

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:35:26

Sample: AD27113
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:33 Ended: 12/10/01 14:33 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD27113 - Analysis \$GCMS

Nestchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-10-2001 Time: 14:35:32

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\DEC0501\27113.D

Vial: 13

Acq On : 5 Dec 2001 7:54 pm

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 7 10:32 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)
1,4-Dichlorobenzene-d4	11.87	152	1171624	20.00	ng/uL	-0.07
1 Naphthalene-d8	15.47	136	4507678	20.00	ng/uL	-0.08
2 Acenaphthene-d10	20.76	164	2028725	20.00	ng/uL	-0.07
4 Phenanthrene-d10	25.17	188	2792133	20.00	ng/uL	-0.08
5 Chrysene-d12	33.17	240	1539217	20.00	ng/uL	-0.08
6 Perylene-d12	37.25	264	1041854	20.00	ng/uL	-0.09

System Monitoring Compounds

2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range 18 - 42	Recovery =	0.00%#		
Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range 19 - 32	Recovery =	0.00%#		
2-Chlorophenol-d4	11.87	132	760	0.01	ng/uL	0.45
Spiked Amount	75.000	Range 34 - 84	Recovery =	0.01%#		
1,2-Dichlorobenzene-d4	12.13	152	878	0.02	ng/uL	-0.33
Spiked Amount	50.000	Range 26 - 73	Recovery =	0.04%#		
2-Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery =	0.00%#		
2-Fluorobiphenyl	18.90	172	2284	0.02	ng/uL	0.07
Spiked Amount	50.000	Range 42 - 78	Recovery =	0.04%#		
2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range 45 - 96	Recovery =	0.00%#		
Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range 58 - 98	Recovery =	0.00%#		

Target Compounds

				Qvalue
Pyridine	0.00	79	0	N.D.
N-nitrosodimethylamine	0.00	74	0	N.D.
Phenol	0.00	94	0	N.D.
bis(2-Chloroethyl)ether	0.00	93	0	N.D.
2-Chlorophenol	0.00	128	0	N.D.
1,3-Dichlorobenzene	0.00	146	0	N.D.
1,4-Dichlorobenzene	0.00	146	0	N.D.
1,2-Dichlorobenzene	0.00	146	0	N.D.
2-Methylphenol	0.00	108	0	N.D.
2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
3&4-Methylphenol	0.00	108	0	N.D.
N-Nitrosodi-n-propylamine	0.00	70	0	N.D.
Hexachloroethane	0.00	117	0	N.D.
Nitrobenzene	0.00	77	0	N.D.
Isophorone	0.00	82	0	N.D.

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

27 3.D NP112701.M Fri Dec 07 10:44:08 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27113.D
 Acq On : 5 Dec 2001 7:54 pm
 Sample : gc/ms unknown 11/13
 .SC :
 Integration Params: RTEINT.P
 Start Time: Dec 7 10:32 2001

Vial: 13
 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
2	2-Nitrophenol	0.00	139	0	N.D.		
2	2,4-Dimethylphenol	0.00	107	0	N.D.		
2	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
2	2,4-Dichlorophenol	0.00	162	0	N.D.		
2	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
2	Naphthalene	0.00	128	0	N.D.		
2	Hexachlorobutadiene	0.00	225	0	N.D.		
2	4-Chloro-3-methylphenol	0.00	107	0	N.D.		
2	Hexachlorocyclopentadiene	0.00	237	0	N.D.		
2	2,4,6-Trichlorophenol	0.00	196	0	N.D.		
2	2,4,5-Trichlorophenol	0.00	196	0	N.D.		
2	2-Chloronaphthalene	0.00	162	0	N.D.		
2	Dimethylphthalate	0.00	163	0	N.D.		
2	2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
4	Acenaphthylene	0.00	152	0	N.D.		
4	Acenaphthene	0.00	153	0	N.D.		
4	2,4-Dinitrophenol	0.00	184	0	N.D.		
4	4-Nitrophenol	0.00	65	0	N.D.		
4	2,4-Dinitrotoluene	0.00	165	0	N.D.		
4	Diethylphthalate	0.00	149	0	N.D.		
4	4-Chlorophenylphenylether	0.00	204	0	N.D.		
4	Fluorene	0.00	166	0	N.D.		
4	Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
5	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
5	N-Nitrosodiphenylamine	0.00	169	0	N.D.		
5	4-Bromophenyl-phenylether	0.00	248	0	N.D.		
5	Hexachlorobenzene	0.00	284	0	N.D.		
5	Pentachlorophenol	0.00	266	0	N.D.		
5	Phenanthrene	25.17	178	634	N.D.		
5	Anthracene	25.17	178	634	N.D.		
5	Di-n-butylphthalate	27.17	149	5612	N.D.		
5	Fluoranthene	0.00	202	0	N.D.		
6	3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
6	Benizidine	0.00	184	0	N.D.		
6	Pyrene	0.00	202	0	N.D.		
6	Butylbenzylphthalate	0.00	149	0	N.D.		
6	Benzo(a)anthracene	33.17	228	2947	N.D.		
6	Bis(2-ethylhexyl)phthalate	33.43	149	4627	N.D.		
6	Chrysene	33.17	228	2947	N.D.		
6	Di-n-Octylphthalate	0.00	149	0	N.D.		
7	Benzo(b)fluoranthene	0.00	252	0	N.D.		

