User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:34:32

Sample: AE09770
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:34 Ended: 5/15/02 14:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE09770 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 14:35:16

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

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:35:18

Sample: AE09770
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:34 Ended: 5/15/02 14:34 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 11:58 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	577284	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	2089923	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.11	164	1154520	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1559802	40.00	ug/l	-0.02
38) Chrysene-d12	33.61	240	999470	40.00	ug/l	-0.02
44) Perylene-d12	37.85	264	667940	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.25	209	159637	27.80	ug/L	-0.02
Spiked Amount 40.000			Recovery = 69.50%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.39	77	669	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	15.85	128	678	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	22.59	149	1389	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.25	168	374	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.61	178	869	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 11:58 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.61	178	869	N.D.	
36)	Di-n-butylphthalate	27.52	149	3777	N.D.	
37)	Fluoranthene	29.23	202	1164	N.D.	
39)	Pyrene	29.92	202	1868	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	2589	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.84	149	15502	0.68 ug/l	96
43)	Chrysene	33.69	228	343	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	37.86	252	2451	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.	

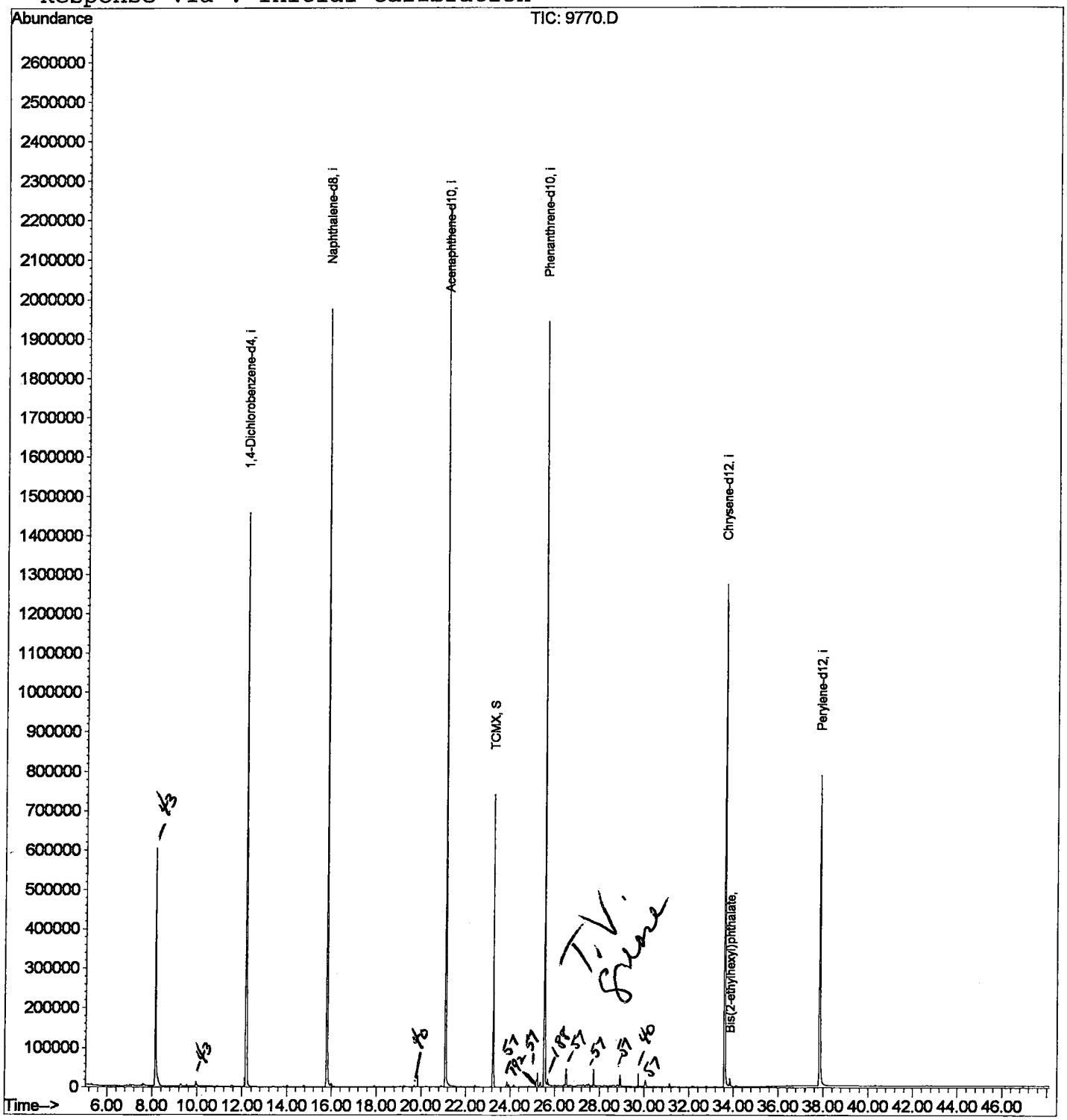
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D
Acq On : 10 May 2002 11:47 pm
Sample : GC/MS SCAN 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 13 11:58 2002

