

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 13:14:14

Sample: AD27955
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 13:12 Ended: 1/2/02 13:12 Analyst: MG
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD27955 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-02-2002 Time: 13:14:47

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\DEC1901\27955.D

Vial: 11

Acq On : 21 Dec 2001 1:17 am

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.86	152	1293897m	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	5185998	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	2285598	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	3428833	20.00	ng/uL	-0.08
59) Chrysene-d12	33.18	240	2430123	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	1300605	20.00	ng/uL	-0.08

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range	18 - 42	Recovery	=	0.00%#
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range	19 - 32	Recovery	=	0.00%#
6) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/uL	
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.00%#
7) 1,2-Dichlorobenzene-d4	0.00	152	0d	0.00	ng/uL	
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.00%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	18.90	172	2824	0.02	ng/uL	0.07
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.04%#
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range	45 - 96	Recovery	=	0.00%#
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range	58 - 98	Recovery	=	0.00%#

Target Compounds

				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitrosodimethylamine	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.

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

27955.D NP112701.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D
 Acq On : 21 Dec 2001 1:17 am
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 21 9:47 2001

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration
 DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17) N-Nitrosodi-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.		
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.	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	22.24	149	6377	N.D.		
46) 4-Chlorophenylphenylether	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	169	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	25.17	178	727	N.D.		
56) Anthracene	25.17	178	727	N.D.		
57) Di-n-butylphthalate	27.14	149	5360	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

27955.D NP112701.M

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Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D

Vial: 11

Acq On : 21 Dec 2001 1:17 am

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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	33.17	228	5793	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.41	149	21934	N.D.		
67) Chrysene	33.17	228	5793	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.26	252	4100	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

27955.D NP112701.M

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Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D

Acq On : 21 Dec 2001 1:17 am

Sample : gcms unknown 11/20

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 2001

Vial: 11

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

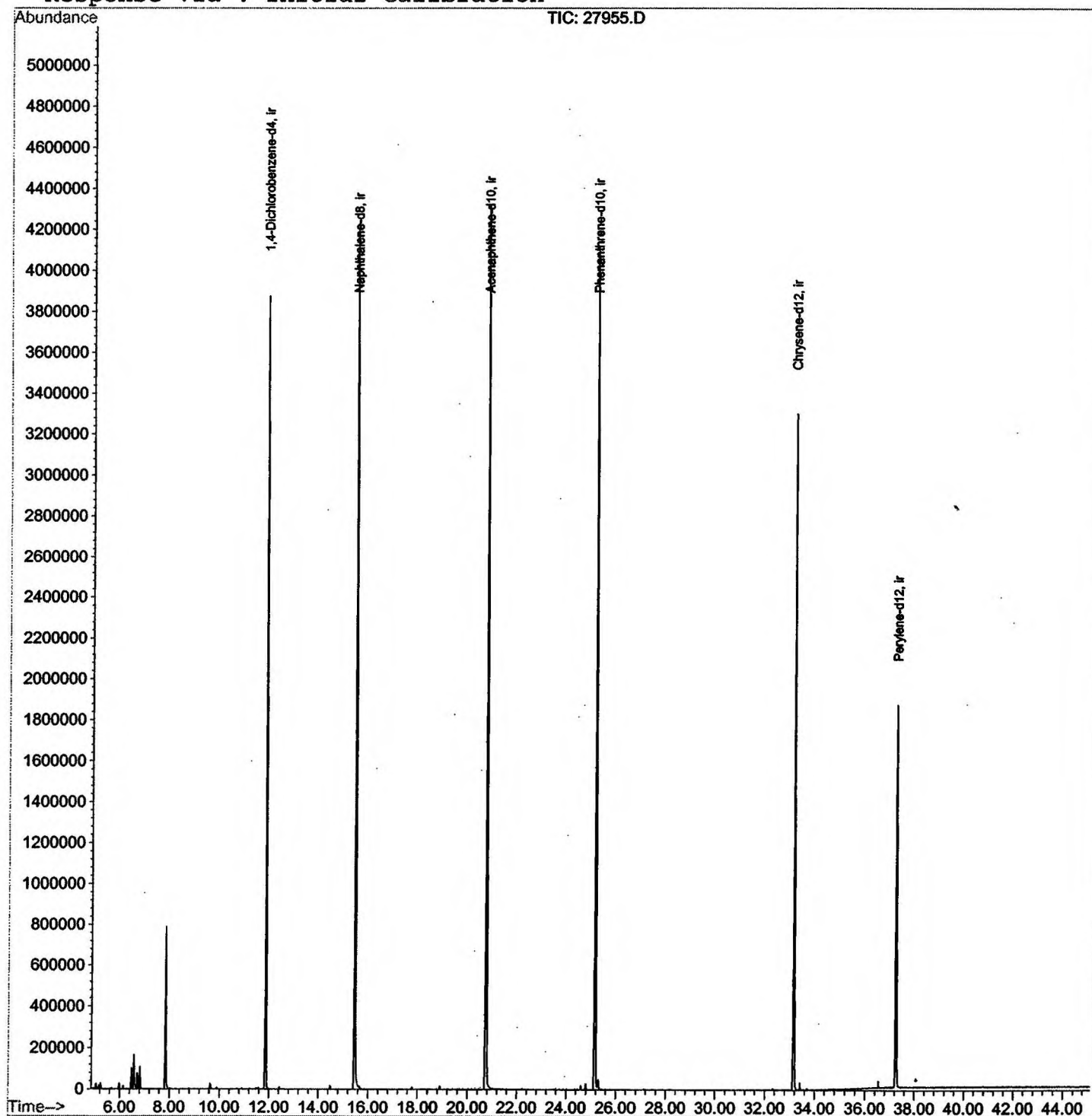
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D