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

2 3.D NP112701.M Fri Dec 07 10:44:09 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27113.D

Vial: 13

Acq On : 5 Dec 2001 7:54 pm

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

SC :

Multiplr: 1.00

Integration Params: RTEINT.P

Start Time: Dec 7 10:32 2001

Quant Results File: NP112701.RES

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

Table : 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
7	Benzo(k)fluoranthene	0.00	252	0	N.D.	
7	Benzo(a)pyrene	37.25	252	3377	N.D.	
7	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
7	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
7	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

27 3.D NP112701.M Fri Dec 07 10:44:09 2001

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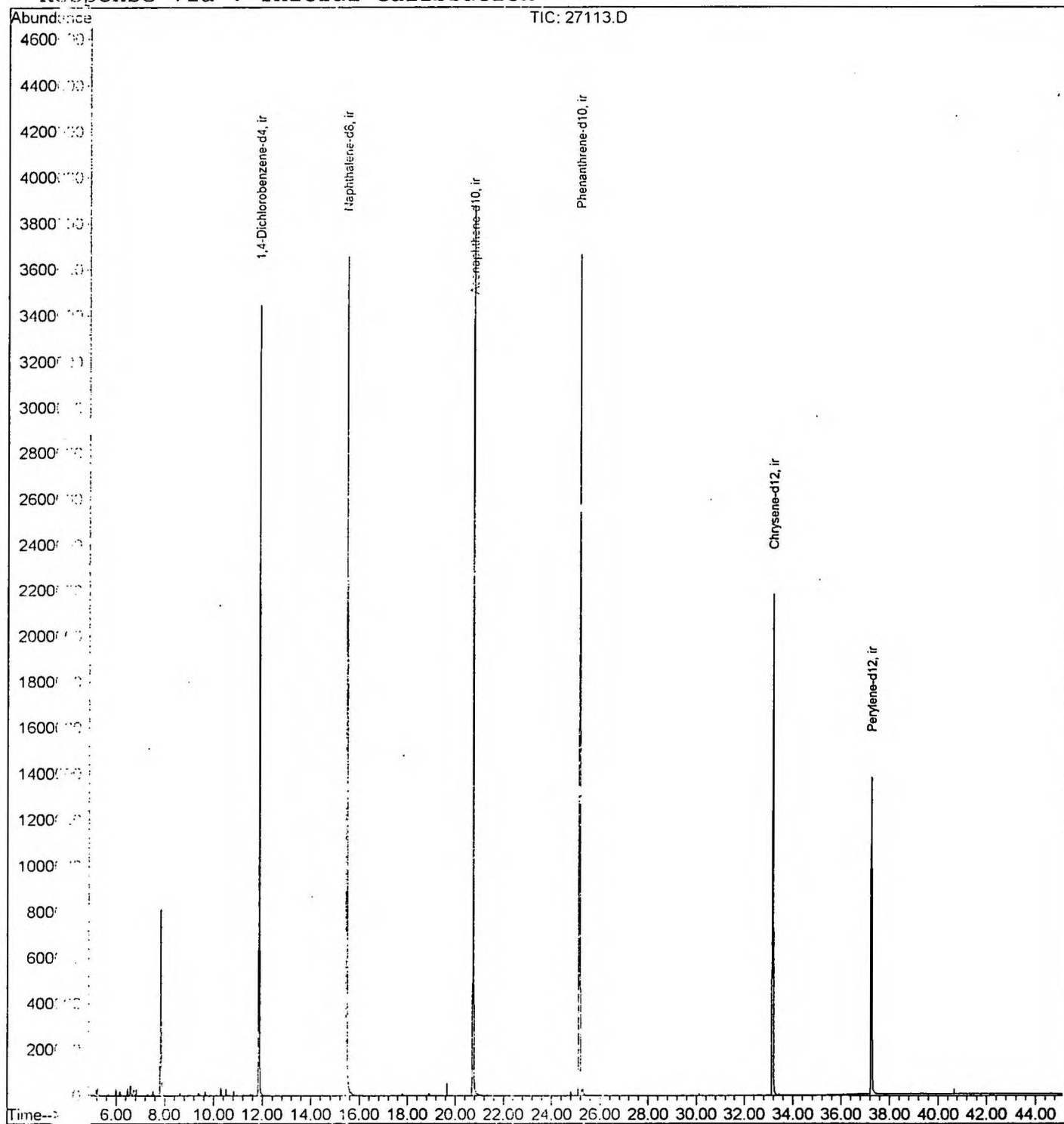
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27113.D
Acq On : 5 Dec 2001 7:54 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:32 2001