Vial: 12
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

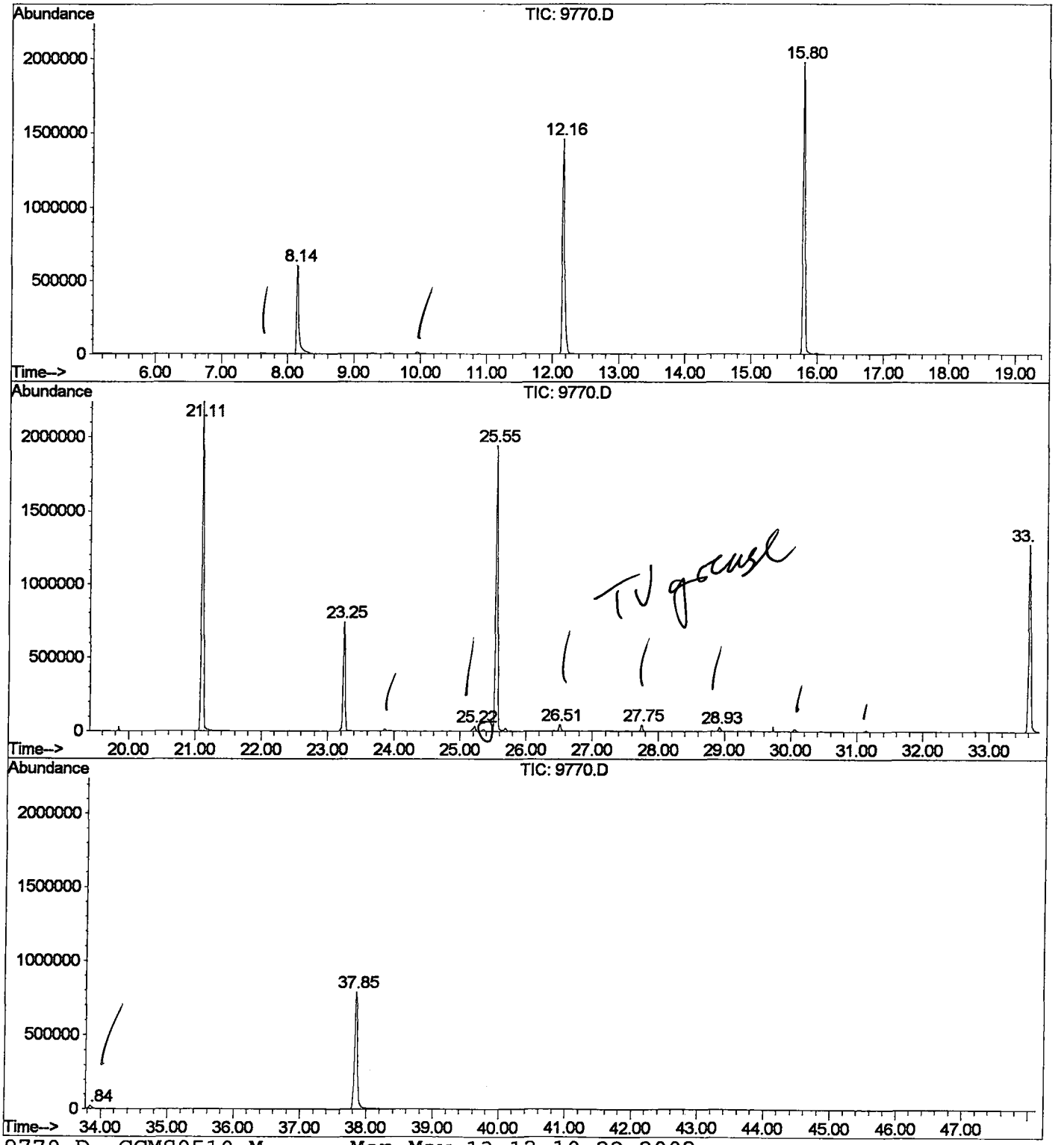
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.140	334	338	366	rBV	601746	1409892	30.44%	5.659%
2	12.163	771	777	796	rBV	1455634	3288376	71.00%	13.199%
3	15.801	1167	1174	1190	rBV	1974953	4121298	88.98%	16.542%
4	21.106	1746	1753	1776	rBV	2239902	4631716	100.00%	18.591%
5	23.251	1978	1987	1995	rBV	739929	1550426	33.47%	6.223%
6	25.221	2190	2202	2208	rBV3	35770	97622	2.11%	0.392%
7	25.551	2231	2238	2249	rBV2	1941390	4186594	90.39%	16.805%
8	26.513	2337	2343	2350	rBV	44165	90351	1.95%	0.363%
9	27.750	2473	2478	2486	rVB	42169	81036	1.75%	0.325%
10	28.932	2600	2607	2612	rBV	28688	60270	1.30%	0.242%
11	33.615	3111	3118	3133	rBV2	1274716	2982793	64.40%	11.973%
12	33.844	3138	3143	3151	rVB	19525	52268	1.13%	0.210%
13	37.848	3571	3580	3605	rBV2	784585	2360773	50.97%	9.476%

