User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/02/2001 Time: 06:41:46

Sample: AD23843
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/2/01 06:41 Ended: 11/2/01 06:41 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD23843 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-06-2001 Time: 09:41:50

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those present in the Laboratory Blank.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23843.D
Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:21 2001

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	893815	20.00	ug/l	-0.05
19) Naphthalene-d8	15.33	136	3575734	20.00	ug/l	-0.04
31) Acenaphthene-d10	20.60	164	1719188	20.00	ug/l	-0.03
49) Phenanthrene-d10	25.03	188	2447290	20.00	ug/l	-0.03
59) Chrysene-d12	33.06	240	1548802	20.00	ug/l	-0.04
68) Perylene-d12	37.17	264	1077230	20.00	ug/l	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.23	152	10763	0.17	ug/l	-0.04
Spiked Amount 50.000			Recovery =	0.34%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	3645	0.02	ug/l	0.09
Spiked Amount 50.000			Recovery =	0.04%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		

Target Compounds				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.
18) Hexachloroethane	0.00	117	0	N.D.
21) Nitrobenzene	0.00	77	0	N.D.
22) Isophorone	0.00	82	0	N.D.

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

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MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:21 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.	
24) 2,4-Dimethylphenol	0.00	107	0	N.D.	
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26) 2,4-Dichlorophenol	0.00	162	0	N.D.	
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28) Naphthalene	15.38	128	279	N.D.	
29) Hexachlorobutadiene	0.00	225	0	N.D.	
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37) 2-Chloronaphthalene	0.00	162	0	N.D.	
38) Dimethylphthalate	0.00	163	0	N.D.	
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d
40) Acenaphthylene	0.00	152	0	N.D.	
41) Acenaphthene	0.00	153	0	N.D.	
42) 2,4-Dinitrophenol	0.00	184	0	N.D.	
43) 4-Nitrophenol	0.00	65	0	N.D.	
44) 2,4-Dinitrotoluene	20.89	165	777	N.D.	
45) Diethylphthalate	22.10	149	345	N.D.	
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47) Fluorene	0.00	166	0	N.D.	
48) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53) Hexachlorobenzene	0.00	284	0	N.D.	
54) Pentachlorophenol	0.00	266	0	N.D.	
55) Phenanthrene	25.02	178	1029	N.D.	
56) Anthracene	25.02	178	1029	N.D.	
57) Di-n-butylphthalate	27.03	149	4308	N.D.	
58) Fluoranthene	0.00	202	0	N.D.	
60) 3,3'-Dichlorobenzidine	33.65	252	243	N.D.	
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	31.54	149	204	N.D.	
65) Benzo(a)anthracene	33.06	228	4005	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.33	149	4203	N.D.	
67) Chrysene	33.06	228	3907	N.D.	
69) Di-n-Octylphthalate	35.07	149	2543	N.D.	
70) Benzo(b)fluoranthene	36.15	252	2688	N.D.	

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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:21 2001 Quant Results File: NP101901.RES

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Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration
DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	36.15	252	2688	N.D.	
72) Benzo(a)pyrene	36.98	252	788	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	41.96	276	106	N.D.	

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

Quantitation Report

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Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:21 2001

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
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Quant Results File: NP101901.RES

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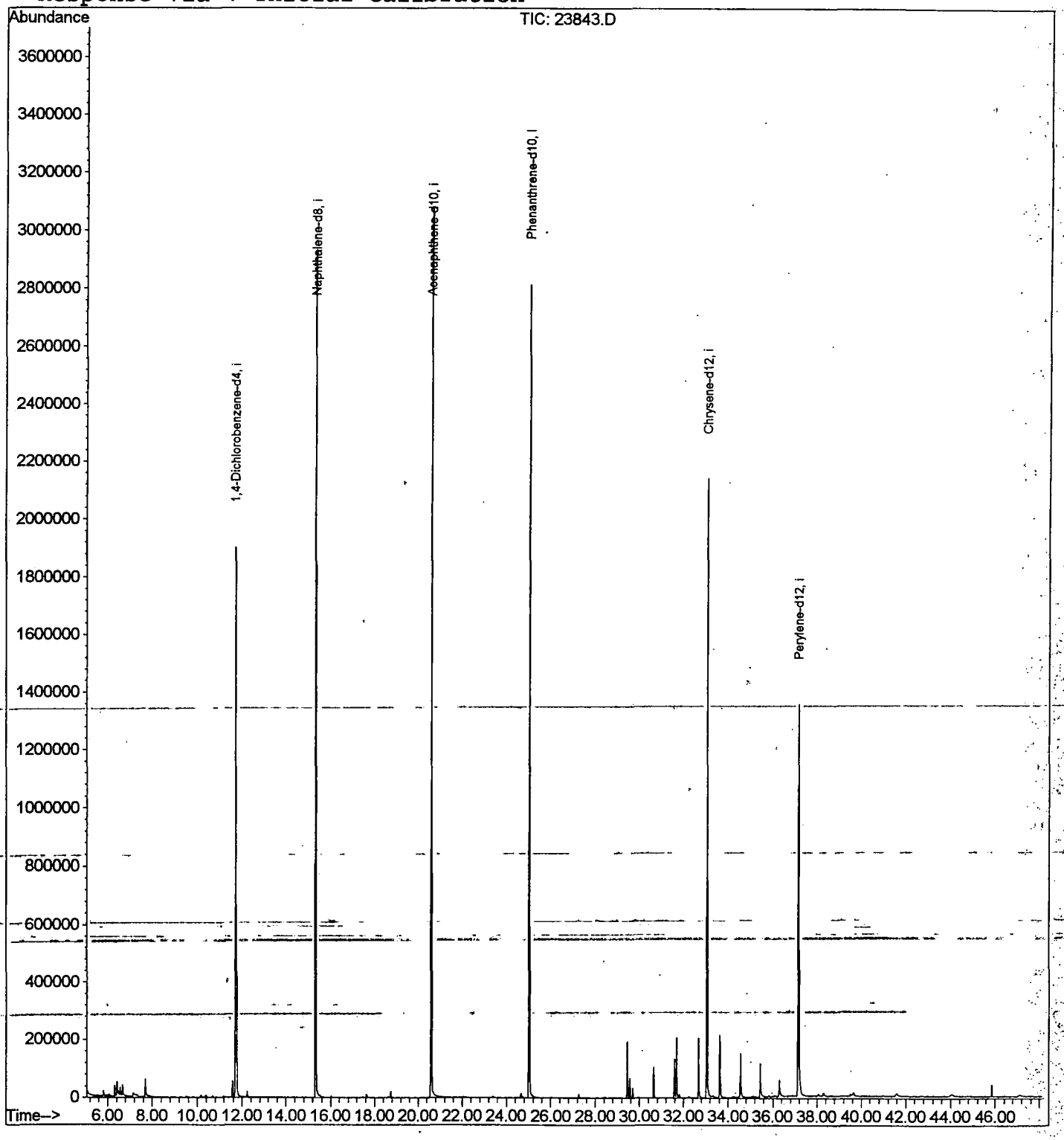
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23843.D Vial: 15
Acq On : 31 Oct 2001 4:11 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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

