.594%

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Operator : 209 GALOS
Acquired : 5 Dec 2001 12:05 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms 11/24
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



28677.D GCMS1126.M Fri Dec 07 15:11:36 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

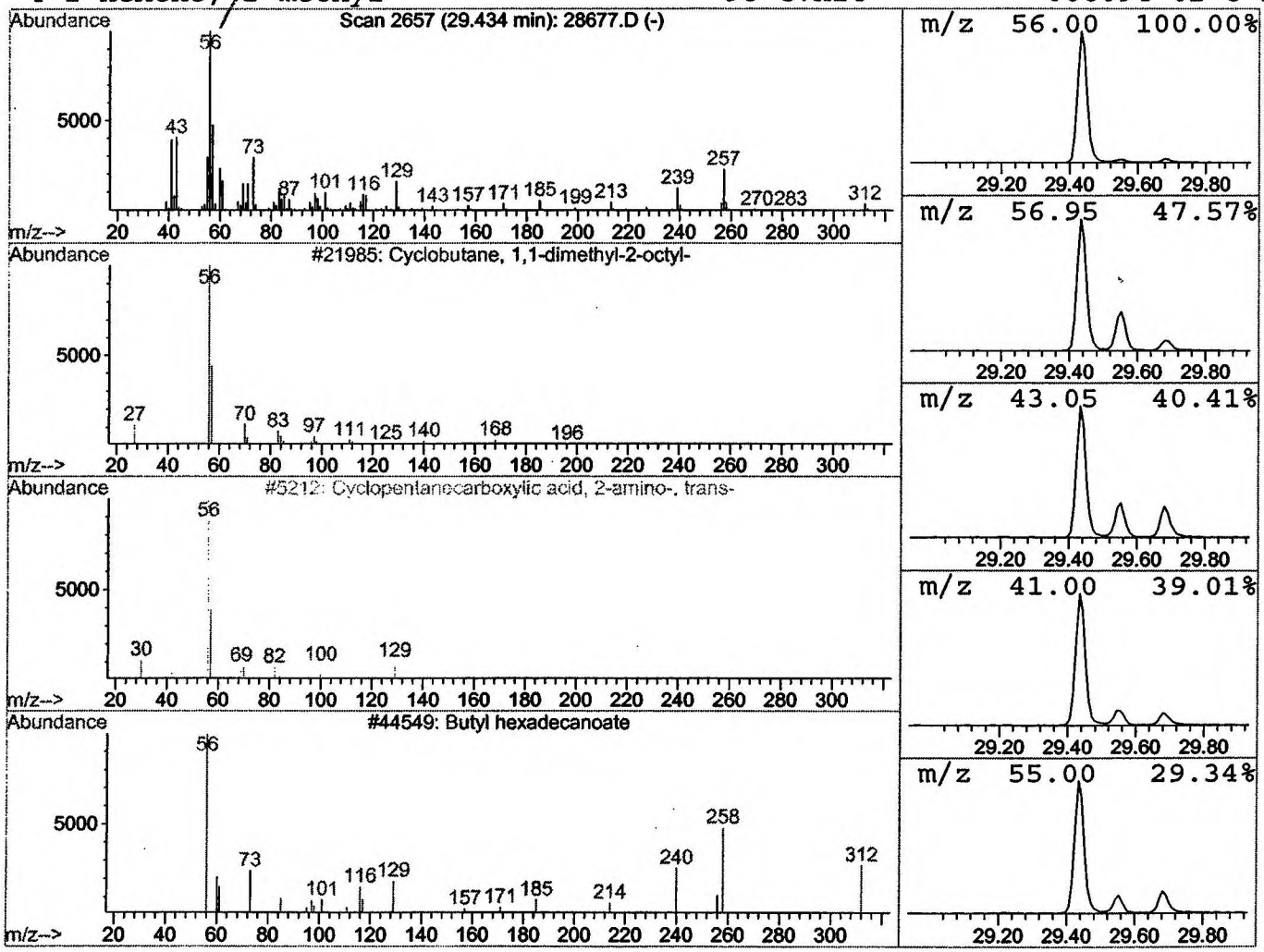
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclobutane, 1,1-dimethyl-2-oc Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.43	7.33 ug/l	1598140	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
2	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	35
3	Butyl hexadecanoate	312	C20H40O2	000000-00-0	32
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

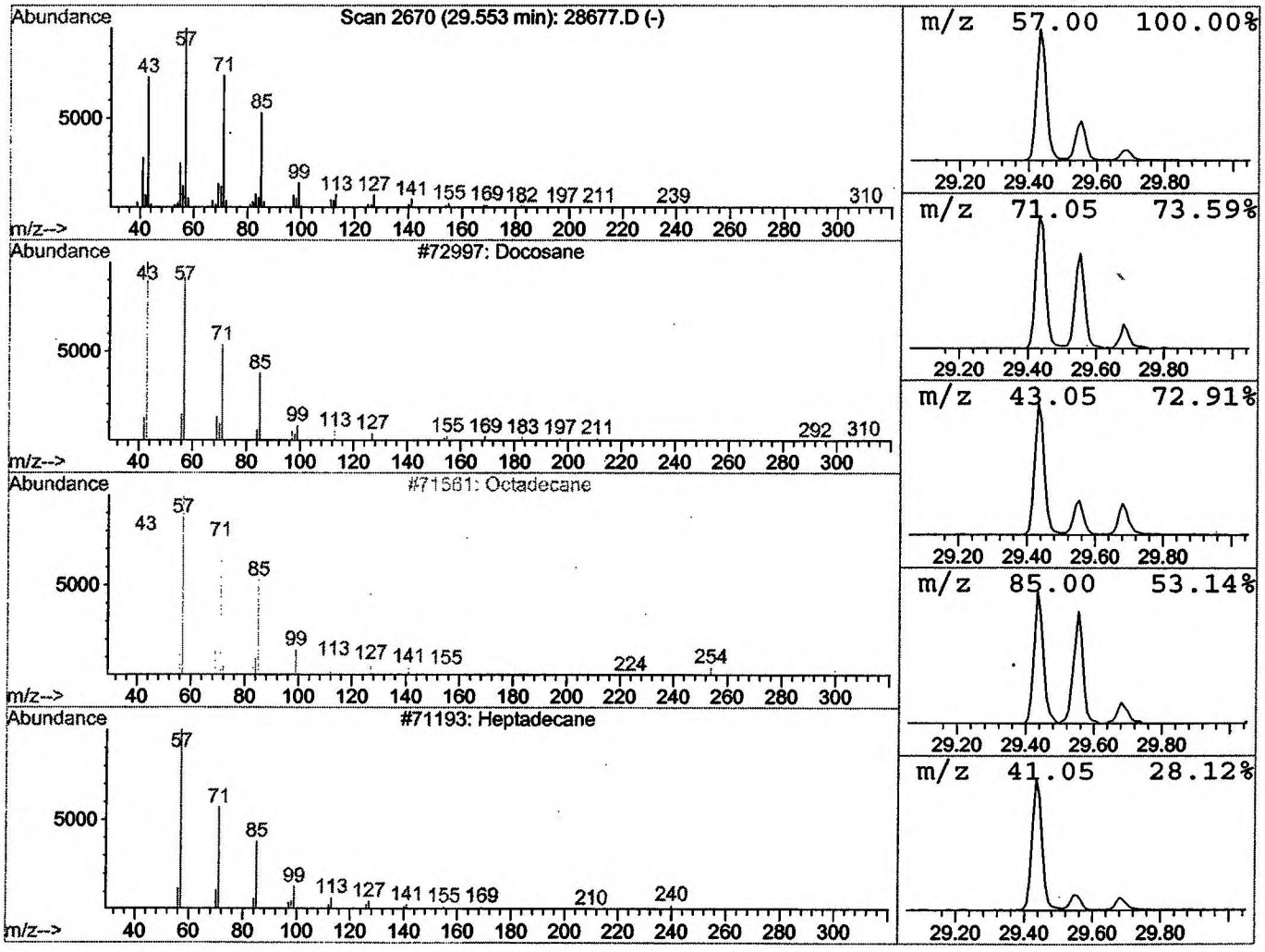
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Docosane — Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.55	0.97 ug/l	211568	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

