

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/28/2001 Time: 09:56:39

Sample: AD25073
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/28/01 09:55 Ended: 11/28/01 09:55 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25073 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-28-2001 Time: 09:56:47

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\NOV0901\25073.D

Vial: 14

Acq On : 10 Nov 2001 1:05 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 27 10:58 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	545595	20.00	ug/l	-0.02
19) Naphthalene-d8	15.31	136	2087161	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1054695	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1525585m	20.00	ug/l	-0.02
59) Chrysene-d12	33.05	240	1078769	20.00	ug/l	-0.02
68) Perylene-d12	37.15	264	791283	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	11.71	132	186	0.00	ug/l	0.47
Spiked Amount 75.000			Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.28	152	187	0.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	0.02%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.75	172	1222	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	29.94	244	750	0.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.02%	

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

25073.D GCMS1126.M Tue Nov 27 14:34:43 2001

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D

Vial: 14

Acq On : 10 Nov 2001 1:05 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 27 10:58 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
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	0.00	128	0	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	0.00	165	0	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) Azobenzene/ 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	0.00	178	0	N.D.	d	
56) Anthracene	0.00	178	0	N.D.	d	
57) Di-n-butylphthalate	0.00	149	0	N.D.	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	33.05	228	2873	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	1212	N.D.		
67) Chrysene	33.05	228	2873	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D
 Acq On : 10 Nov 2001 1:05 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 27 10:58 2001

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	2975	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
 25073.D GCMS1126.M Tue Nov 27 14:34:48 2001

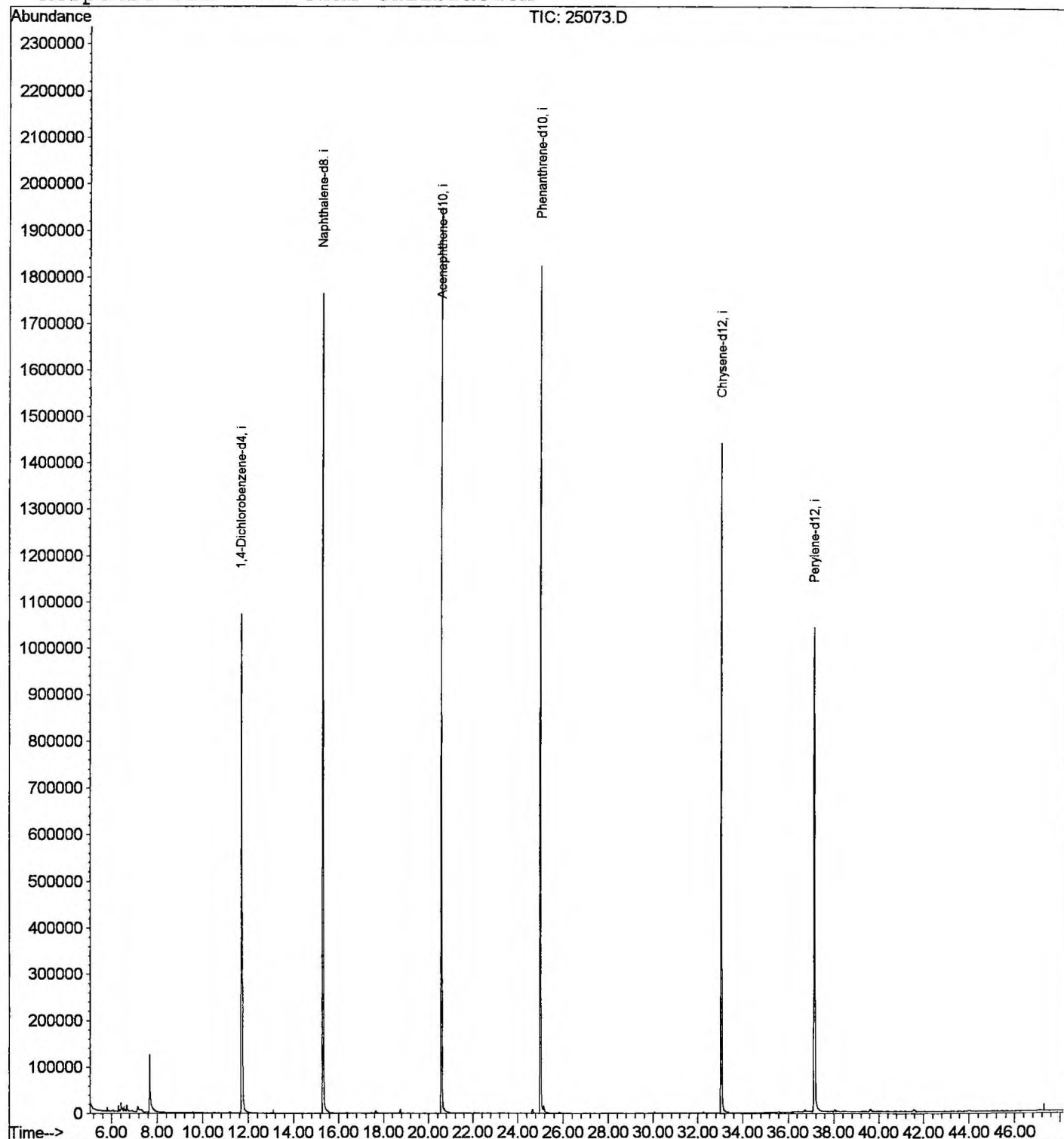
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D
Acq On : 10 Nov 2001 1:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 27 10:58 2001