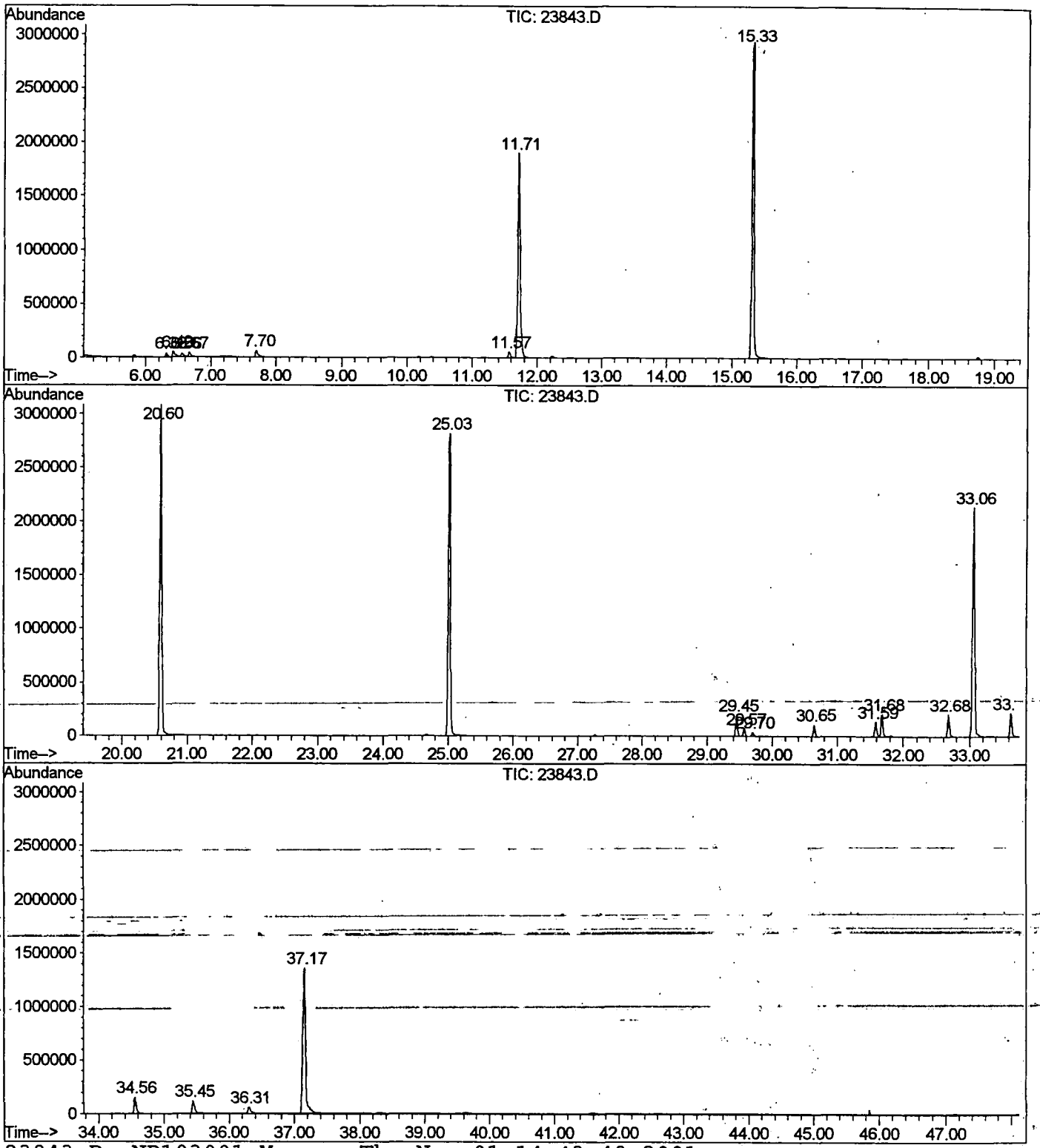
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.319	135	139	145	rBV	36136	68252	1.01%	0.183%
2	6.420	147	150	160	rVV2	48905	136337	2.02%	0.366%
3	6.558	161	165	174	rVV	31355	76530	1.13%	0.206%
4	6.668	174	177	192	rVB	38543	93842	1.39%	0.252%
5	7.696	286	289	305	rBV	60947	163183	2.42%	0.439%
6	11.570	707	711	721	rBV	55538	129502	1.92%	0.348%
7	11.708	721	726	749	rVV	1899429	4738849	70.16%	12.737%
8	15.325	1113	1120	1137	rBV	2934422	6505069	96.32%	17.485%
9	20.604	1688	1695	1711	rBV	3080924	6753876	100.00%	18.154%
10	25.029	2169	2177	2188	rBV	2813834	6243761	92.45%	16.783%
11	29.454	2650	2659	2667	rBV	193932	370974	5.49%	0.997%
12	29.573	2667	2672	2680	rVV	68542	138740	2.05%	0.373%
13	29.701	2681	2686	2695	rVB	34568	70707	1.05%	0.190%
14	30.647	2784	2789	2796	rBV	105872	211419	3.13%	0.568%
15	31.593	2887	2892	2897	rBV2	134099	285407	4.23%	0.767%
16	31.684	2897	2902	2912	rVB	206800	428776	6.35%	1.153%
17	32.676	3004	3010	3024	rBV	204909	434415	6.43%	1.168%
18	33.061	3044	3052	3069	rBV2	2141730	4954399	73.36%	13.317%
19	33.631	3107	3114	3126	rBV	216280	492708	7.30%	1.324%
20	34.558	3210	3215	3227	rVB	150824	348911	5.17%	0.938%
21	35.448	3307	3312	3321	rBV	115016	285511	4.23%	0.767%
22	36.311	3400	3406	3416	rBV2	58278	176313	2.61%	0.474%
23	37.165	3490	3499	3516	rBV2	1353872	4096501	60.65%	11.011%

Sum of corrected areas: 37203982

23843.D NP103001.M Thu Nov 01 14:43:44 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23843.D
Operator : 209 GALOS
Acquired : 31 Oct 2001 4:11 am using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 15
Quant File :NP101901.RES (RTE Integrator)



23843.D NP103001.M Thu Nov 01 14:43:48 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23843.D
Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

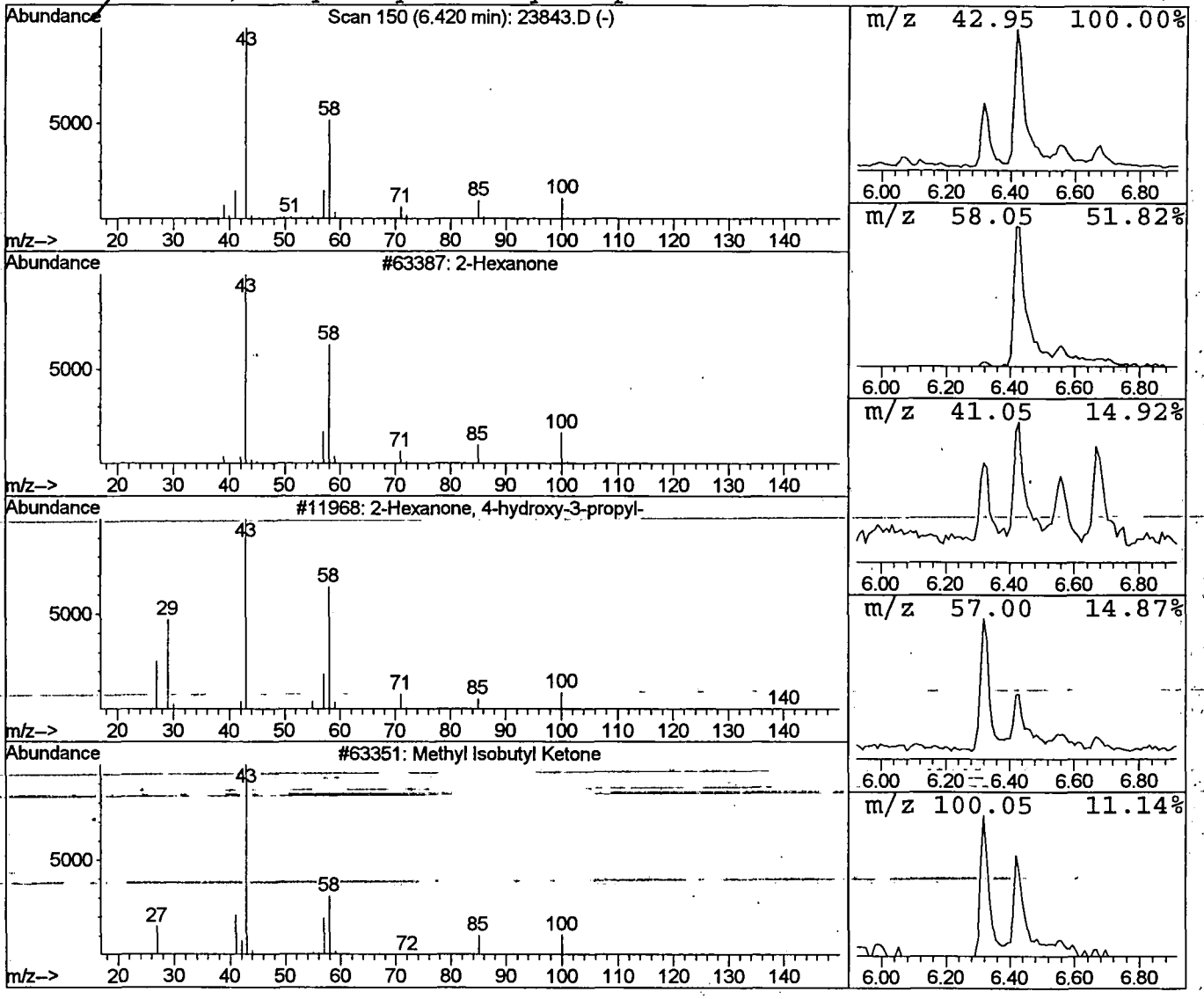
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.58 ug/l	136337	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	43



