User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:07:55

Sample: AD31641
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:07 Ended: 2/11/02 16:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD31641 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:08:20

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\31641.D Vial: 39
Acq On : 4 Jan 2002 11:32 pm Operator: 209 GALOS
Sample : gcms scan 1/2a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:26 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	677695	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	2646622	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	1324631	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	1855595	20.00	ug/l	-0.18
38) Chrysene-d12	32.83	240	1022786	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	588334	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	100036	4.90	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 98.00%			
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	15.19	128	697	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	20.81	165	100	N.D.		
25) Diethylphthalate	21.92	149	321	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

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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
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	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	24.82	178	643	N.D.	
34)	Anthracene	24.82	178	643	N.D.	
35)	Di-n-butylphthalate	26.83	149	15084	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	32.83	228	2575	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	2274	N.D.	
43)	Chrysene	32.83	228	2575	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	36.90	252	2491	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	41.61	276	102	N.D.	

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Sample : gcms scan 1/2a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 1 9:26 2002

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
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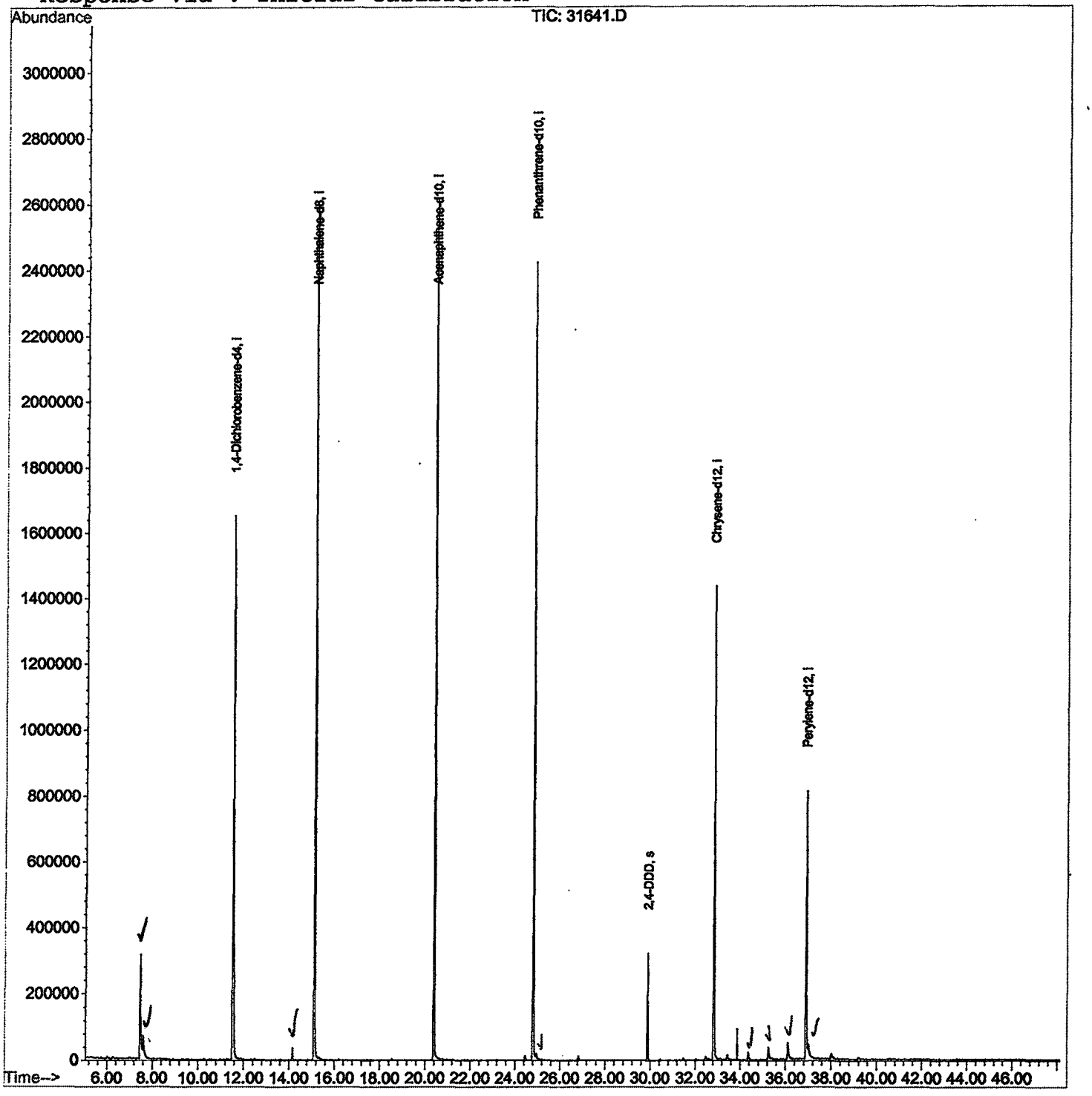
Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31641.D Vial: 39
Acq On : 4 Jan 2002 11:32 pm Operator: 209 GALOS
Sample : gcms scan 1/2a 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

