User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 15:33:49

Sample: AD25792
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/6/01 15:32 Ended: 12/6/01 15:32 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25792 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-06-2001 Time: 15:34:06

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D Vial: 12
Acq On : 20 Nov 2001 2:02 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 2:51 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	736817	20.00	ug/l	-0.02
19) Naphthalene-d8	15.31	136	2825276	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1438168	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	2177511	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	1672132	20.00	ug/l	-0.02
68) Perylene-d12	37.15	264	1239687	20.00	ug/l	0.00
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	11.72	132	474	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.28	152	1393	0.04	ug/l	0.03
Spiked Amount 50.000			Recovery =	0.08%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.75	172	1792	0.02	ug/l	0.13
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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D Vial: 12
Acq On : 20 Nov 2001 2:02 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

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	787	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.	
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	20.96	165	209	N.D.	
45) Diethylphthalate	0.00	149	0	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	673	N.D.	
56) Anthracene	25.02	178	673	N.D.	
57) Di-n-butylphthalate	27.03	149	1588	N.D.	
58) Fluoranthene	0.00	202	0	N.D.	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.06	228	4154	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.34	149	552	N.D.	
67) Chrysene	33.06	228	4154	N.D.	
69) Di-n-Octylphthalate	0.00	149	0	N.D.	
70) Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D Vial: 12
Acq On : 20 Nov 2001 2:02 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 2:51 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.15	252	4830	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	0.00	276	0	N.D.	

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

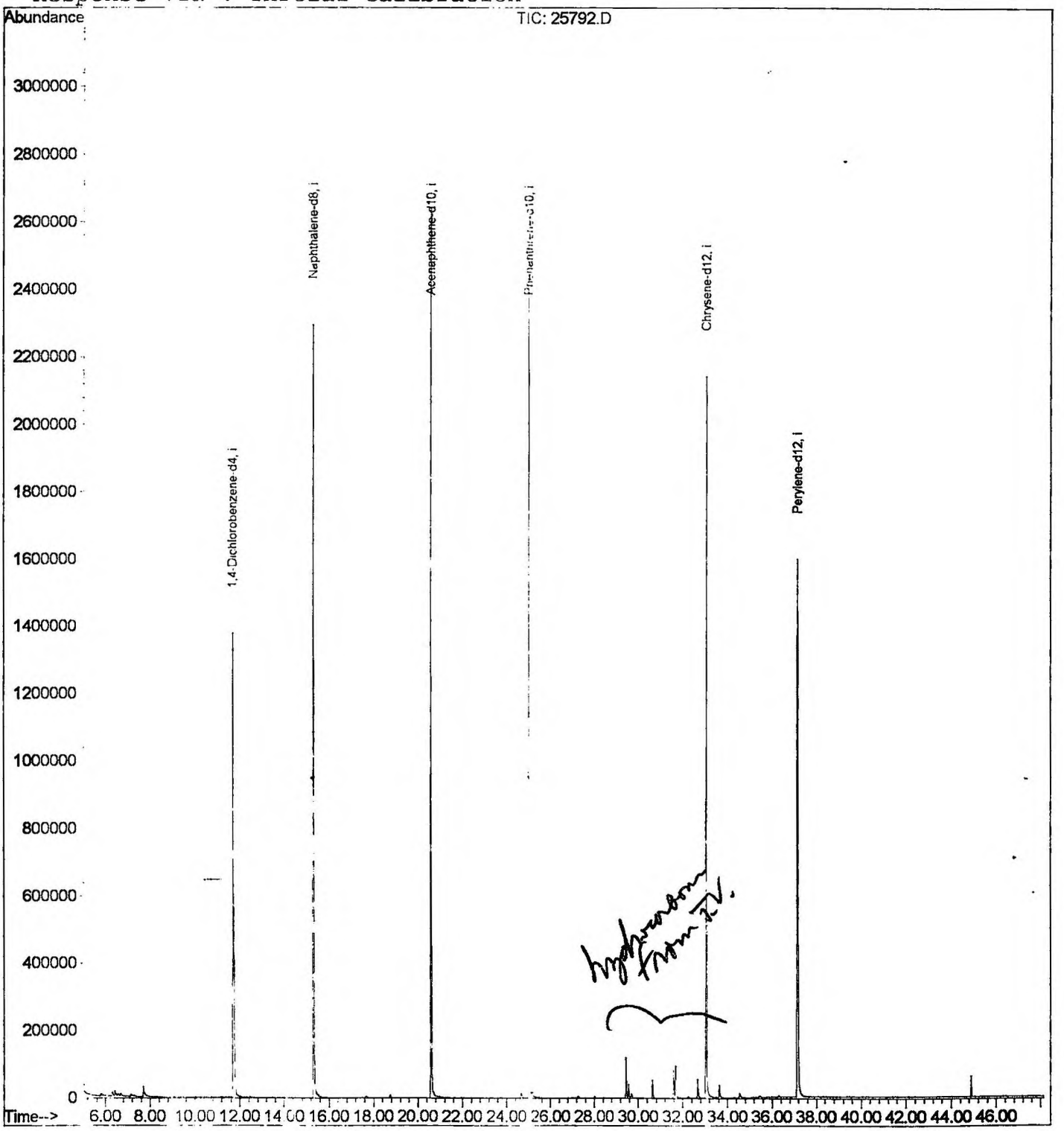
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 2:51 2001