Sum of corrected areas: 24913415

9770.D GCMS0510.M Mon May 13 12:10:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\9770.D
Operator :
Acquired : 10 May 2002 11:47 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/9
Misc Info :
Vial Number: 12
Quant File :GCMS0510.RES (RTE Integrator)



9770.D GCMS0510.M Mon May 13 12:10:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D
Acq On : 10 May 2002 11:47 pm
Sample : GC/MS SCAN 5/9
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator:
Inst : 209
Multiplr: 1.00

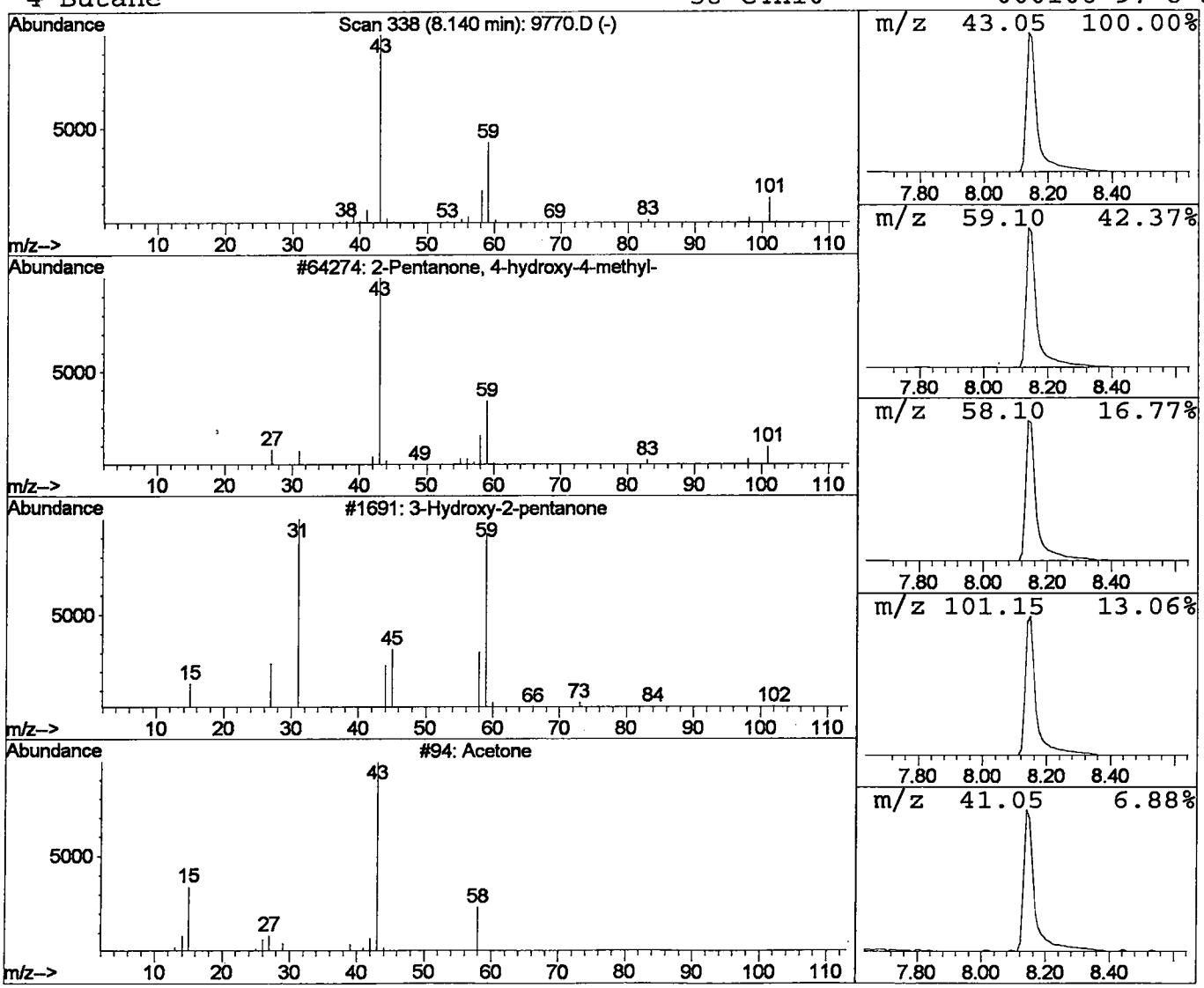
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	17.15 ug/l	1409890	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Acetone	58	C3H6O	000067-64-1	7
4	Butane	58	C4H10	000106-97-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

