User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 12:17:08

Sample: AD30696
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 12:16 Ended: 1/25/02 12:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AD30696 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 12:17:56

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 above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D Vial: 33
Acq On : 1 Jan 2002 7:57 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 18 11:07 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	796209	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3056377	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1507392	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2191810m	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1267860	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	688229	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	124628	5.17	ug/mL	0.00
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.33	74	170	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	15.33	128	706	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	21.20	165	172	N.D.		
25) Diethylphthalate	22.16	149	381	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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Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	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	24.99	178	547	N.D.	
34)	Anthracene	24.99	178	547	N.D.	
35)	Di-n-butylphthalate	27.04	149	4451	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	33.03	228	3356	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5150	N.D.	
43)	Chrysene	33.03	228	3356	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.27	252	196	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.13	252	2463	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.	

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Quantitation Report

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Title : 209 625/TCLP calibration table
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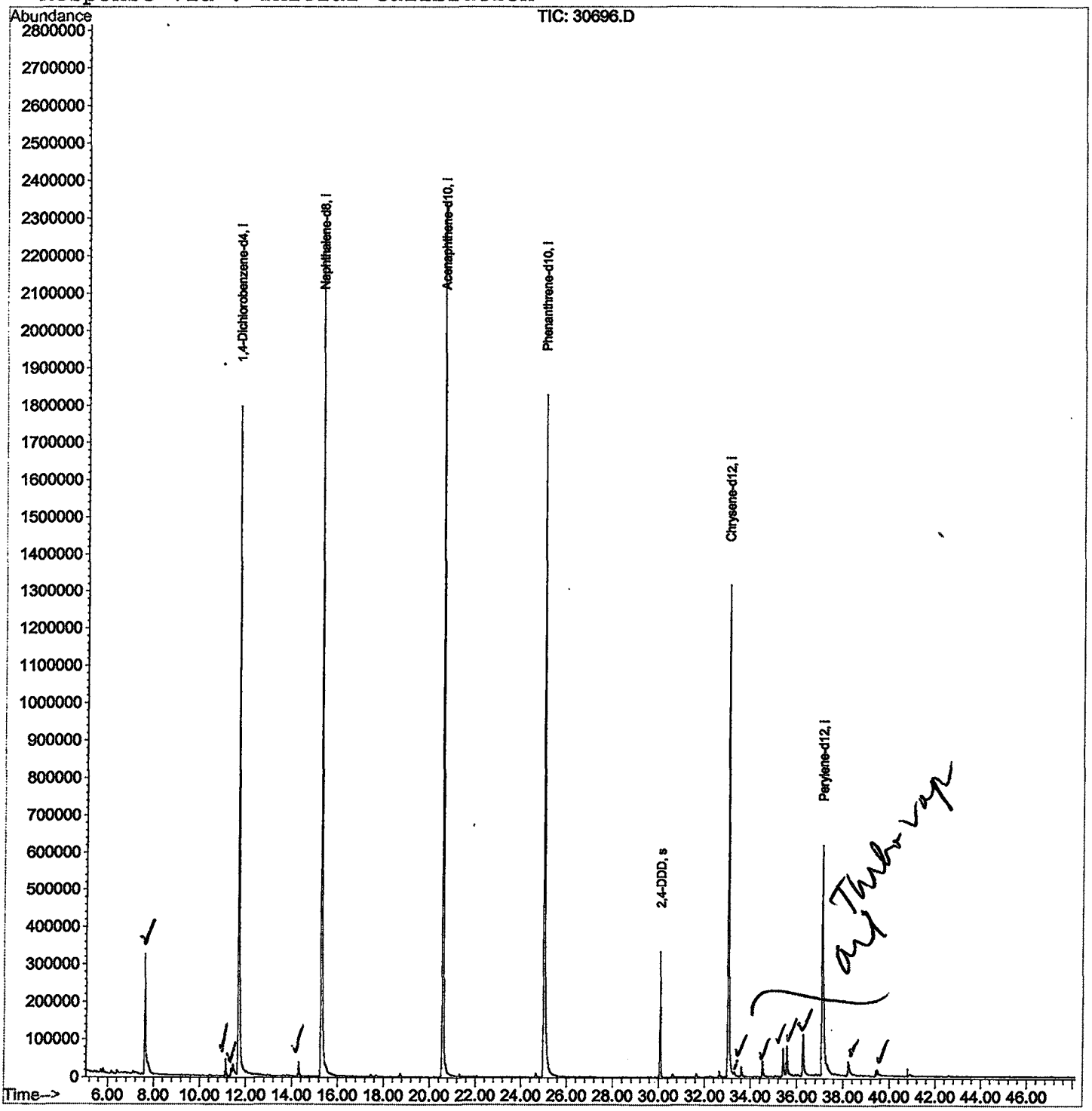


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D Vial: 33
Acq On : 1 Jan 2002 7:57 pm Operator: 209 GALOS
Sample : gcms scan 12/19 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