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D Vial: 12
Acq On : 20 Nov 2001 2:02 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

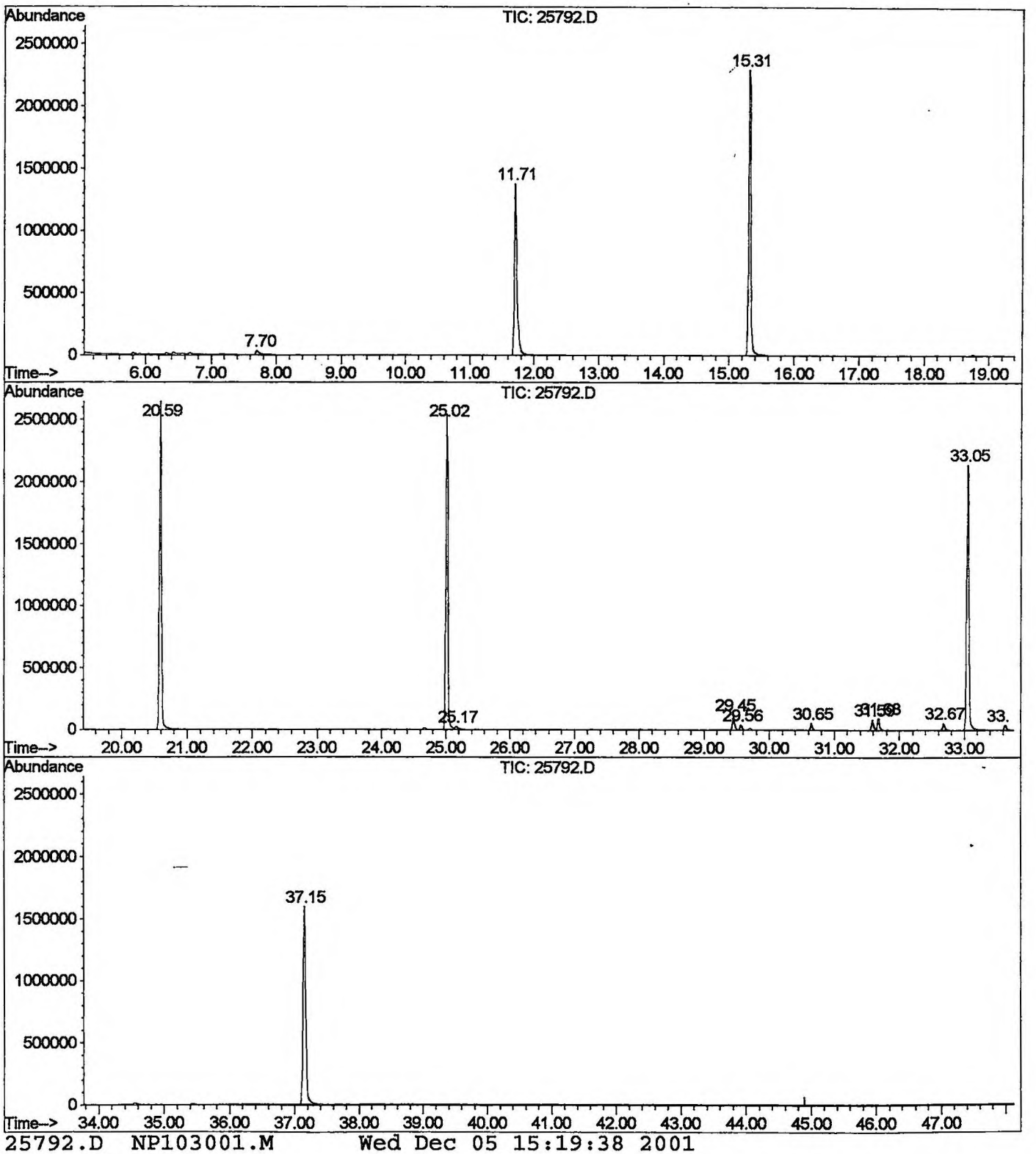
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.704	286	290	303	rBV	31833	109361	1.92%	0.347%
2	11.707	721	726	751	rBV	1378171	3849566	67.61%	12.230%
3	15.315	1114	1119	1138	rBV	2293964	5141217	90.30%	16.333%
4	20.593	1688	1694	1710	rBV	2644621	5693689	100.00%	18.088%
5	25.018	2169	2176	2187	rBV2	2541043	5666181	99.52%	18.001%
6	25.165	2188	2192	2202	rVB	21655	67841	1.19%	0.216%
7	29.452	2652	2659	2667	rBV	120876	256018	4.50%	0.813%
8	29.562	2667	2671	2679	rVV	40539	88573	1.56%	0.281%
9	30.646	2783	2789	2799	rBV	53274	108898	1.91%	0.346%
10	31.591	2886	2892	2897	rBV2	82923	186282	3.27%	0.592%
11	31.683	2897	2902	2912	rVB	95420	220994	3.88%	0.702%
12	32.675	3004	3010	3018	rBV	55895	130662	2.29%	0.415%
13	33.051	3044	3051	3071	rBV2	2141887	5235020	91.94%	16.631%
14	33.629	3108	3114	3127	rBV2	38749	105006	1.84%	0.334%
15	37.155	3489	3498	3524	rBV2	1596936	4617582	81.10%	14.670%