Library Search Compound Report

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Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
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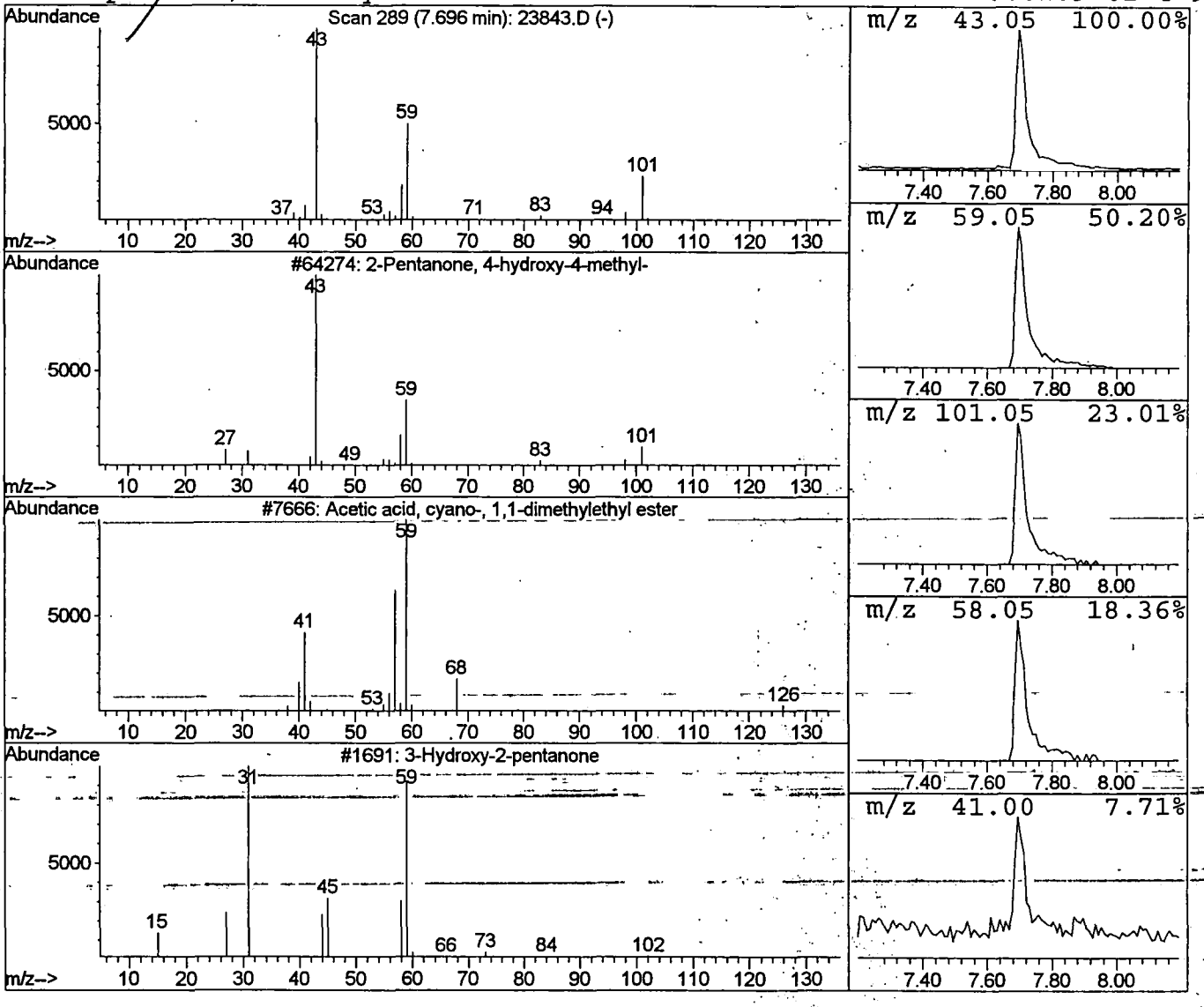
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.69 ug/l	163183	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
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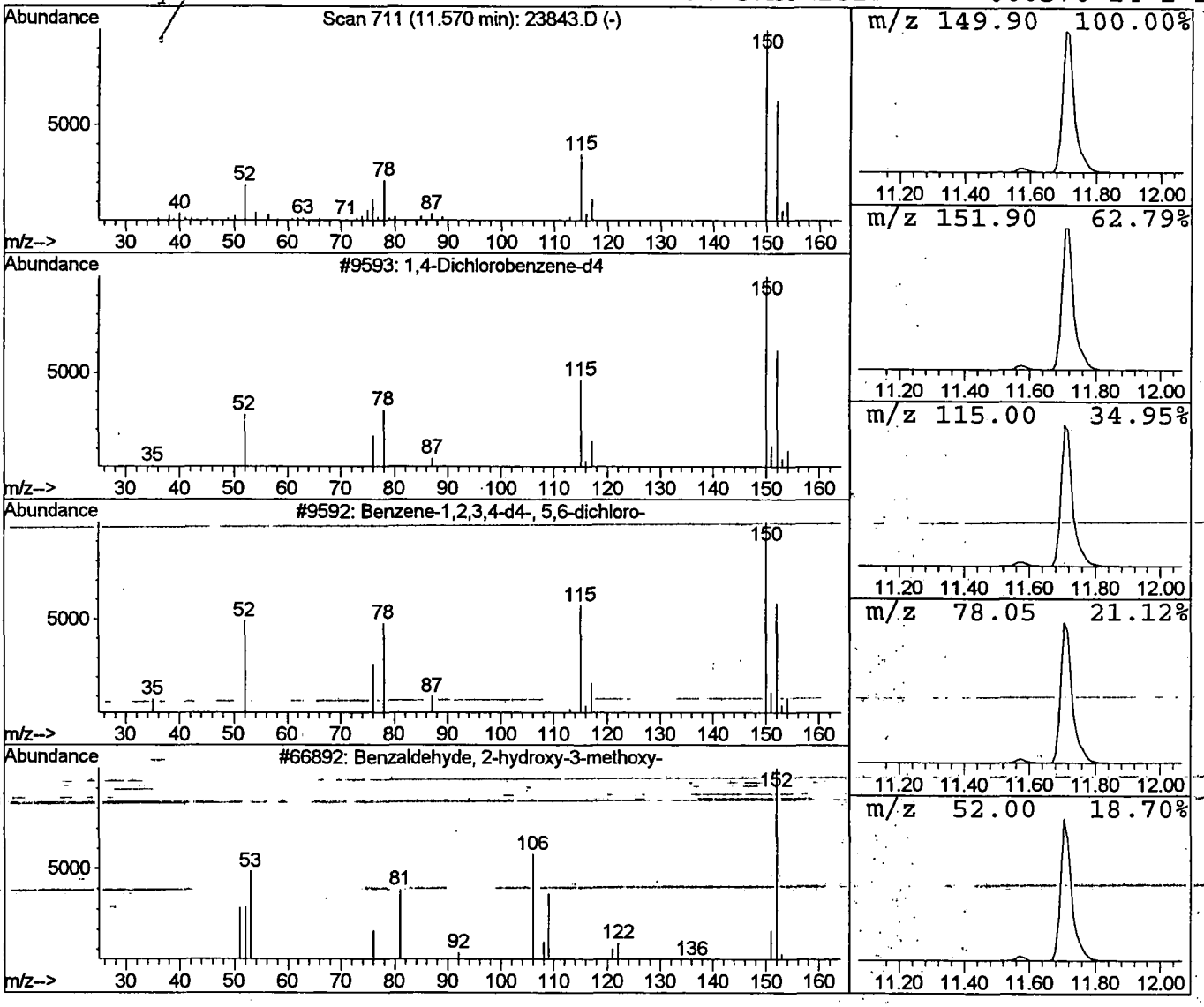
****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.55 ug/l	129502	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	91
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	43
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