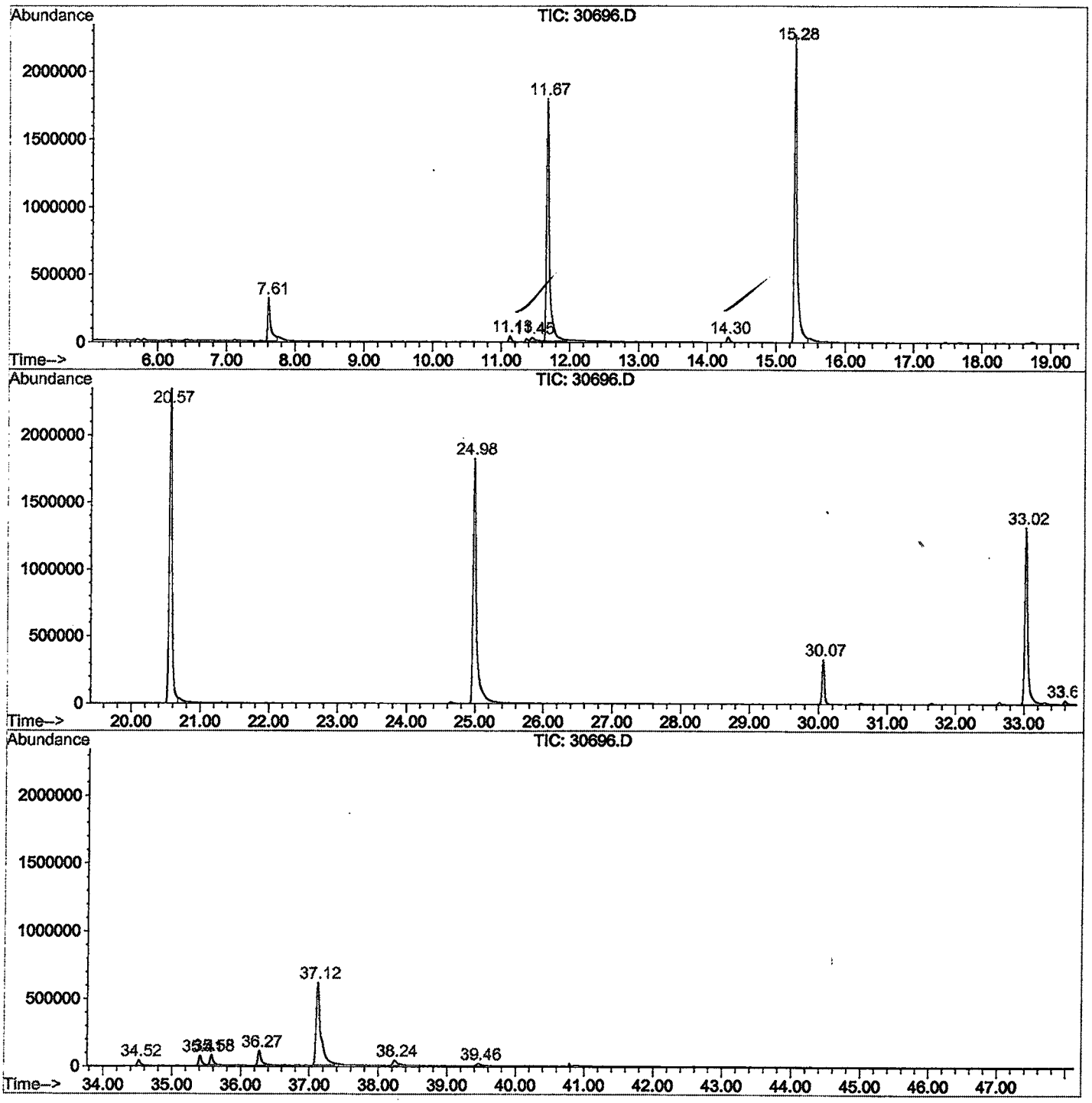
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	294	rBV	318465	943062	14.53%	2.765%
2	11.128	658	663	671	rBV	45095	109102	1.68%	0.320%
3	11.450	694	698	714	rVB	28683	129592	2.00%	0.380%
4	11.670	717	722	753	rBV	1790757	5107476	78.70%	14.974%
5	14.305	1003	1009	1019	rBV	37810	102757	1.58%	0.301%
6	15.278	1109	1115	1135	rBV	2266967	6072123	93.56%	17.802%
7	20.566	1684	1691	1703	rBV	2343006	6490040	100.00%	19.027%
8	24.981	2166	2172	2211	rBV2	1827386	6236519	96.09%	18.284%
9	30.067	2720	2726	2737	rBV	333136	773888	11.92%	2.269%
10	33.023	3041	3048	3074	rBV2	1313776	4039170	62.24%	11.842%
11	33.602	3106	3111	3120	rBV2	26241	70652	1.09%	0.207%
12	34.520	3206	3211	3221	rBV	41424	124598	1.92%	0.365%
13	35.410	3302	3308	3318	rBV2	73800	229449	3.54%	0.673%
14	35.575	3320	3326	3335	rVV	74592	223162	3.44%	0.654%
15	36.273	3396	3402	3424	rBV	107564	403635	6.22%	1.183%
16	37.118	3487	3494	3521	rBV2	612162	2823340	43.50%	8.277%
17	38.238	3608	3616	3623	rBV3	38012	154738	2.38%	0.454%
18	39.459	3741	3749	3759	rBV3	17016	76761	1.18%	0.225%

Sum of corrected areas: 34110064

30696.D GCMS1126.M Wed Jan 23 08:36:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30696.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 7:57 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19
Misc Info :
Vial Number: 33
Quant File :GCMS1126.RES (RTE Integrator)



30696.D GCMS1126.M Wed Jan 23 08:36:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D
Acq On : 1 Jan 2002 7:57 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

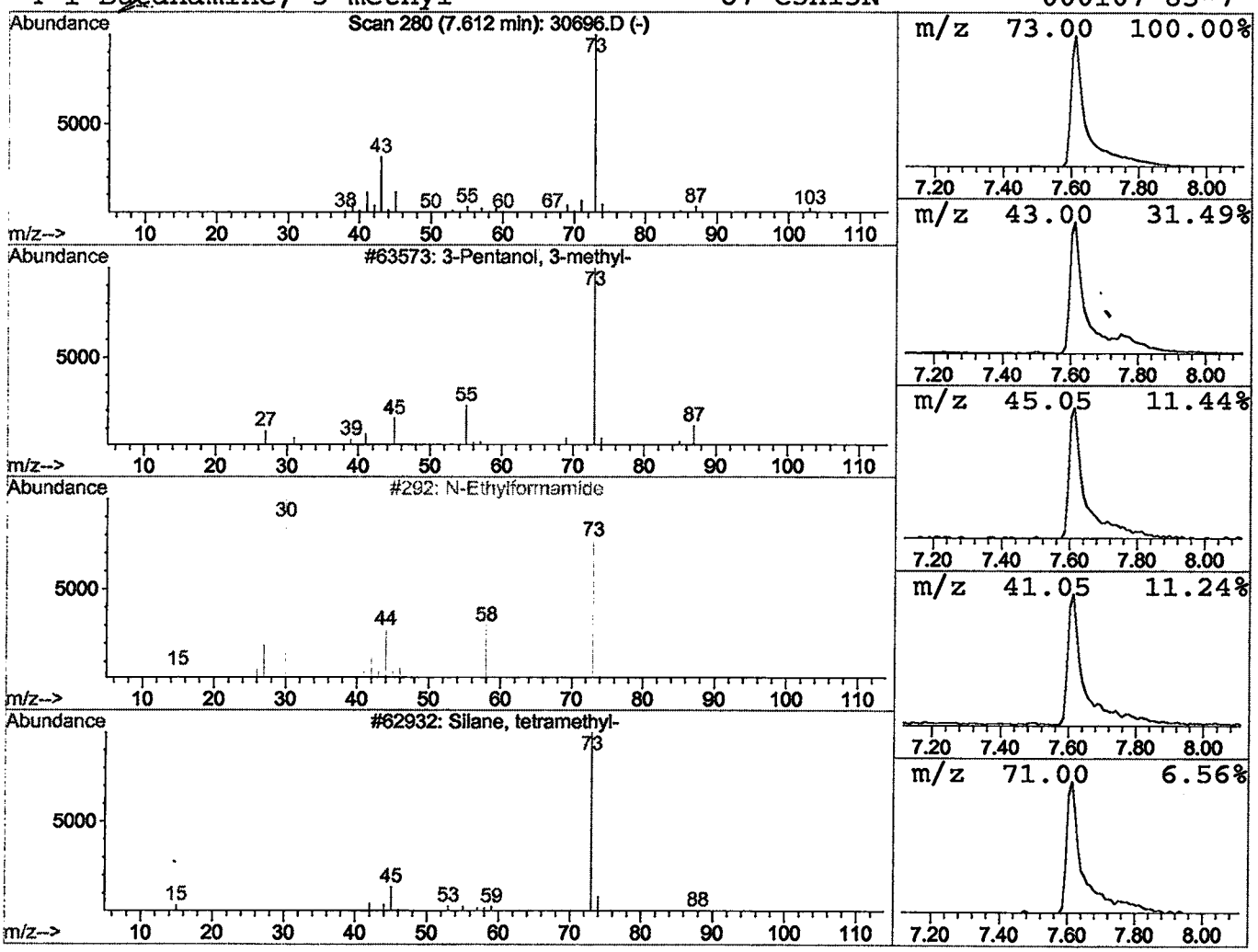
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.69 ug/l	943062	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D Vial: 33
Acq On : 1 Jan 2002 7:57 pm Operator: 209 GALOS
Sample : gcms scan 12/19 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