Sum of corrected areas: 31476890

25792.D NP103001.M Wed Dec 05 15:19:34 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Operator : 209 GALOS
Acquired : 20 Nov 2001 2:02 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 12
Quant File :NP103001.RES (RTE Integrator)



25792.D NP103001.M Wed Dec 05 15:19:38 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

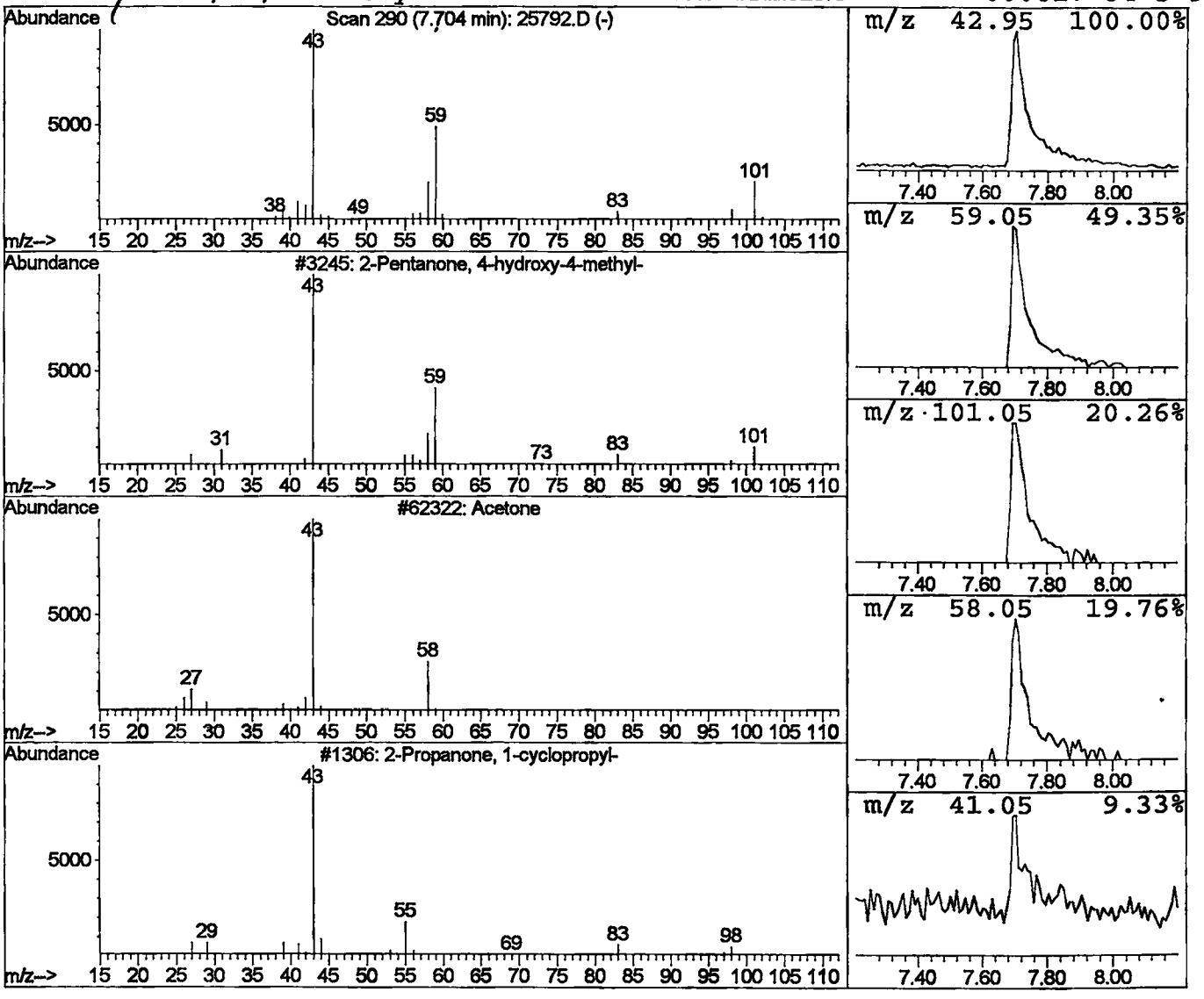
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.57 ug/l	109361	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	50
2	Acetone	58	C3H6O	000067-64-1	12
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