Vial: 13
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 : Fri Dec 07 09:59:59 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27113.D

Vial: 13

Acq On : 5 Dec 2001 7:54 pm

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	6.587	185	190	198	rVV	45103	101849	1.12%	0.235%
2	7.844	323	327	342	rBV	811965	1552251	17.03%	3.579%
3	11.869	760	766	776	rBV	3439875	7179129	78.76%	16.554%
4	15.473	1152	1159	1176	rBV	3655460	9114830	100.00%	21.017%
5	20.755	1726	1735	1750	rBV	3875302	8914691	97.80%	20.556%
6	25.166	2208	2216	2227	rBV2	3664617	7803976	85.62%	17.994%
7	33.171	3082	3089	3107	rBV2	2179889	4903532	53.80%	11.307%
8	37.252	3527	3534	3549	rBV2	1375858	3798583	41.67%	8.759%

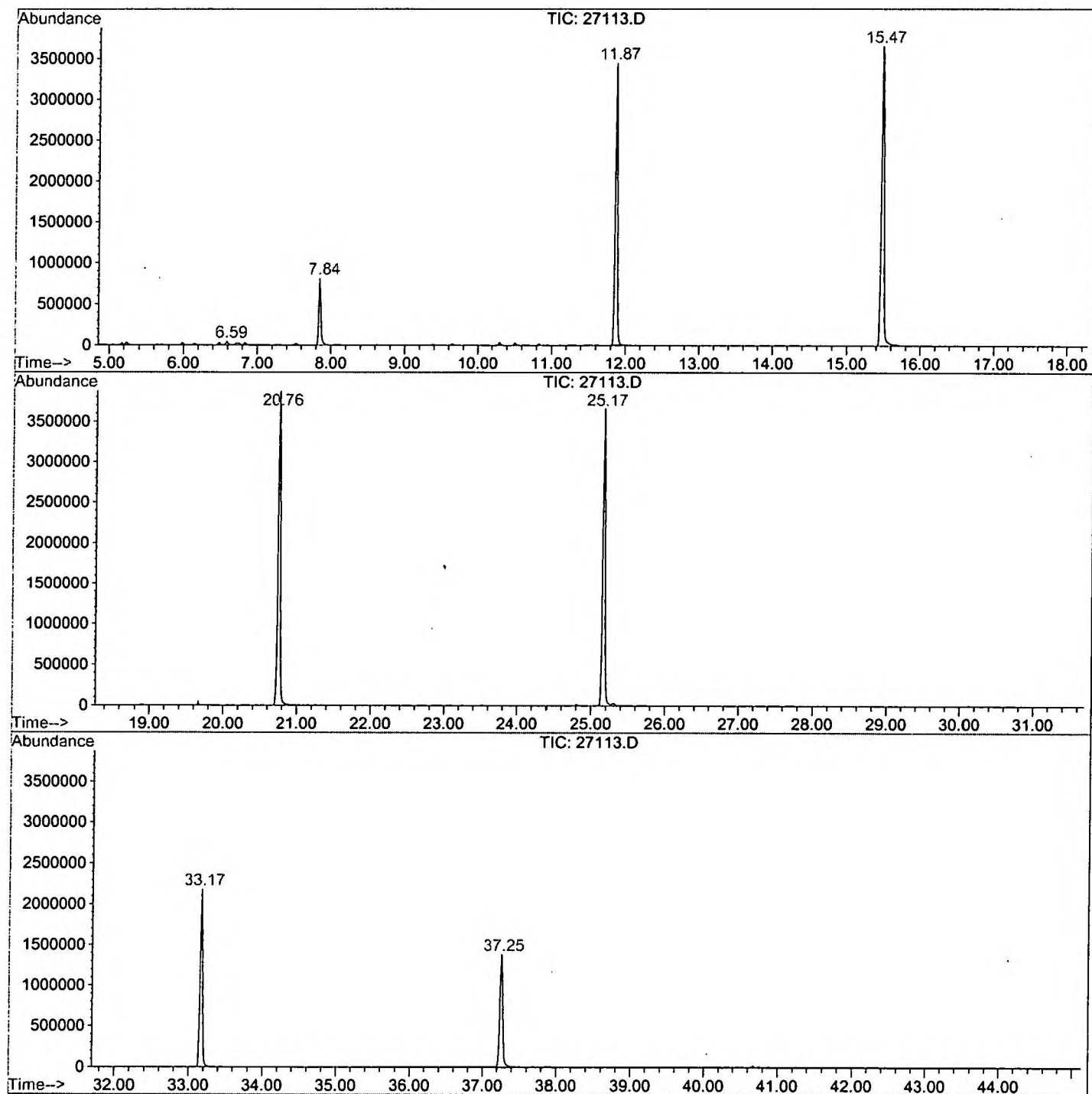
Sum of corrected areas: 43368841

27113.D NP112701.M

Fri Dec 07 12:57:37 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27113.D
 Operator : GALOS
 Acquired : 5 Dec 2001 7:54 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/13
 Misc Info :
 Vial Number: 13
 Quant File :NP112701.RES (RTE Integrator)