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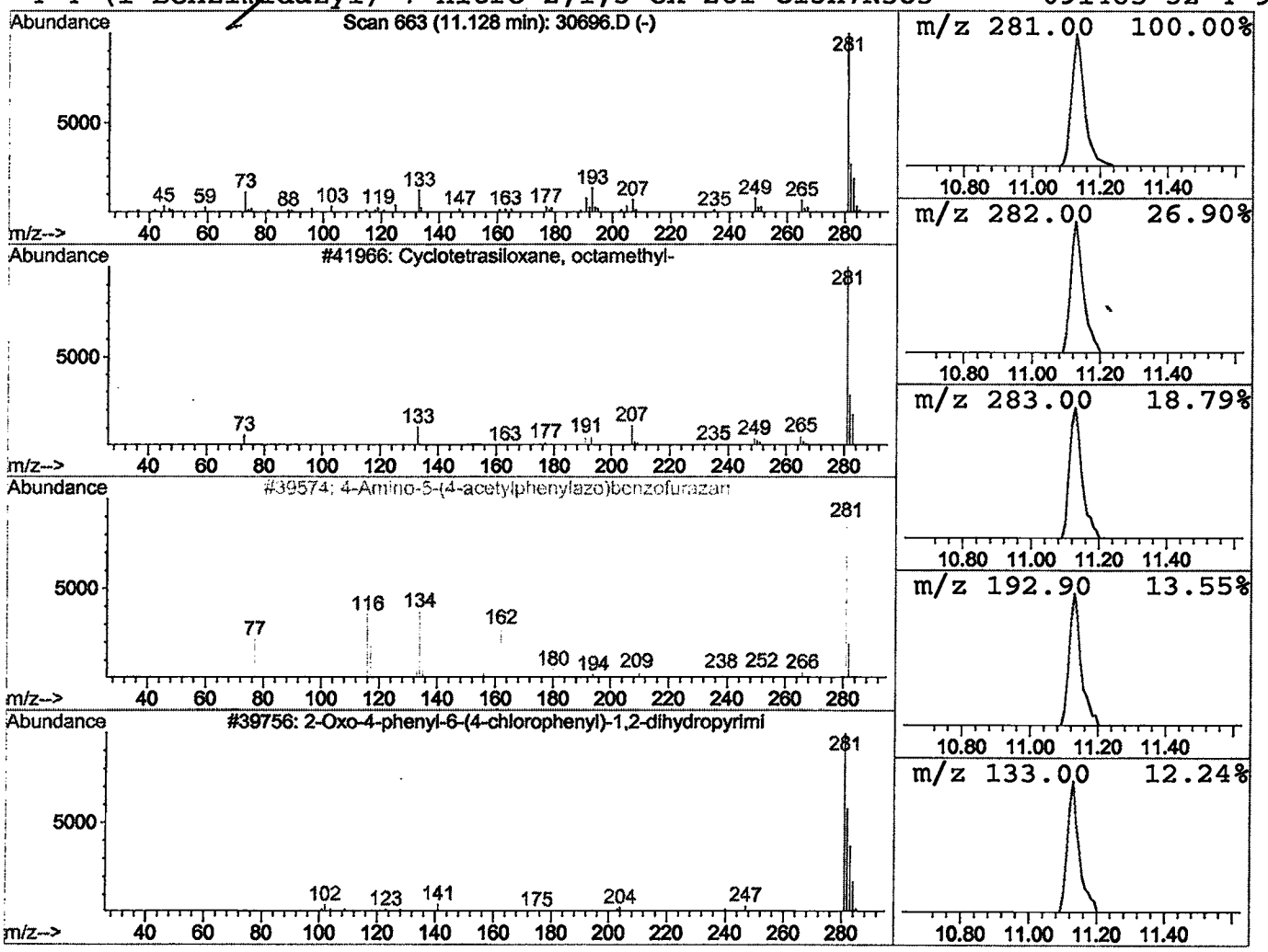
Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.43 ug/l	109102	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	4-Amino-5-(4-acetylphenylazo)benzof	281	C14H11N5O2	000000-00-0	50
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	4-(1-Benzimidazyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D
Acq On : 1 Jan 2002 7:57 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

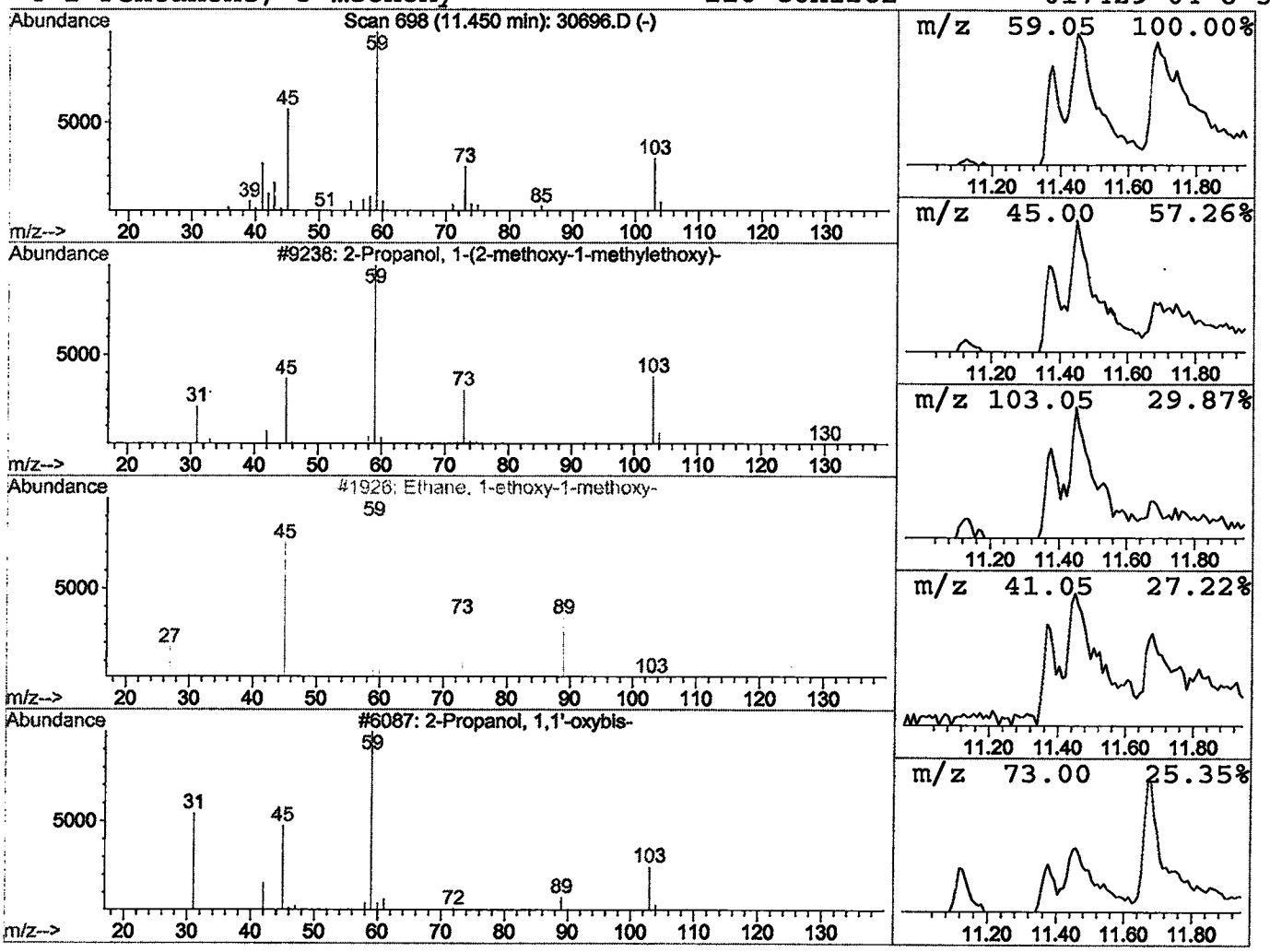
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	0.51 ug/l	129592	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	33



