User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/11/2002 Time: 16:05:18

Sample: AE02785
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/11/02 16:04 Ended: 3/11/02 16:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

Comments for Sample AE02785 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-11-2002 Time: 16:05:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2785.D Vial: 19
Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 5 10:34 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	12.32	152	340492	20.00	ug/l	-0.04
10) Naphthalene-d8	15.95	136	1318996	20.00	ug/l	-0.05
17) Acenaphthene-d10	21.27	164	706009	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	1021514	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	711642	20.00	ug/l	-0.07
44) Perylene-d12	38.06	264	498036	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	60992	5.72	ug/mL	0.30
Spiked Amount 5.000			Recovery = 114.40%			
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	16.01	128	504	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	22.74	149	613	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 : 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	25.72	178	267	N.D.	
34) Anthracene	25.72	178	267	N.D.	
35) Di-n-butylphthalate	27.68	149	19328	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	33.78	228	1704	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.99	149	3588	N.D.	
43) Chrysene	33.78	228	1704	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	38.06	252	1834	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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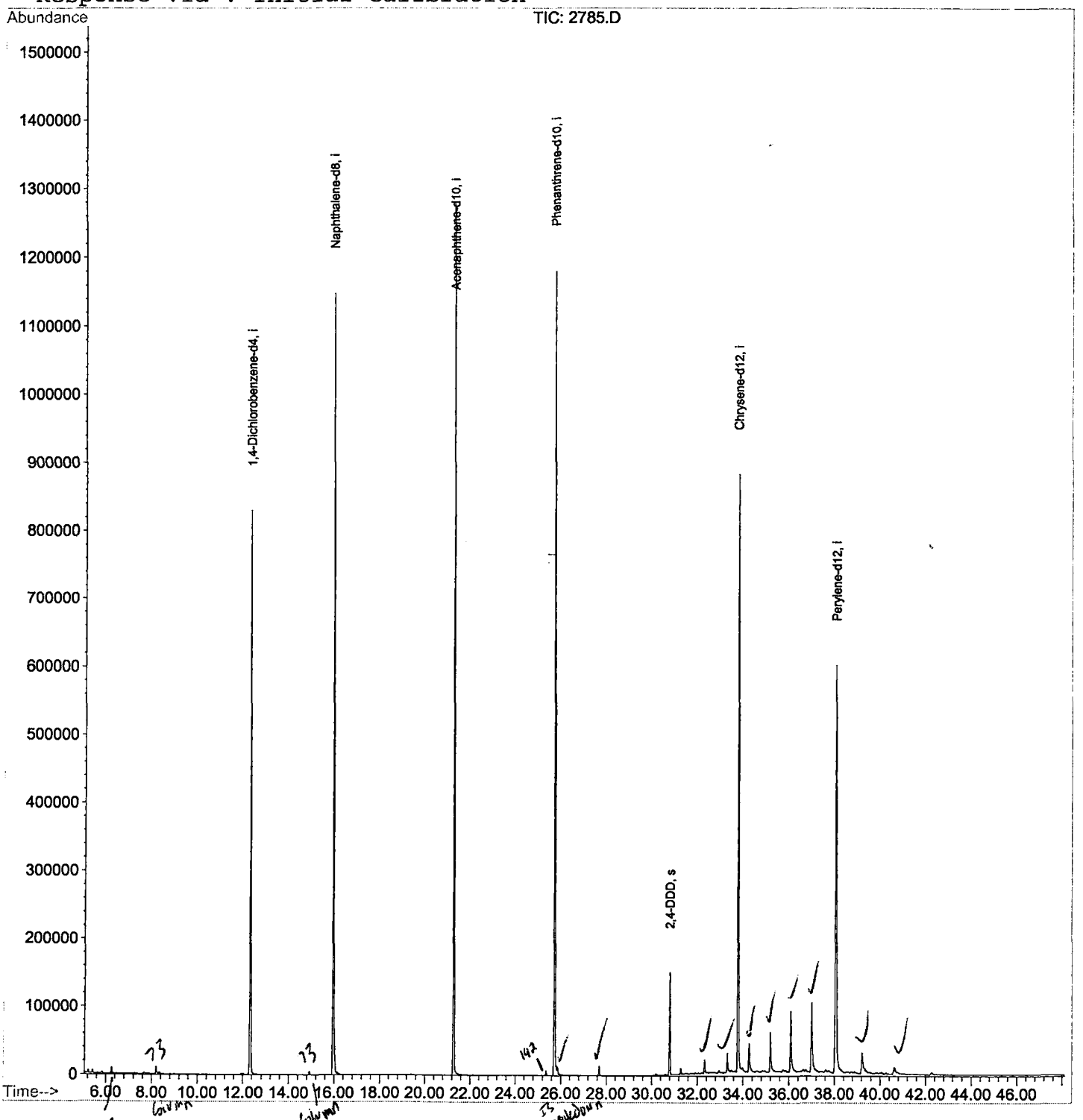


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2785.D Vial: 19
Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 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

