

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/11/2001 Time: 16:32:54

Sample: AD27190
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/11/01 16:30 Ended: 12/11/01 16:30 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 AD27190 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-11-2001 Time: 16:32:58

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\DEC0701\27190.D

Vial: 16

Acq On : 8 Dec 2001 7:47 am

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:32 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	11.88	152	874215	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.48	136	3282084	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1511888	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2198679	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1376700	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	930705	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	0	0.00	ng/uL	
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.00%#
7) 1,2-Dichlorobenzene-d4	12.10	152	1241	0.03	ng/uL	-0.35
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.06%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	18.91	172	1533	0.02	ng/uL	0.08
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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27190.D

Vial: 16

Acq On : 8 Dec 2001 7:47 am

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:32 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
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	0.00	149	0	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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.16	149	1538	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27190.D

Vial: 16

Acq On : 8 Dec 2001 7:47 am

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:32 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	2647	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.43	149	5797	N.D.		
67) Chrysene	33.17	228	2647	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	2519	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

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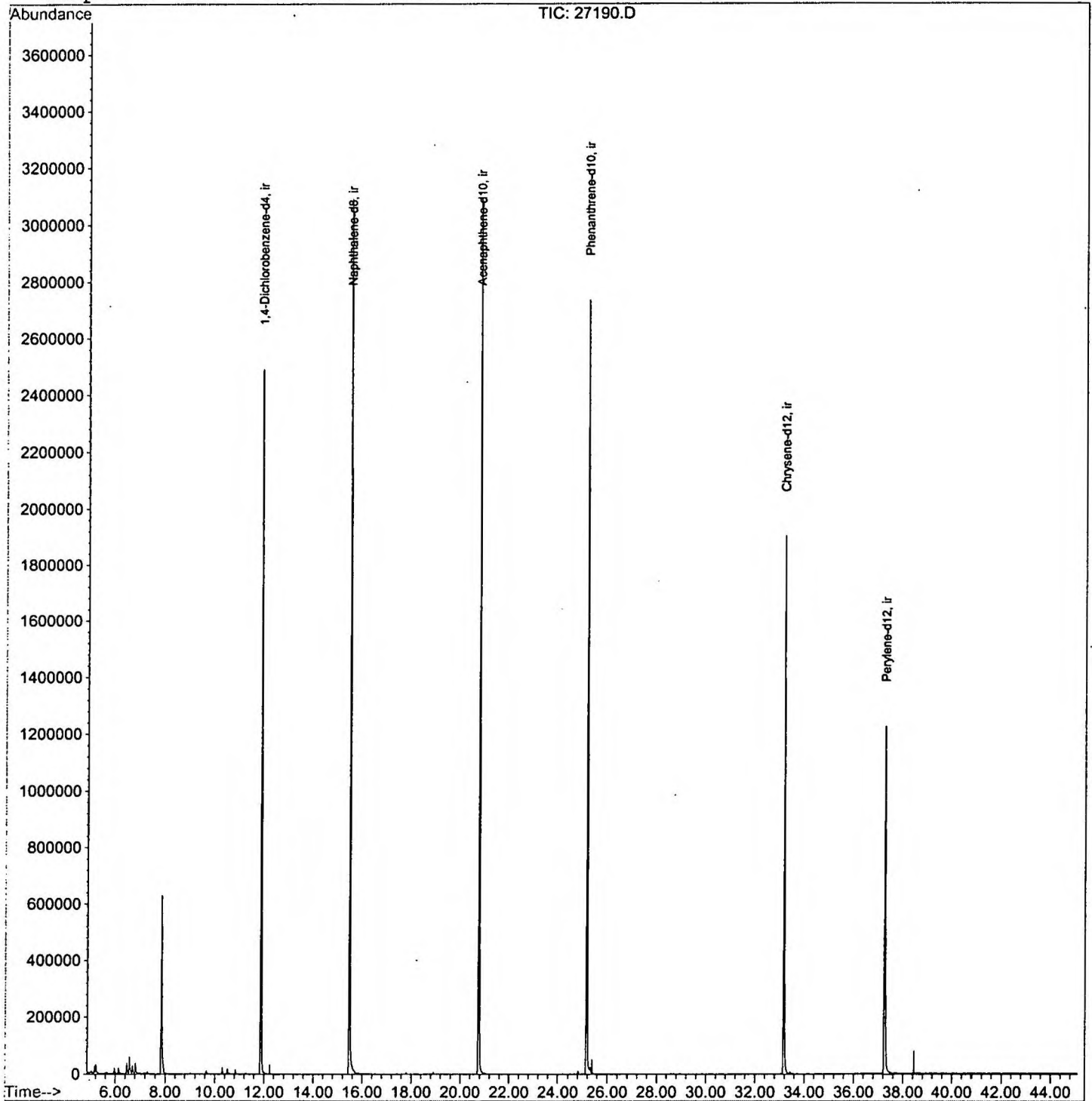
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27190.D
 Acq On : 8 Dec 2001 7:47 am
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 10 9:32 2001