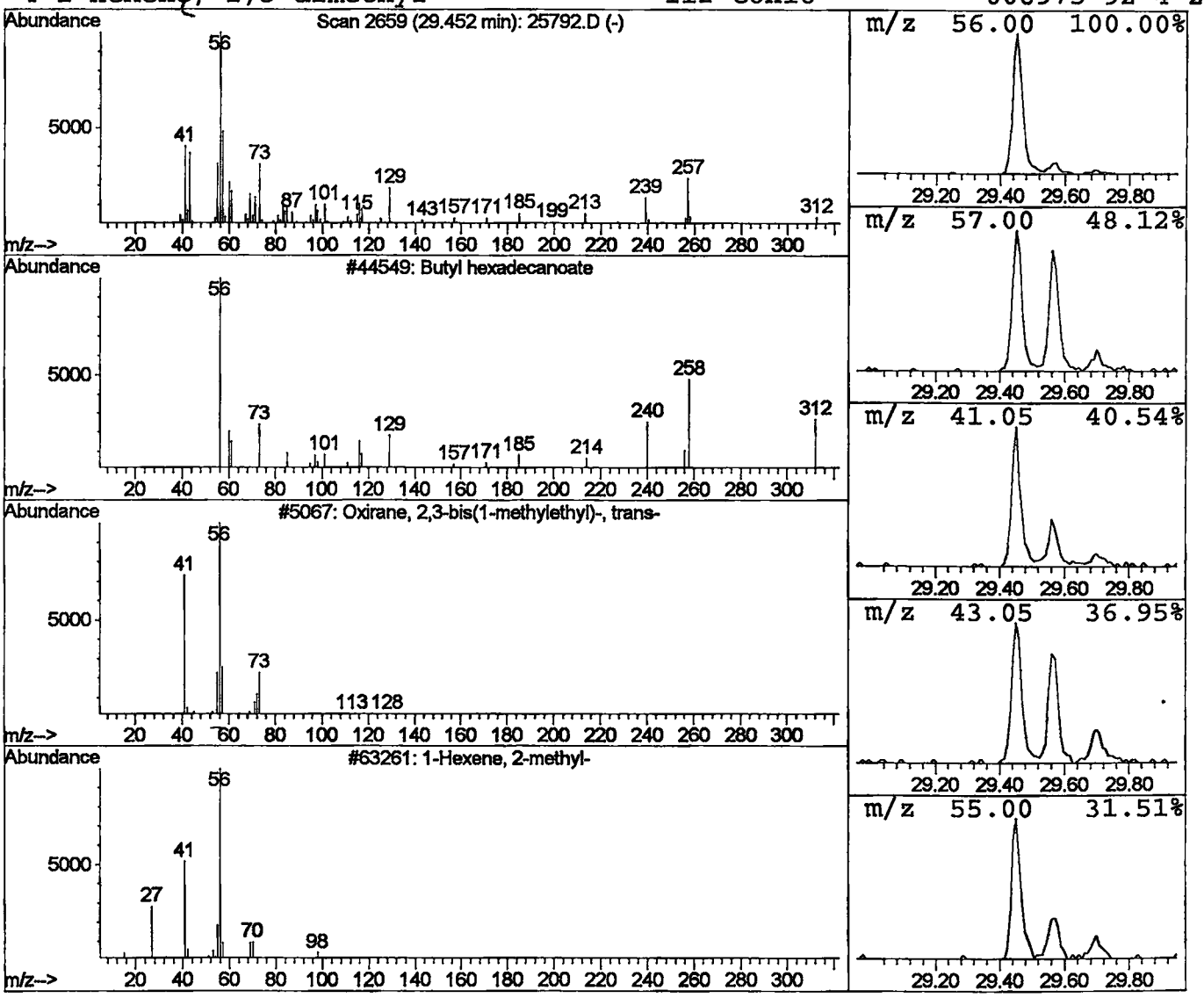
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Butyl hexadecanoate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.45	0.98 ug/l	256018	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl hexadecanoate	312	C20H40O2	000000-00-0	35
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	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