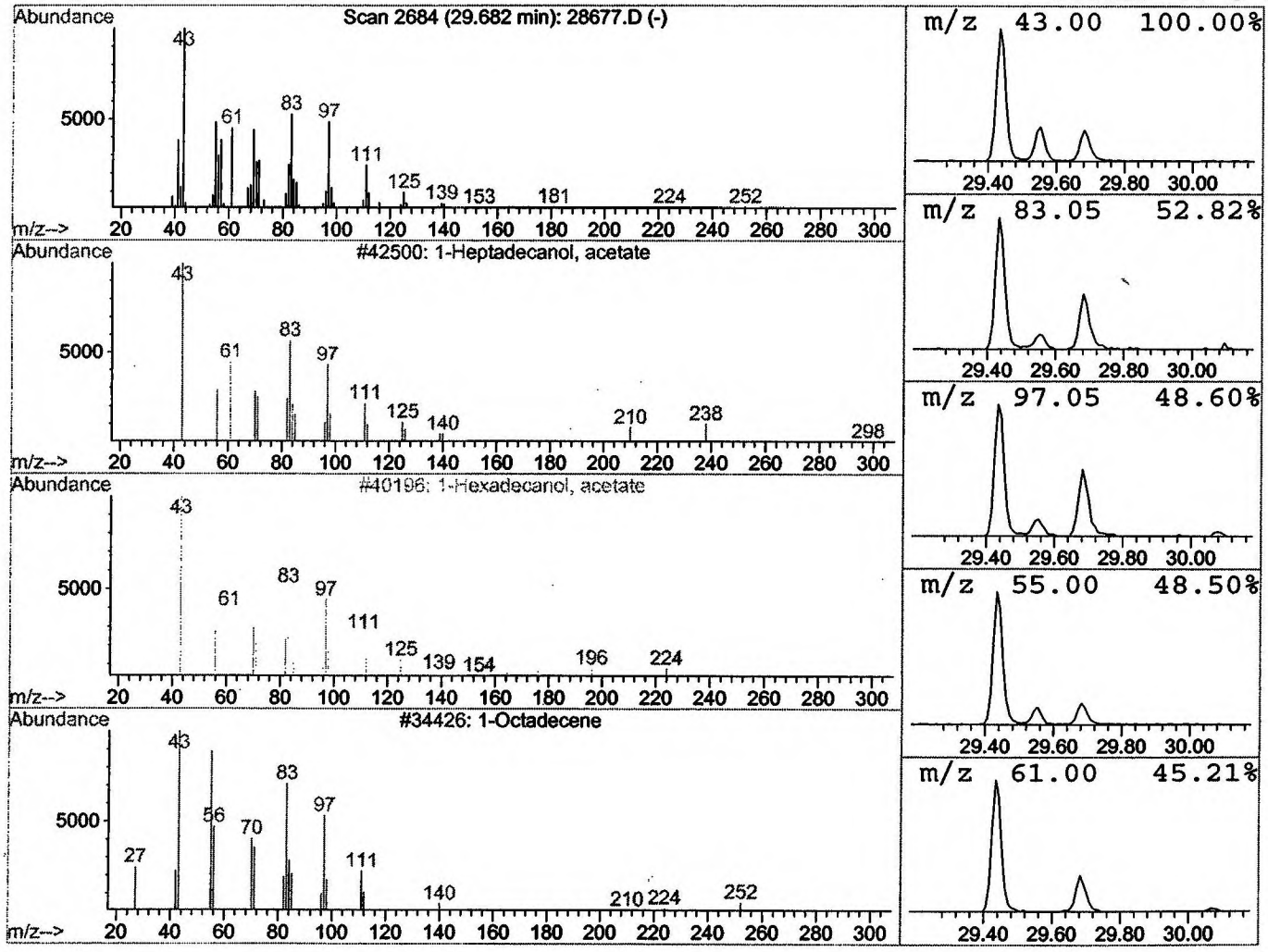
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1-Heptadecanol, acetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.91 ug/l	198168	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	91
2	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	64
3	1-Octadecene	252	C18H36	000112-88-9	53
4	1-Pentadecanol	228	C15H32O	000629-76-5	52



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

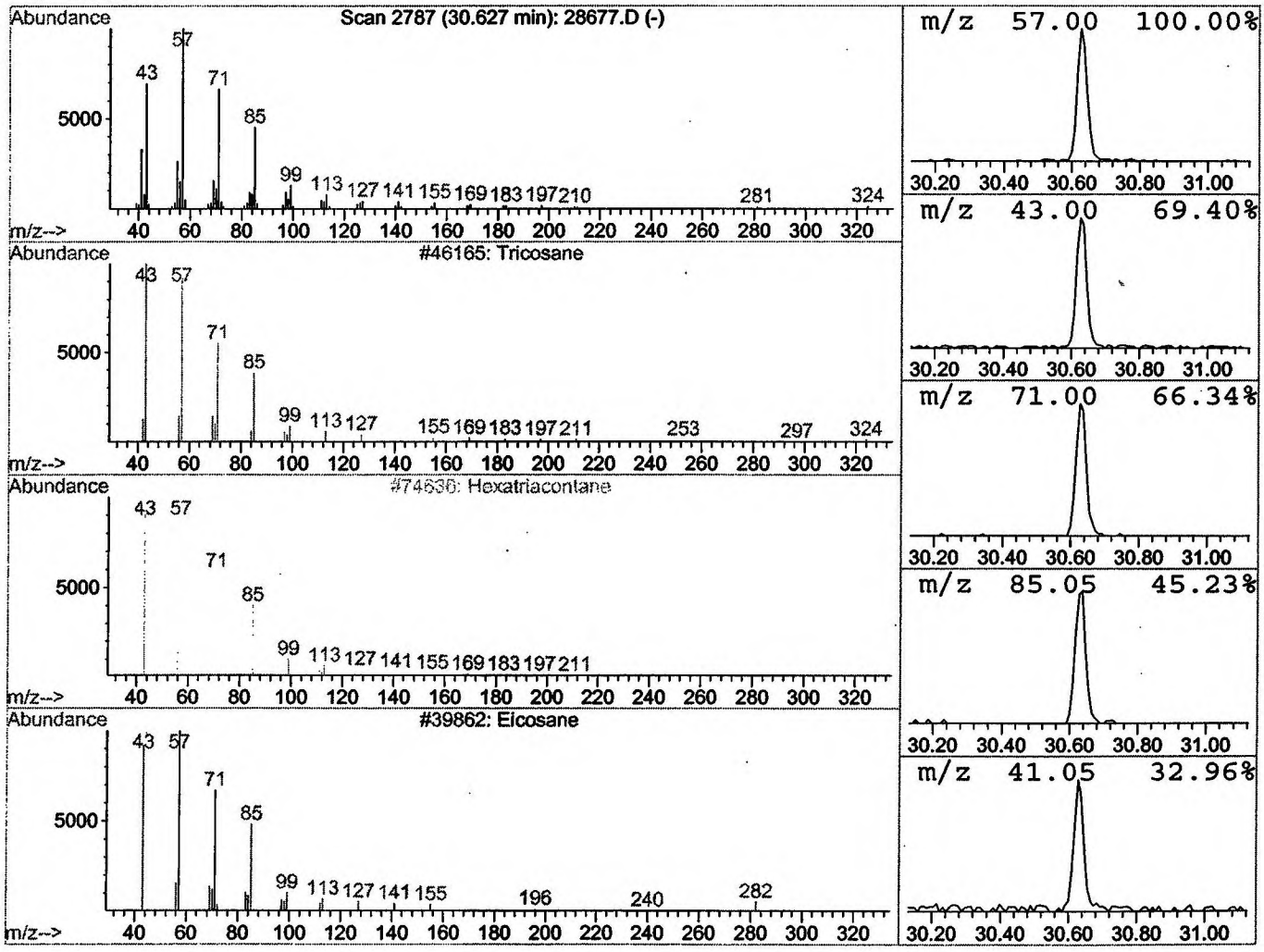
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Tricosane — Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.63	0.89 ug/l	194554	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