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Acq On : 31 Oct 2001 4:11 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

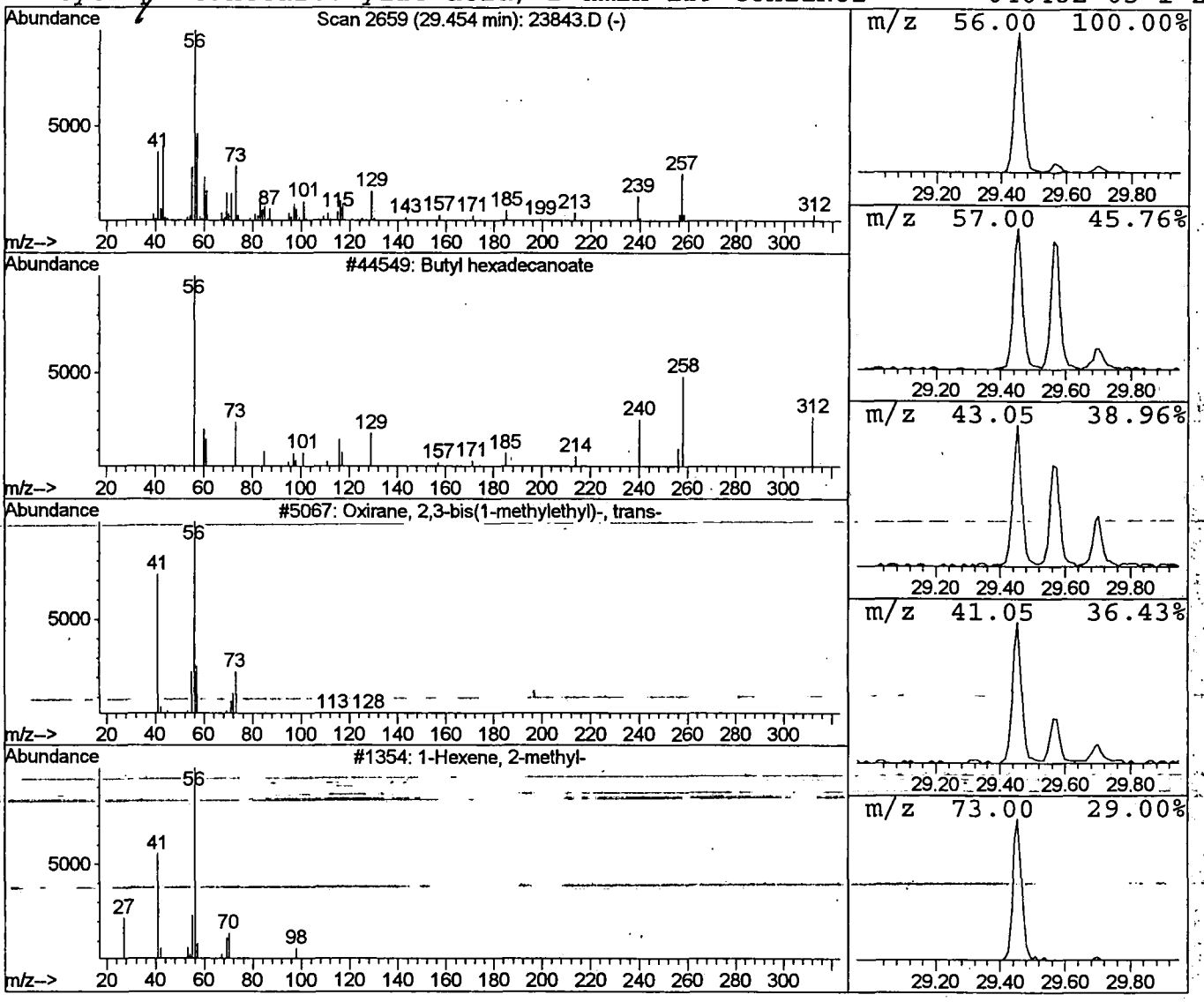
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butyl hexadecanoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.45	1.50 ug/l	370974	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecanoate	312	C20H40O2	000000-00-0	52
2	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	32
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
4	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	25



Library Search Compound Report

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Misc :
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Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