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Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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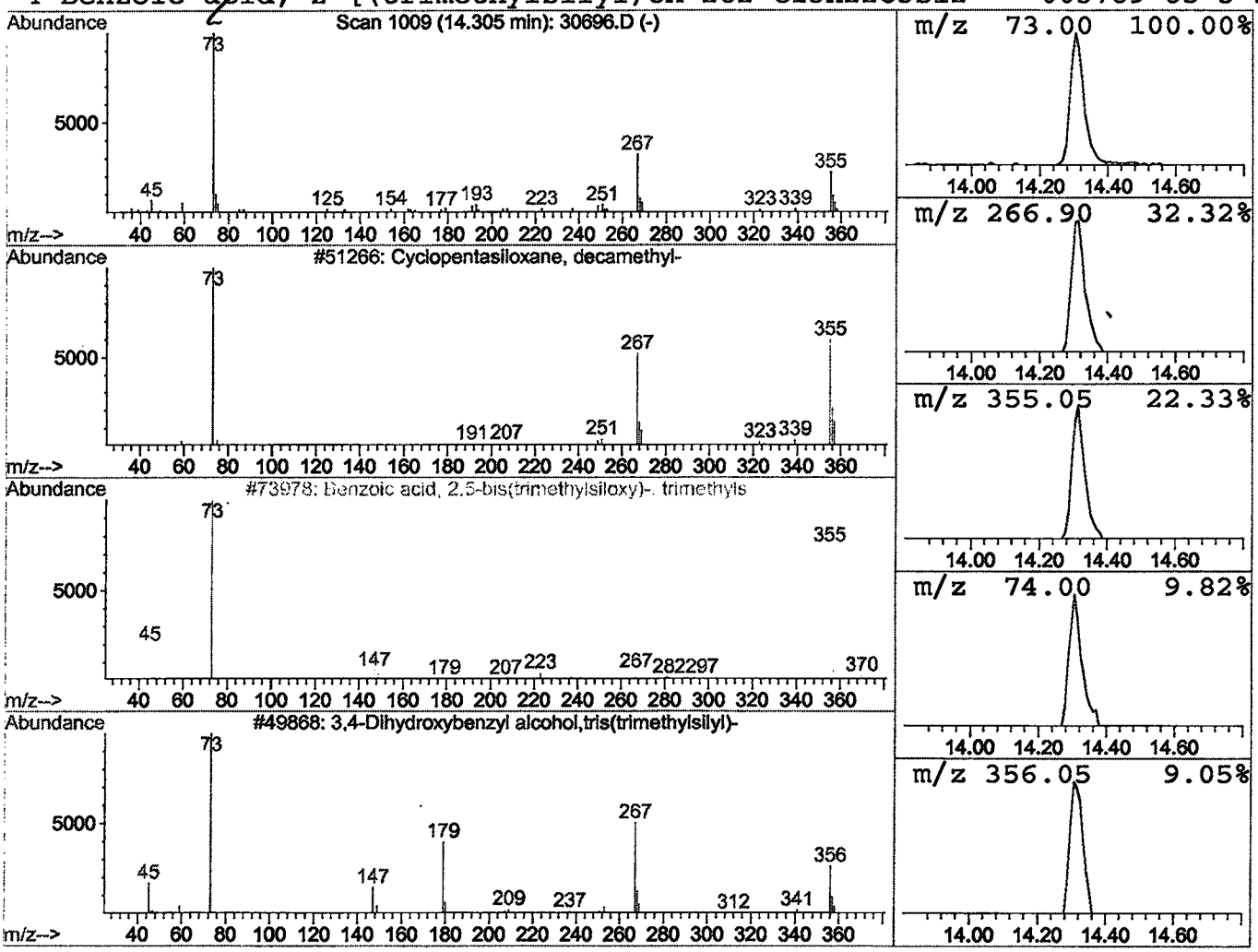
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	0.34 ug/l	102757	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	35