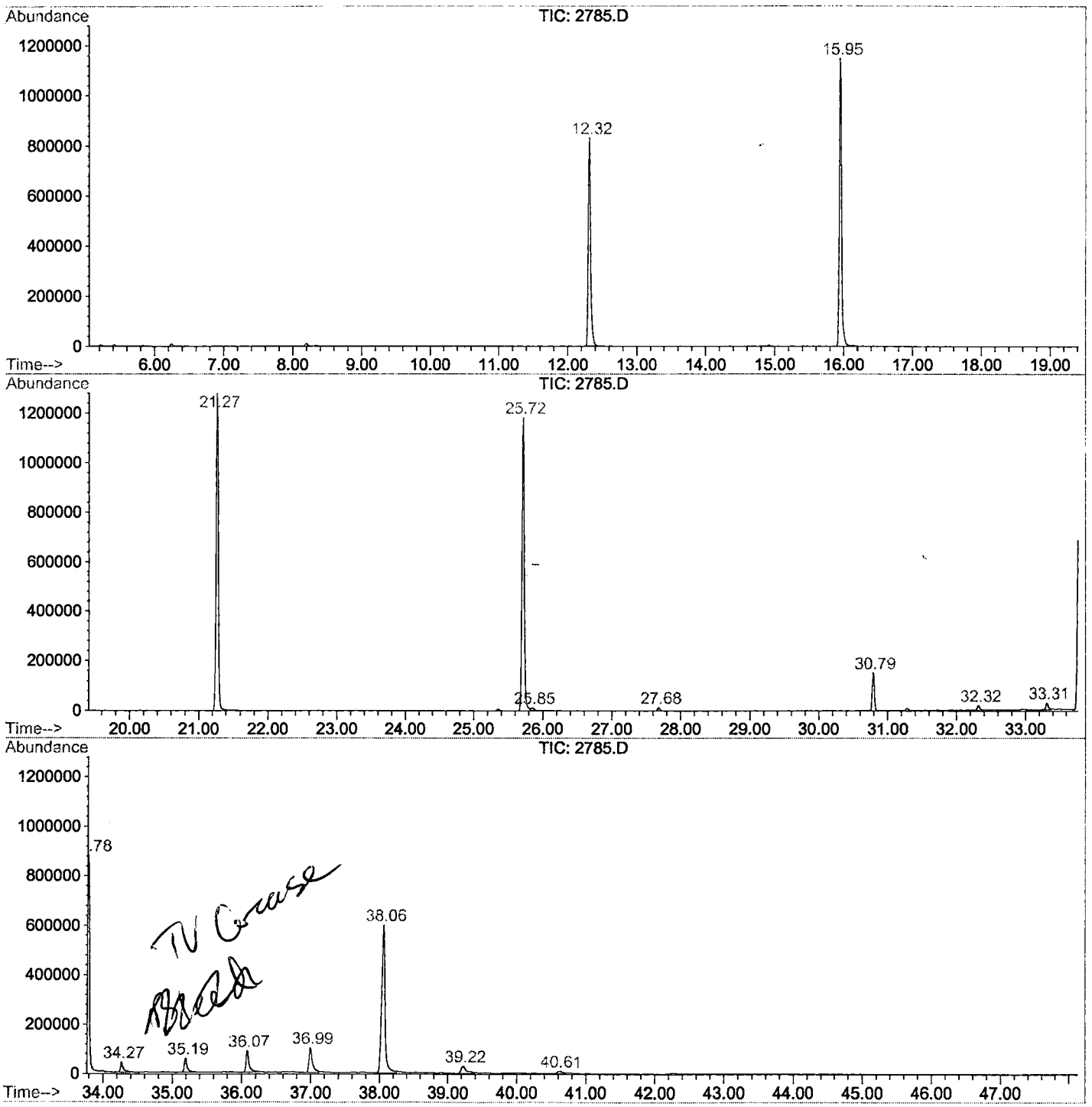
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.316	786	792	807	rVB	828857	1916918	68.59%	12.109%
2	15.951	1182	1188	1205	rBV	1147693	2560772	91.63%	16.176%
3	21.266	1761	1767	1792	rBV	1281139	2794605	100.00%	17.653%
4	25.719	2245	2252	2263	rBV2	1181371	2695942	96.47%	17.030%
5	25.847	2263	2266	2273	rVB	11057	30145	1.08%	0.190%
6	27.683	2461	2466	2475	rBV	13561	29104	1.04%	0.184%
7	30.786	2799	2804	2812	rBV	149589	319120	11.42%	2.016%
8	32.320	2965	2971	2979	rBV	19525	50886	1.82%	0.321%
9	33.311	3074	3079	3086	rBV	28076	72545	2.60%	0.458%
10	33.779	3123	3130	3150	rBV2	878147	2176493	77.88%	13.749%
11	34.266	3177	3183	3197	rBV2	41351	122444	4.38%	0.773%
12	35.193	3279	3284	3301	rBV	57270	169235	6.06%	1.069%
13	36.074	3375	3380	3394	rBV	87894	265655	9.51%	1.678%
14	36.992	3474	3480	3494	rBV	100787	339292	12.14%	2.143%
15	38.057	3584	3596	3617	rBV2	599083	2065746	73.92%	13.049%
16	39.223	3716	3723	3742	rBV2	29616	164668	5.89%	1.040%
17	40.609	3867	3874	3885	rBV5	10165	56755	2.03%	0.359%

Sum of corrected areas: 15830325

2785.D GCMS0208.M Tue Mar 05 10:50:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2785.D
Operator :
Acquired : 2 Mar 2002 2:03 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/6
Misc Info :
Vial Number: 19
Quant File :GCMS0208.RES (RTE Integrator)



2785.D GCMS0208.M Tue Mar 05 10:50:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2785.D Vial: 19
Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

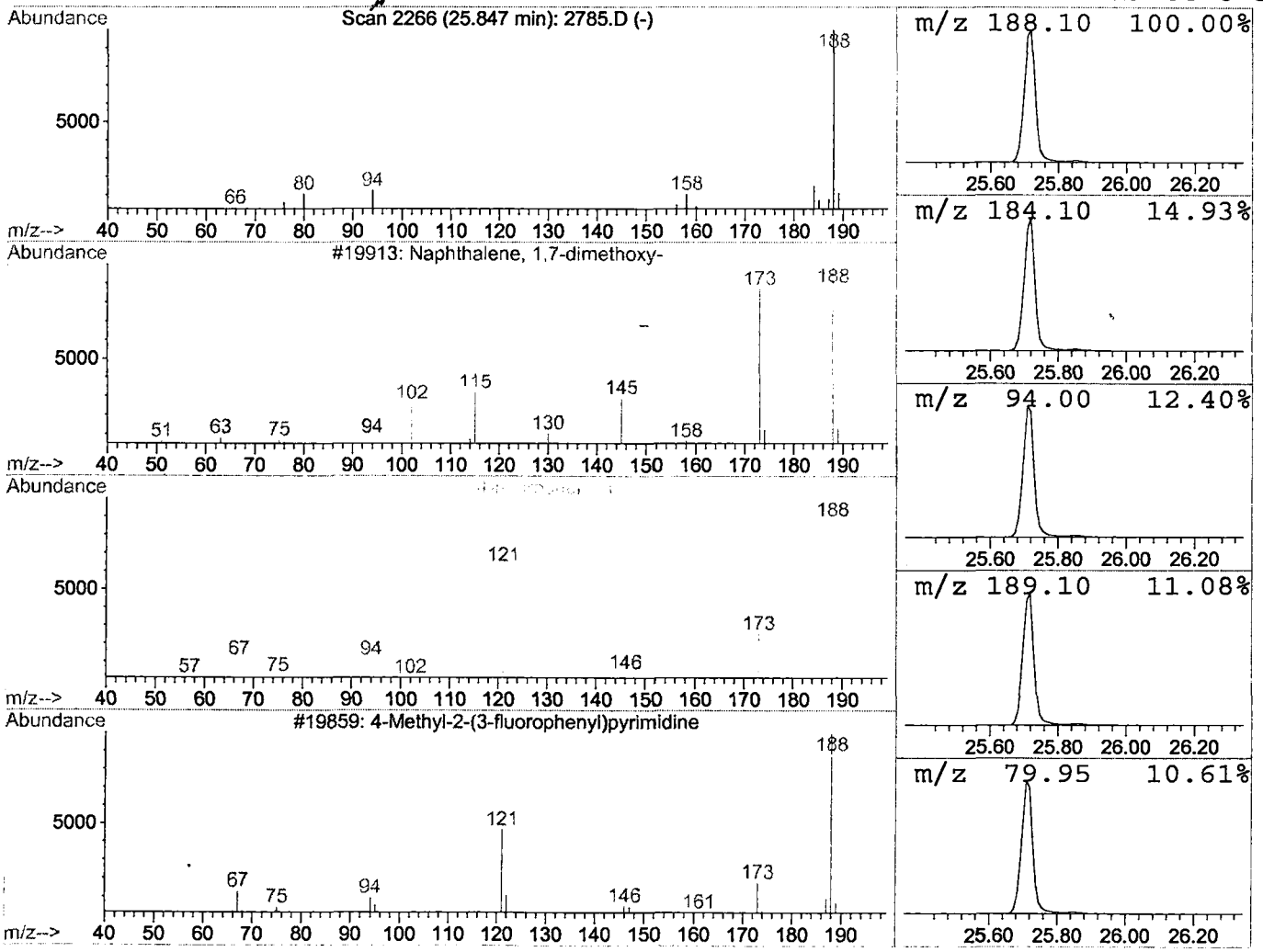
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Naphthalene, 1,7-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.22 ug/l	30145	Phenanthrene-d10	25.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	59
2	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	53
3	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	53
4	Anthracene-d10	188	C14D10	001719-06-8	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2785.D Vial: 19
Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