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D

Vial: 14

Acq On : 10 Nov 2001 1:05 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	6.427	147	151	162	rVV	18689	57485	1.37%	0.266%
2	7.685	284	288	303	rBV	124112	347318	8.28%	1.610%
3	11.706	721	726	750	rBV	1072669	2837709	67.63%	13.152%
4	15.314	1113	1119	1136	rBV	1764307	3797822	90.51%	17.602%
5	20.593	1688	1694	1708	rBV	1946975	4196062	100.00%	19.448%
6	25.018	2169	2176	2188	rBV2	1826026	3975972	94.75%	18.428%
7	33.050	3044	3051	3071	rBV2	1441884	3400037	81.03%	15.758%
8	37.154	3489	3498	3517	rBV2	1041630	2963702	70.63%	13.736%

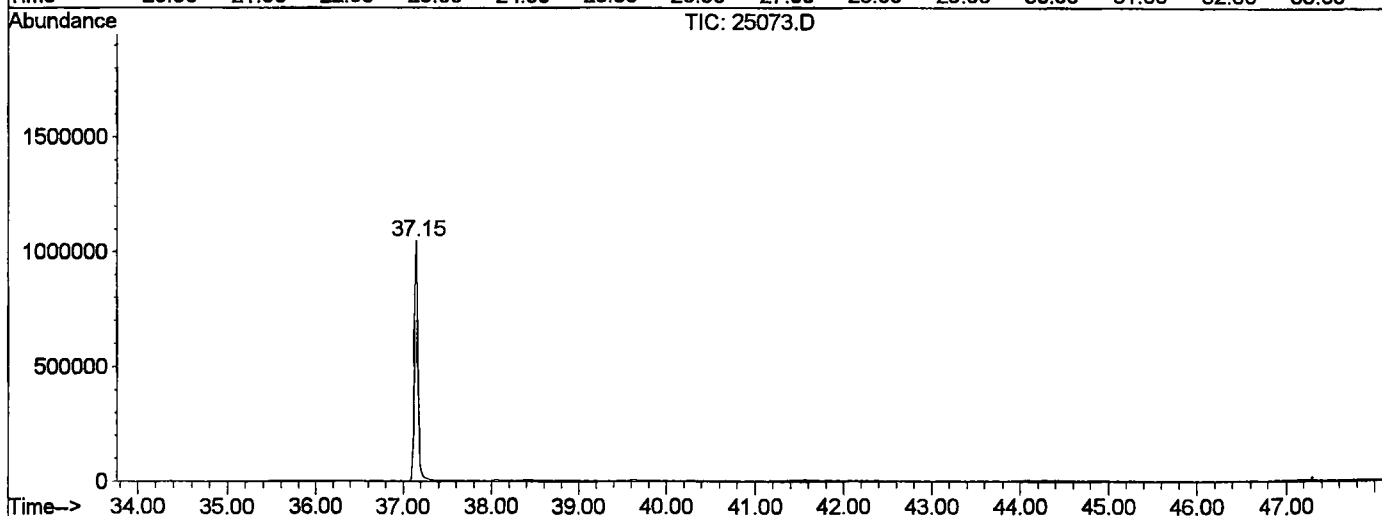
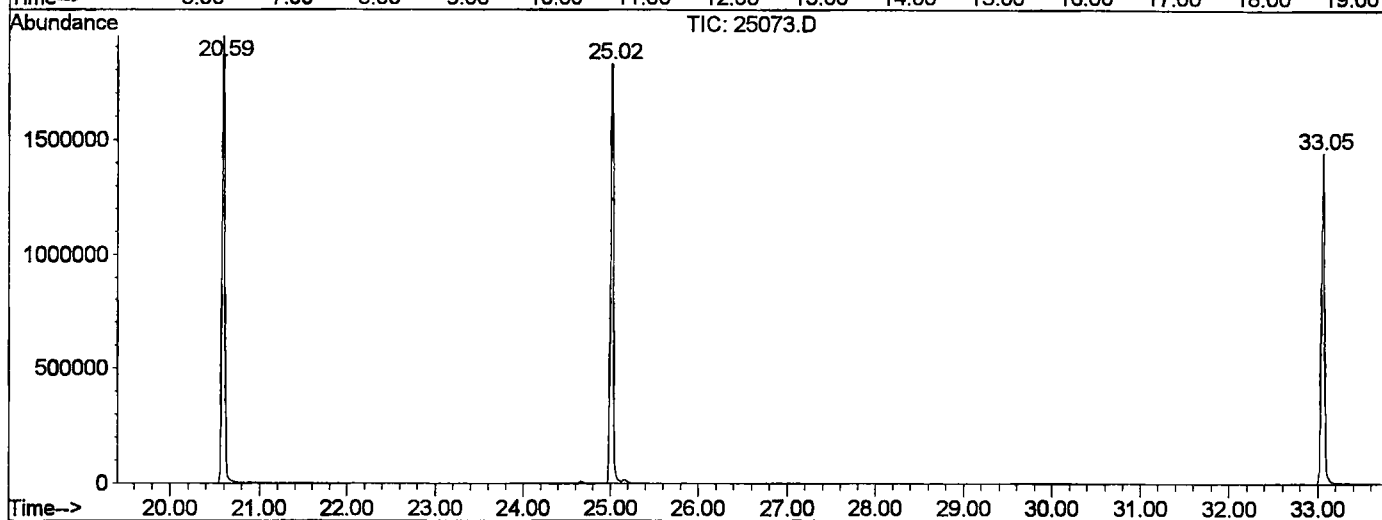
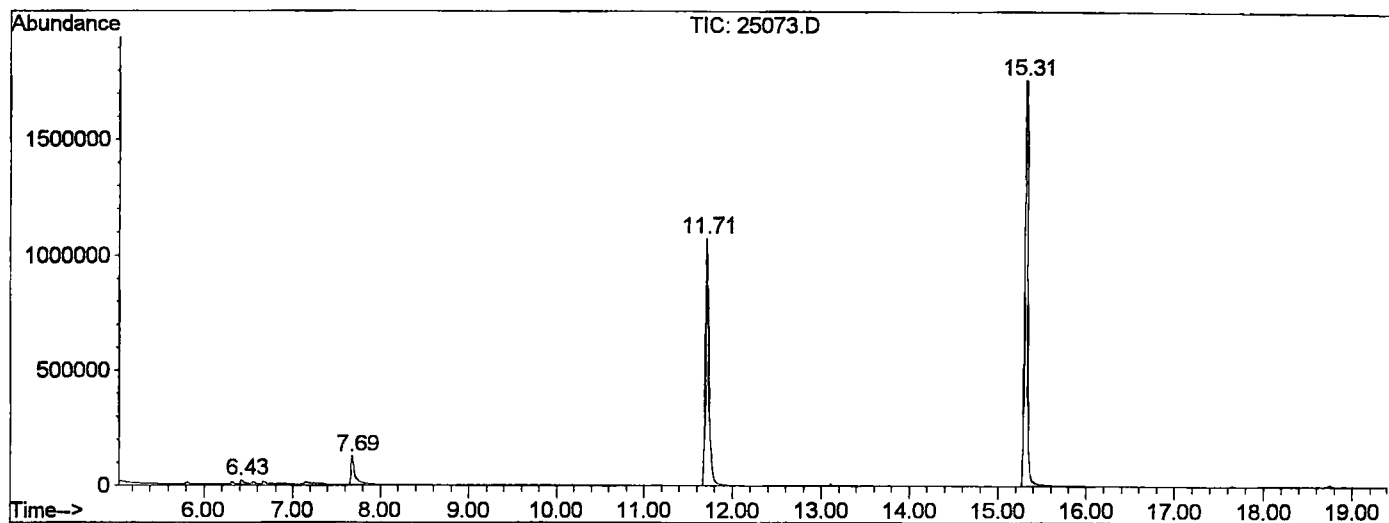
Sum of corrected areas: 21576107