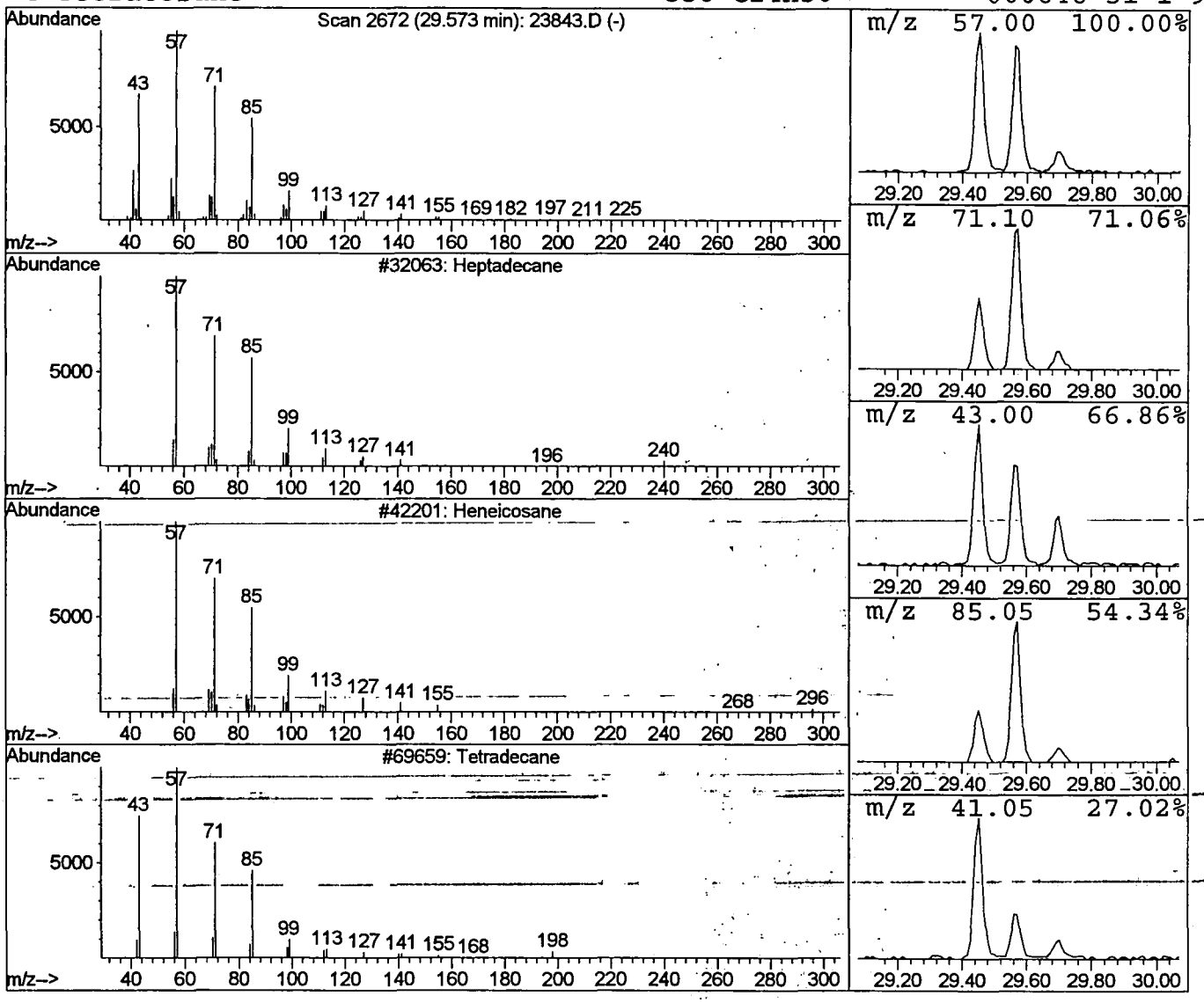
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Heptadecane — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.57	0.56 ug/l	138740	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tetracosane	338	C24H50	000646-31-1	90



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Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

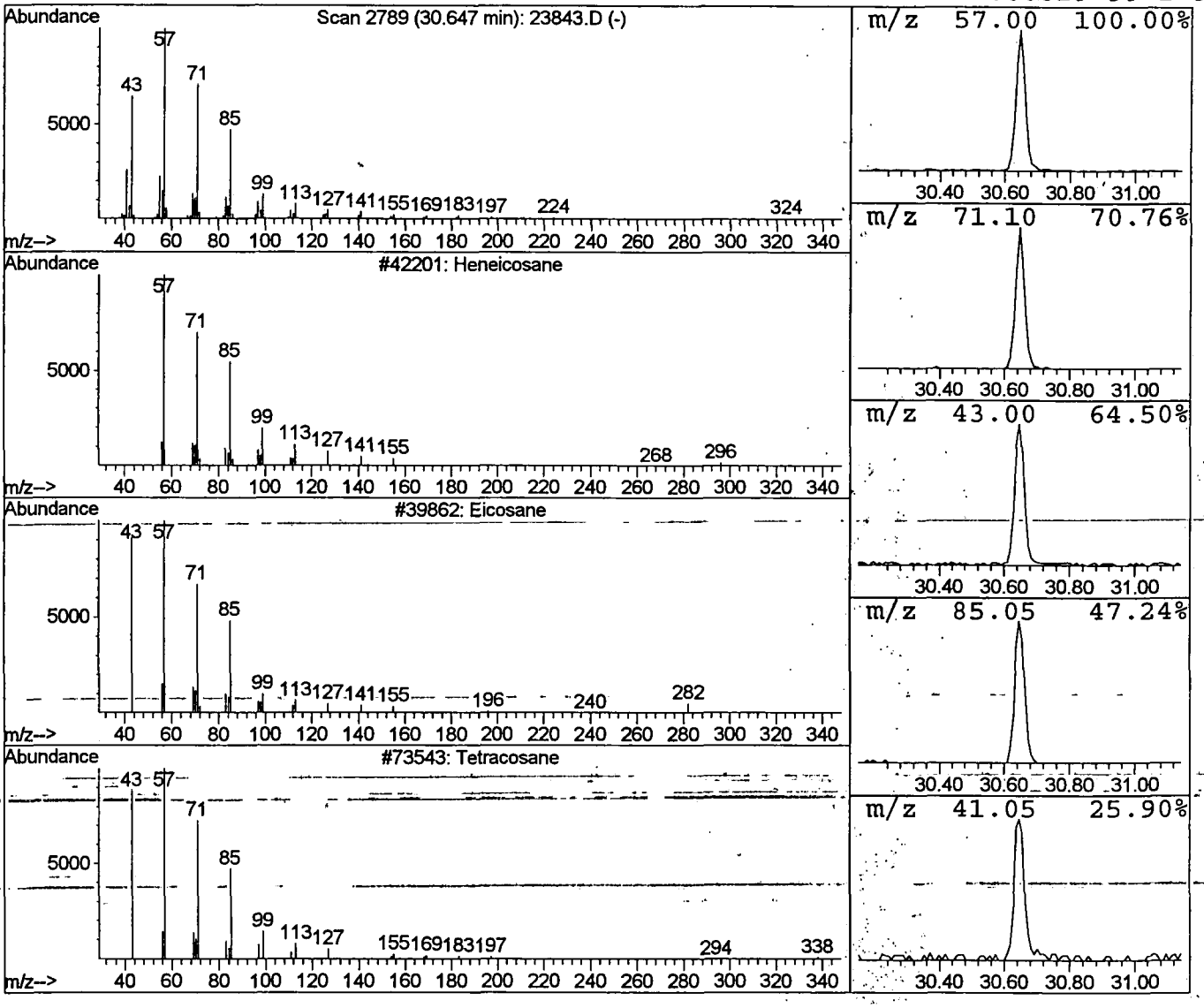
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	0.85 ug/l	211419	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentacosane	352	C25H52	000629-99-2	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
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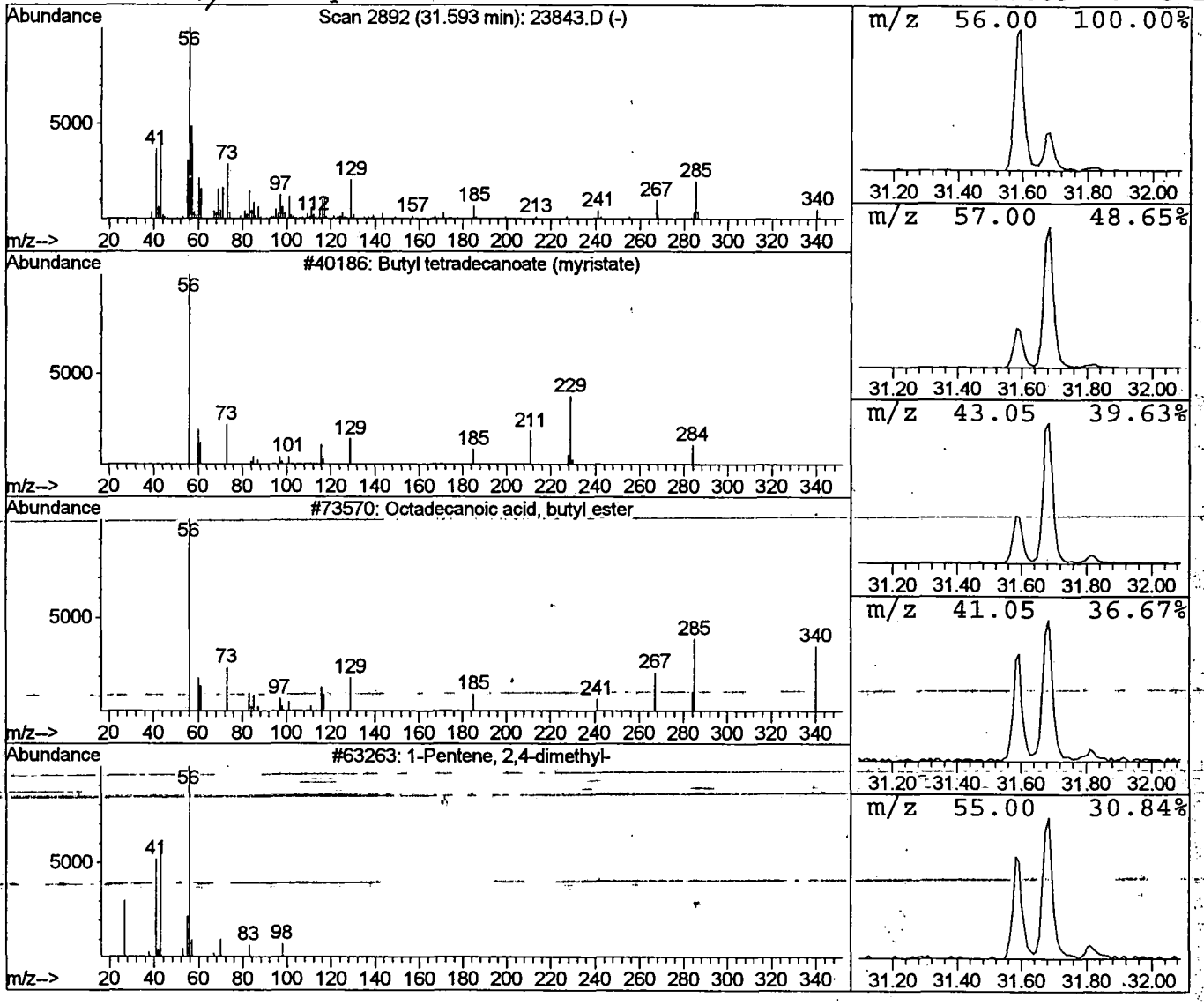
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Butyl tetradecanoate (myristat Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.59	1.15 ug/l	285407	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	59
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	45
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