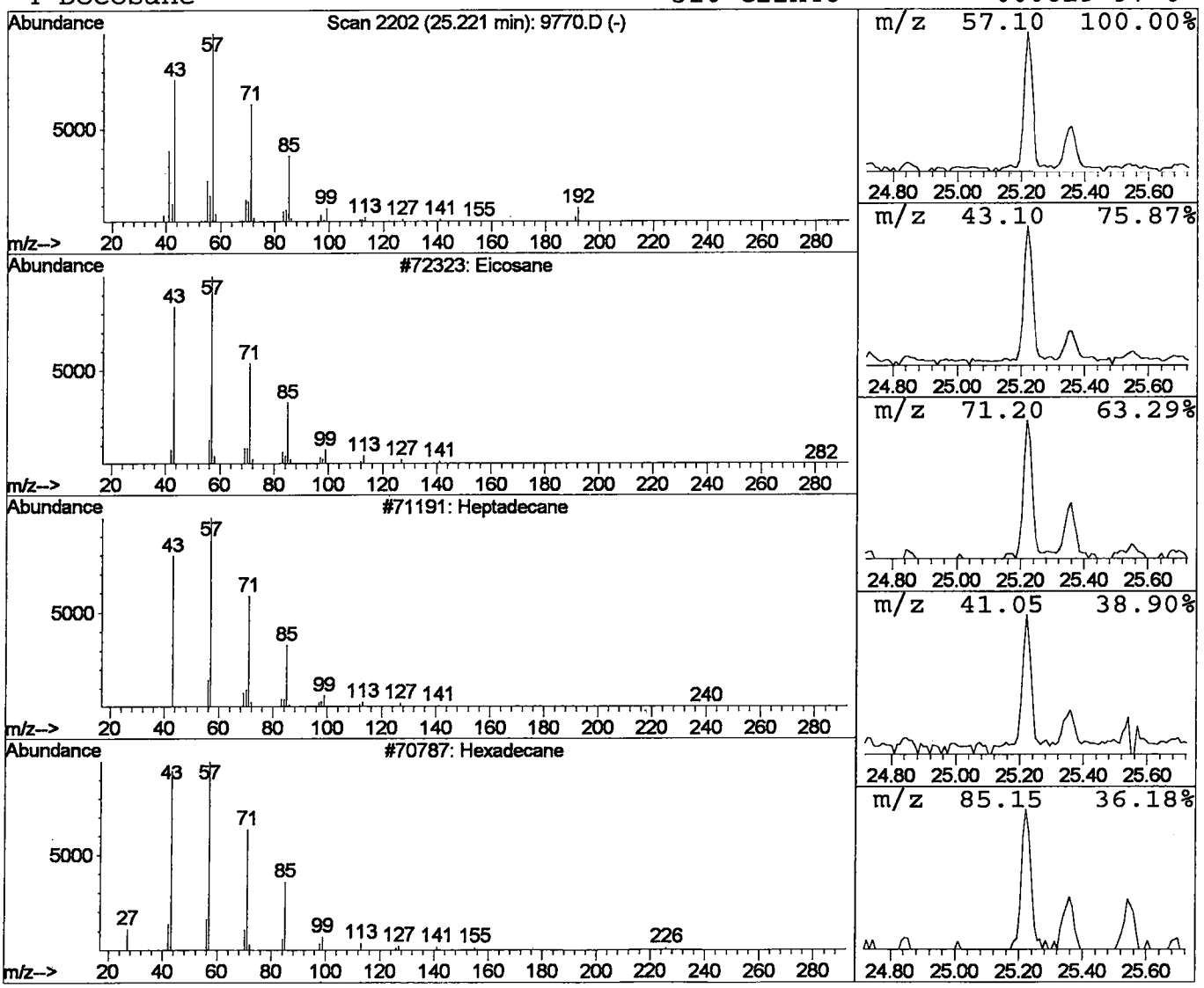
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	0.93 ug/l	97622	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Hexadecane	226	C16H34	000544-76-3	74
4	Docosane	310	C22H46	000629-97-0	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