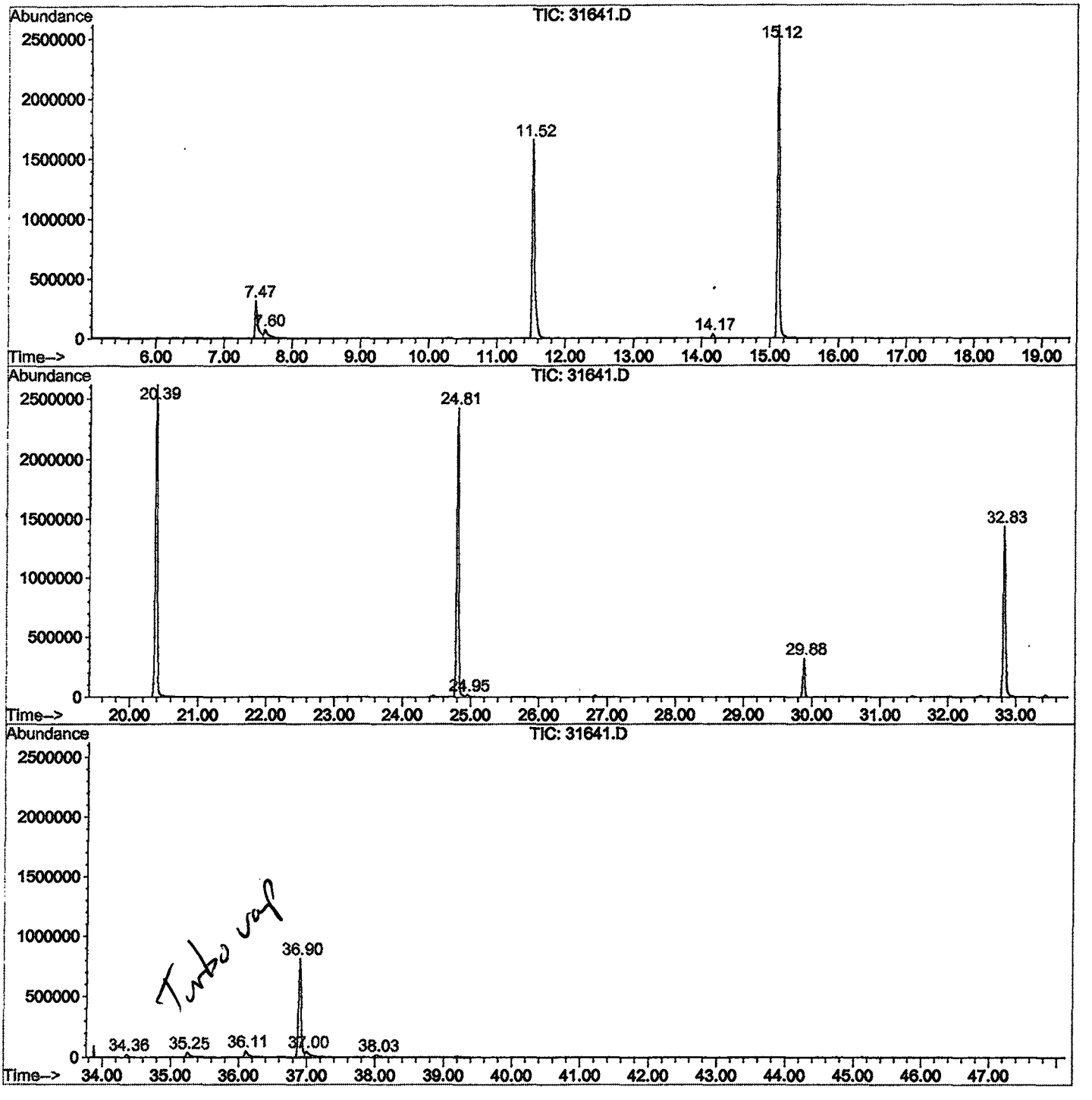
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.465	260	264	275	rBV	312513	821157	14.89%	2.904%
2	7.603	275	279	298	rVB2	68128	279477	5.07%	0.988%
3	11.523	701	706	727	rBV	1651325	4241541	76.90%	15.002%
4	14.167	987	994	999	rBV	37352	74573	1.35%	0.264%
5	15.122	1092	1098	1117	rBV	2597779	5389018	97.70%	19.061%
6	20.391	1666	1672	1687	rBV	2617770	5515998	100.00%	19.510%
7	24.807	2147	2153	2166	rBV2	2421781	5216100	94.56%	18.449%
8	24.954	2166	2169	2188	rVB	18568	61496	1.11%	0.218%
9	29.884	2701	2706	2711	rBV	321382	609483	11.05%	2.156%
10	32.831	3021	3027	3046	rBV2	1436620	3317558	60.14%	11.734%
11	34.364	3189	3194	3203	rBV2	24163	73093	1.33%	0.259%
12	35.245	3283	3290	3300	rBV	38263	129087	2.34%	0.457%
13	36.108	3379	3384	3397	rBV	49772	174859	3.17%	0.618%
14	36.898	3463	3470	3478	rBV	810376	2127733	38.57%	7.526%
15	36.999	3478	3481	3499	rVB4	41808	180052	3.26%	0.637%
16	38.027	3585	3593	3598	rBV5	15724	61794	1.12%	0.219%

Sum of corrected areas: 28273019

31641.D GCMS1126.M Fri Feb 01 11:16:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\31641.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 11:32 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2a
Misc Info :
Vial Number: 39
Quant File :GCMS1126.RES (RTE Integrator)



31641.D GCMS1126.M Fri Feb 01 11:16:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31641.D
Acq On : 4 Jan 2002 11:32 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