25073.D NP103001.M

Tue Nov 27 11:11:49 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0901\25073.D
Operator : 209 GALOS
Acquired : 10 Nov 2001 1:05 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 14
Quant File :NP103001.RES (RTE Integrator)



25073.D NP103001.M Tue Nov 27 11:11:52 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D
Acq On : 10 Nov 2001 1:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

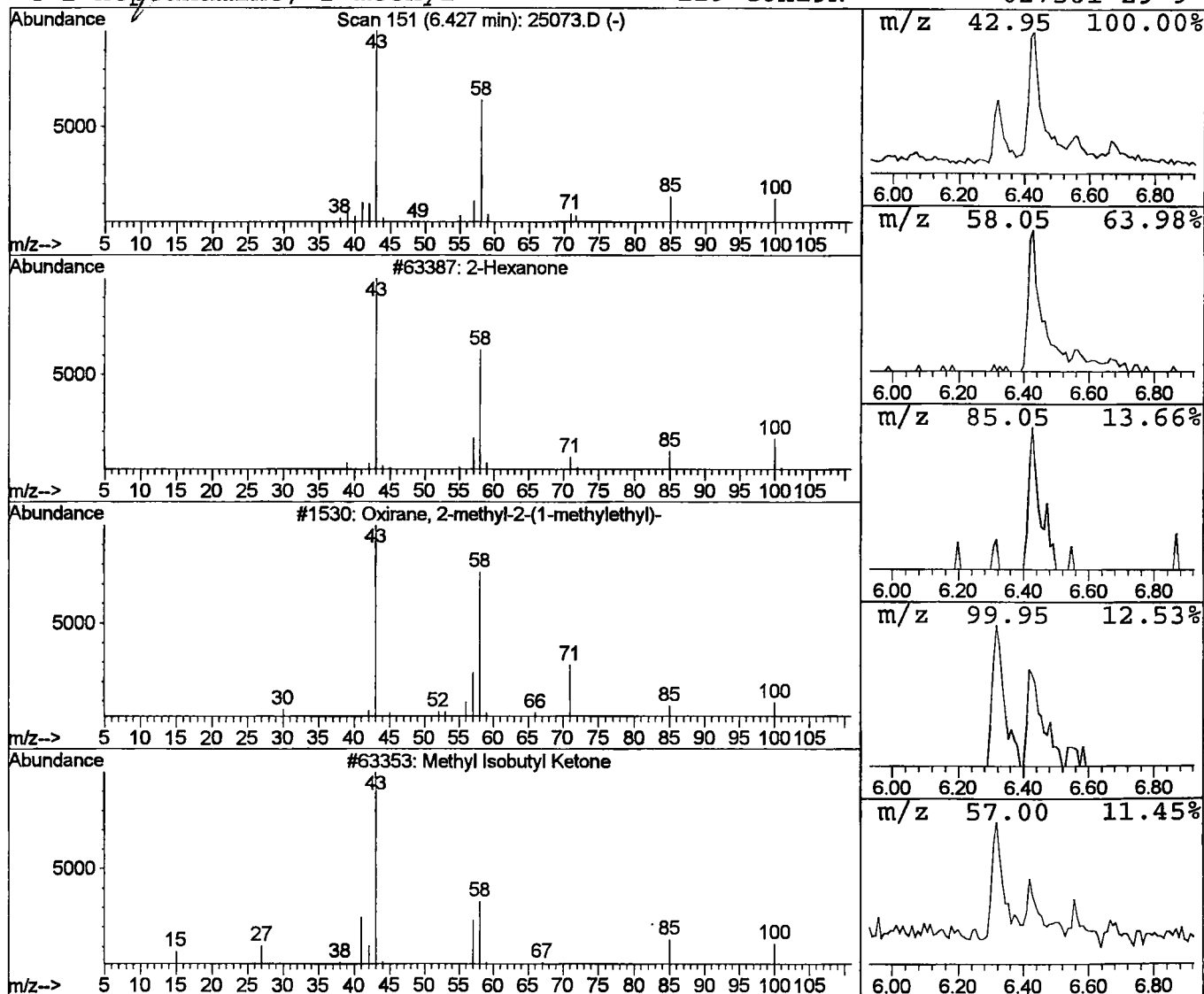
Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	0.41 ug/l	57485	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	72
2			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	59
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	47
4			2-Heptanamine, 2-methyl-	129	C8H19N	027581-29-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0901\25073.D
Acq On : 10 Nov 2001 1:05 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