Vial: 11

Acq On : 21 Dec 2001 1:17 am

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/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	6.472	173	178	184	rBV	101971	183371	1.73%	0.335%
2	6.573	184	189	199	rVV	166243	356892	3.36%	0.652%
3	6.710	199	204	210	rVV	79178	149271	1.40%	0.273%
4	6.820	211	216	223	rVB	107852	209932	1.98%	0.383%
5	7.838	323	327	340	rBV	787195	1507457	14.19%	2.752%
6	11.864	760	766	777	rVB	3873011	8118467	76.40%	14.822%
7	15.477	1152	1160	1177	rBV	4227428	10625889	100.00%	19.400%
8	20.750	1726	1735	1748	rBV	4322910	10288968	96.83%	18.785%
9	25.160	2206	2216	2226	rBV2	4119044	9876873	92.95%	18.032%
10	25.298	2226	2231	2237	rVB	46164	115274	1.08%	0.210%
11	33.175	3080	3090	3100	rBV2	3298166	8143658	76.64%	14.868%
12	37.256	3525	3535	3546	rBV2	1859622	5197067	48.91%	9.488%

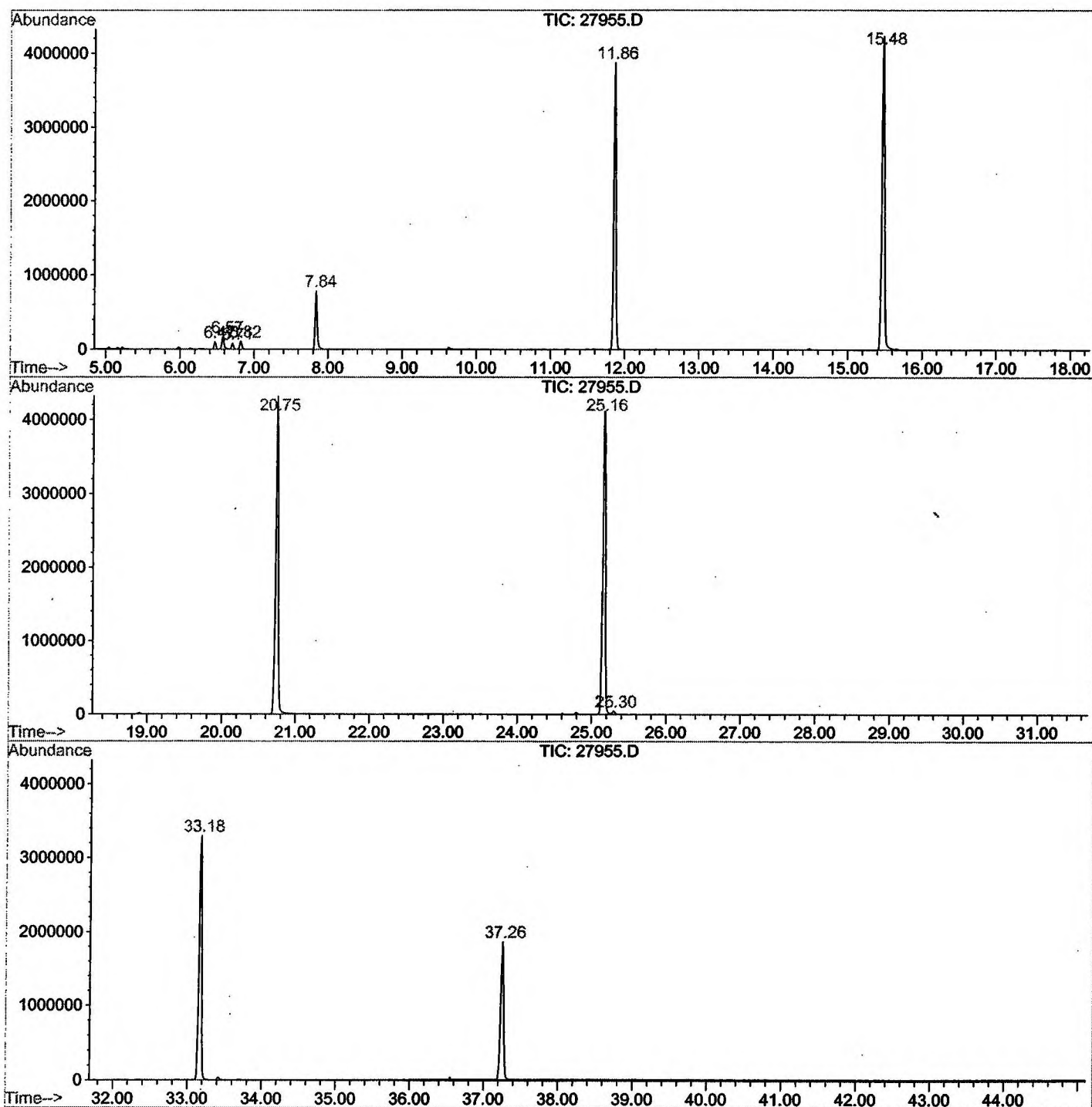
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27955.D NP112701.M

Fri Dec 21 09:59:38 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27955.D
 Operator : GALOS
 Acquired : 21 Dec 2001 1:17 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/20
 Misc Info :
 Vial Number: 11
 Quant File :NP112701.RES (RTE Integrator)