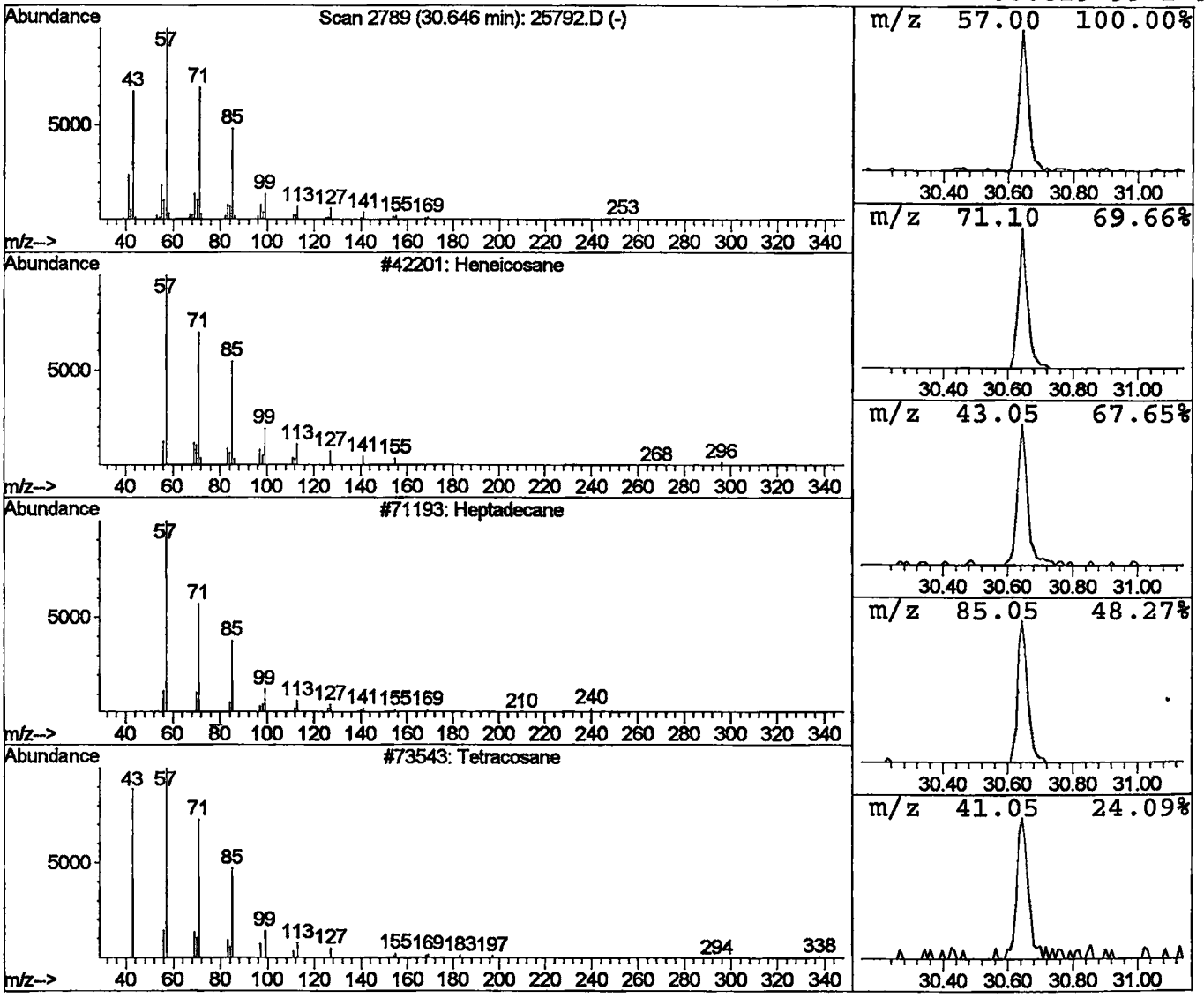
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	0.42 ug/l	108898	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentacosane	352	C25H52	000629-99-2	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