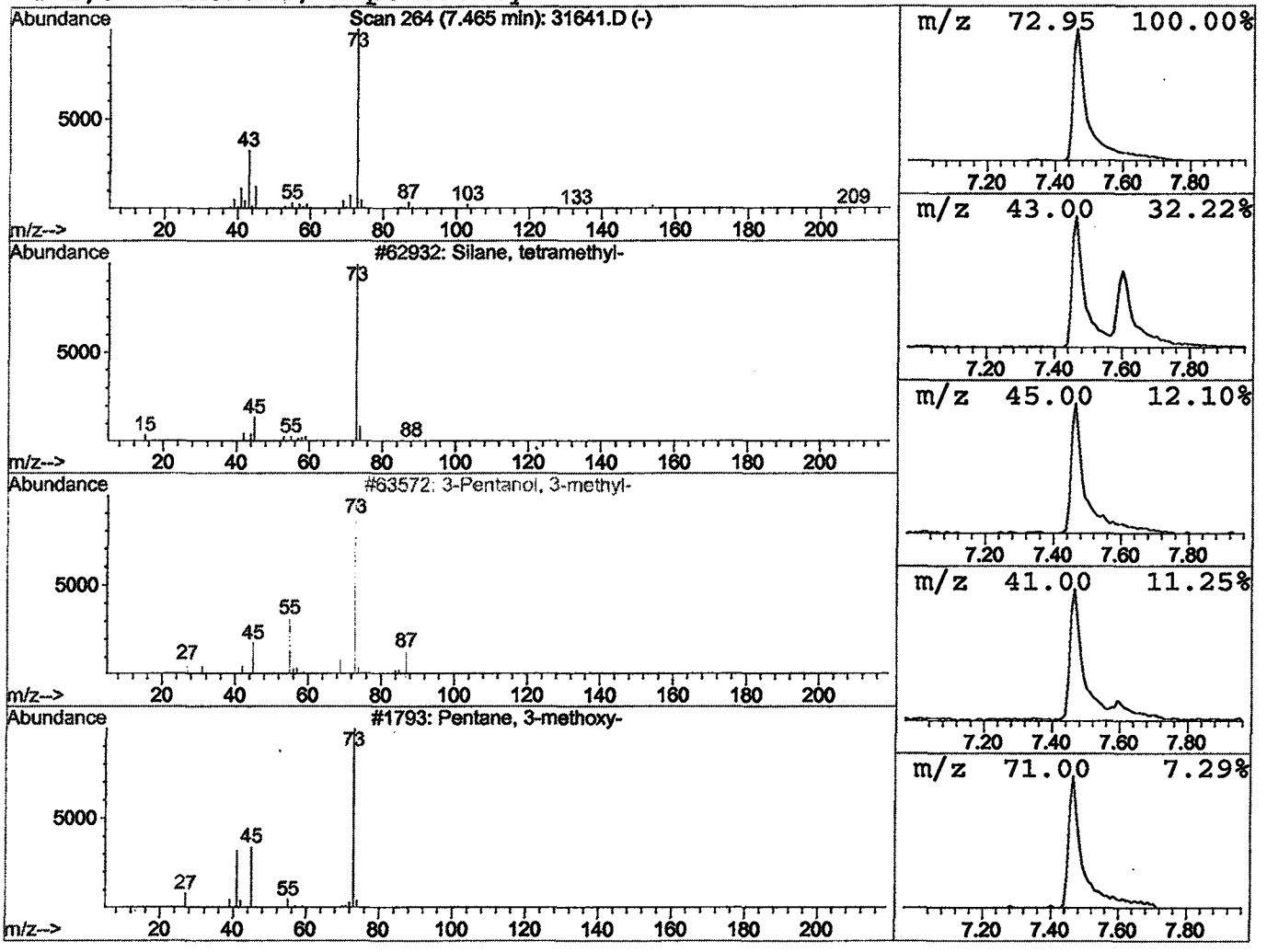
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.87 ug/l	821157	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

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Acq On : 4 Jan 2002 11:32 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

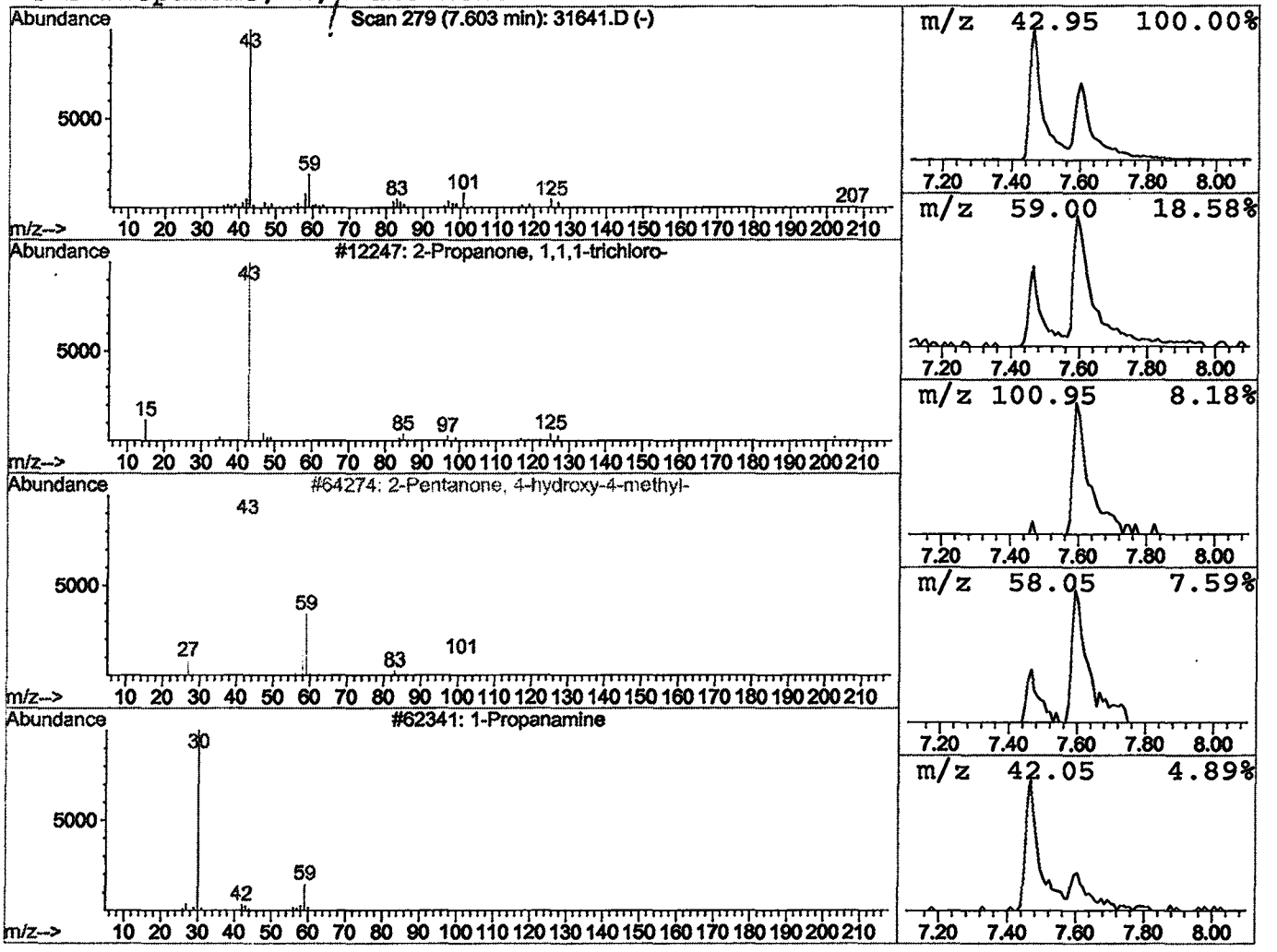
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	1.32 ug/l	279477	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17
3	1-Propanamine	59	C3H9N	000107-10-8	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\31641.D
Acq On : 4 Jan 2002 11:32 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 39
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