27955.D NP112701.M

Fri Dec 21 09:59:41 2001

Library Search Compound Report

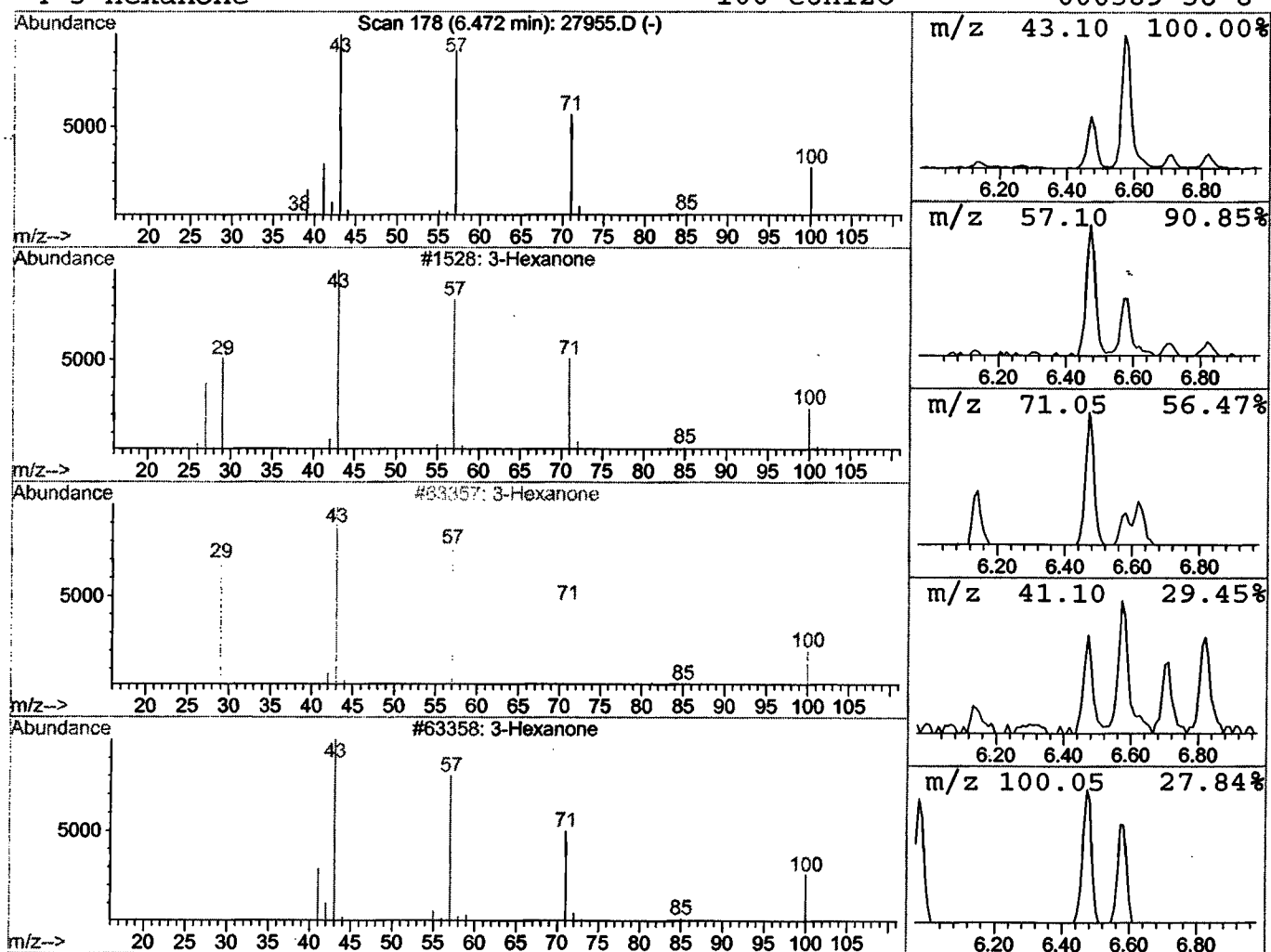
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 Acq On : 21 Dec 2001 1:17 am
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.47	0.45 ng/uL	183371	1,4-Dichlorobenzene-d4	11.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	90
4	3-Hexanone	100	C6H12O	000589-38-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D
 Acq On : 21 Dec 2001 1:17 am
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: LSCINT.P