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Acq On : 1 Jan 2002 7:57 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
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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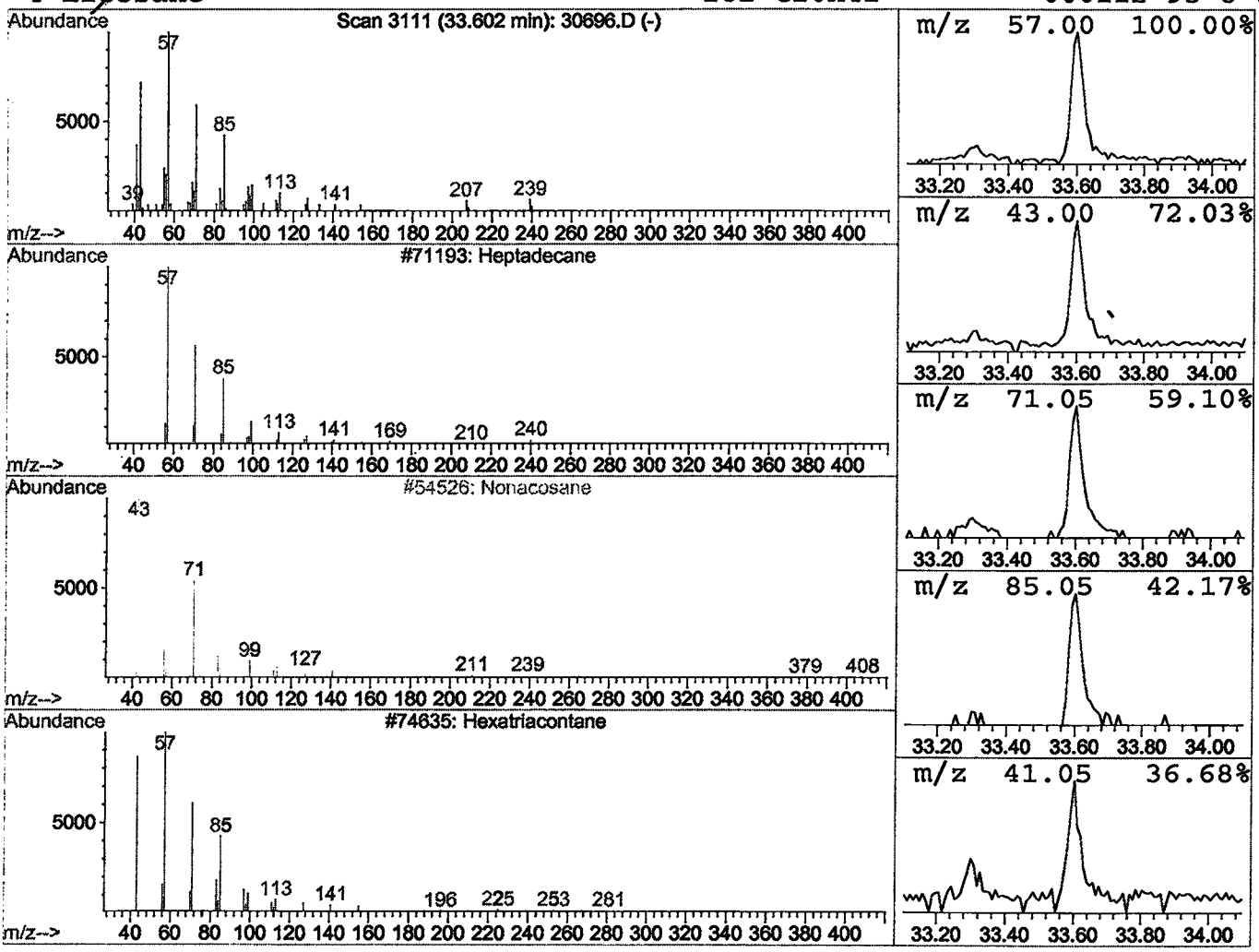
Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.60	0.35 ug/l	70652	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonacosane	408	C29H60	000630-03-5	90
3	Hexatriacontane	507	C36H74	000630-06-8	87
4	Eicosane	282	C20H42	000112-95-8	86

T.V. laboratory



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Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

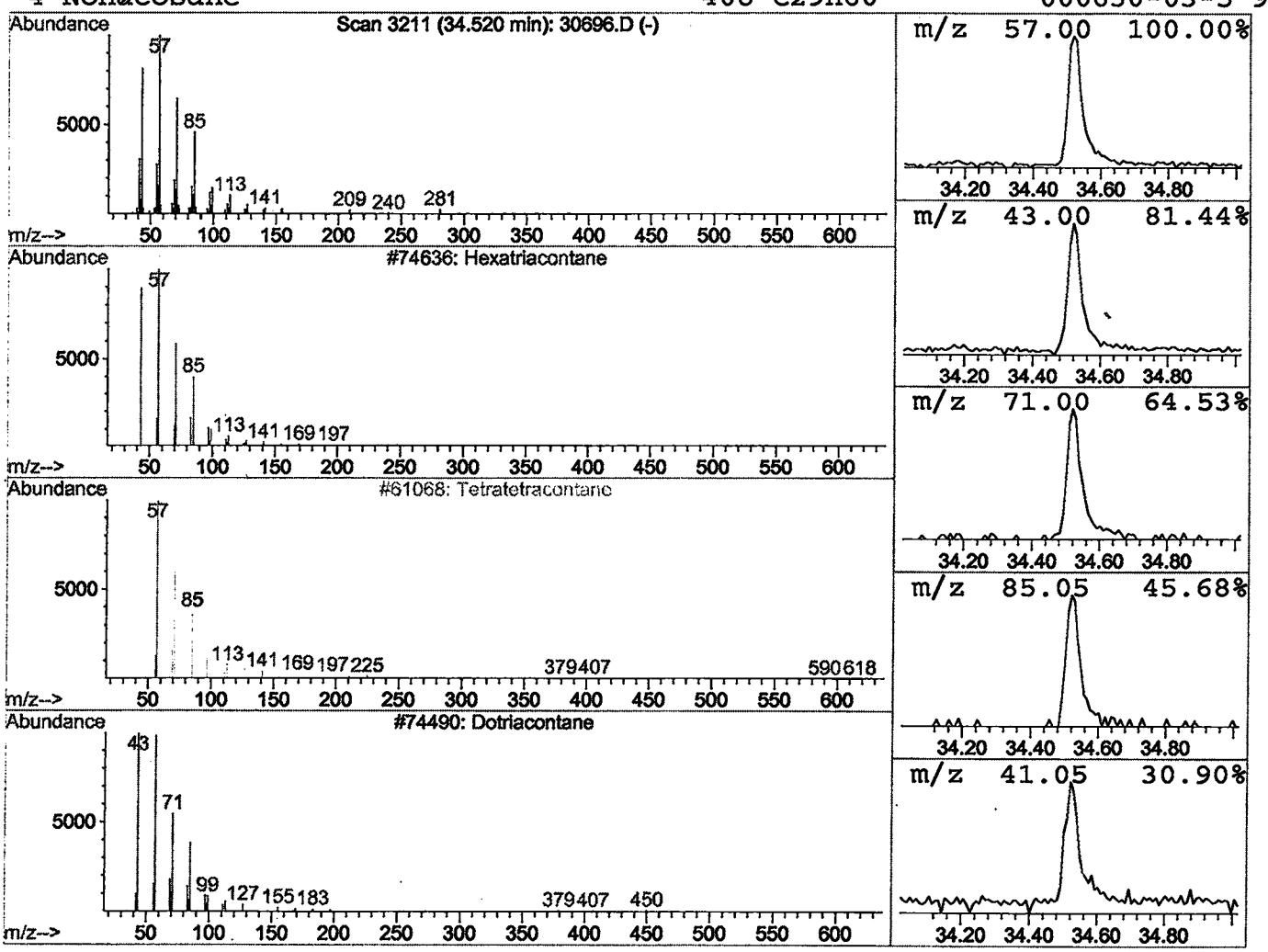
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.52	0.62 ug/l	124598	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Dotriacontane	451	C32H66	000544-85-4	91
4	Nonacosane	408	C29H60	000630-03-5	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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Library : C:\DATABASE\NBS75K.L