Vial: 16
 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\DEC0701\27190.D

Vial: 16

Acq On : 8 Dec 2001 7:47 am

Operator: GALOS

Sample : gc/ms unknown 11/13

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	5.218	37	41	51	rVB	31913	71758	1.07%	0.208%
2	6.474	173	178	184	rBV	39441	84419	1.25%	0.245%
3	6.575	185	189	200	rVV	60192	150311	2.23%	0.436%
4	6.823	211	216	227	rVV	36814	86072	1.28%	0.249%
5	7.841	323	327	344	rBV	629426	1374745	20.42%	3.984%
6	11.875	761	767	779	rBV	2490735	5384929	79.97%	15.604%
7	15.479	1154	1160	1178	rBV	3091081	6646849	98.71%	19.261%
8	20.752	1729	1735	1754	rBV	3095559	6733487	100.00%	19.512%
9	25.163	2210	2216	2229	rBV2	2736318	6152676	91.37%	17.829%
10	25.310	2229	2232	2240	rVB3	23458	68663	1.02%	0.199%
11	33.168	3083	3089	3109	rBV2	1901913	4363469	64.80%	12.644%
12	37.258	3526	3535	3553	rBV2	1225867	3391663	50.37%	9.828%

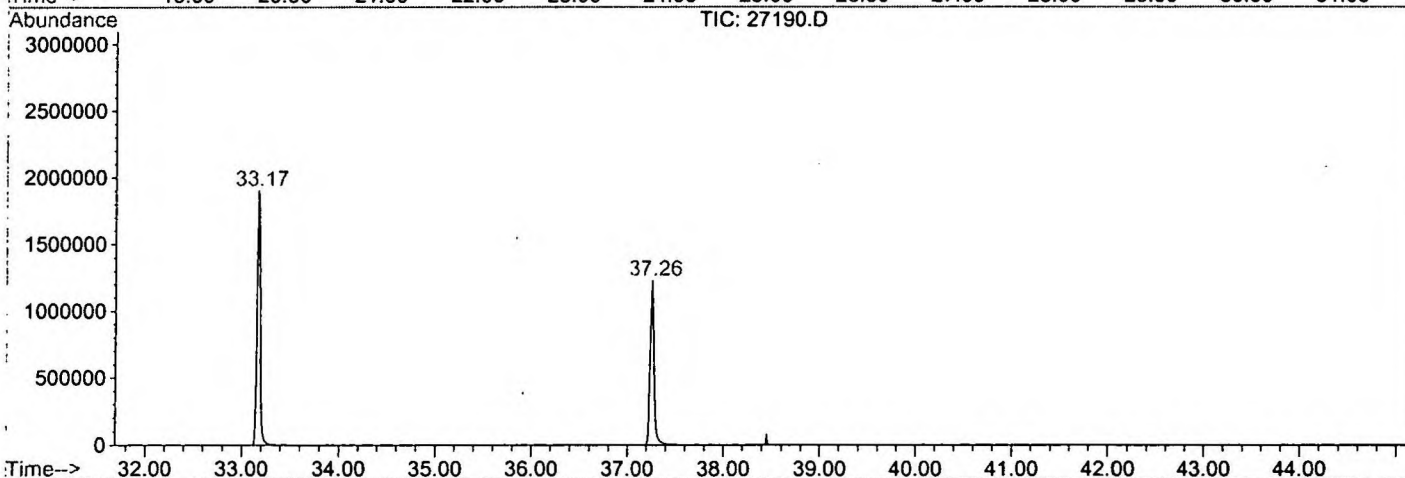
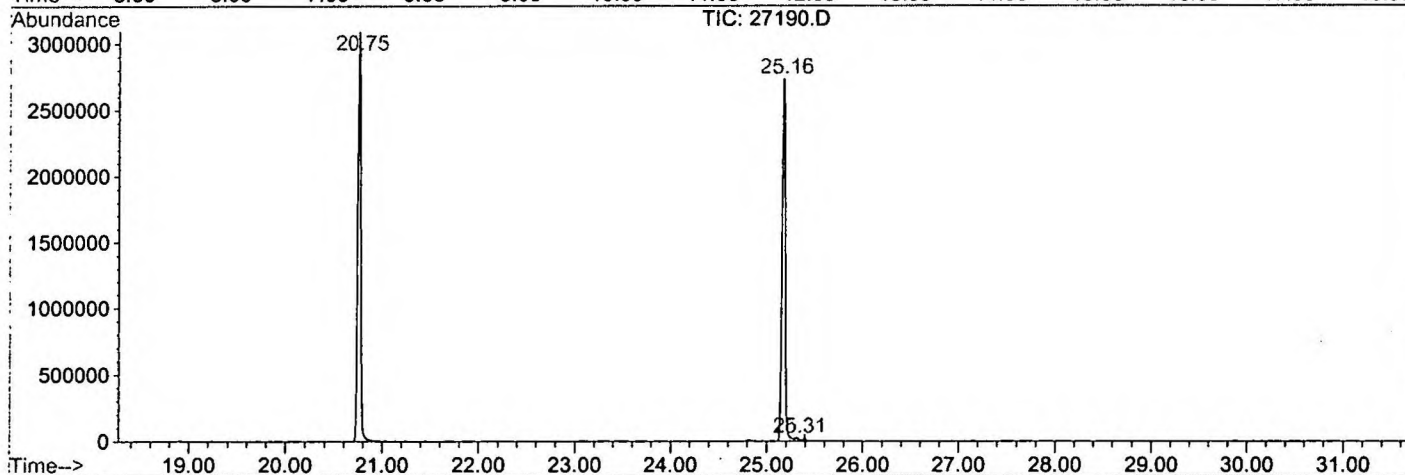
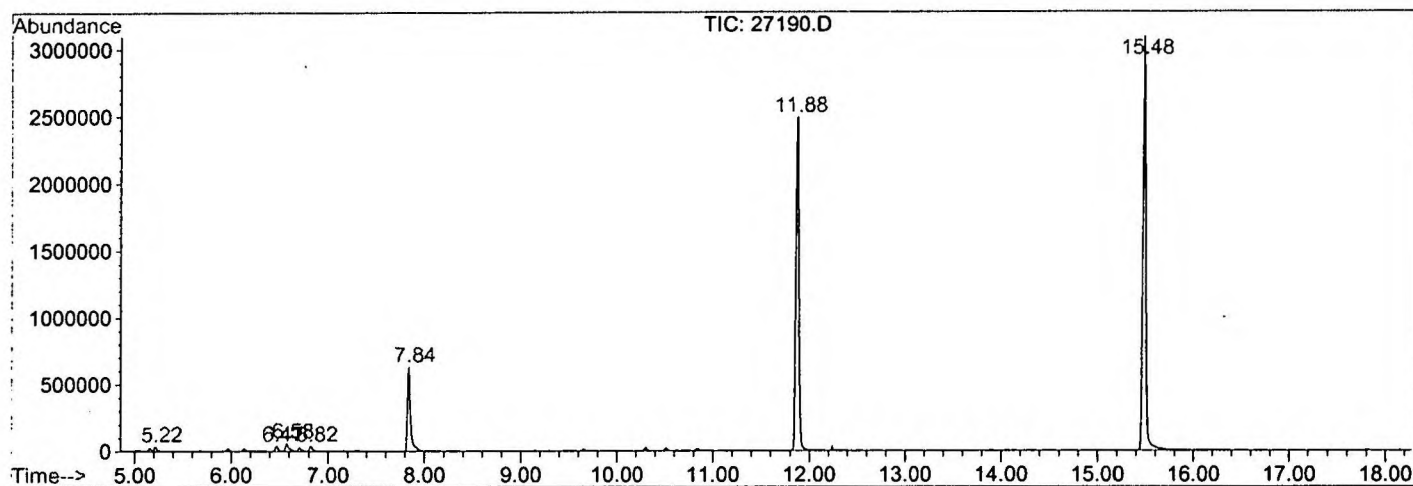
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27190.D NP112701.M