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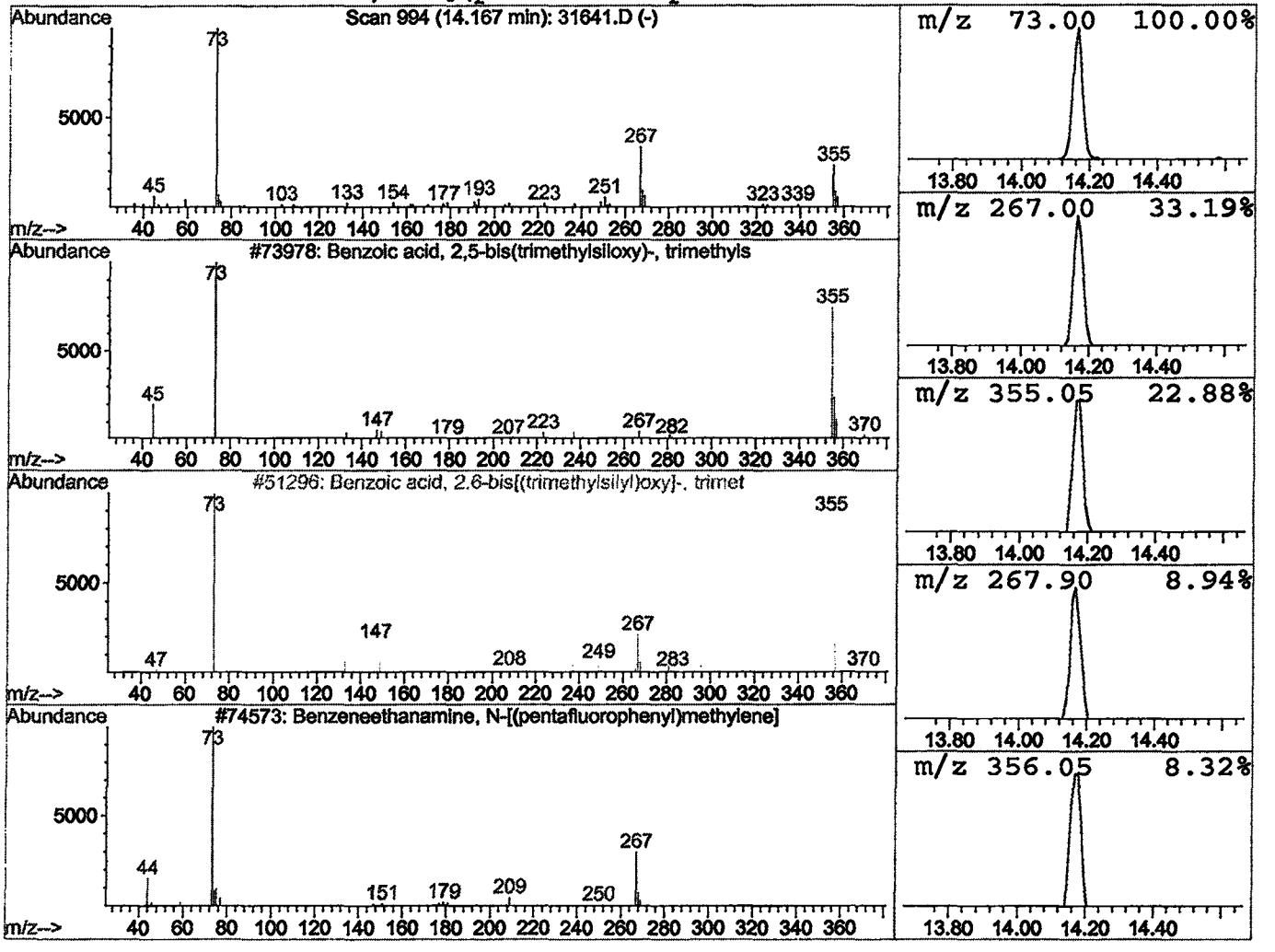
Peak Number 3 Benzoic acid, 2,5-bis(trimethy Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.28 ug/l	74573	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
2	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	33
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25