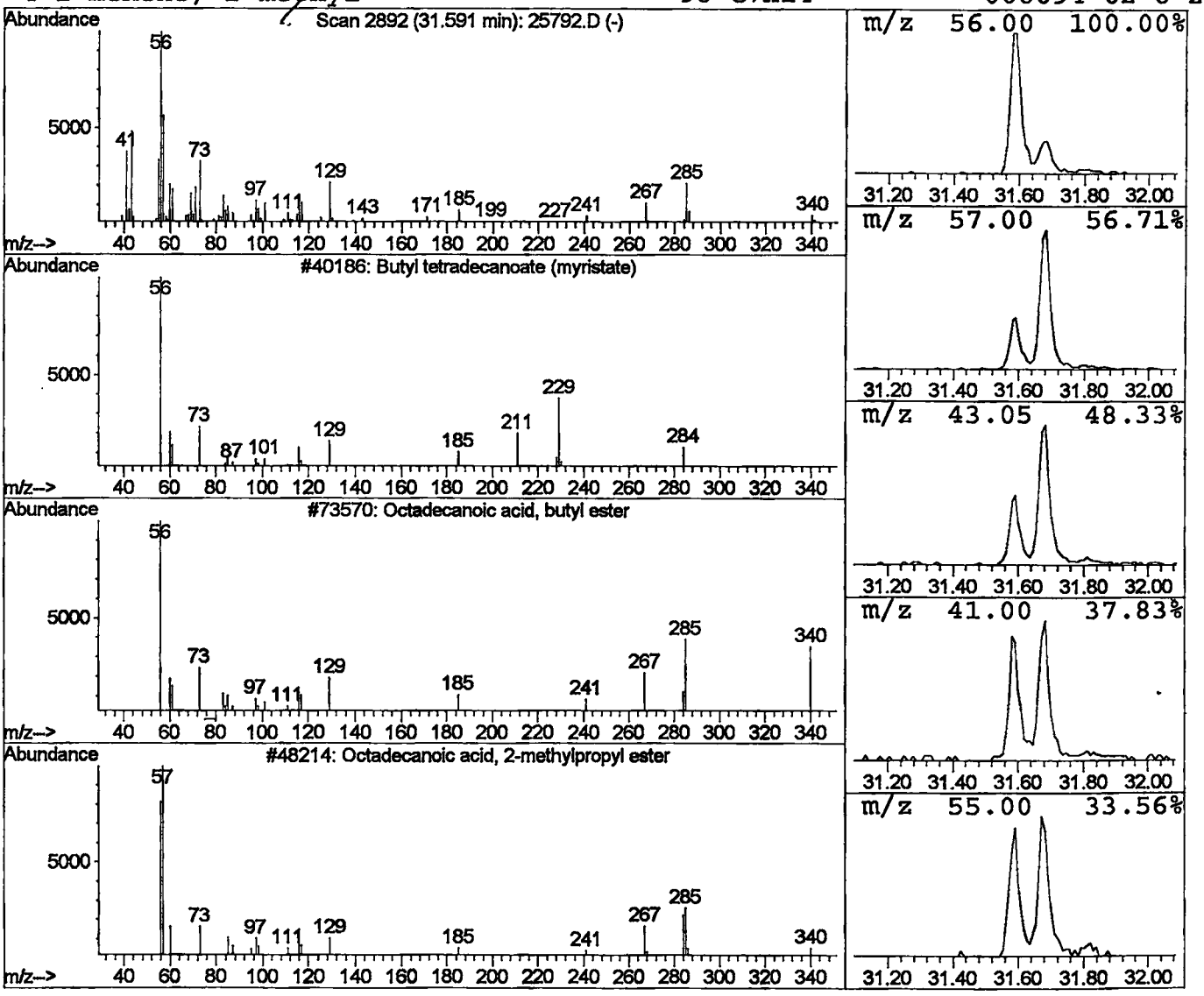
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butyl tetradecanoate (myristat Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.59	0.71 ug/l	186282	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	74
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
3	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	55
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

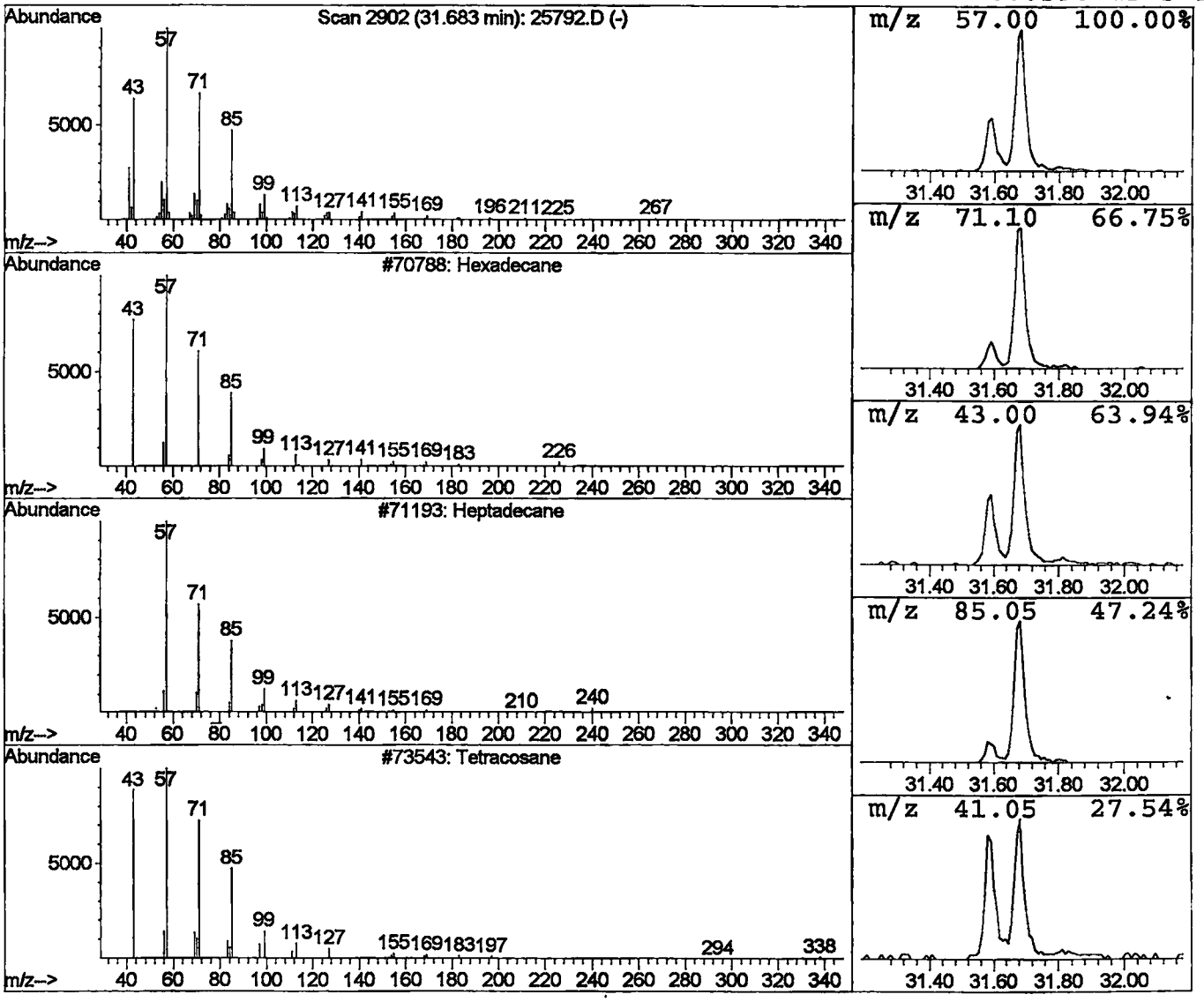
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.68	0.84 ug/l	220994	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane	254	C18H38	000593-45-3	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