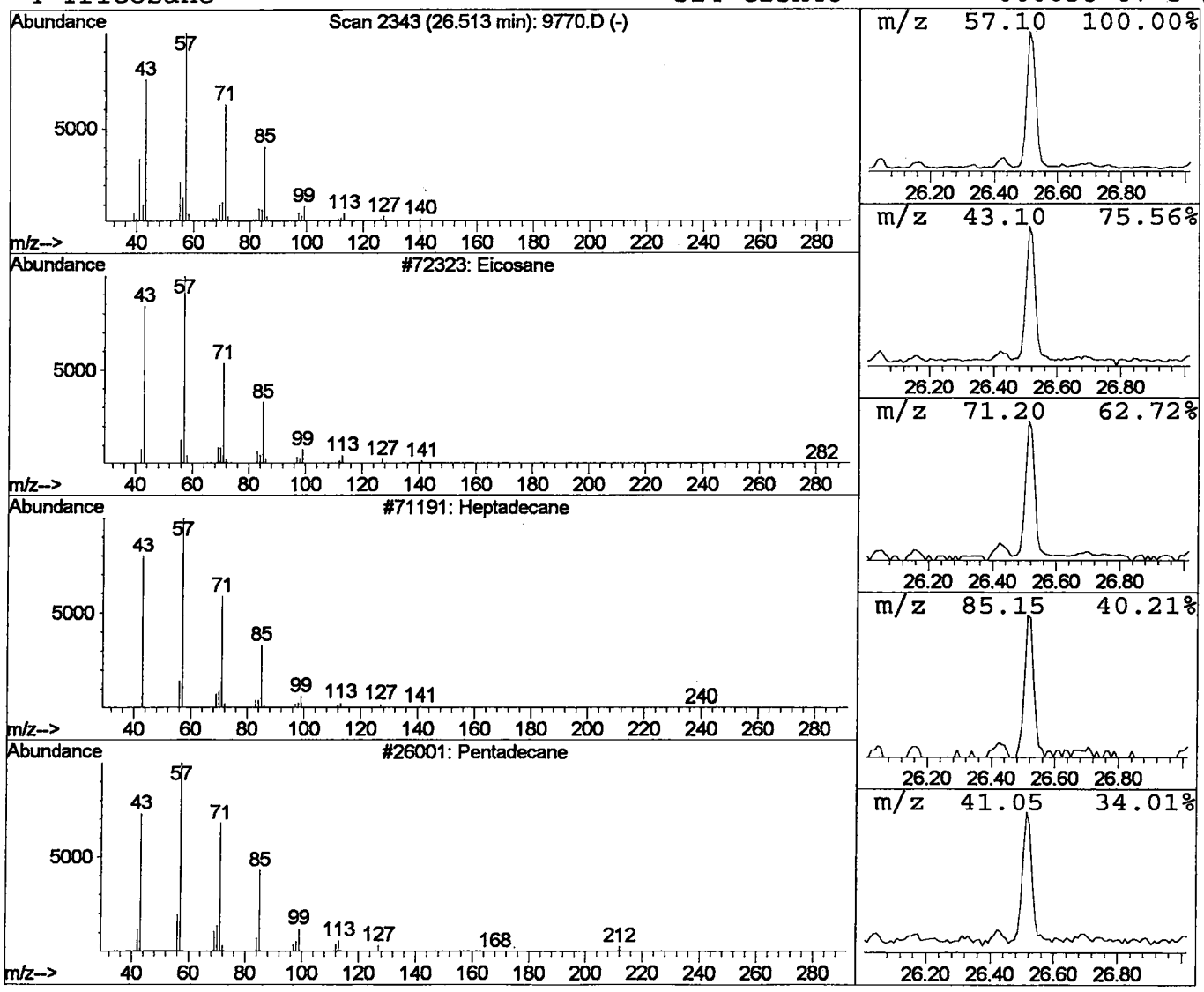
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.51	0.86 ug/l	90351	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tricosane	324	C23H48	000638-67-5	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