Library Search Compound Report

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Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 39
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
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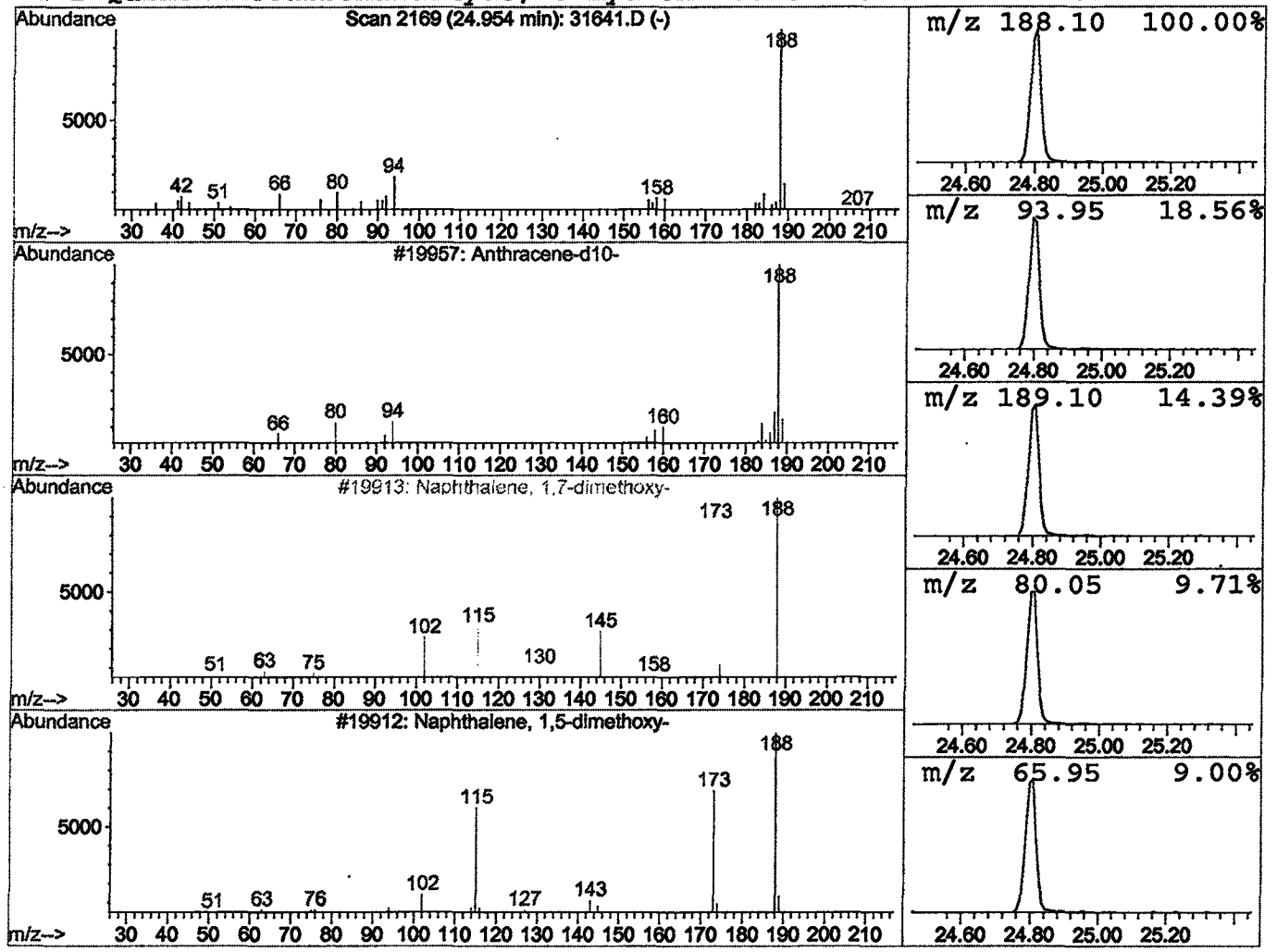
****

Peak Number 4 Anthracene-d10- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	0.24 ug/l	61496	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	53
3	Naphthalene, 1,5-dimethoxy-	188	C12H12O2	010075-63-5	42
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	42



Library Search Compound Report

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Acq On : 4 Jan 2002 11:32 pm
Sample : gcms scan 1/2a
Misc :
MS Integration Params: LSCINT.P

Vial: 39
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

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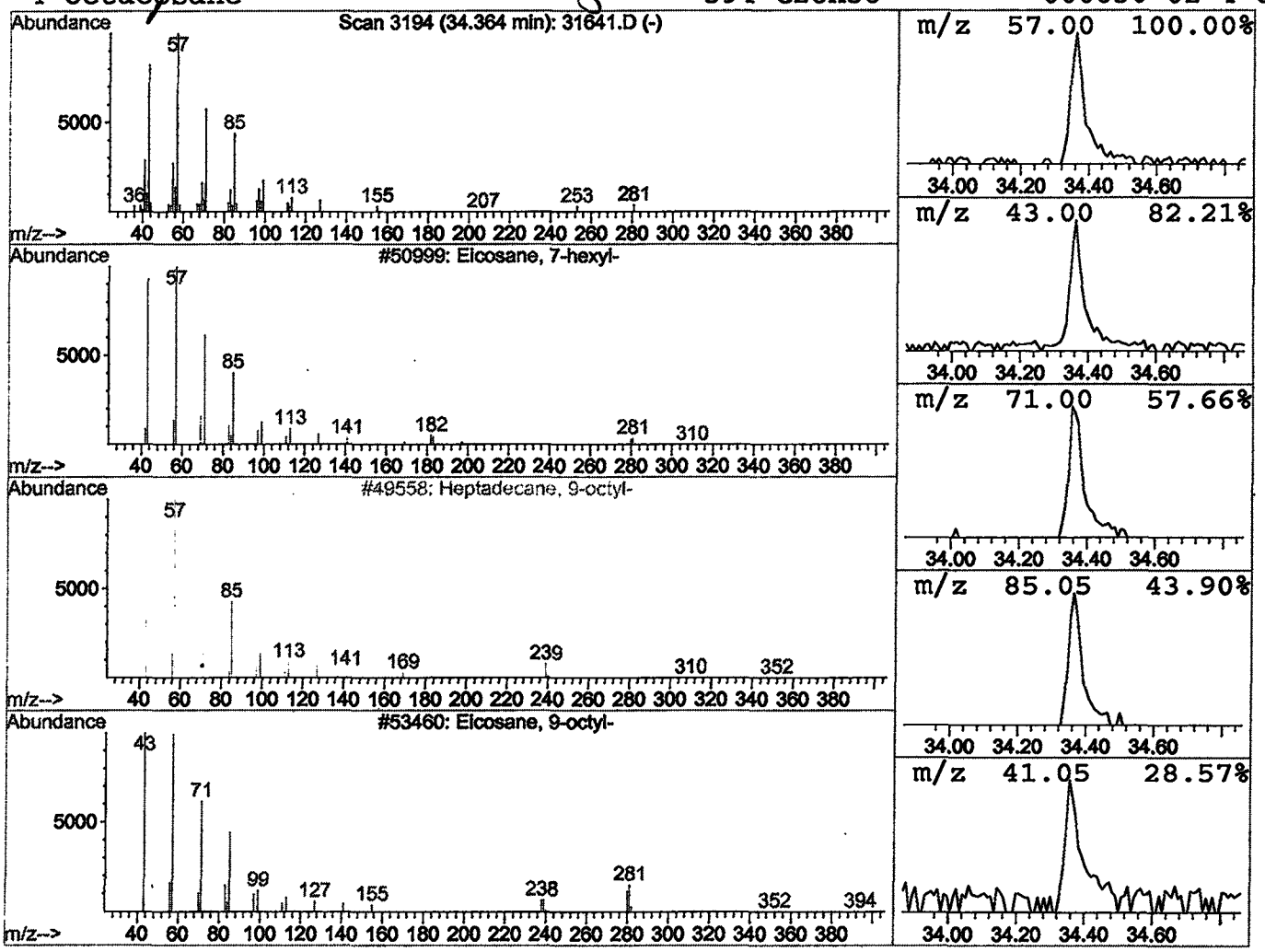
Peak Number 5 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.36	0.44 ug/l	73093	Chrysene-d12	32.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
4	Octacosane	394	C28H58	000630-02-4	86