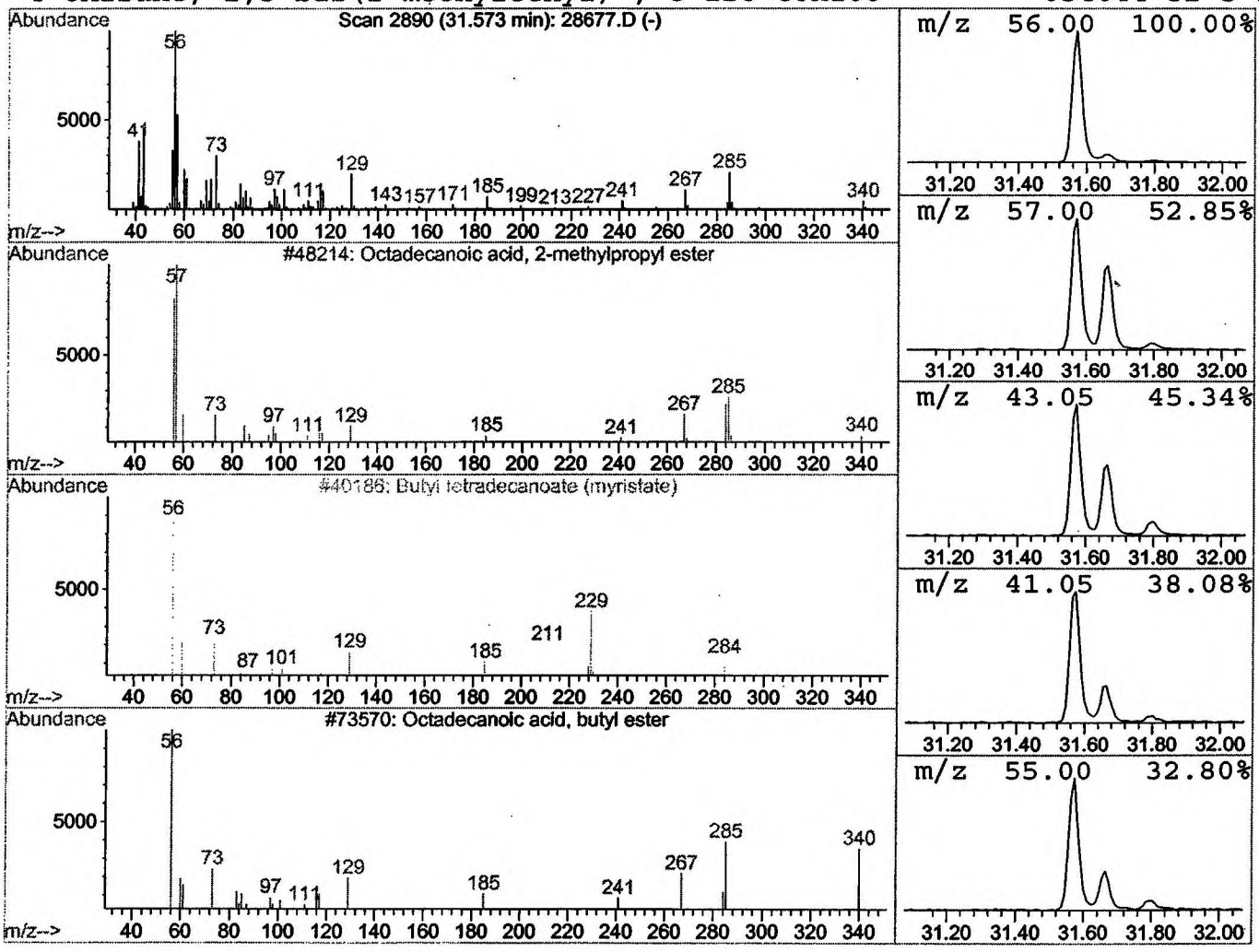
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Octadecanoic acid, 2-methylpro Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.57	4.90 ug/l	1068960	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	87
2	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	64
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	45
4	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

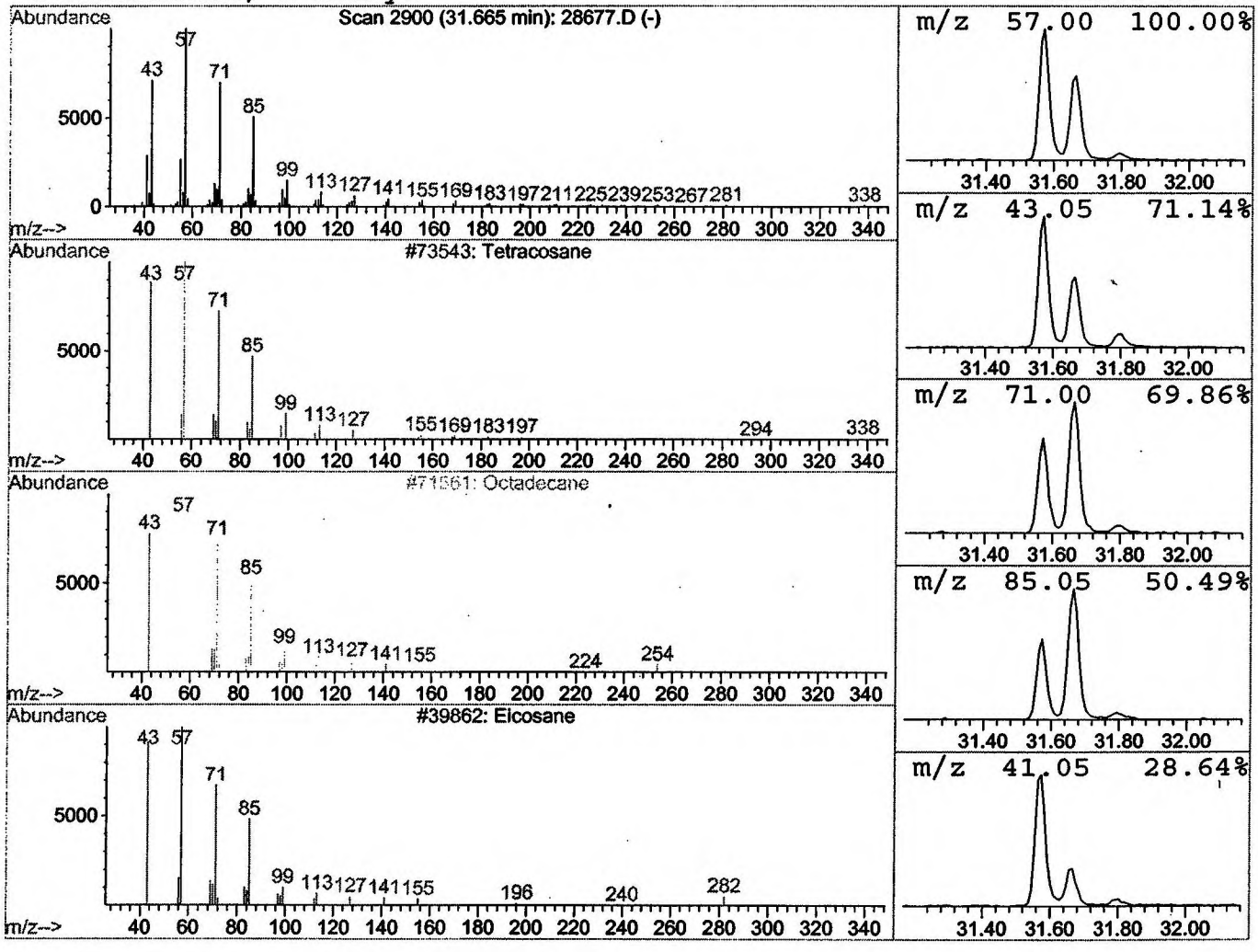
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.66	1.55 ug/l	338679	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

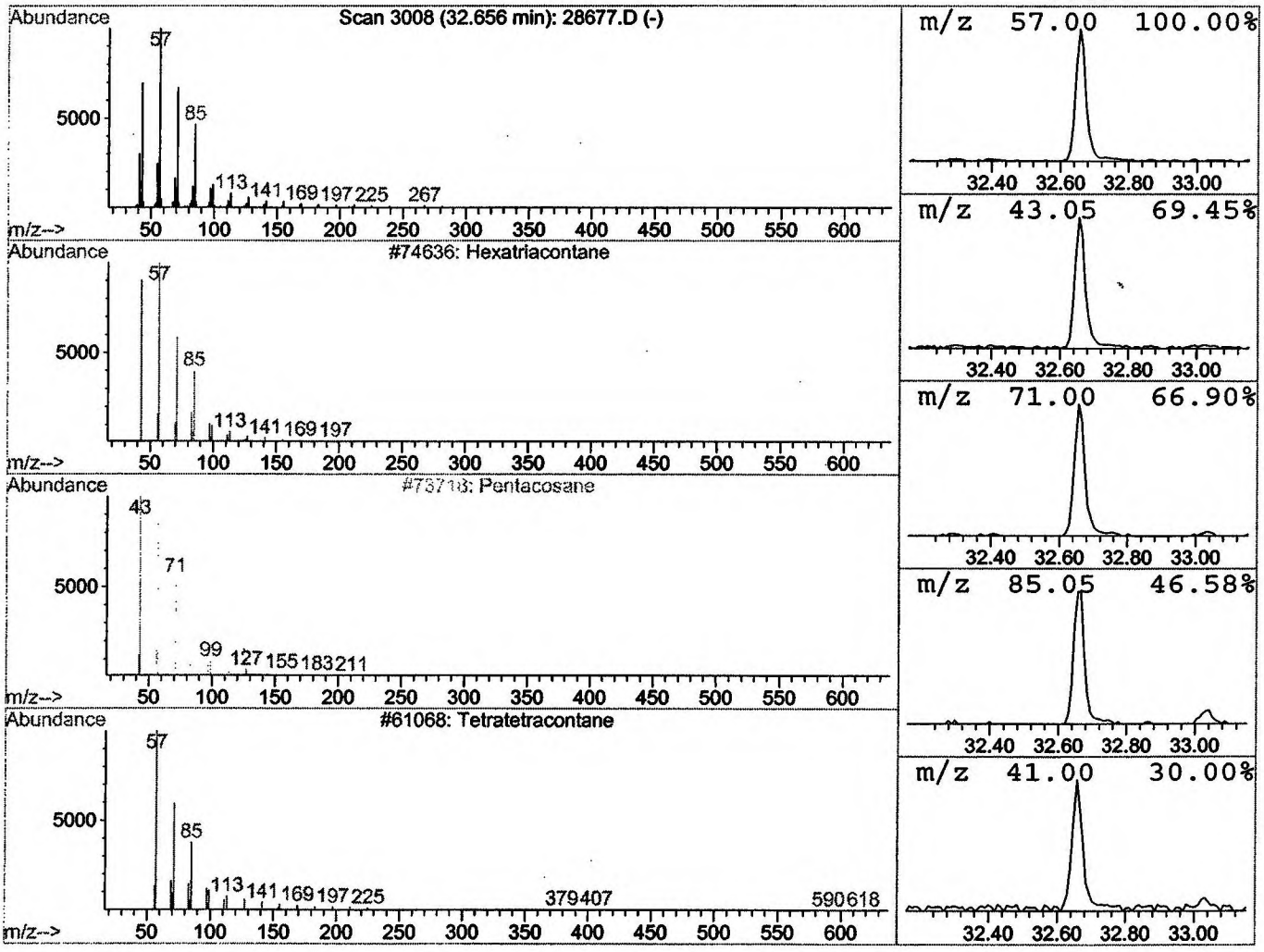
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.66	1.10 ug/l	239005	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Dotriacontane	451	C32H66	000544-85-4	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