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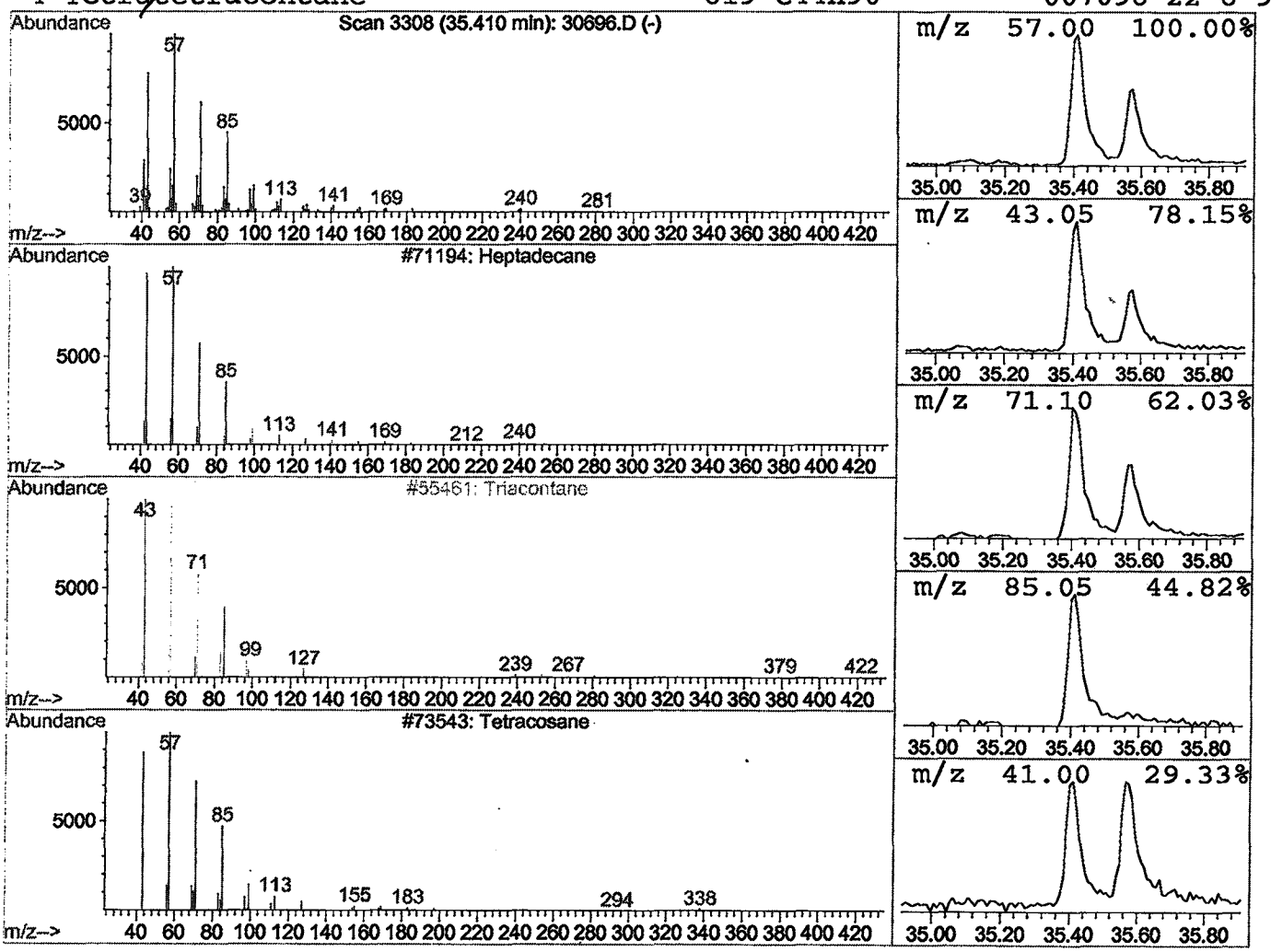
Peak Number 7 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.41	1.63 ug/l	229449	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 33
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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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Library : C:\DATABASE\NBS75K.L

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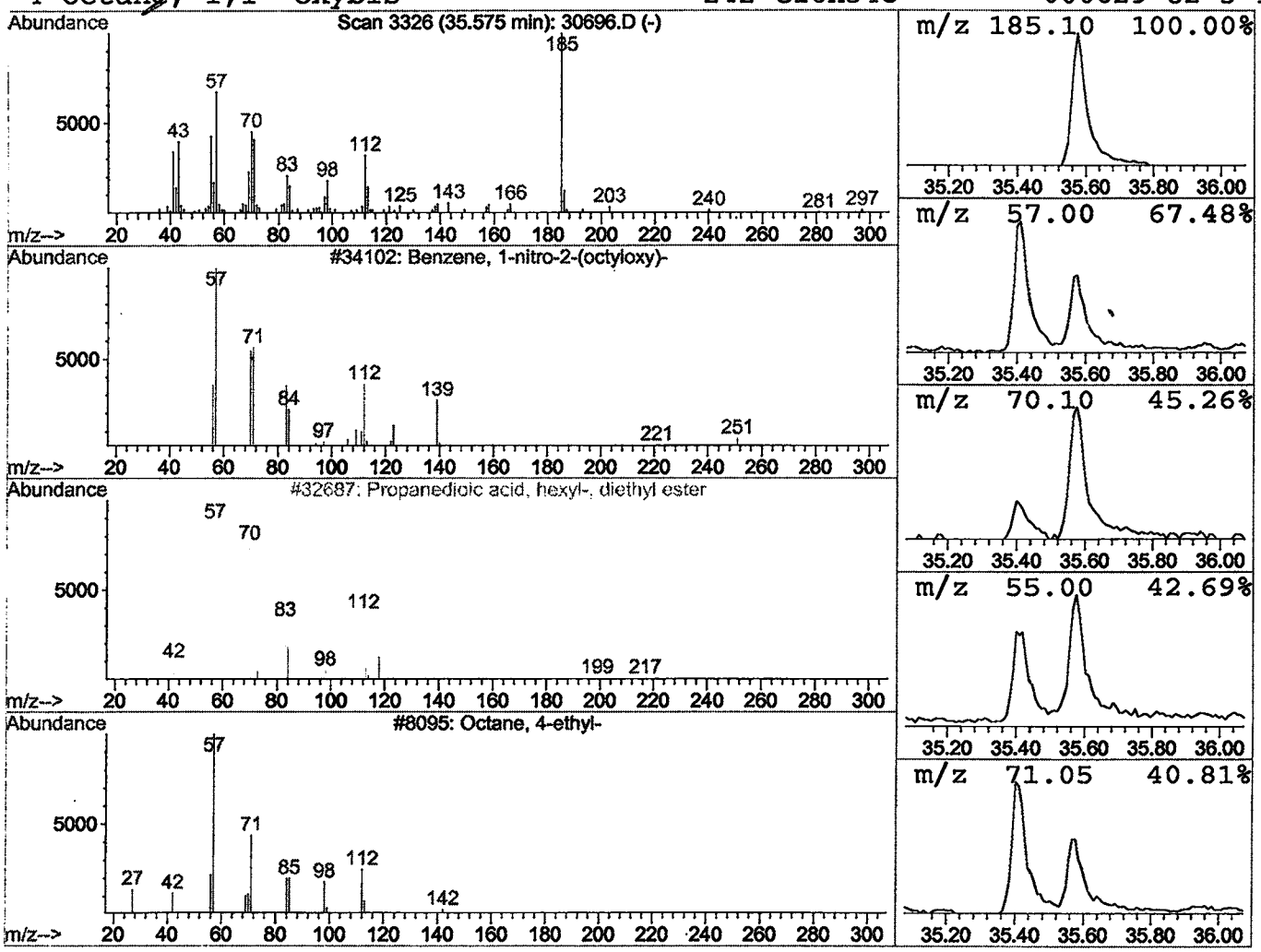
Peak Number 8 Benzene, 1-nitro-2-(octyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.58	1.58 ug/l	223162	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	32
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	27
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	14
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	10