Indeed vol Grouse



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Misc :
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Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

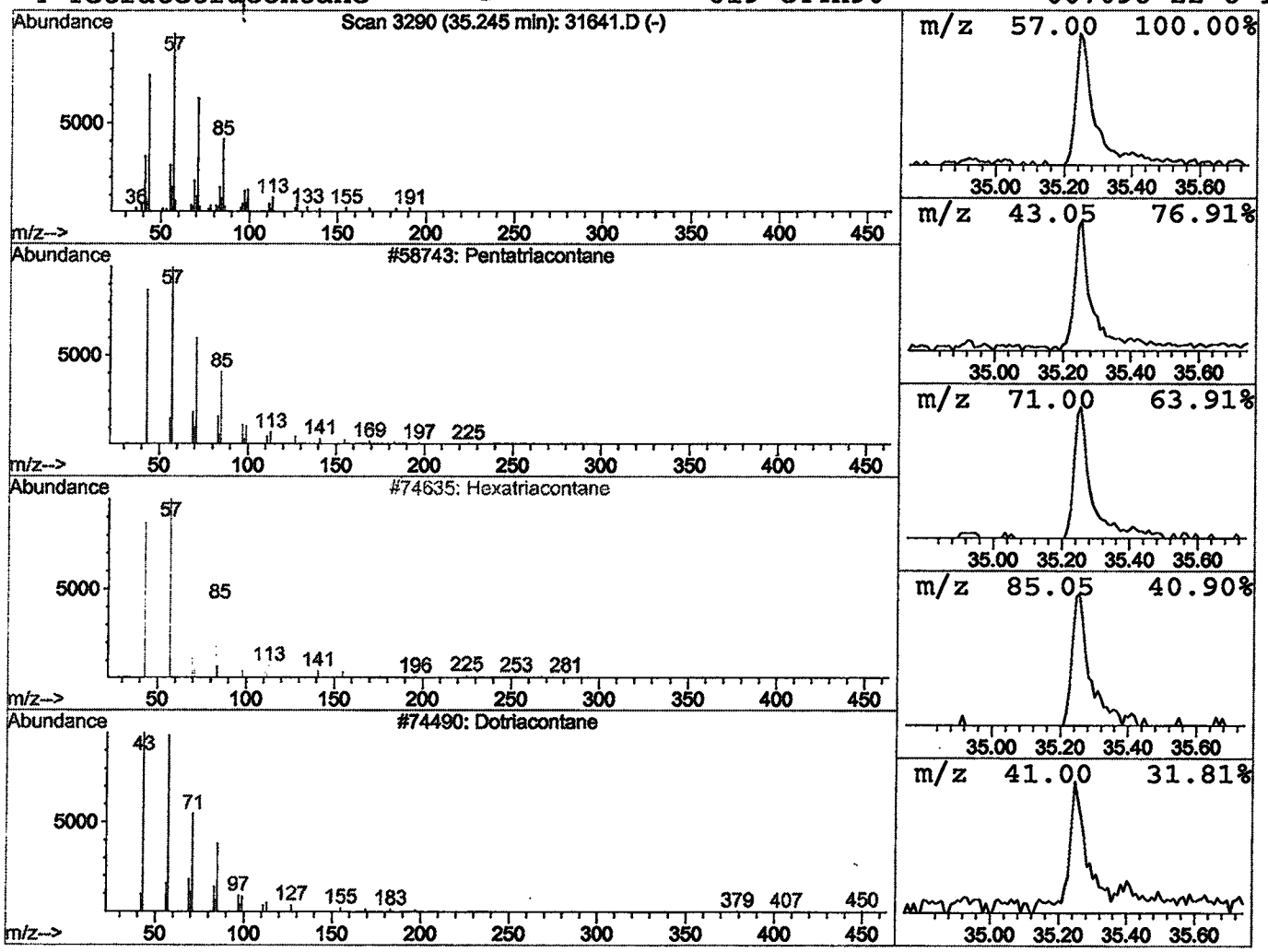
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Pentatriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.25	1.21 ug/l	129087	Perylene-d12	36.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentatriacontane	493	C35H72	000630-07-9	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Dotriacontane	451	C32H66	000544-85-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 39
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