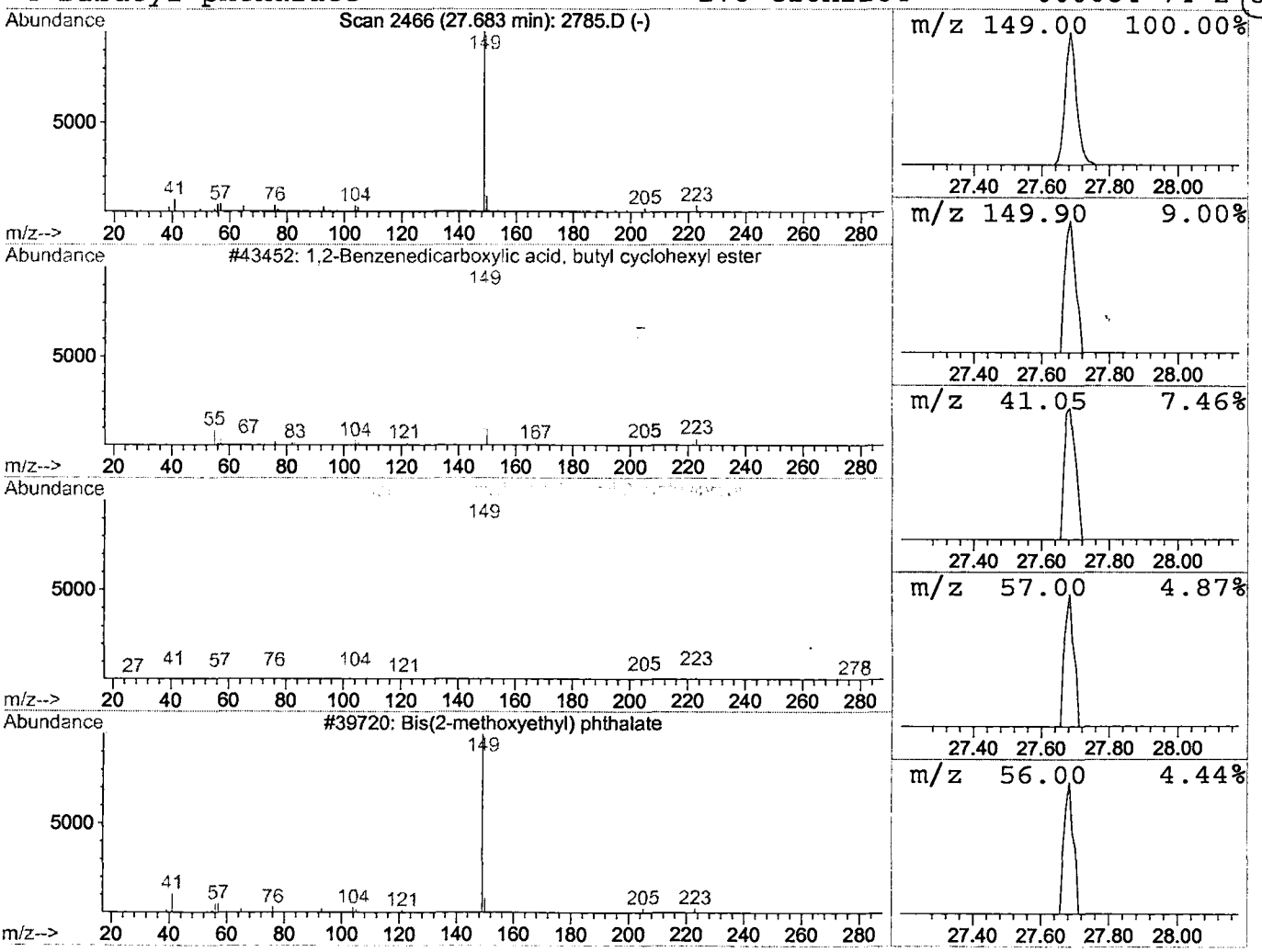
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,2-Benzenedicarboxylic acid, Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.68	0.22 ug/l	29104	Phenanthrene-d10	25.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, butyl	304	C18H24O4	000084-64-0	83
2	1,2-Benzenedicarboxylic acid, butyl	278	C16H22O4	017851-53-5	83
3	Bis(2-methoxyethyl) phthalate	282	C14H18O6	000117-82-8	83
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2785.D Vial: 19
Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 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