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Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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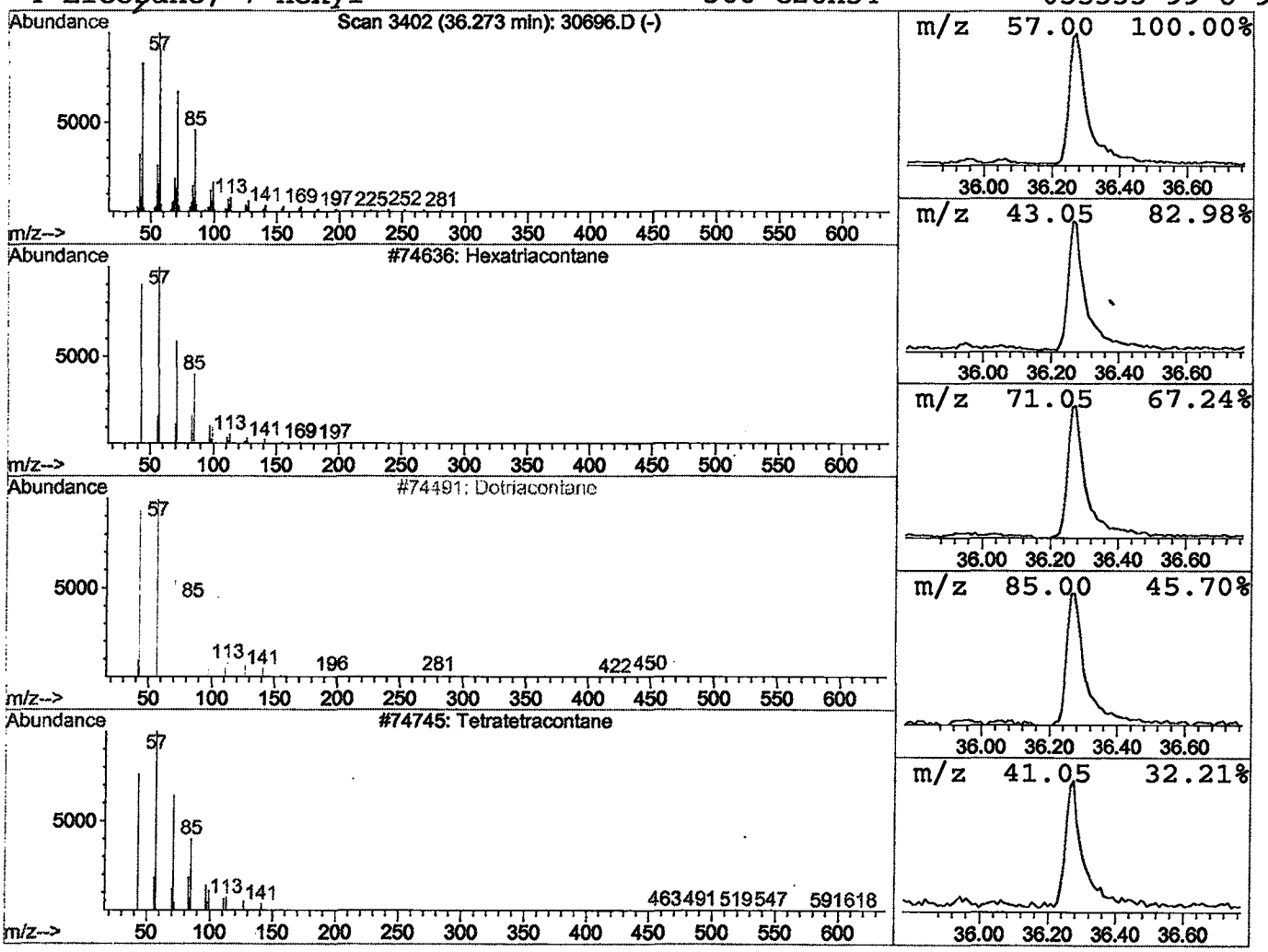
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Hexatriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.27	2.86 ug/l	403635	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Dotriacontane	451	C32H66	000544-85-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D
Acq On : 1 Jan 2002 7:57 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

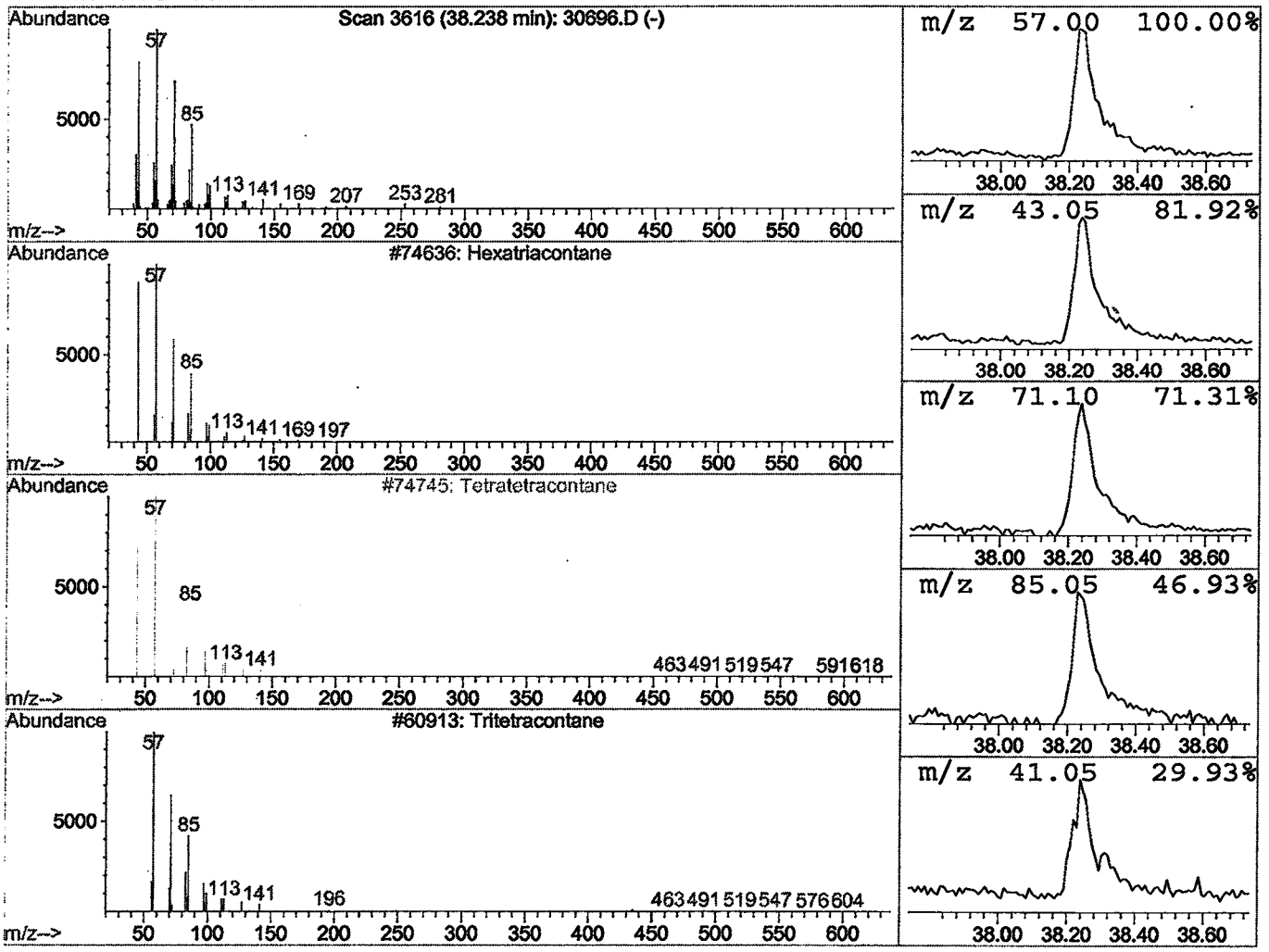
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Hexatriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.24	1.10 ug/l	154738	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Triacontane	422	C30H62	000638-68-6	87