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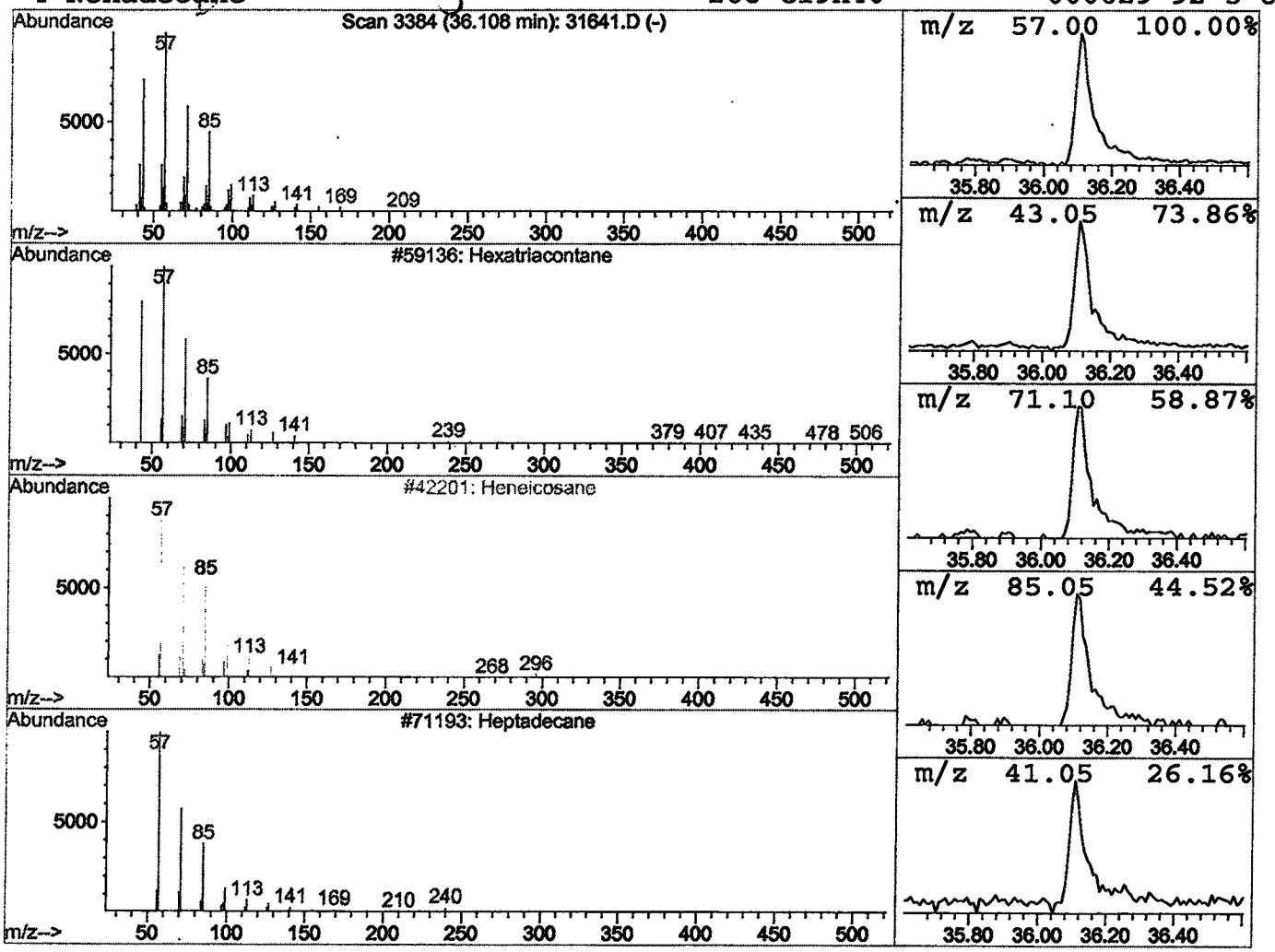
Peak Number 7 Hexatriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.11	1.64 ug/l	174859	Perylene-d12	36.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	87
4	Nonadecane	268	C19H40	000629-92-5	87



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Vial: 39
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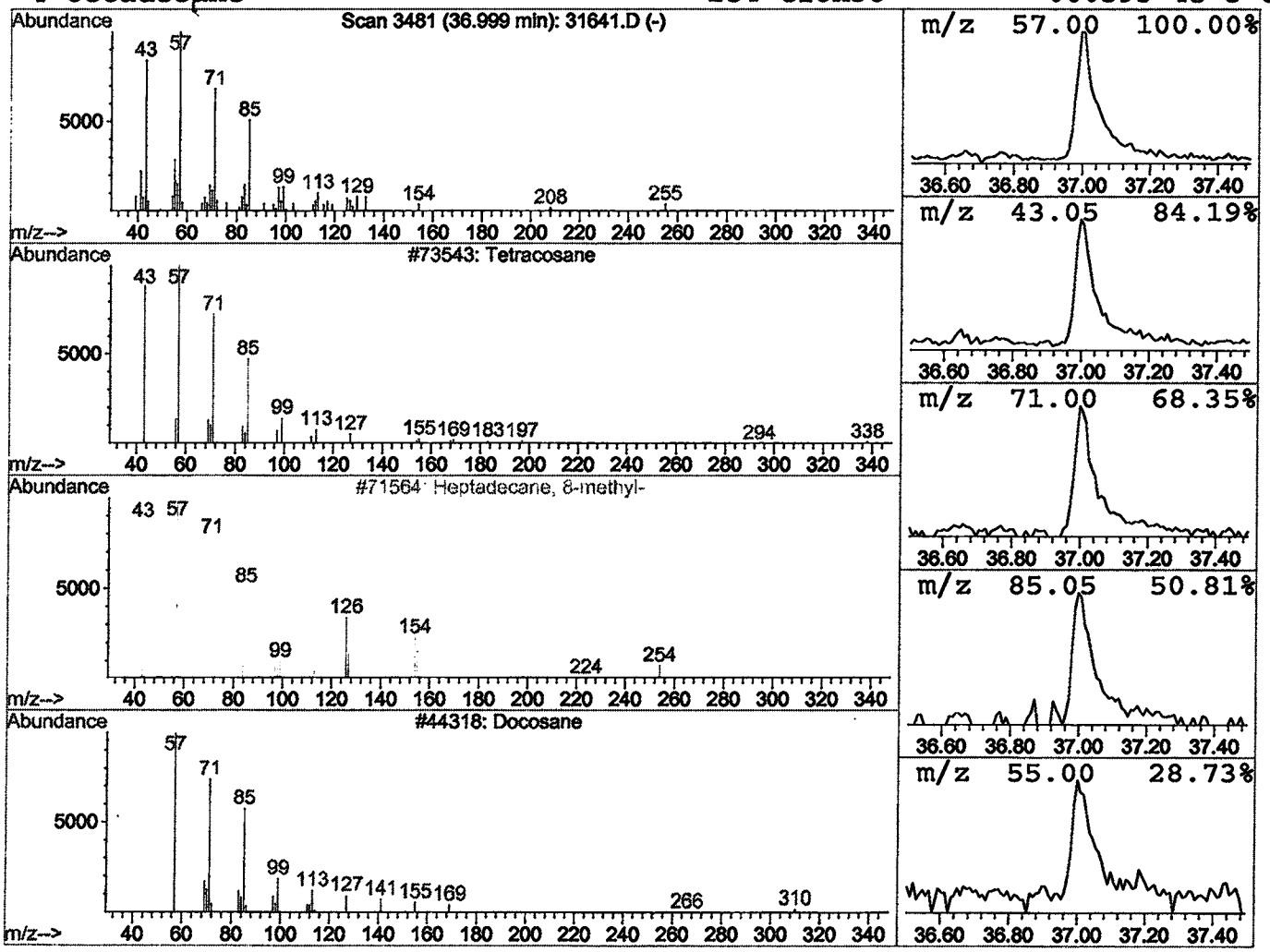
Peak Number 8 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.00	1.69 ug/l	180052	Perylene-d12	36.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
3	Docosane	310	C22H46	000629-97-0	80
4	Octadecane	254	C18H38	000593-45-3	80