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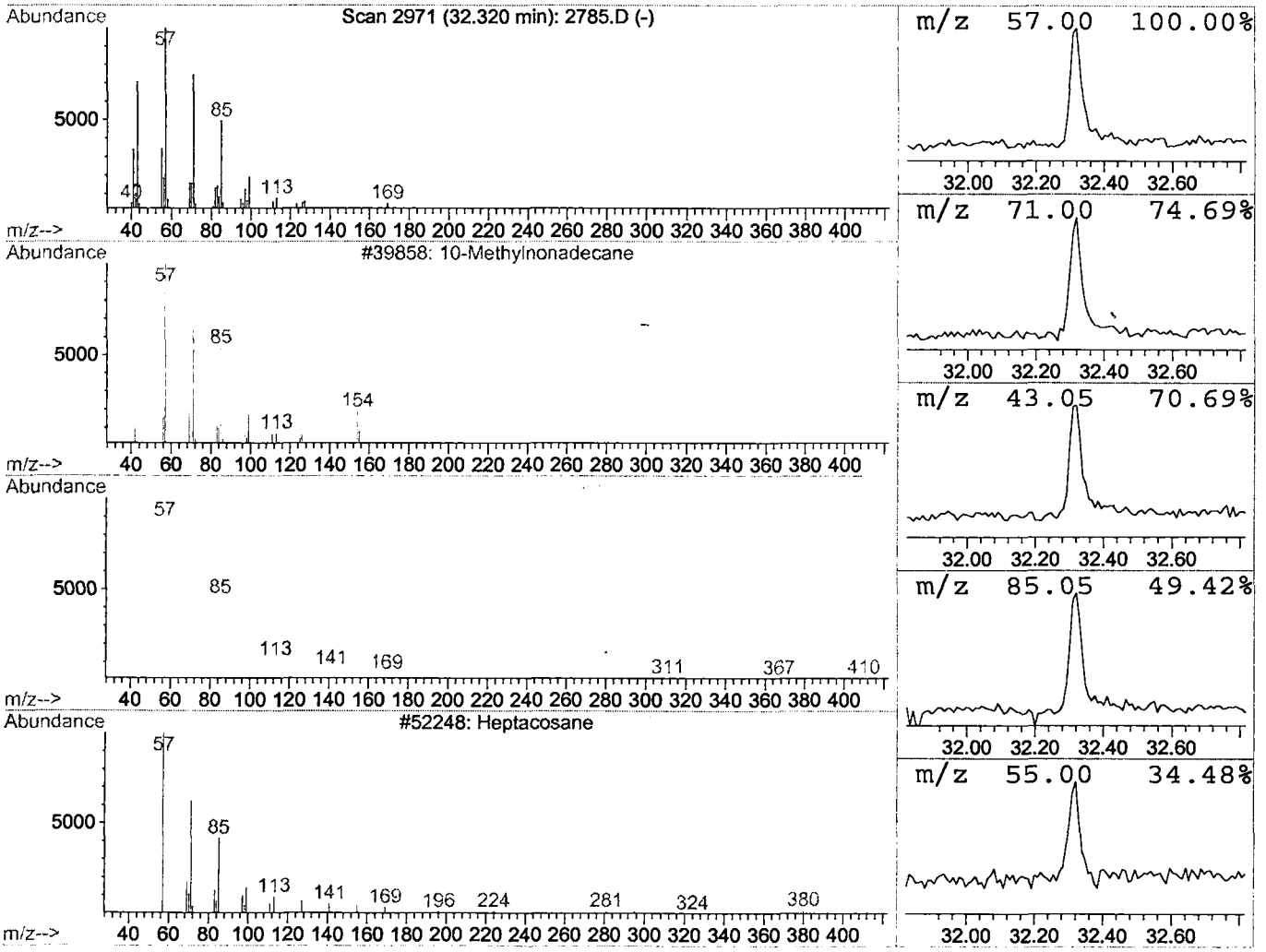
Peak Number 3 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.32	0.47 ug/l	50886	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	000000-00-0	90
2	Tetratriacontane	479	C34H70	014167-59-0	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tricosane	324	C23H48	000638-67-5	86



Library Search Compound Report

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Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

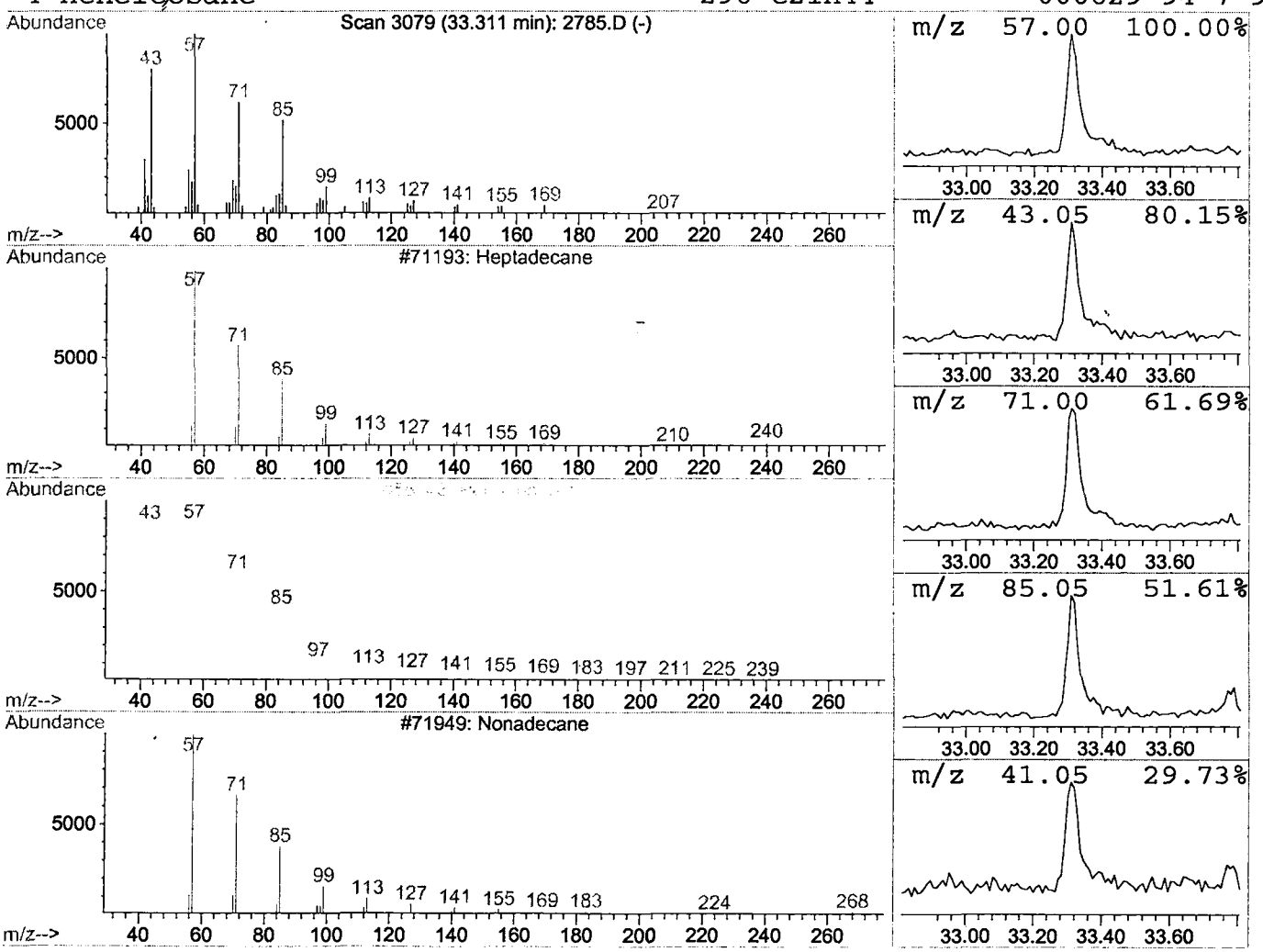
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.31	0.67 ug/l	72545	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentatriacontane	493	C35H72	000630-07-9	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90