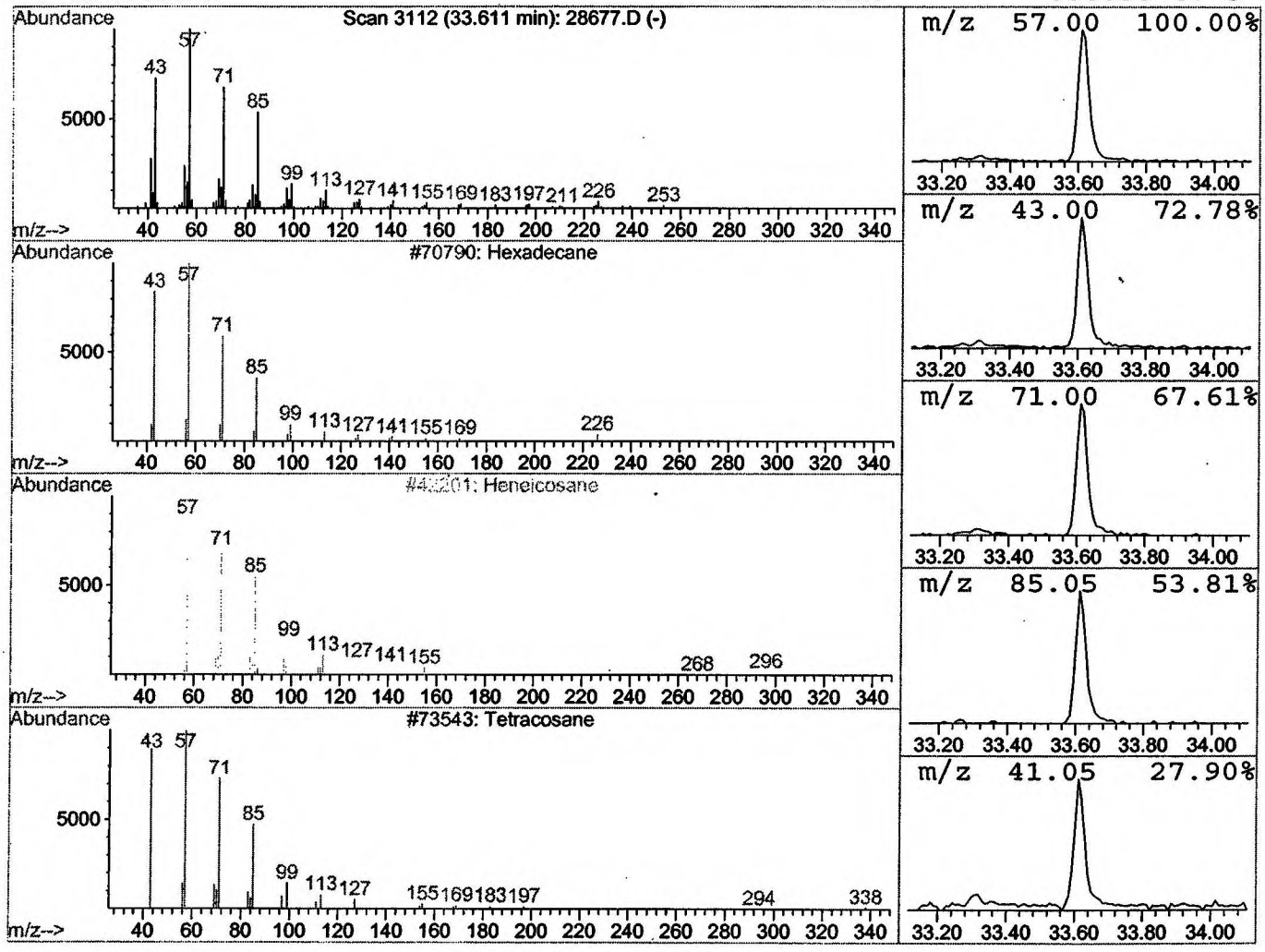
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.61	1.24 ug/l	270374	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tricosane	324	C23H48	000638-67-5	87



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

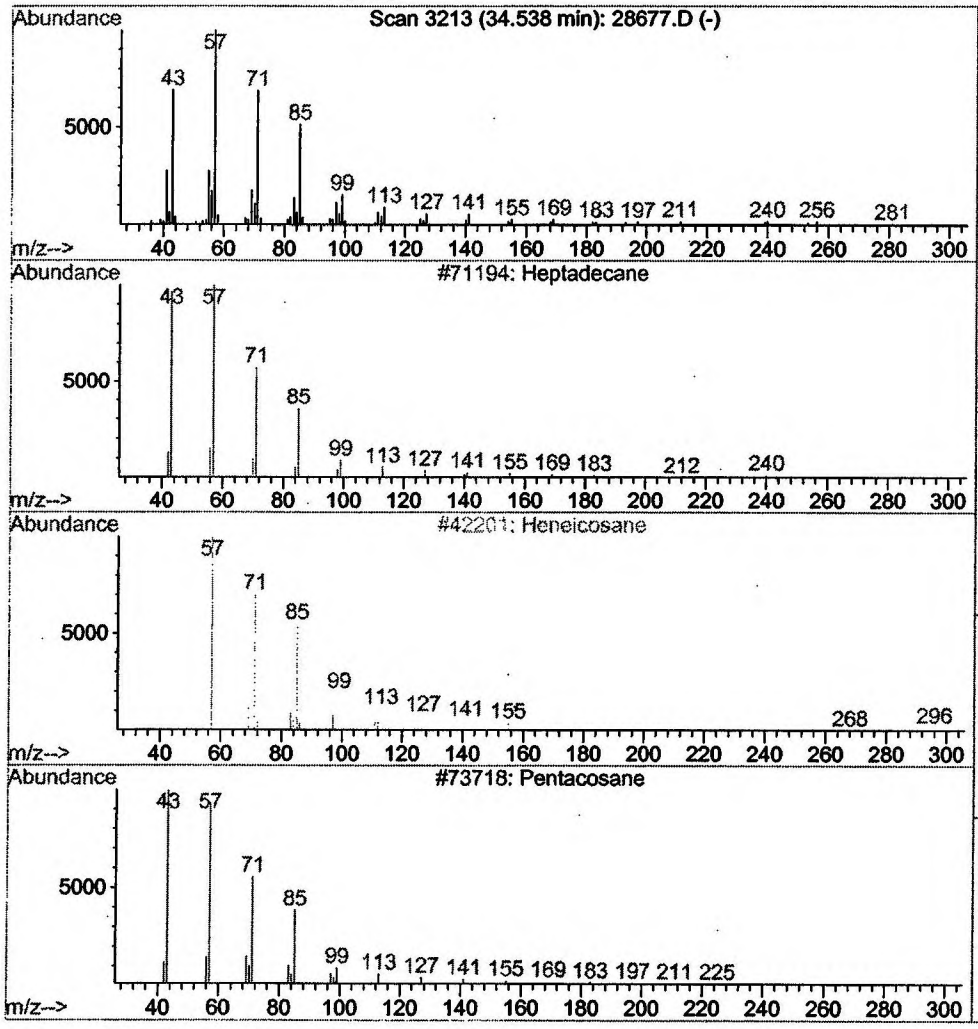
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