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Misc :
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Vial: 39
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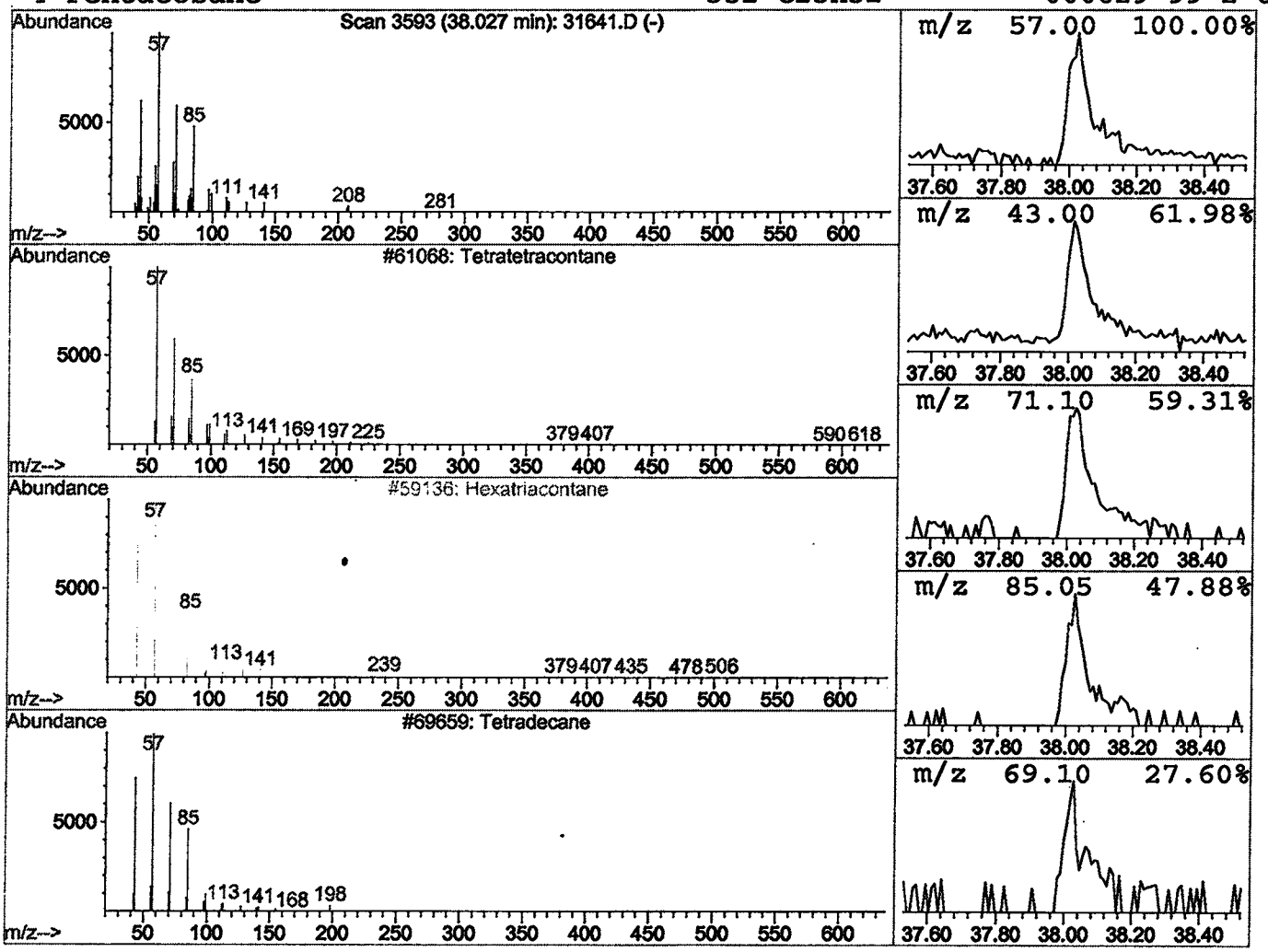
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.03	0.58 ug/l	61794	Perylene-d12	36.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	86
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentacosane	352	C25H52	000629-99-2	83



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 11:32 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\31641.D
Name: gcms scan 1/2a
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
Silane, tetramethyl-	7.47	3.9	ug/l	821157	ISTD01	11.52	4241540	20.0
2-Propanone, 1,1,1-t	7.60	1.3	ug/l	279477	ISTD01	11.52	4241540	20.0
Benzoic acid, 2,5-bi	14.17	0.3	ug/l	74573	ISTD02	15.12	5389020	20.0
Anthracene-d10-	24.95	0.2	ug/l	61496	ISTD04	24.81	5216100	20.0
Eicosane, 7-hexyl-	34.36	0.4	ug/l	73093	ISTD05	32.83	3317560	20.0
Pentatriacontane	35.25	1.2	ug/l	129087	ISTD06	36.90	2127730	20.0
Hexatriacontane	36.11	1.6	ug/l	174859	ISTD06	36.90	2127730	20.0
Tetracosane	37.00	1.7	ug/l	180052	ISTD06	36.90	2127730	20.0
Tetratetracontane	38.03	0.6	ug/l	61794	ISTD06	36.90	2127730	20.0

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Tuth vap grease