Library Search Compound Report

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Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
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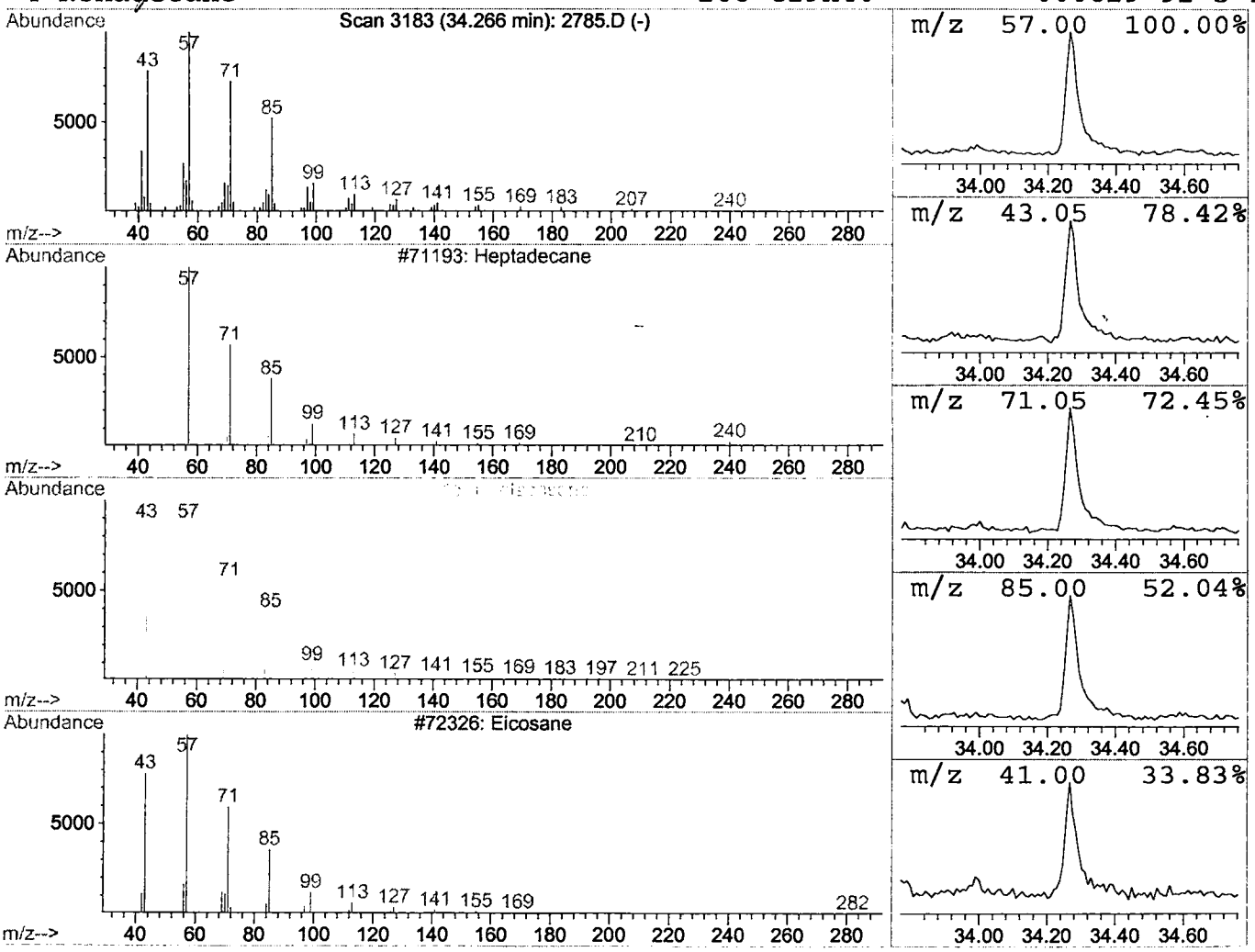
****

Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.27	1.13 ug/l	122444	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Nonadecane	268	C19H40	000629-92-5	91