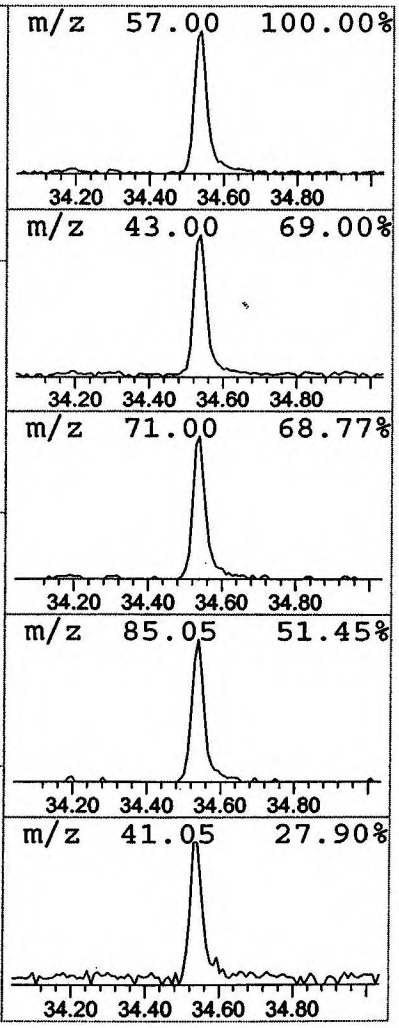
****

Peak Number 9 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.54	0.86 ug/l	186732	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

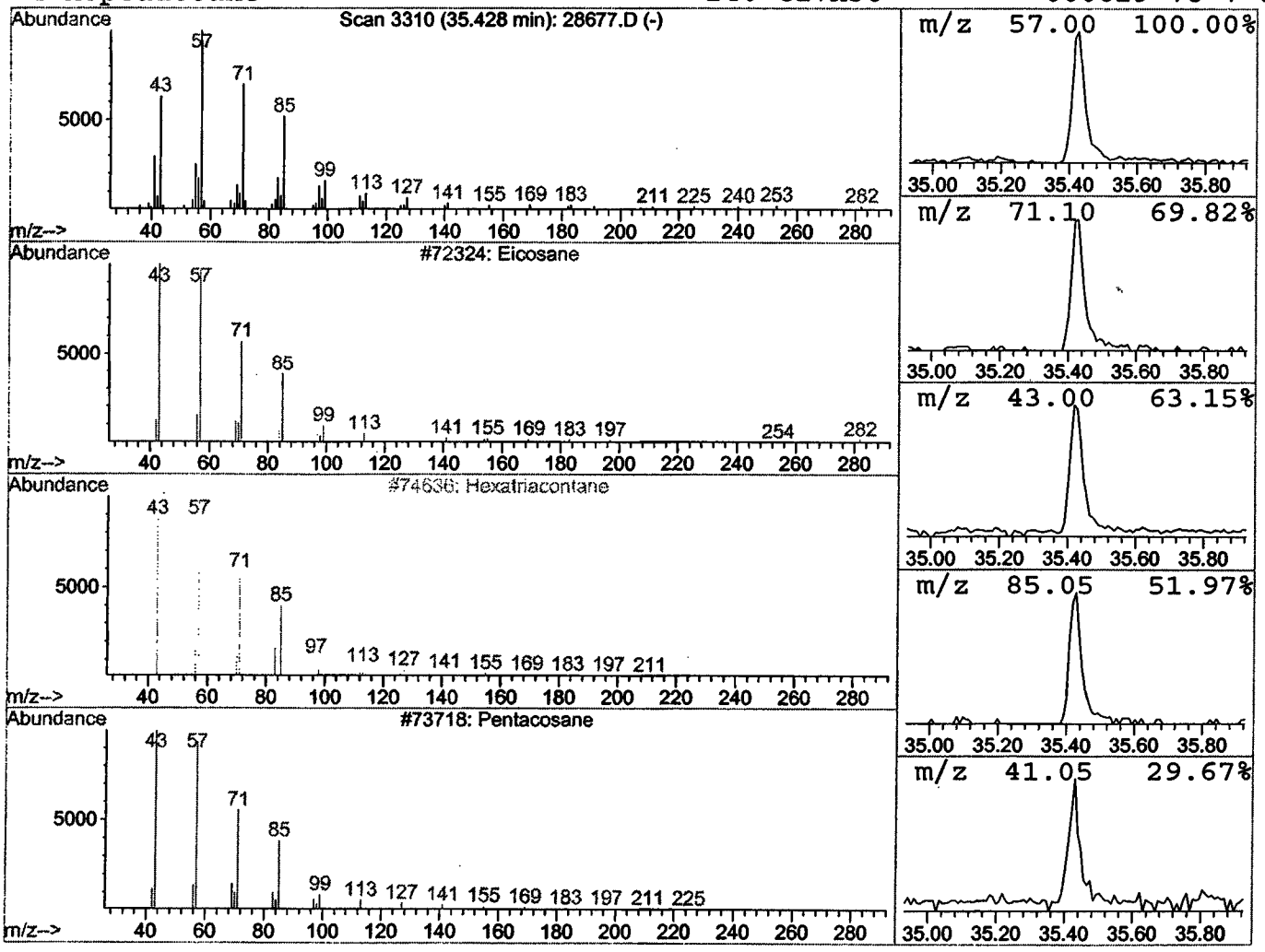
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.43	0.83 ug/l	143579	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heptadecane	240	C17H36	000629-78-7	89



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

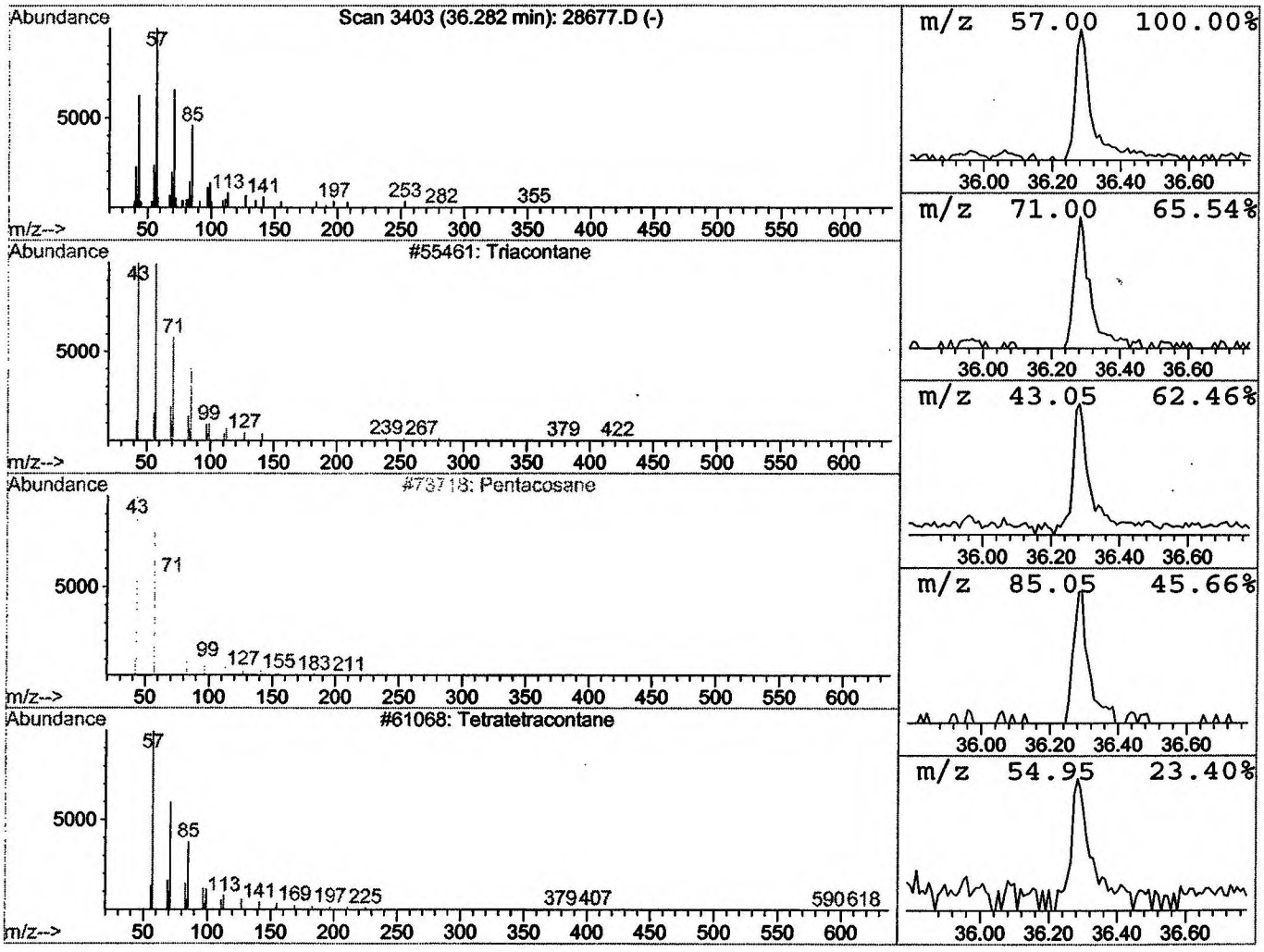
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 Triacontane — Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.28	0.49 ug/l	84439	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hexatriacontane	507	C36H74	000630-06-8	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