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

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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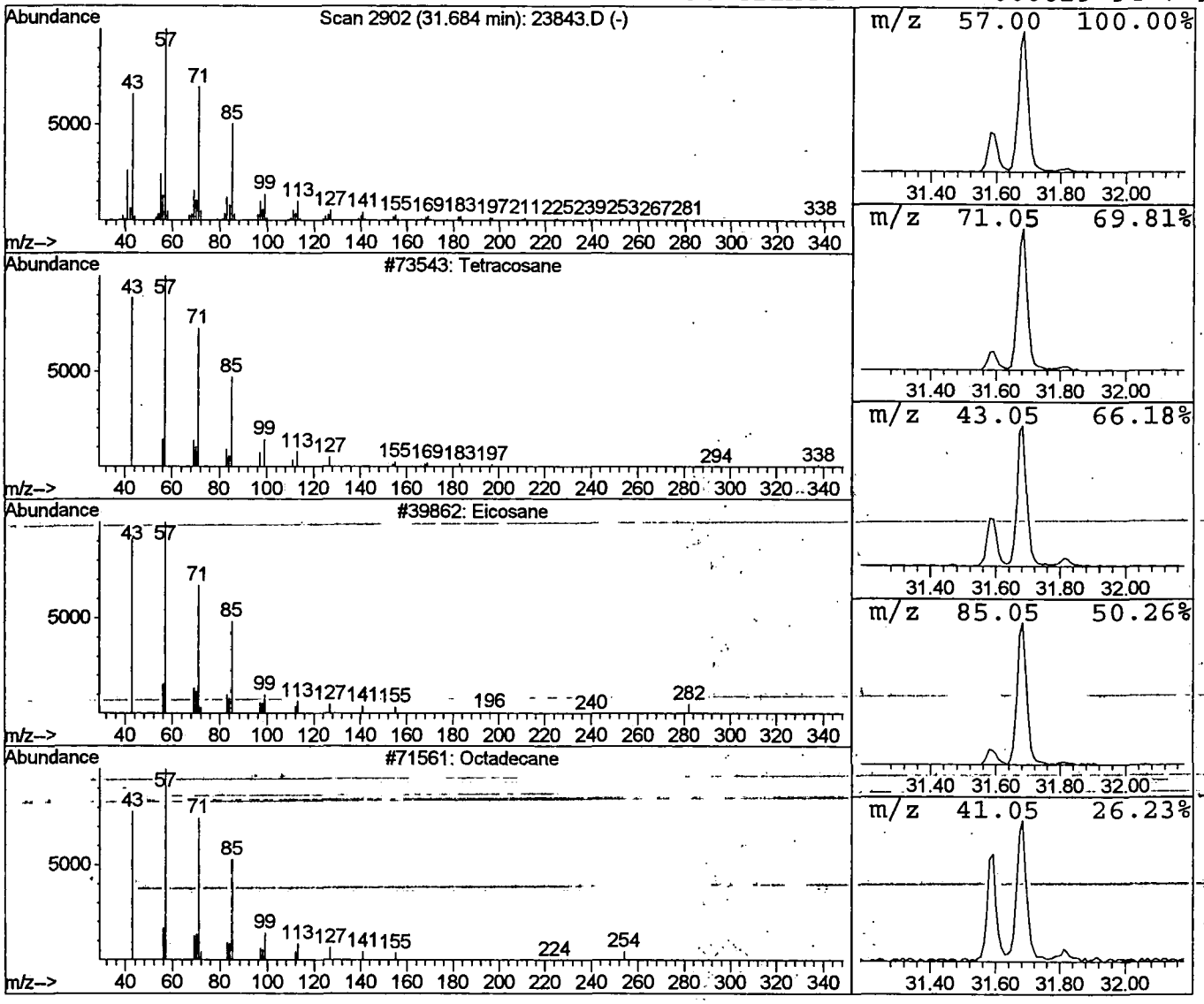
Peak Number 8 Tetracosane — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.68	1.73 ug/l	428776	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	99
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91