Tue Dec 11 15:13:33 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\27190.D
 Operator : GALOS
 Acquired : 8 Dec 2001 7:47 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/13
 Misc Info :
 Vial Number: 16
 Quant File :NP112701.RES (RTE Integrator)



27190.D NP112701.M

Tue Dec 11 15:13:35 2001

Library Search Compound Report

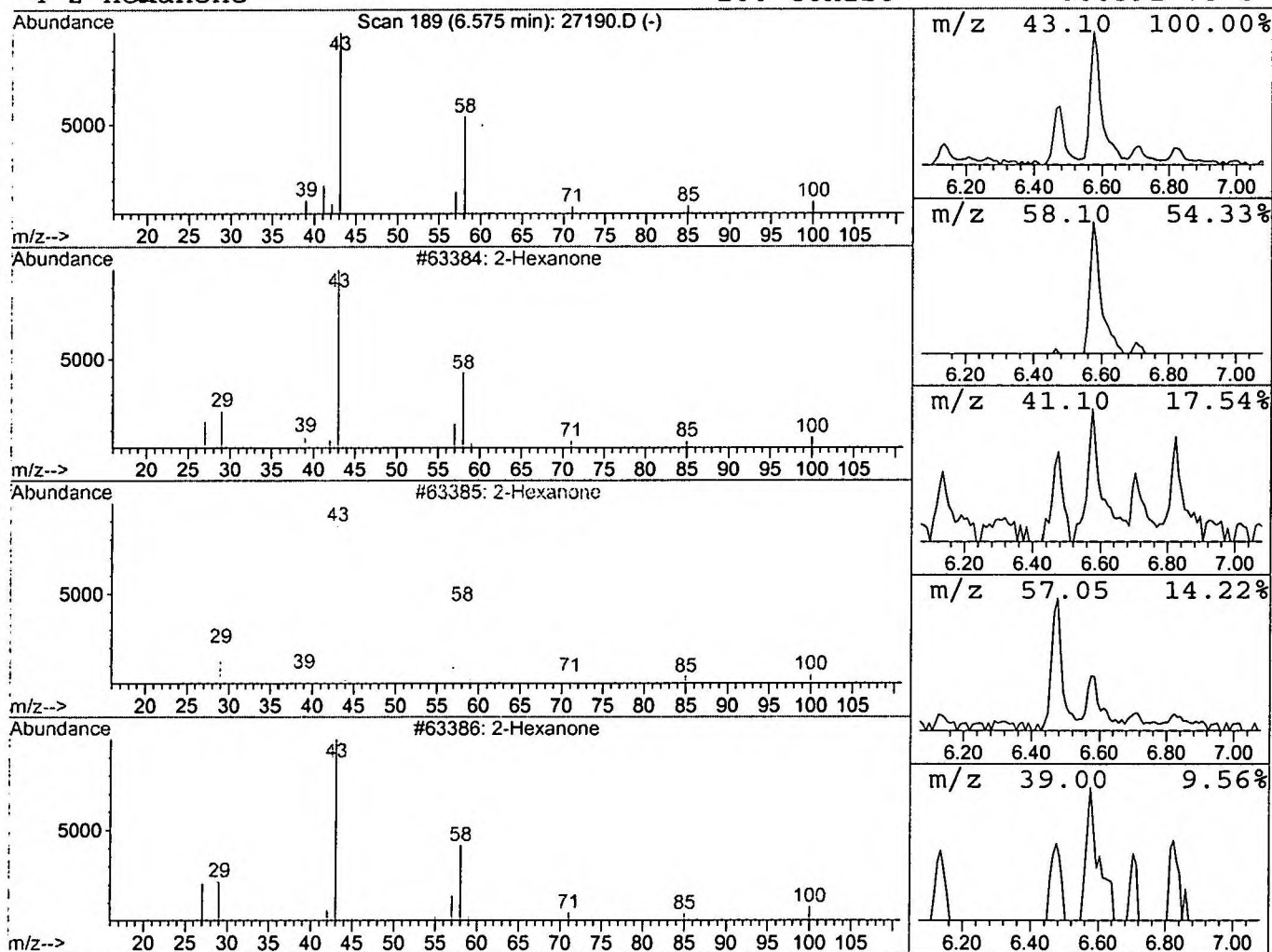
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 Acq On : 8 Dec 2001 7:47 am
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 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 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.58	0.56 ng/uL	150311	1,4-Dichlorobenzene-d4	11.88	
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\DEC0701\27190.D