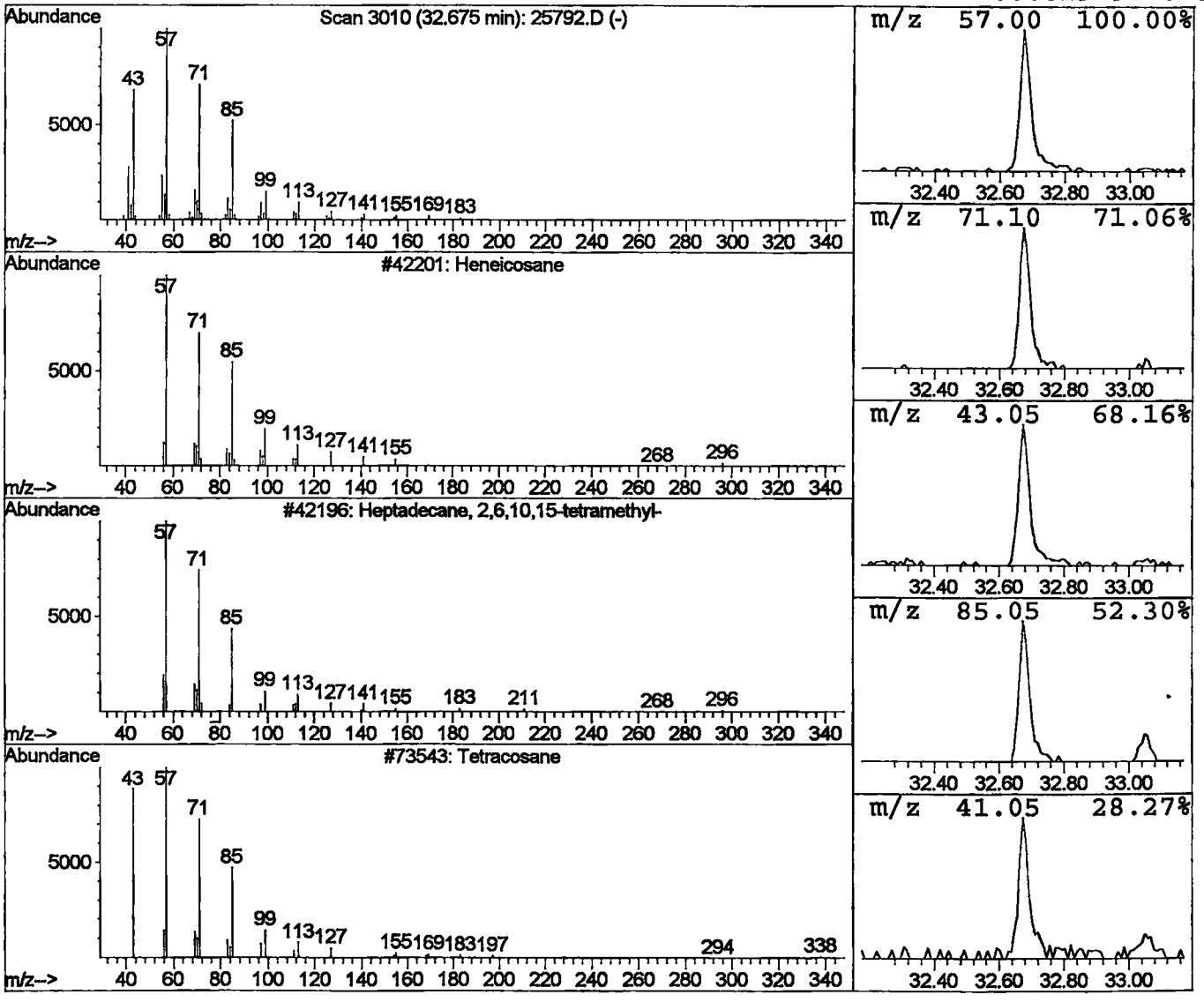
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.67	0.50 ug/l	130662	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane	310	C22H46	000629-97-0	87