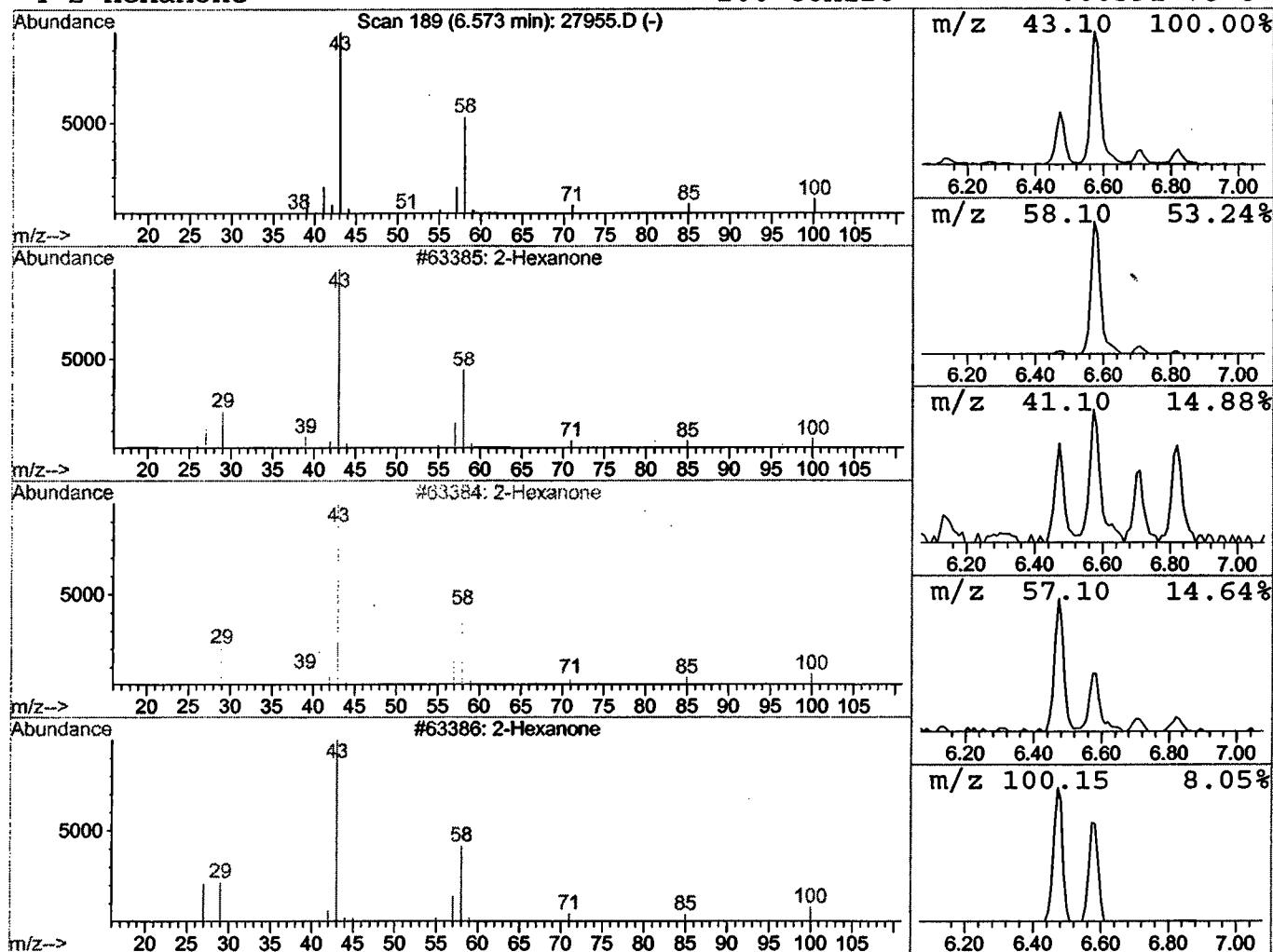
Vial: 11
 Operator: GALOS
 Inst: GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.88 ng/uL	356892	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone			100	C6H12O	000591-78-6	91
2	2-Hexanone			100	C6H12O	000591-78-6	91
3	2-Hexanone			100	C6H12O	000591-78-6	90
4	2-Hexanone			100	C6H12O	000591-78-6	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D
Acq On : 21 Dec 2001 1:17 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