Acq On : 8 Dec 2001 7:47 am

Sample : gc/ms unknown 11/13

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

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

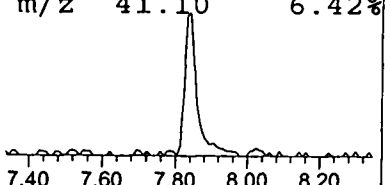
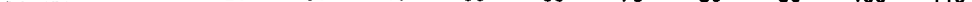
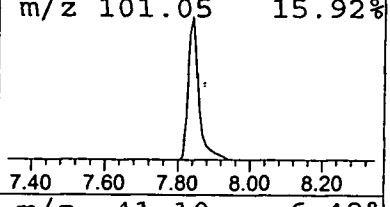
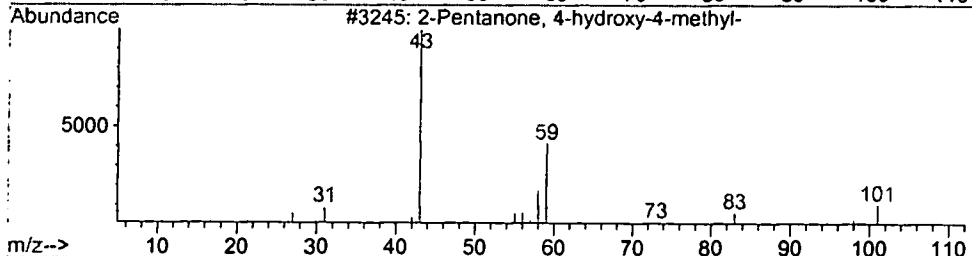
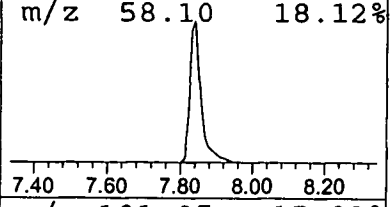
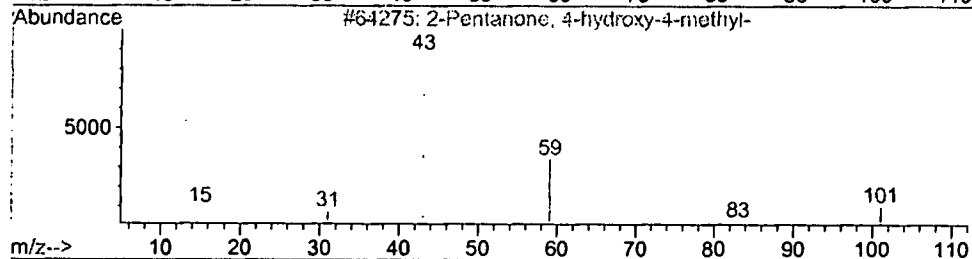
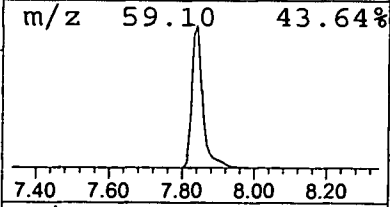
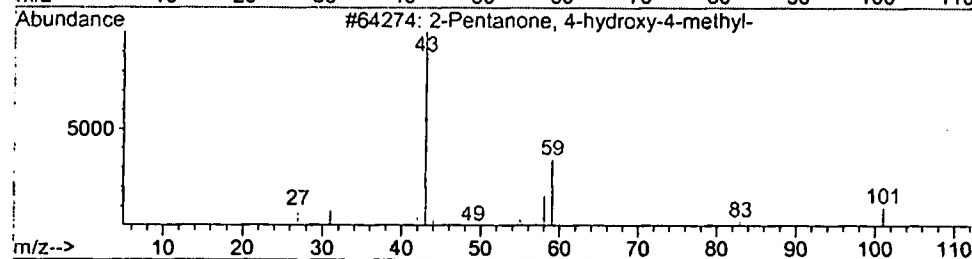
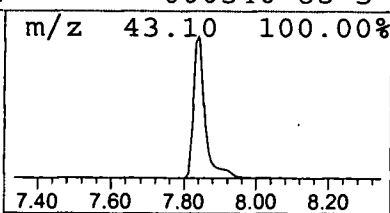