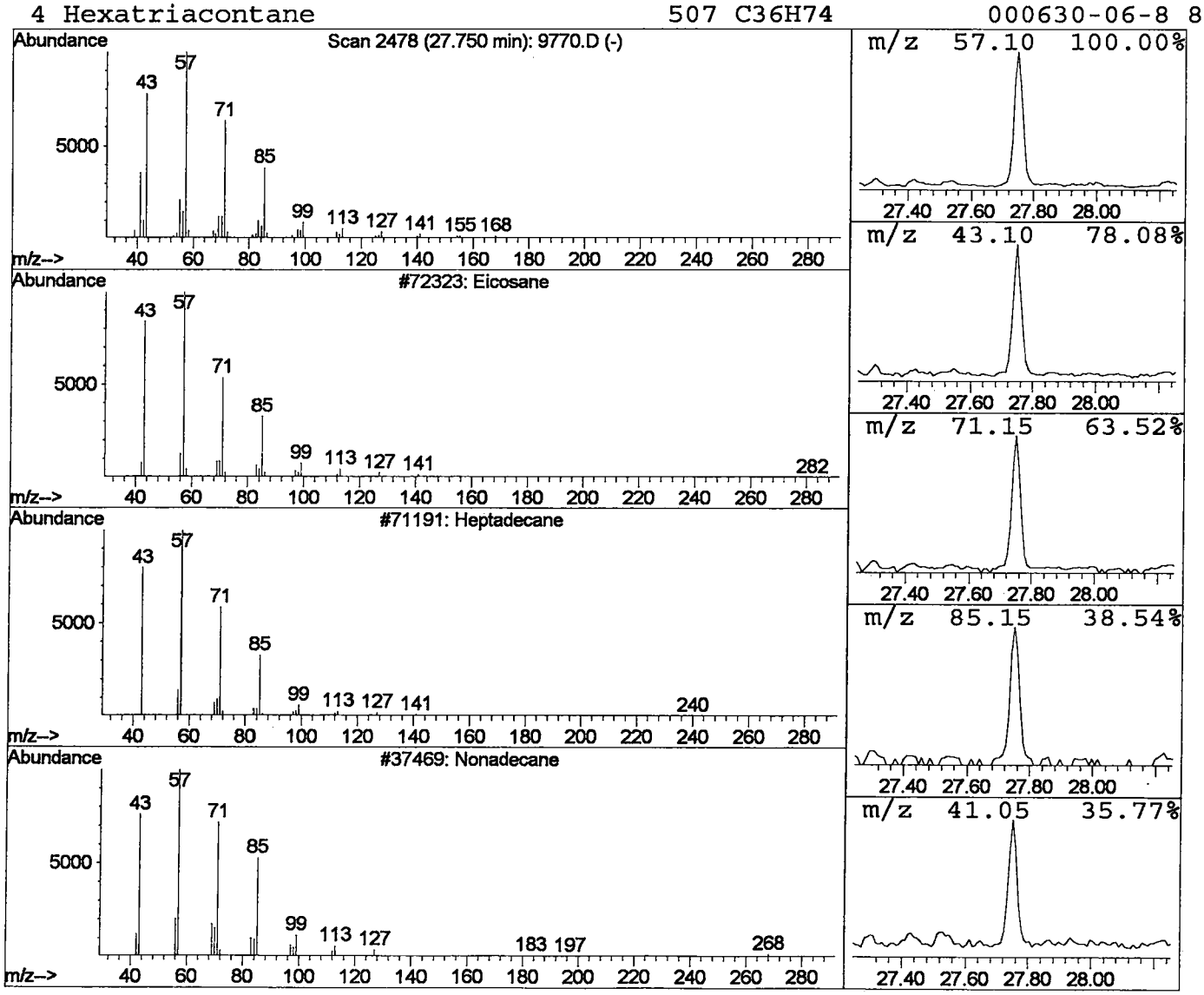
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.75	0.77 ug/l	81036	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexatriacontane	507	C36H74	000630-06-8	87



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9770.D Vial: 12
Acq On : 10 May 2002 11:47 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