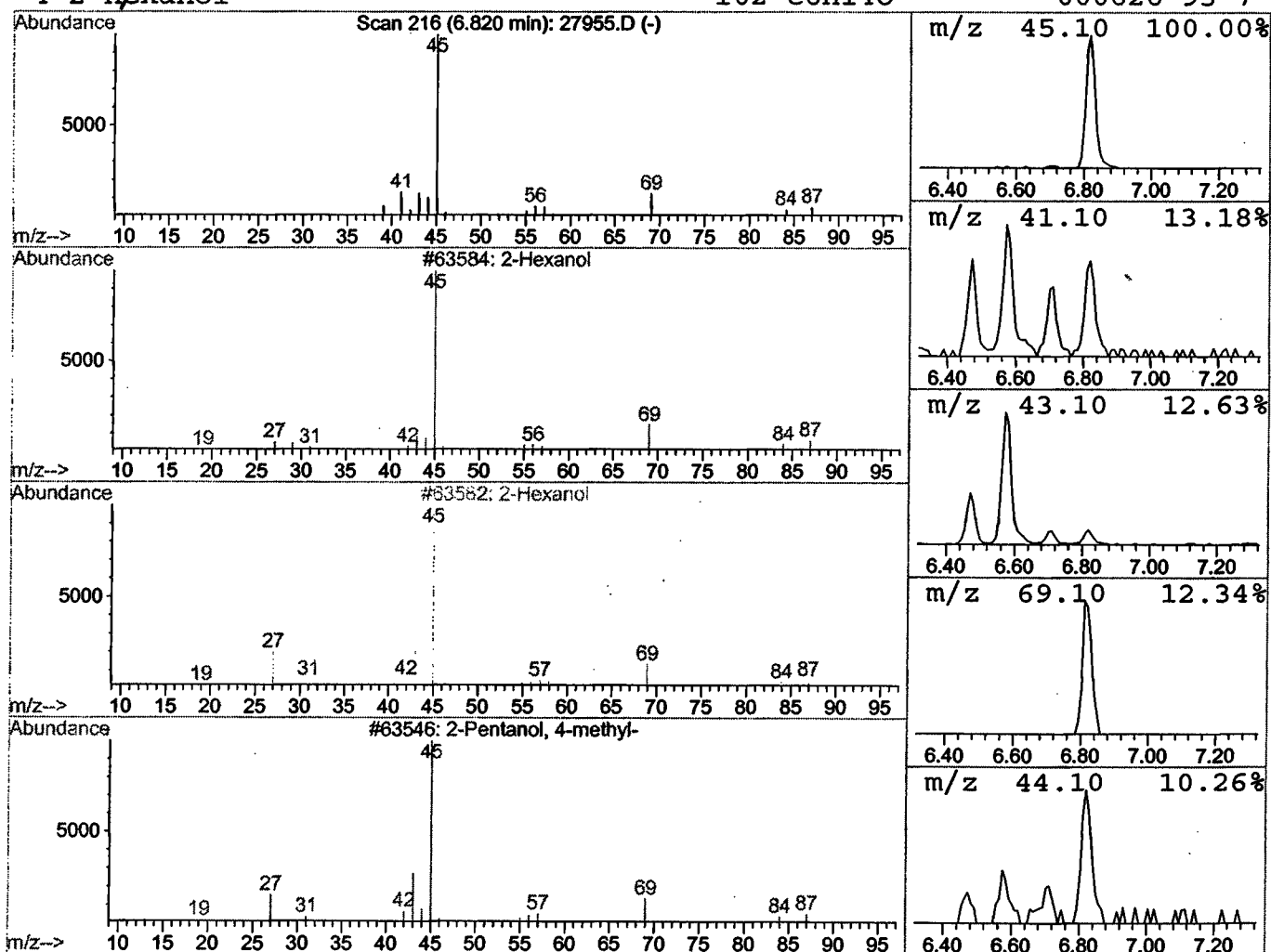
Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 3 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	0.52 ng/uL	209932	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol			102	C6H14O	000626-93-7	83
2	2-Hexanol			102	C6H14O	000626-93-7	74
3	2-Pentanol, 4-methyl-			102	C6H14O	000108-11-2	74
4	2-Hexanol			102	C6H14O	000626-93-7	74



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27955.D

Acq On : 21 Dec 2001 1:17 am

Sample : gcms unknown 11/20

Misc :