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1901\25792.D
Acq On : 20 Nov 2001 2:02 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

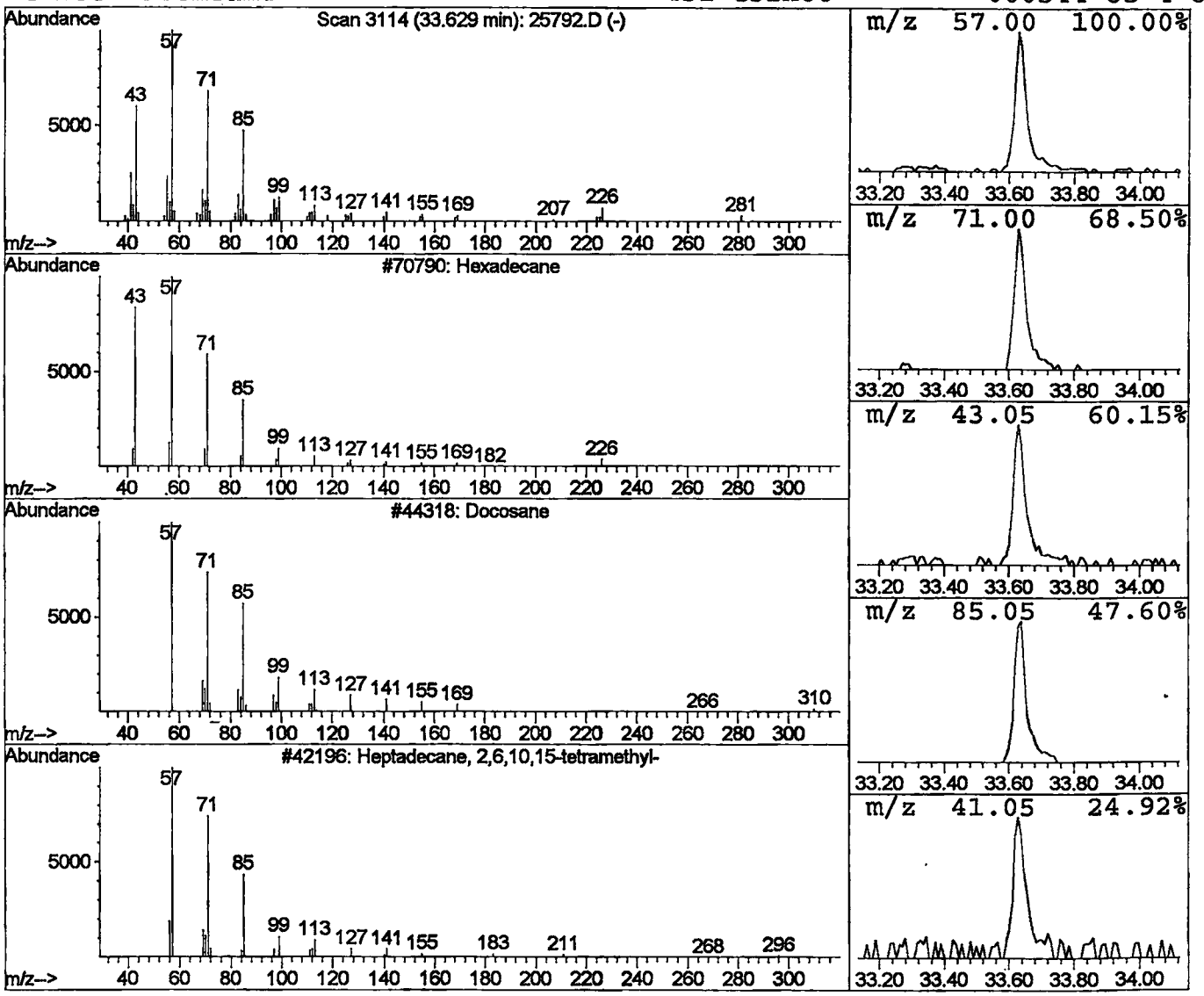
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.63	0.40 ug/l	105006	Chrysene-d12	33.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Docosane	310	C22H46	000629-97-0	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Dotriacontane	451	C32H66	000544-85-4	86



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Nov 2001 2:02 am
Data File: C:\HPCHEM\1\DATA\NOV1901\25792.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	7.70	0.6	ug/l	109361	ISTD01	11.71	3849570	20.0
Butyl hexadecanoate	29.45	1.0	ug/l	256018	ISTD05	33.05	5235020	20.0
Heneicosane	30.65	0.4	ug/l	108898	ISTD05	33.05	5235020	20.0
Butyl tetradecanoate	31.59	0.7	ug/l	186282	ISTD05	33.05	5235020	20.0
Hexadecane	31.68	0.8	ug/l	220994	ISTD05	33.05	5235020	20.0
Heneicosane	32.67	0.5	ug/l	130662	ISTD05	33.05	5235020	20.0
Hexadecane	33.63	0.4	ug/l	105006	ISTD05	33.05	5235020	20.0

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Turn up