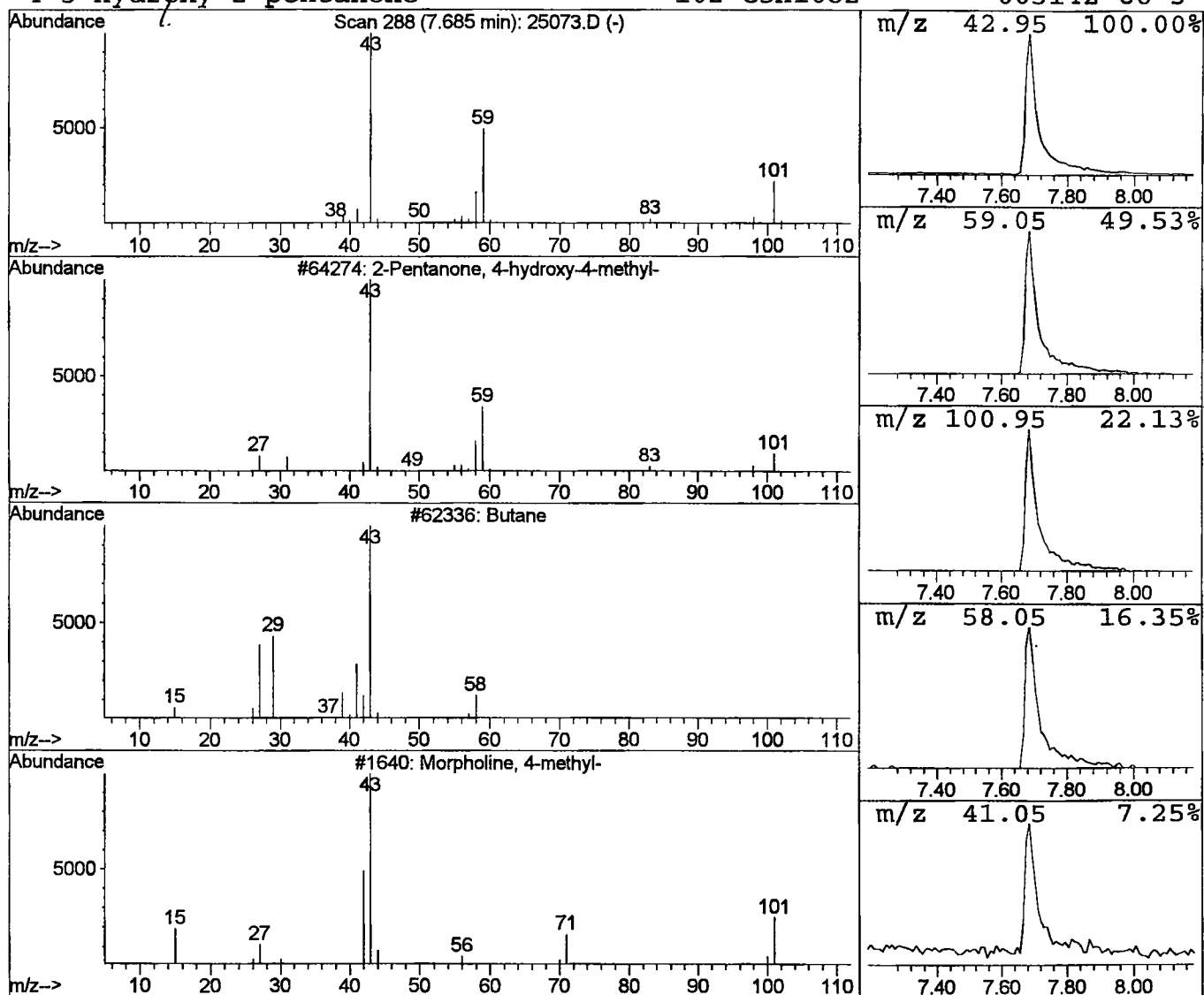
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.45 ug/l	347318	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	56
2			Butane	58	C4H10	000106-97-8	9
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Nov 2001 1:05 am
Data File: C:\HPCHEM\1\DATA\NOV0901\25073.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-Hexanone	6.43	0.4	ug/l	57485	ISTD01	11.71	2837710	20.0
2-Pentanone, 4-hydro	7.69	2.4	ug/l	347318	ISTD01	11.71	2837710	20.0

25073.D NP103001.M Tue Nov 27 11:11:58 2001