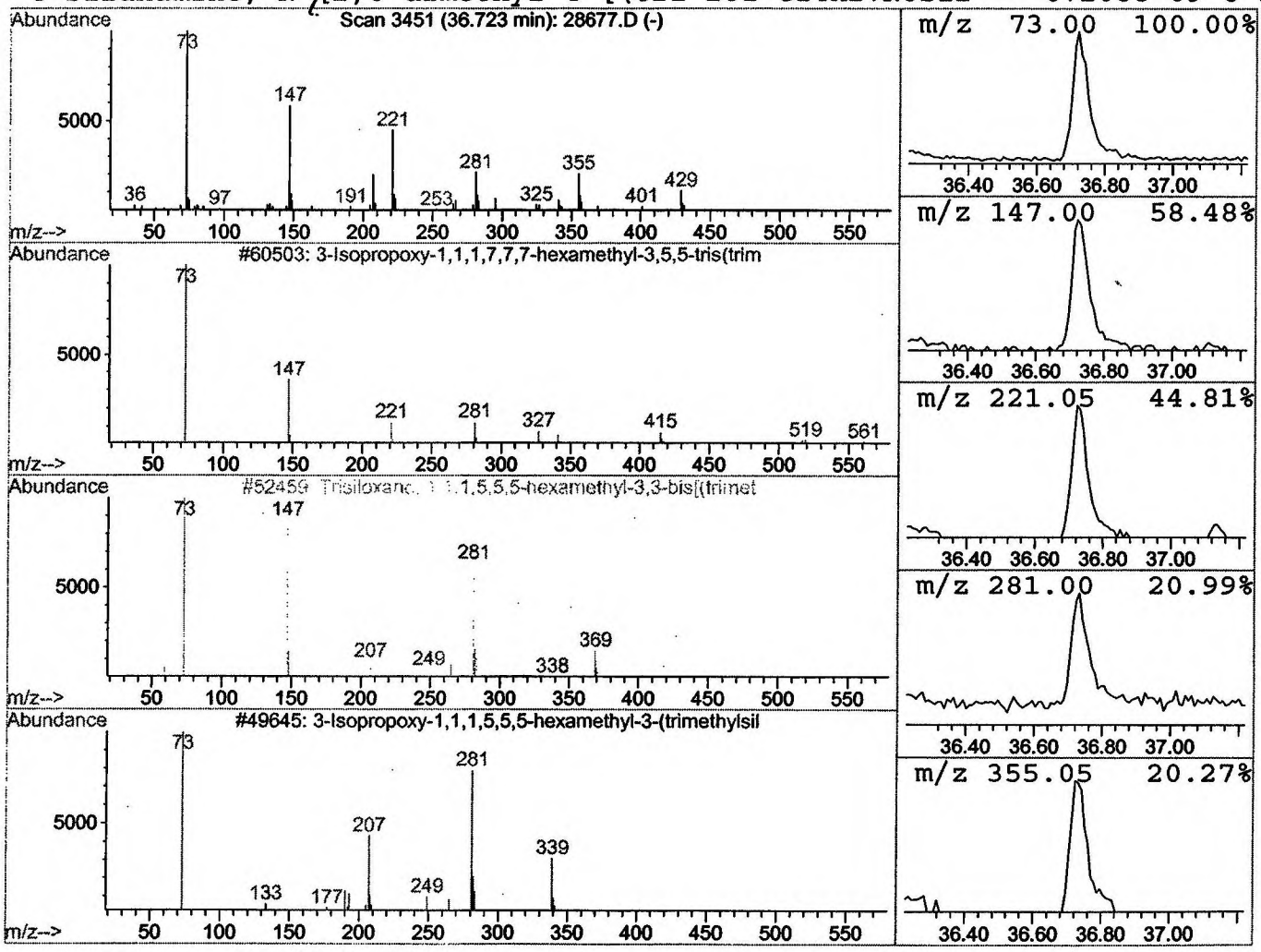
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.72	0.74 ug/l	127510	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
3	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	10
4	Silanamine, N-(2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

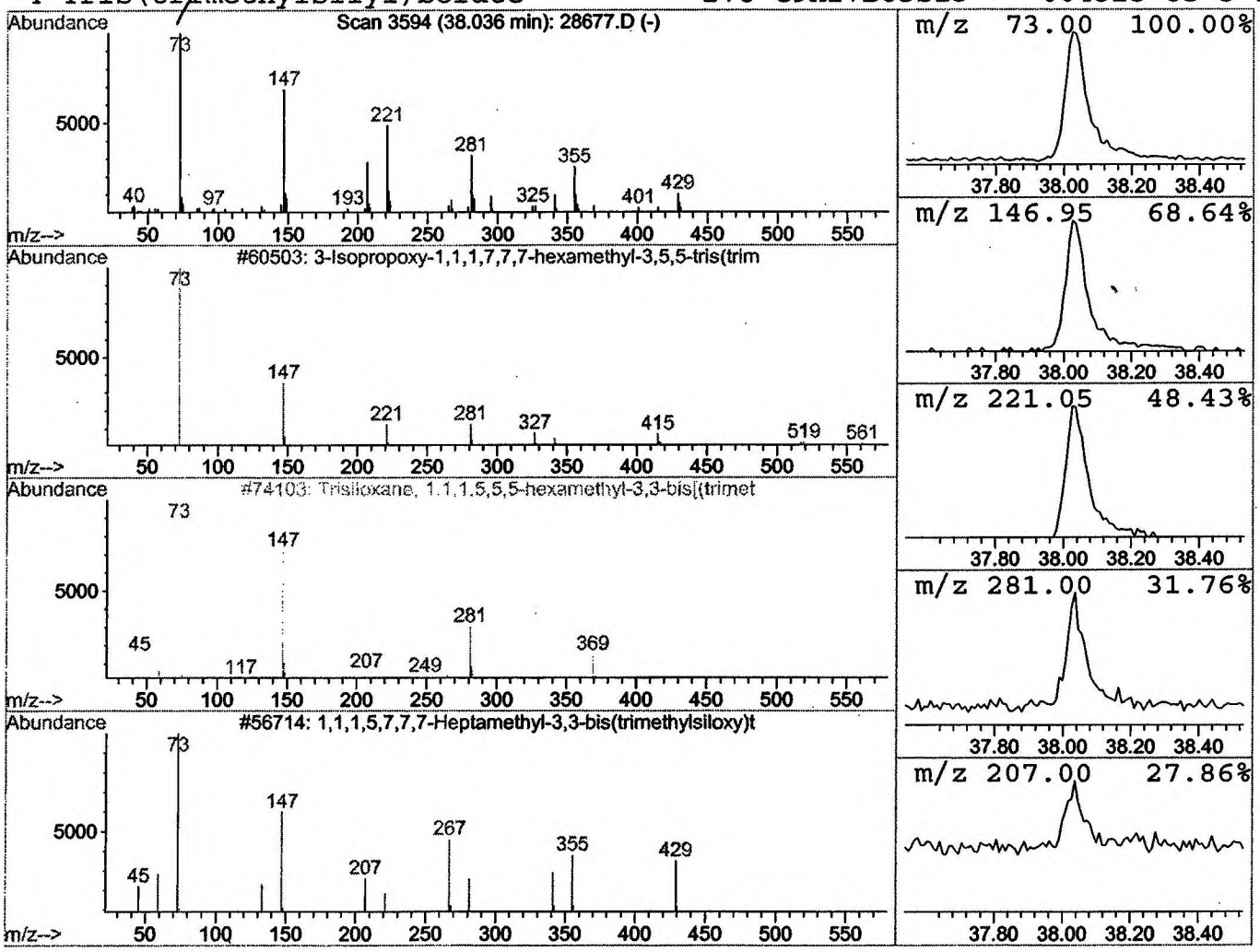
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 13 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.04	1.04 ug/l	180059	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	30
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	16
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