TV great



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Acq On : 2 Mar 2002 2:03 am Operator:
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MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
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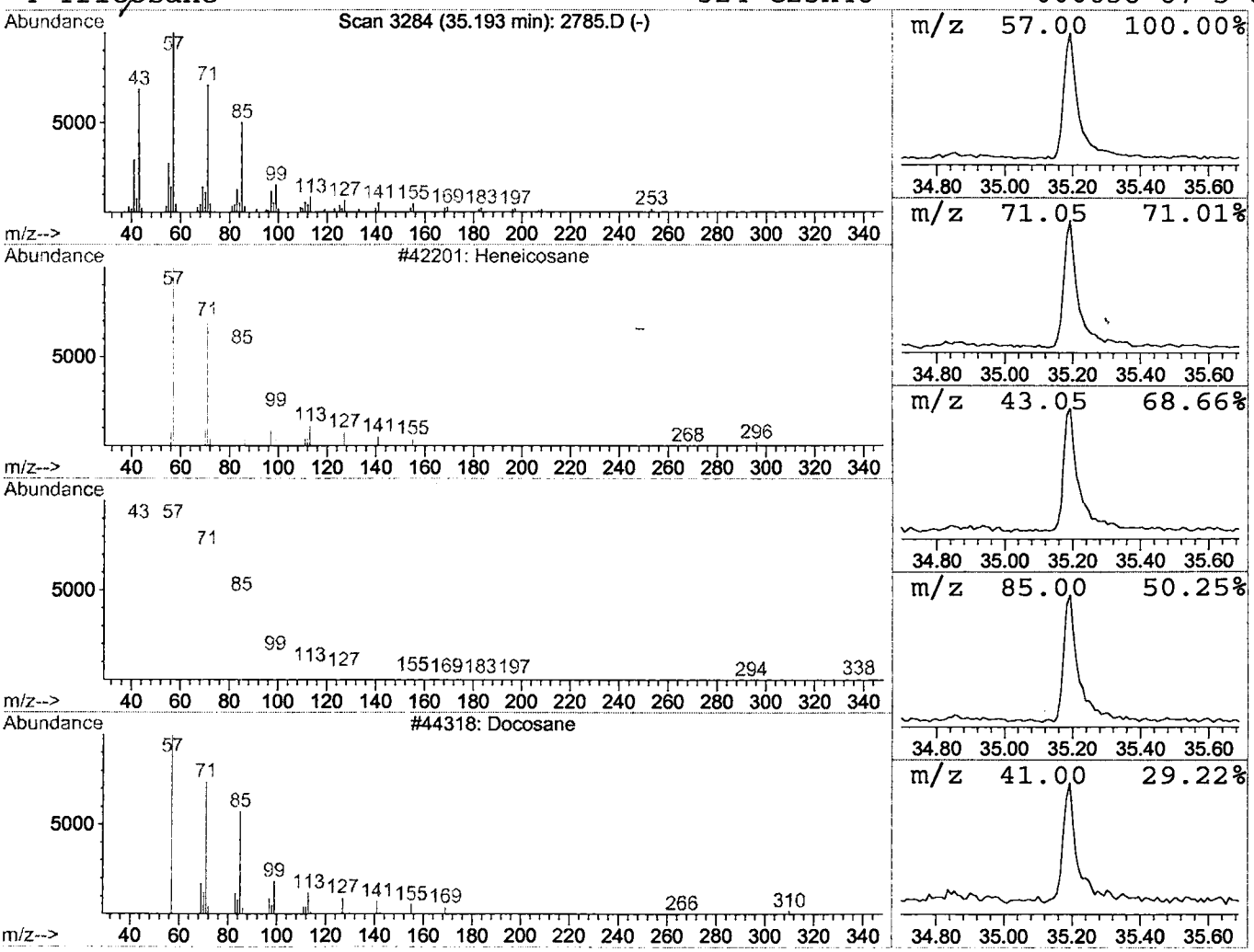
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.19	1.56 ug/l	169235	Chrysene-d12	33.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane	310	C22H46	000629-97-0	90
4	Tricosane	324	C23H48	000638-67-5	87



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Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
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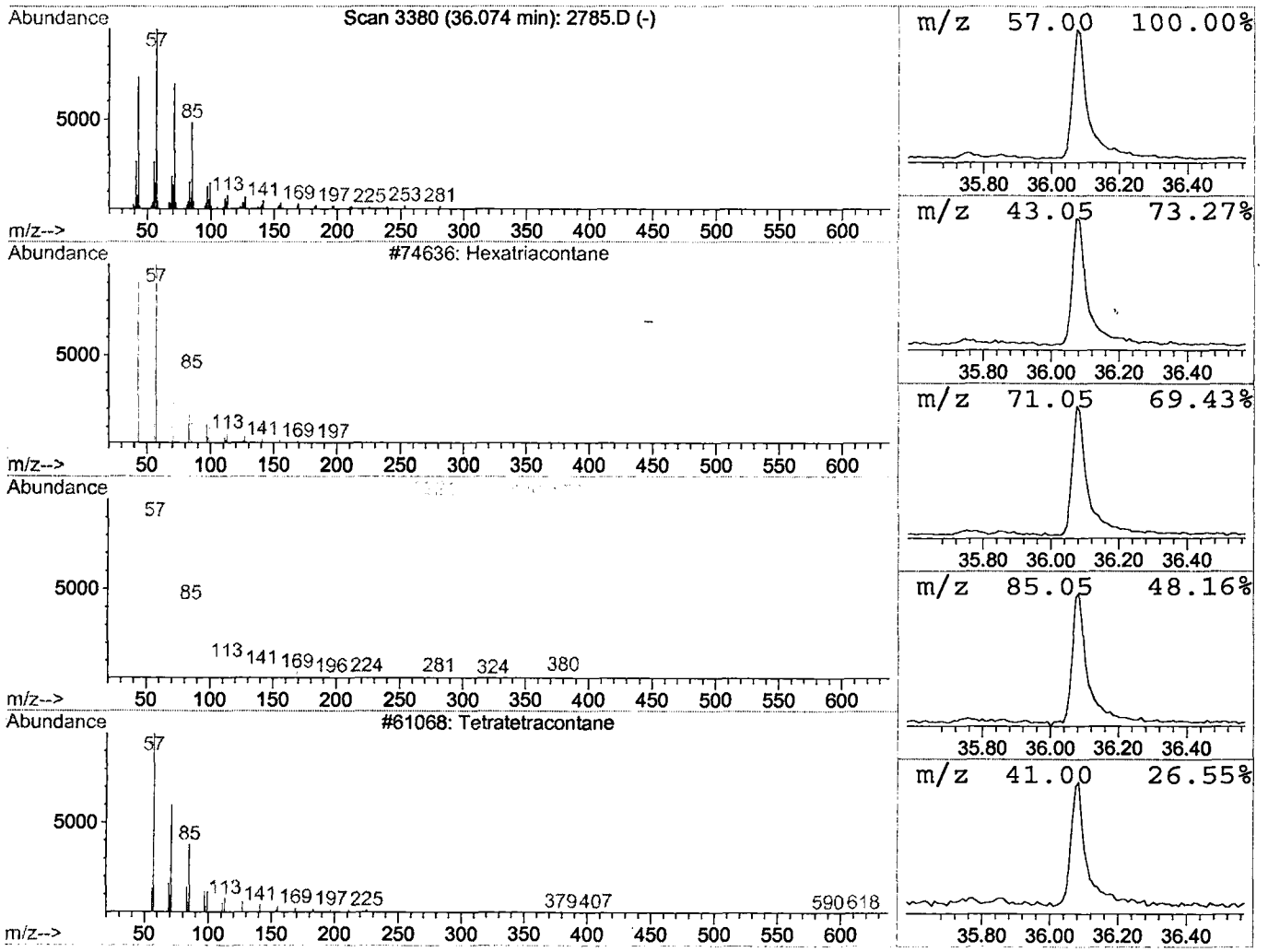
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Hexatriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.07	2.57 ug/l	265655	Perylene-d12	38.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Pentacosane	352	C25H52	000629-99-2	91



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Sample : gc/ms scan 2/6 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