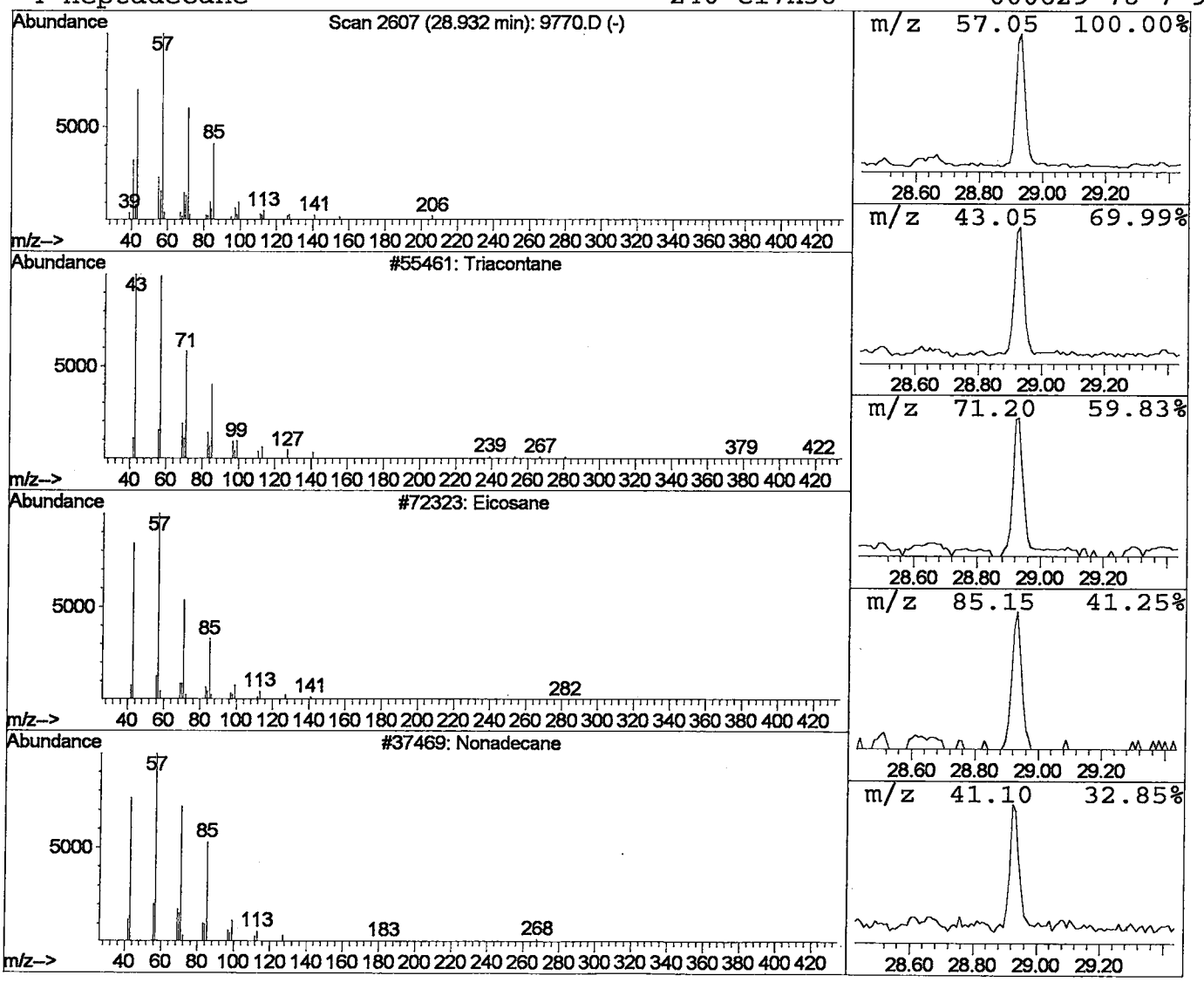
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.93	0.58 ug/l	60270	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 11:47 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\9770.D
Name: GC/MS SCAN 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.14	17.2	ug/l	1409890	ISTD01	12.16	3288380	40.0
Eicosane	25.22	0.9	ug/l	97622	ISTD04	25.55	4186590	40.0
Eicosane	26.51	0.9	ug/l	90351	ISTD04	25.55	4186590	40.0
Eicosane	27.75	0.8	ug/l	81036	ISTD04	25.55	4186590	40.0
Triacontane	28.93	0.6	ug/l	60270	ISTD04	25.55	4186590	40.0

9770.D GCMS0510.M Mon May 13 12:10:27 2002