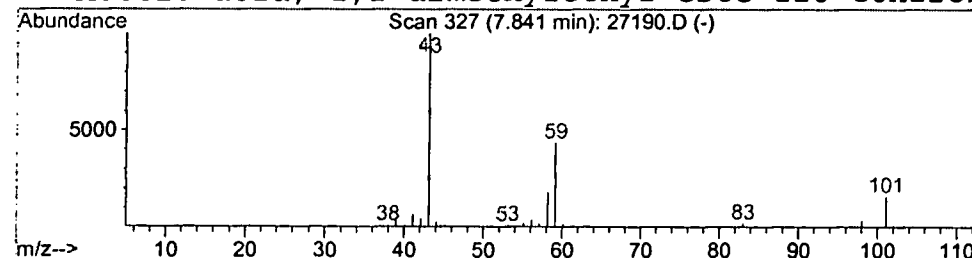
Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.11 ng/uL	1374750	1,4-Dichlorobenzene-d4	11.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 8 Dec 2001 7:47 am
Data File: C:\HPCHEM\1\DATA\DEC0701\27190.D
Name: gc/ms unknown 11/13
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
2-Hexanone	6.58	0.6	ng/uL	150311	ISTD01	11.88	5384930	20.0
2-Pentanone, 4-hydro	7.84	5.1	ng/uL	1374750	ISTD01	11.88	5384930	20.0

27190.D NP112701.M Tue Dec 11 15:13:41 2001