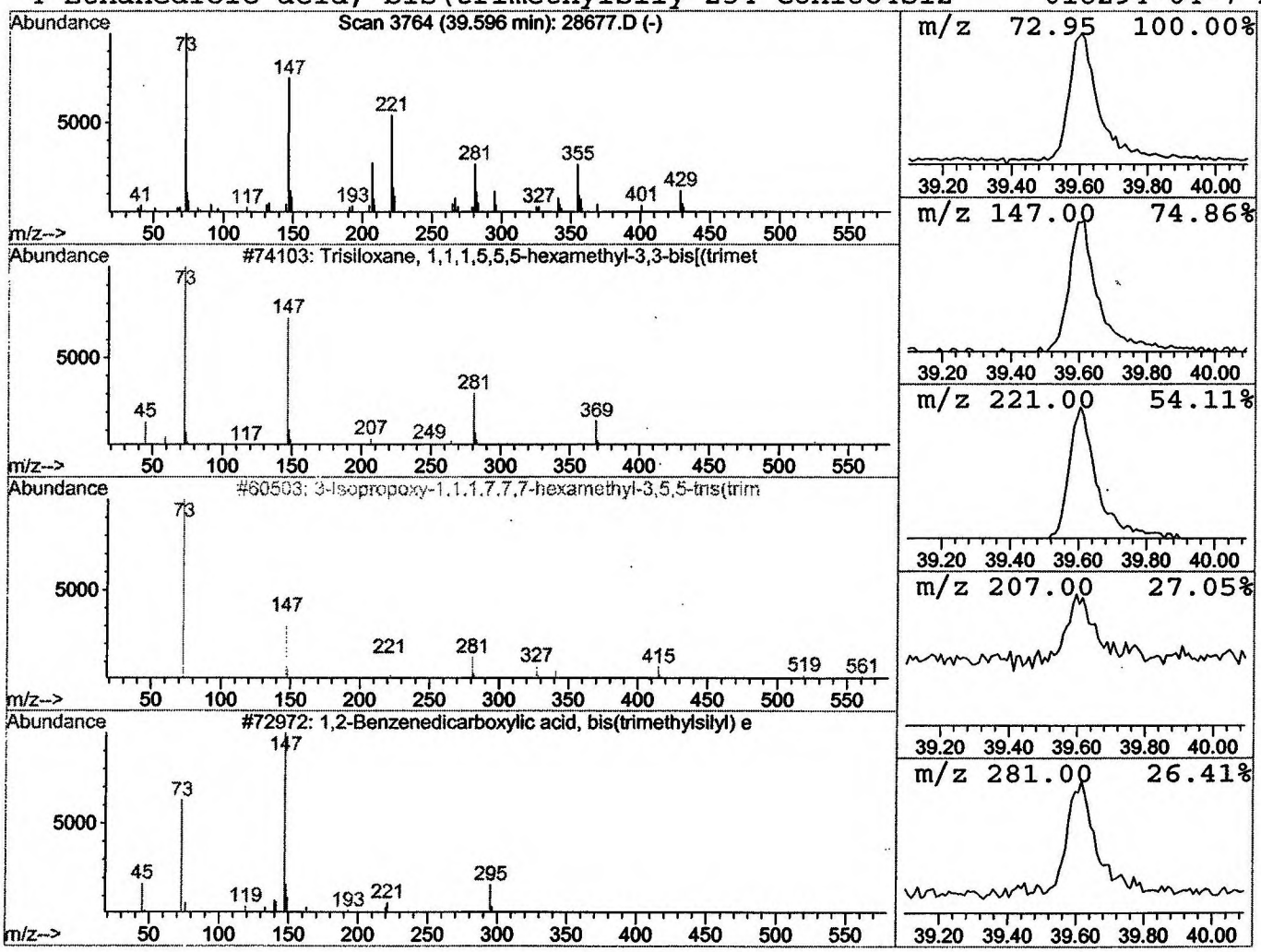
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.60	1.31 ug/l	225971	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	43
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	35
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D Vial: 13
Acq On : 5 Dec 2001 12:05 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

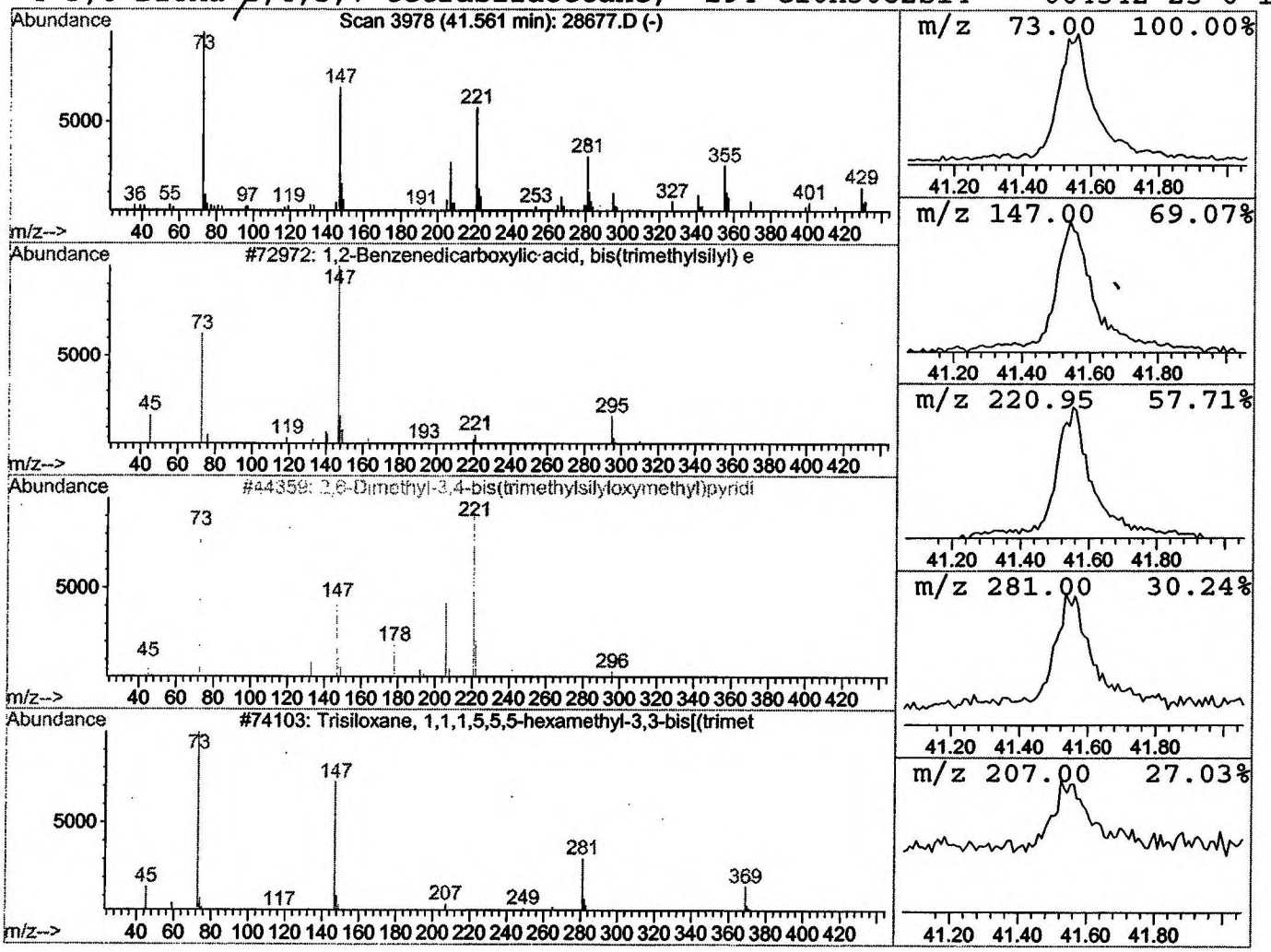
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 15 1,2-Benzenedicarboxylic acid, Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.56	1.68 ug/l	289855	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