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

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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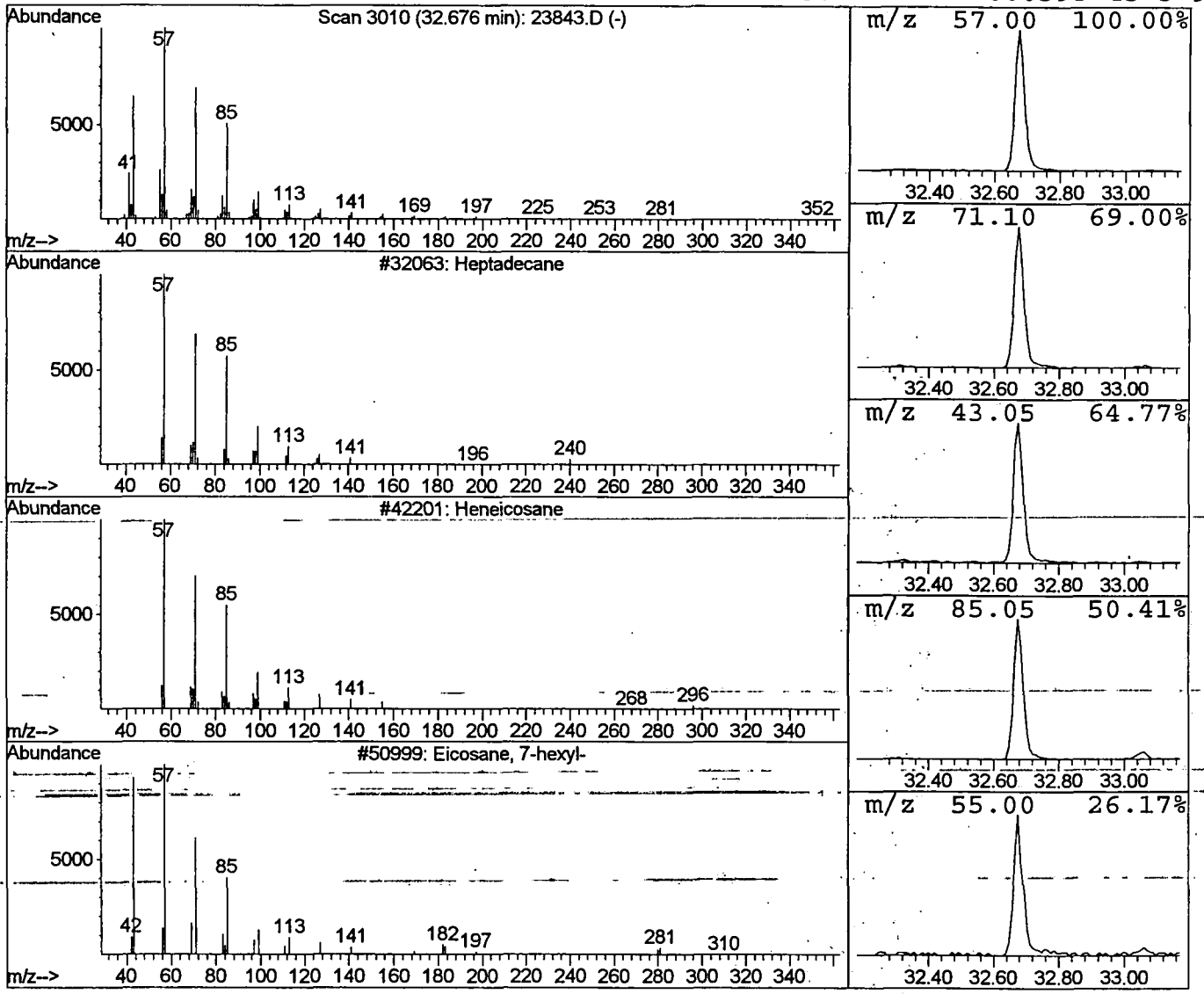
Peak Number 9 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.68	1.75 ug/l	434415	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Octadecane	254	C18H38	000593-45-3	90



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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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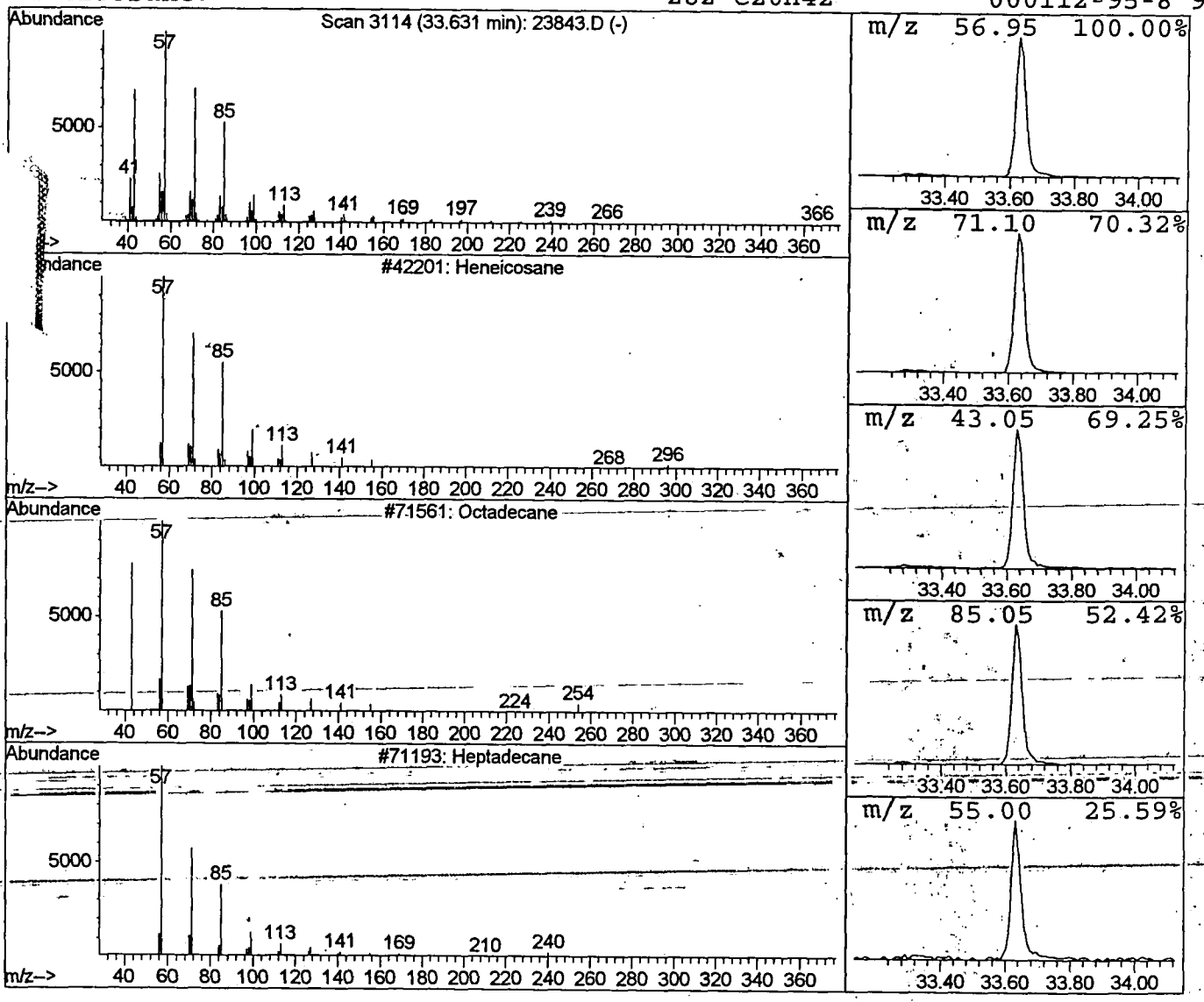
Peak Number 10 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.63	1.99 ug/l	492708	Chrysene-d12	33.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qu
1	Heneicosane	296	C21H44	000629-94-7	9
2	Octadecane	254	C18H38	000593-45-3	9
3	Heptadecane	240	C17H36	000629-78-7	9
4	Eicosane.	282	C20H42	000112-95-8	9