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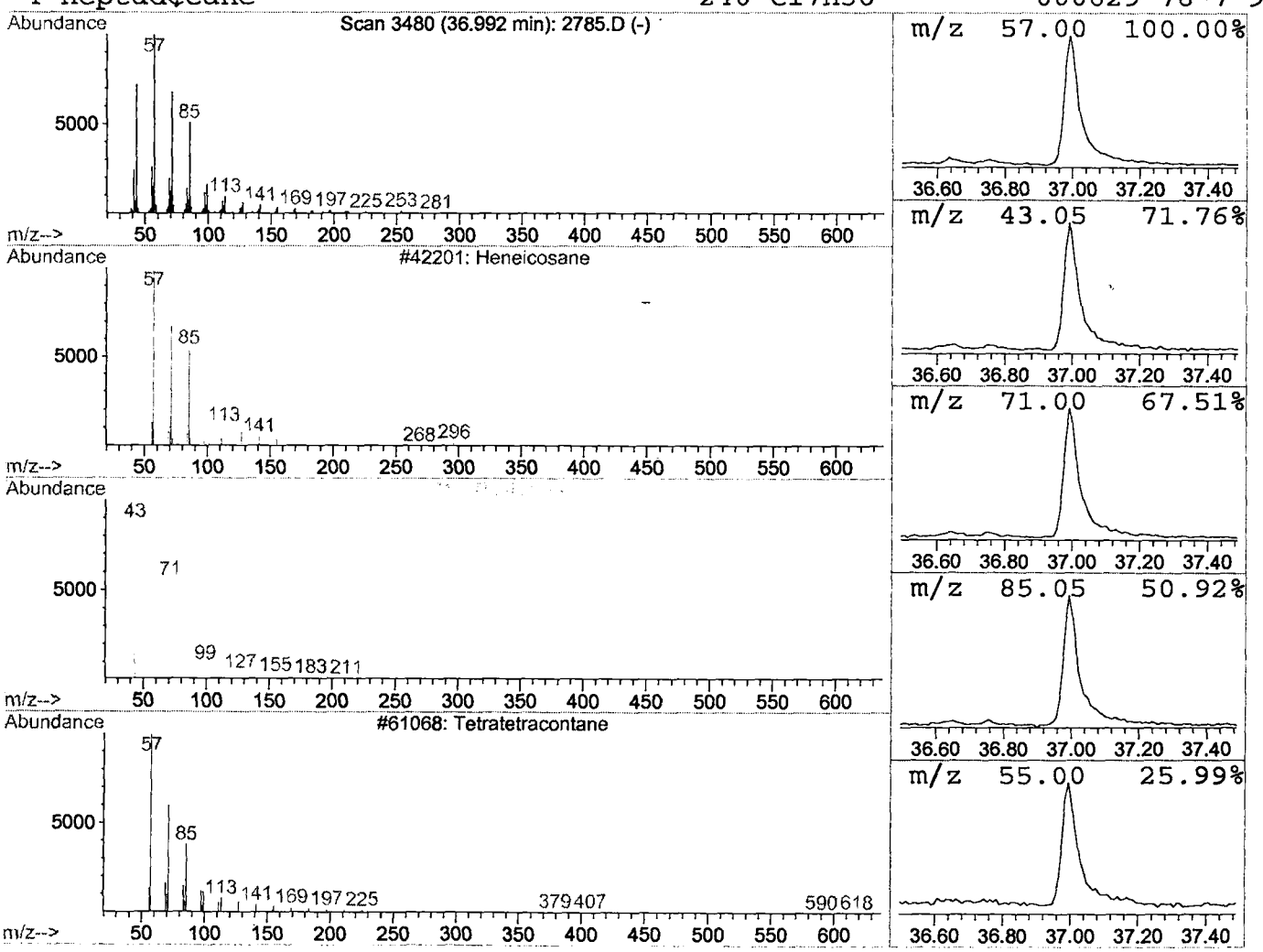
Peak Number 8 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.99	3.28 ug/l	339292	Perylene-d12	38.06

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

TV grease



Library Search Compound Report

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Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

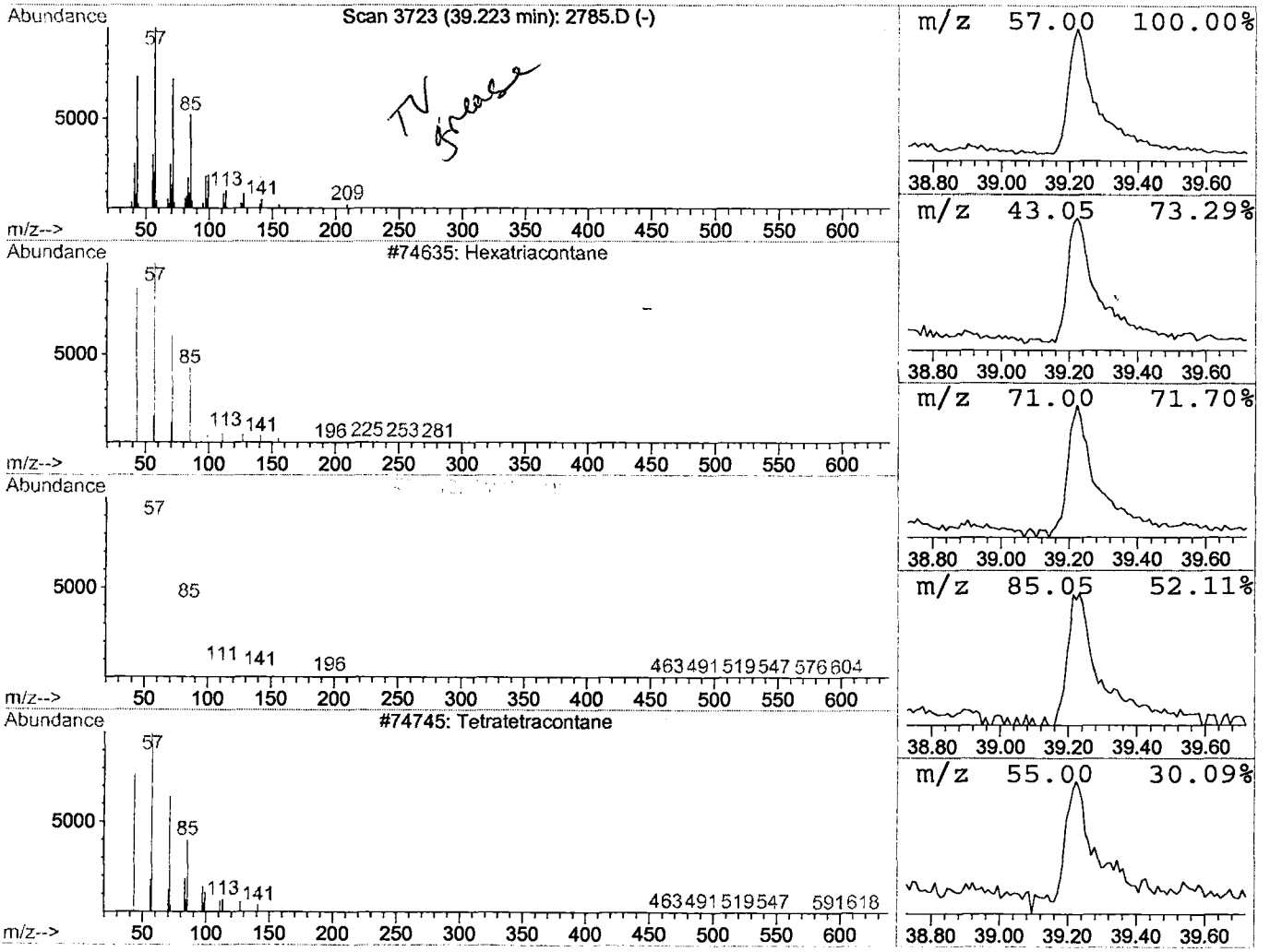
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Hexatriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.22	1.59 ug/l	164668	Perylene-d12	38.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Nonacosane	408	C29H60	000630-03-5	90