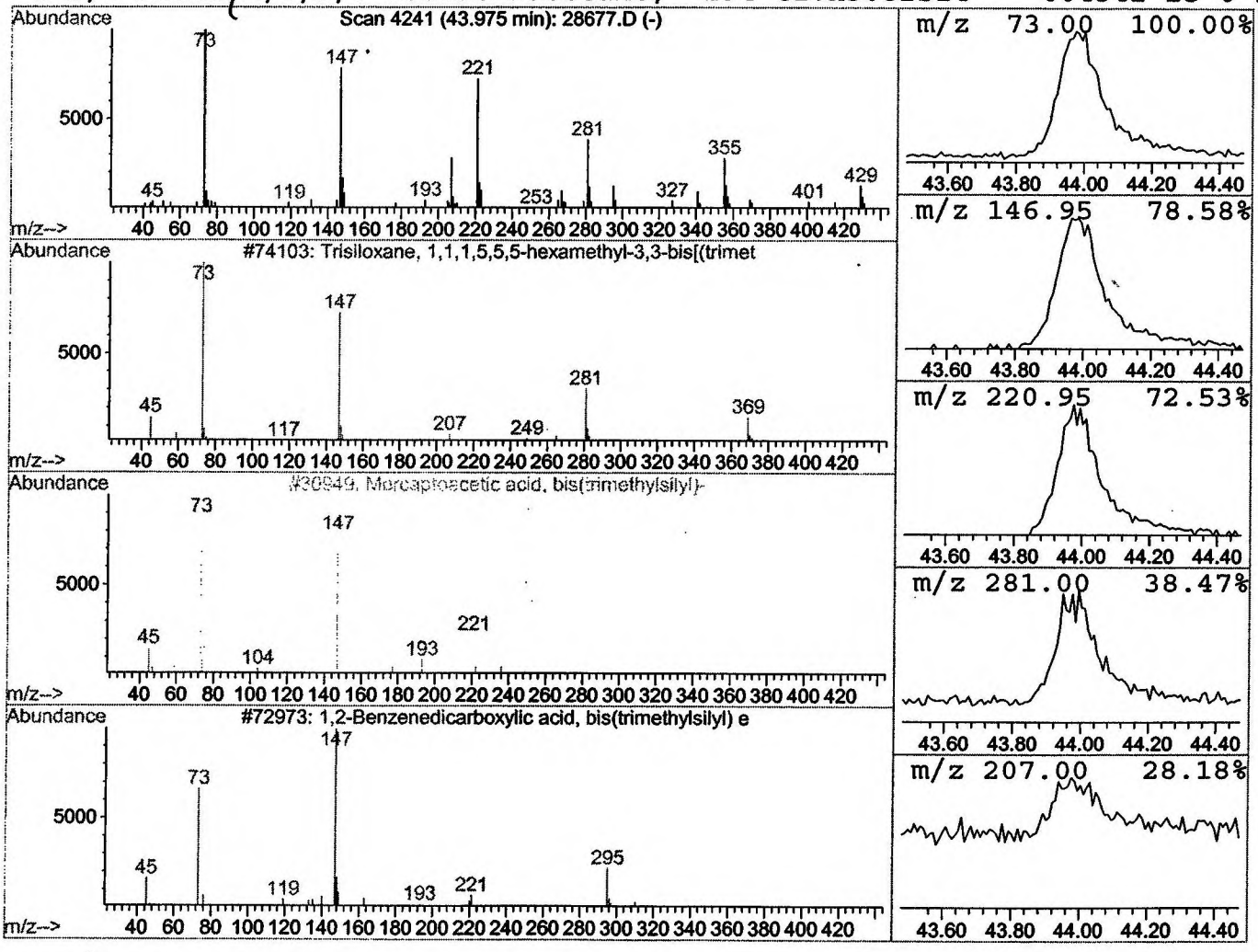
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 16 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.98	1.69 ug/l	292536	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	32
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	12
4	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28677.D
Acq On : 5 Dec 2001 12:05 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

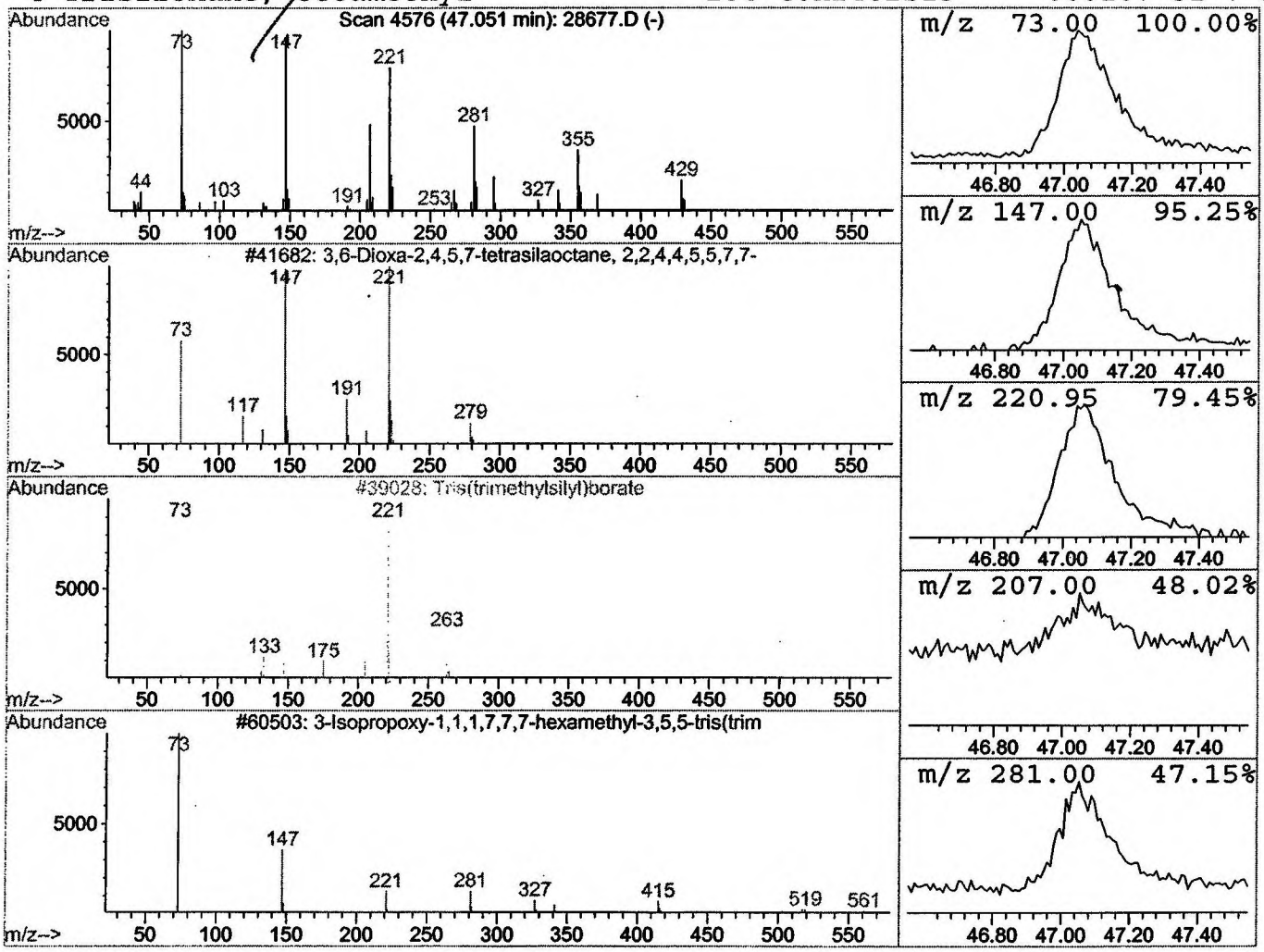
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 17 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
47.05	1.33 ug/l	230570	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	37
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	22
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 12:05 am
Data File: C:\HPCHEM\1\DATA\DEC0401\28677.D
Name: gc/ms 11/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Cyclobutane, 1,1-dim	29.43	7.3	ug/l	1598140	ISTD05	33.03	4360310	20.0
Docosane	29.55	1.0	ug/l	211568	ISTD05	33.03	4360310	20.0
1-Heptadecanol, acet	29.68	0.9	ug/l	198168	ISTD05	33.03	4360310	20.0
Tricosane	30.63	0.9	ug/l	194554	ISTD05	33.03	4360310	20.0
Octadecanoic acid, 2	31.57	4.9	ug/l	1068960	ISTD05	33.03	4360310	20.0
Tetracosane	31.66	1.6	ug/l	338679	ISTD05	33.03	4360310	20.0
Hexatriacontane	32.66	1.1	ug/l	239005	ISTD05	33.03	4360310	20.0
Hexadecane	33.61	1.2	ug/l	270374	ISTD05	33.03	4360310	20.0
Heptadecane	34.54	0.9	ug/l	186732	ISTD05	33.03	4360310	20.0
Eicosane	35.43	0.8	ug/l	143579	ISTD06	37.13	3455600	20.0
Triacontane	36.28	0.5	ug/l	84439	ISTD06	37.13	3455600	20.0
3-Isopropoxy-1,1,1,7	36.72	0.7	ug/l	127510	ISTD06	37.13	3455600	20.0
3-Isopropoxy-1,1,1,7	38.04	1.0	ug/l	180059	ISTD06	37.13	3455600	20.0
Trisiloxane, 1,1,1,5	39.60	1.3	ug/l	225971	ISTD06	37.13	3455600	20.0
1,2-Benzenedicarboxy	41.56	1.7	ug/l	289855	ISTD06	37.13	3455600	20.0
Trisiloxane, 1,1,1,5	43.98	1.7	ug/l	292536	ISTD06	37.13	3455600	20.0
3,6-Dioxa-2,4,5,7-te	47.05	1.3	ug/l	230570	ISTD06	37.13	3455600	20.0

28677.D GCMS1126.M Fri Dec 07 15:13:05 2001

Coherm + Turbovap green