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Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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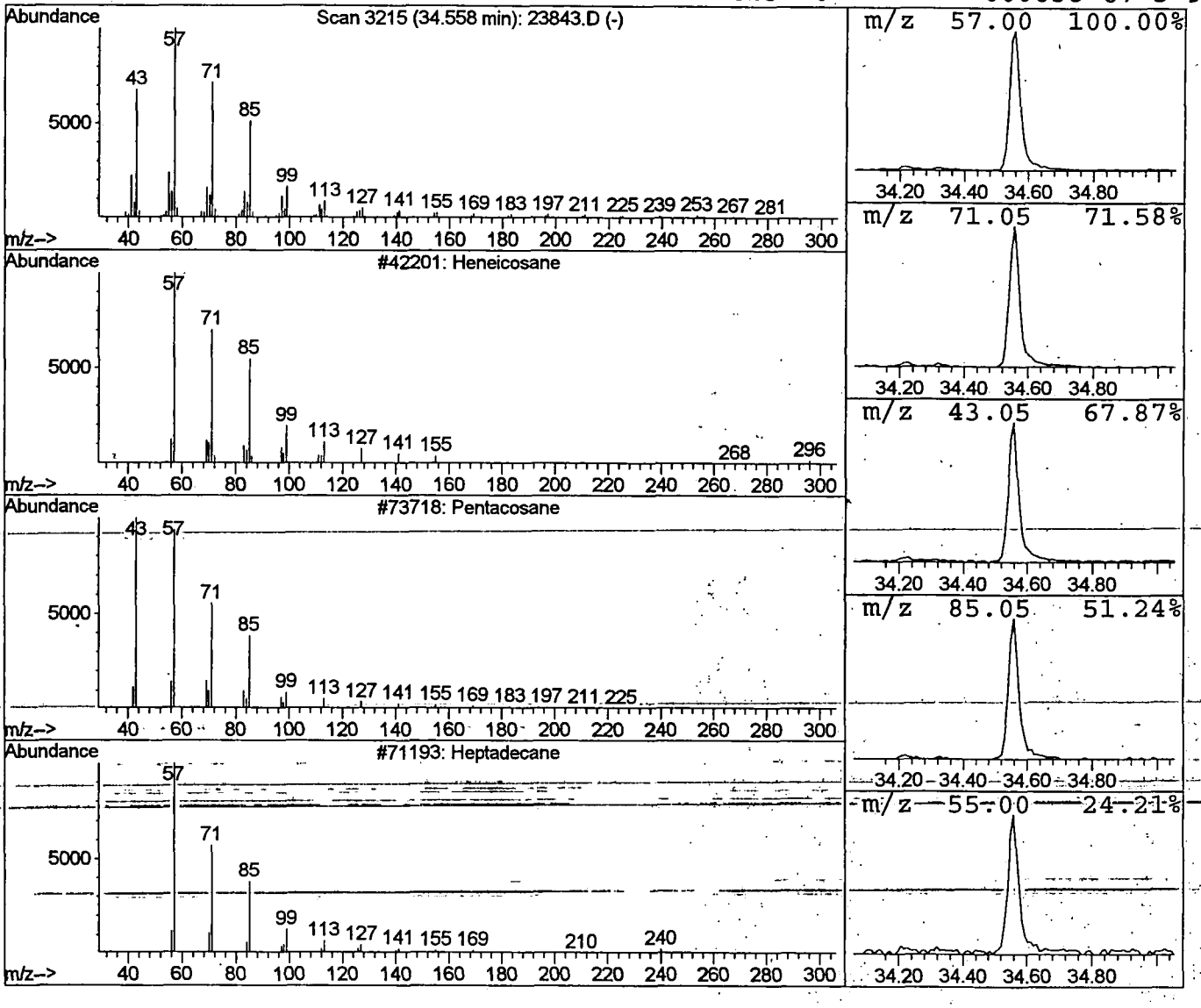
Peak Number 11 Heneicosane — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.56	1.41 ug/l	348911	Chrysene-d12	33.06

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	Heptadecane	240	C17H36	000629-78-7	91
4	Tricosane	324	C23H48	000638-67-5	91



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Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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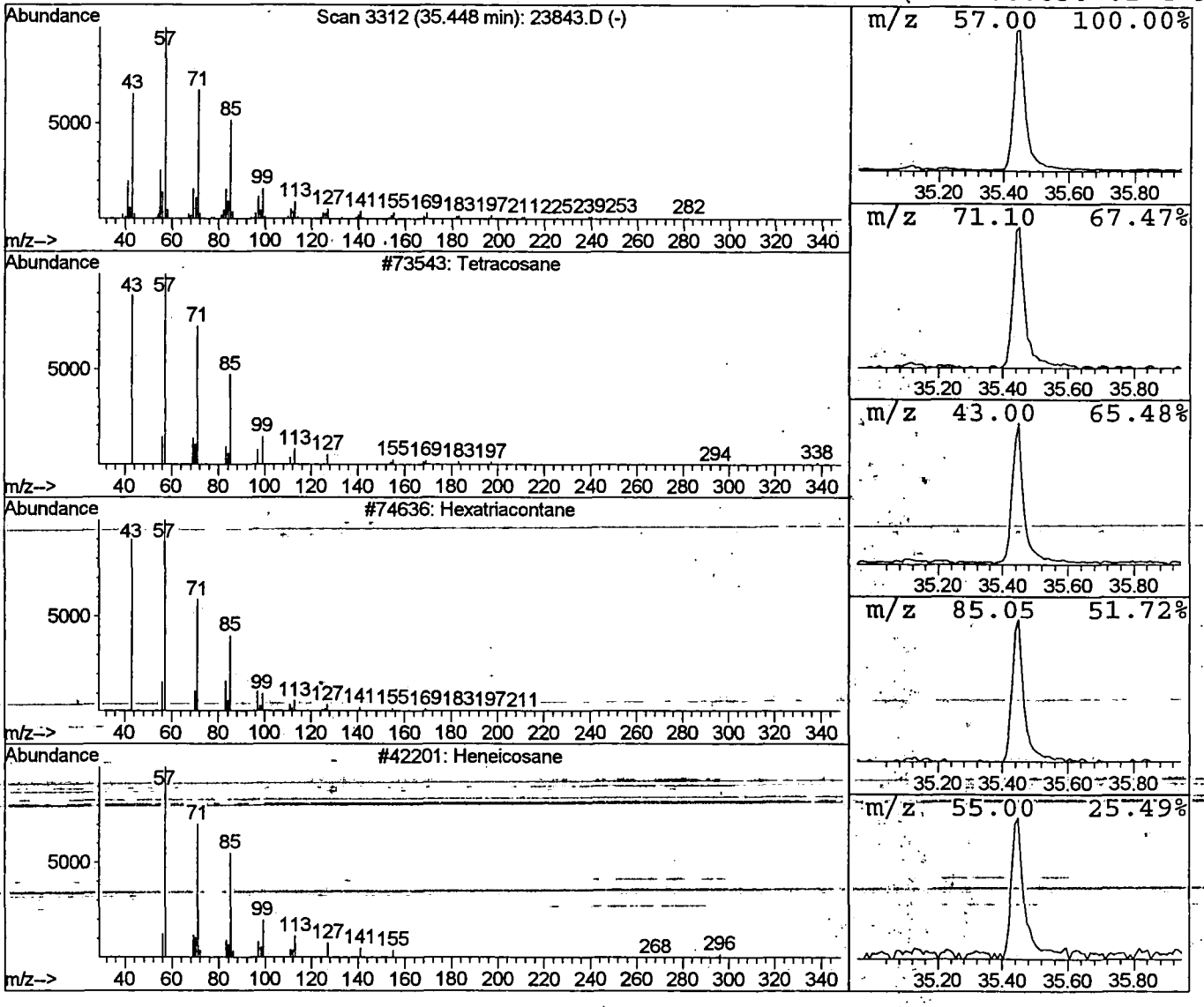
Peak Number 12 Tetracosane — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.45	1.39 ug/l	285511	Perylene-d12	37.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91



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Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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Peak Number 13 Hexatriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.31	0.86 ug/l	176313	Perylene-d12	37.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Octadecane	254	C18H38	000593-45-3	90