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30696.D
Acq On : 1 Jan 2002 7:57 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 33
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

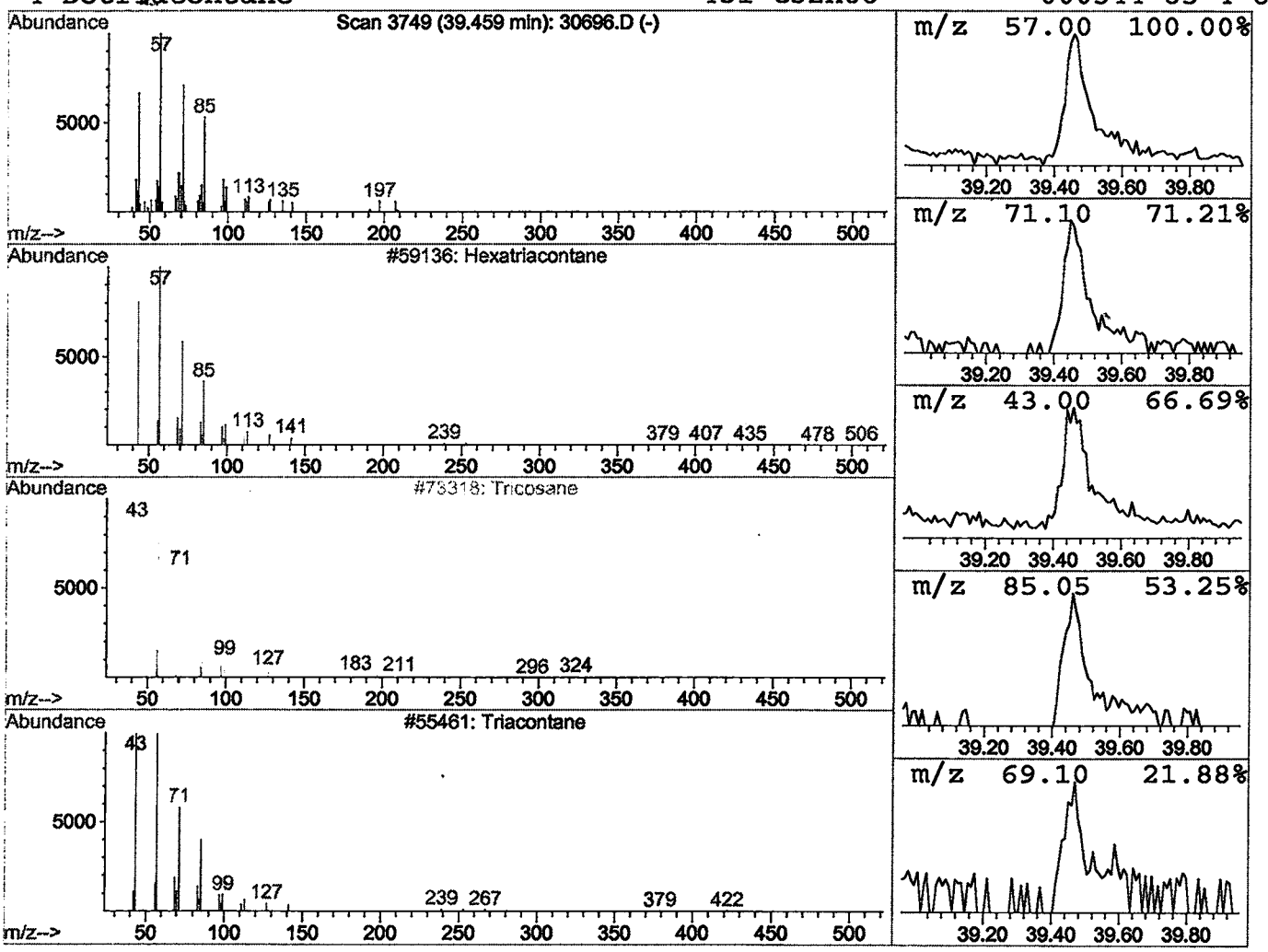
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 Hexatriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.46	0.54 ug/l	76761	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	83
2	Tricosane	324	C23H48	000638-67-5	80
3	Triacontane	422	C30H62	000638-68-6	80
4	Dotriacontane	451	C32H66	000544-85-4	80



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 7:57 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30696.D
Name: gcms scan 12/19
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
3-Pentanol, 3-methyl	7.61	3.7	ug/l	943062	ISTD01	11.67	5107480	20.0
Cyclotetrasiloxane,	11.13	0.4	ug/l	109102	ISTD01	11.67	5107480	20.0
2-Propanol, 1-(2-met	11.45	0.5	ug/l	129592	ISTD01	11.67	5107480	20.0
Cyclopentasiloxane,	14.30	0.3	ug/l	102757	ISTD02	15.28	6072120	20.0
Heptadecane	33.60	0.3	ug/l	70652	ISTD05	33.02	4039170	20.0
Hexatriacontane	34.52	0.6	ug/l	124598	ISTD05	33.02	4039170	20.0
Heptadecane	35.41	1.6	ug/l	229449	ISTD06	37.12	2823340	20.0
Benzene, 1-nitro-2-(	35.58	1.6	ug/l	223162	ISTD06	37.12	2823340	20.0
Hexatriacontane	36.27	2.9	ug/l	403635	ISTD06	37.12	2823340	20.0
Hexatriacontane	38.24	1.1	ug/l	154738	ISTD06	37.12	2823340	20.0
Hexatriacontane	39.46	0.5	ug/l	76761	ISTD06	37.12	2823340	20.0

30696.D GCMS1126.M Wed Jan 23 08:37:24 2002

Column bleed
T.V. Bleed
turbovap