MS Integration Params: LSCINT.P

Vial: 11

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

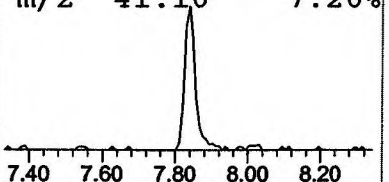
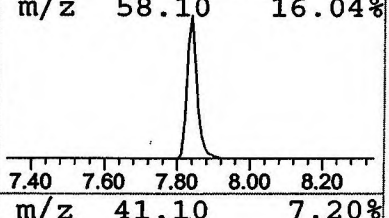
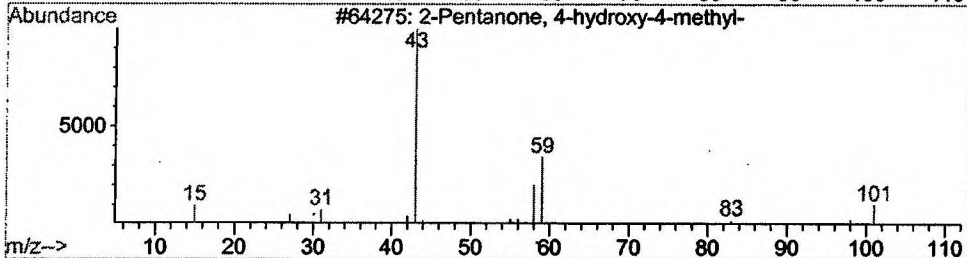
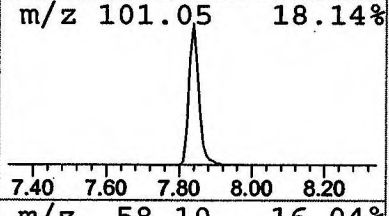
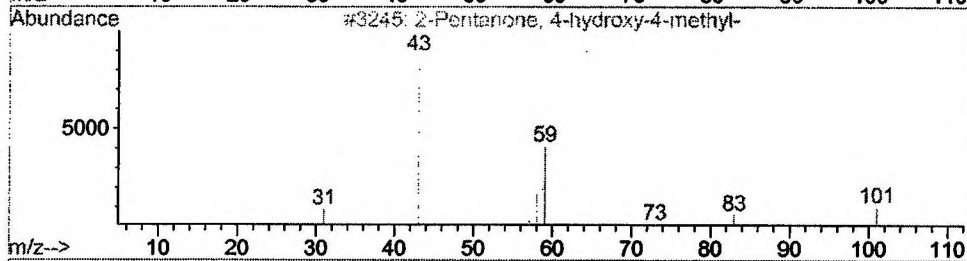
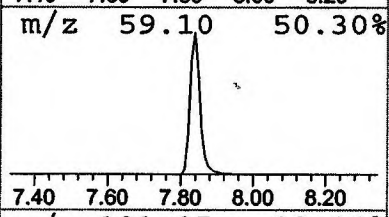
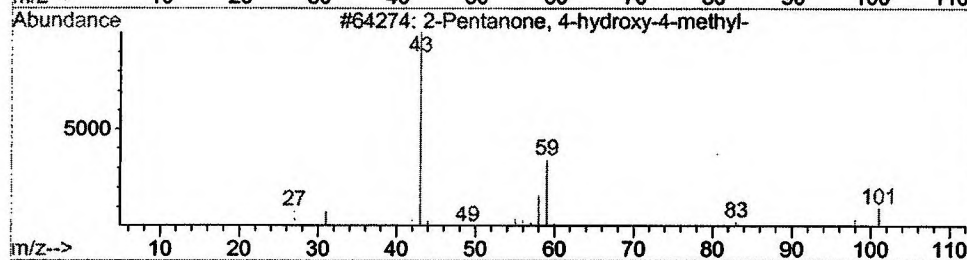
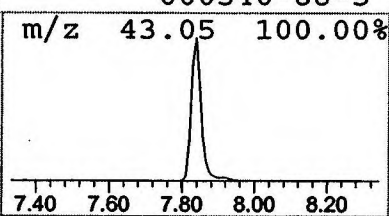
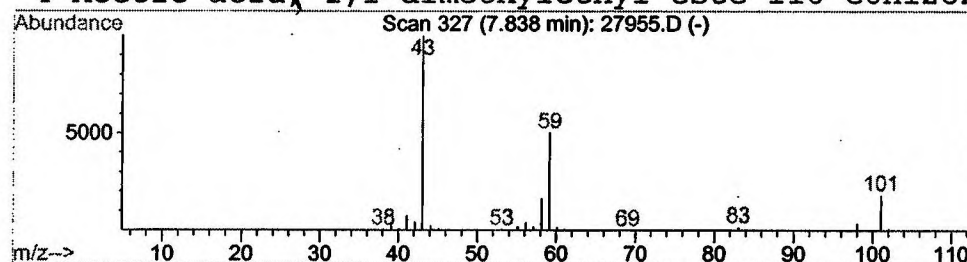
Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.71 ng/uL	1507460	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 1:17 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27955.D
Name: gcms unknown 11/20
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.47	0.5	ng/uL	183371	ISTD01	11.86	8118470	20.0
2-Hexanone	6.57	0.9	ng/uL	356892	ISTD01	11.86	8118470	20.0
2-Hexanol	6.82	0.5	ng/uL	209932	ISTD01	11.86	8118470	20.0
2-Pentanone, 4-hydro	7.84	3.7	ng/uL	1507460	ISTD01	11.86	8118470	20.0

27955.D NP112701.M Fri Dec 21 10:00:05 2001