Library Search Compound Report

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Acq On : 2 Mar 2002 2:03 am Operator:
Sample : gc/ms scan 2/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

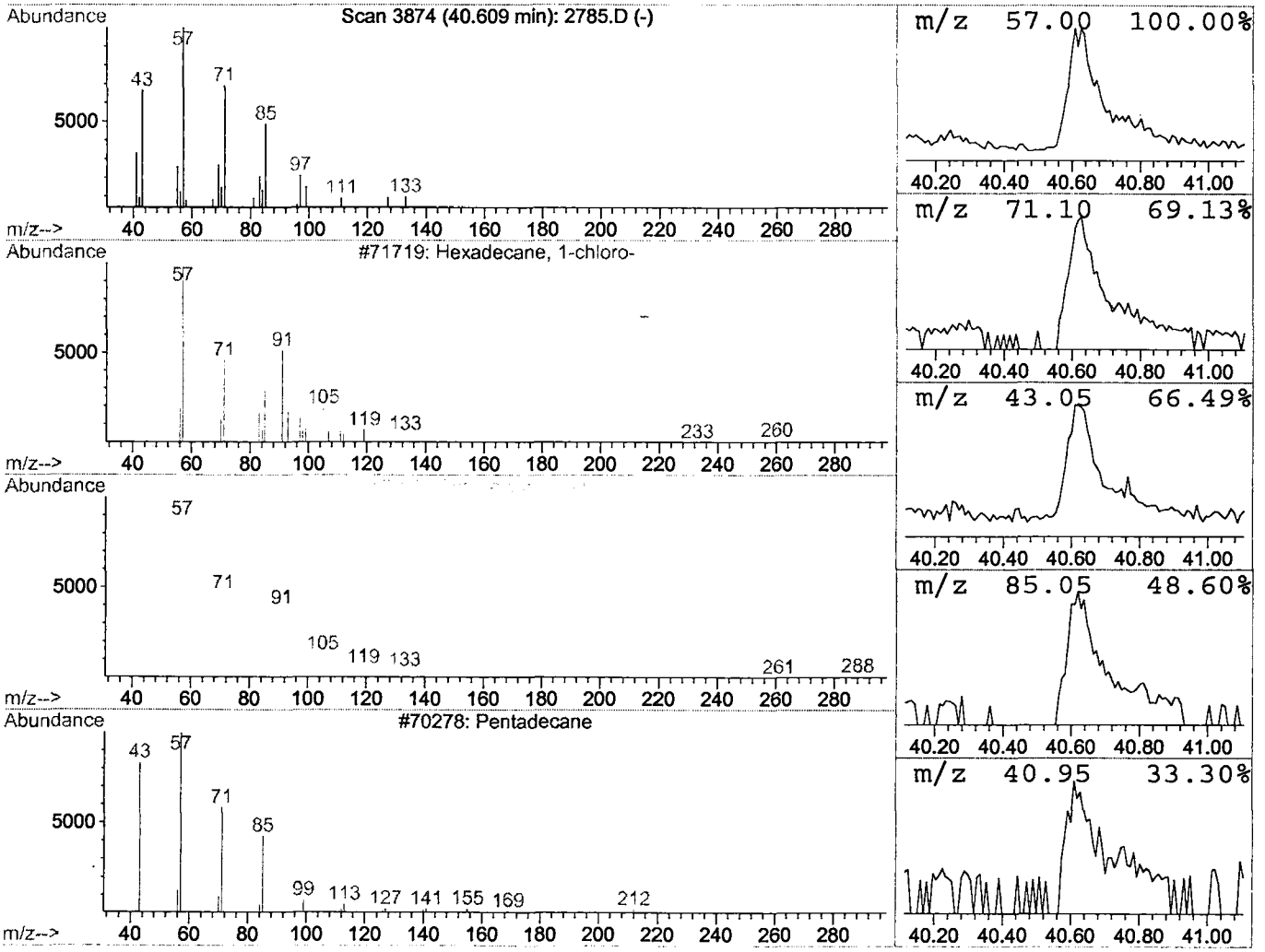
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Hexadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.61	0.55 ug/l	56755	Perylene-d12	38.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	72
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	56
3	Pentadecane	212	C15H32	000629-62-9	47
4	Pentacosane	352	C25H52	000629-99-2	45



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Mar 2002 2:03 am
Data File: C:\HPCHEM\1\DATA\MAR0102\2785.D
Name: gc/ms scan 2/6
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
Naphthalene, 1,7-dim	25.85	0.2	ug/l	30145	ISTD04	25.72	2695940	20.0
1,2-Benzenedicarboxy	27.68	0.2	ug/l	29104	ISTD04	25.72	2695940	20.0
10-Methylnonadecane	32.32	0.5	ug/l	50886	ISTD05	33.78	2176490	20.0
Heptadecane	33.31	0.7	ug/l	72545	ISTD05	33.78	2176490	20.0
Heptadecane	34.27	1.1	ug/l	122444	ISTD05	33.78	2176490	20.0
Heneicosane	35.19	1.6	ug/l	169235	ISTD05	33.78	2176490	20.0
Hexatriacontane	36.07	2.6	ug/l	265655	ISTD06	38.06	2065750	20.0
Heneicosane	36.99	3.3	ug/l	339292	ISTD06	38.06	2065750	20.0
Hexatriacontane	39.22	1.6	ug/l	164668	ISTD06	38.06	2065750	20.0
Hexadecane, 1-chloro	40.61	0.5	ug/l	56755	ISTD06	38.06	2065750	20.0

2785.D GCMS0208.M Tue Mar 05 10:51:09 2002

Library Searched : C:\DATABASE\nbs75k.l
Quality : 9
ID : Methanethioamide, N,N-dimethyl-