27113.D NP112701.M

Fri Dec 07 12:57:39 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27113.D
Acq On : 5 Dec 2001 7:54 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: LSCINT.P

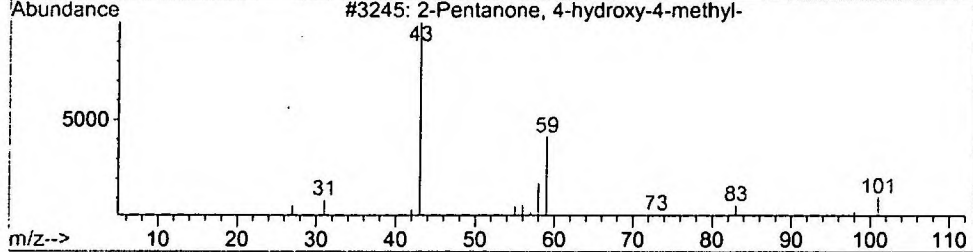
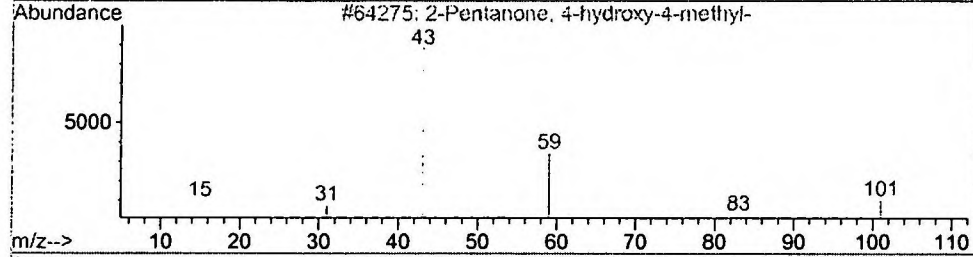
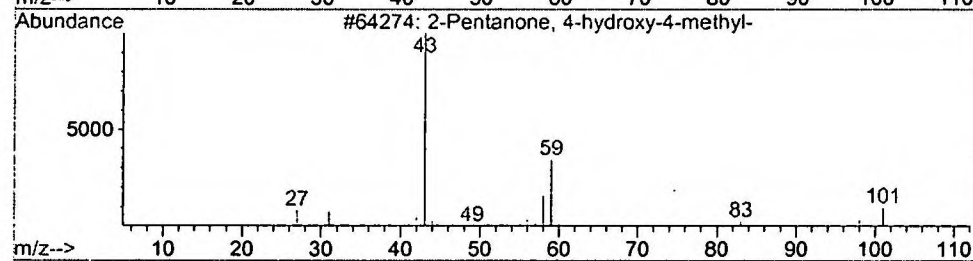
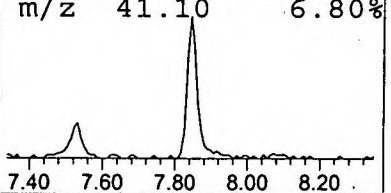
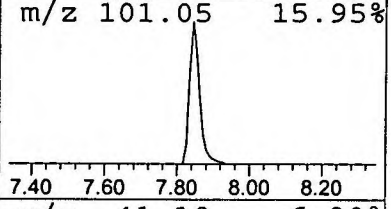
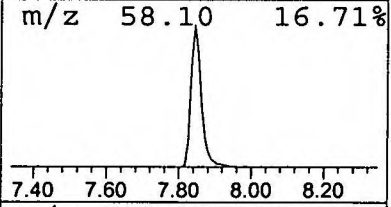
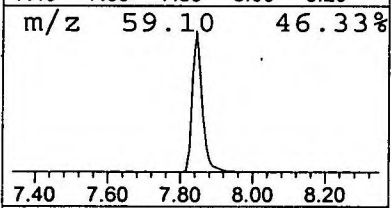
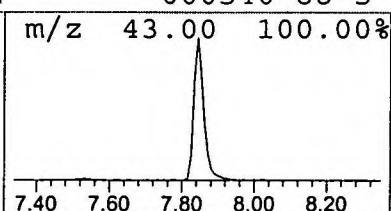
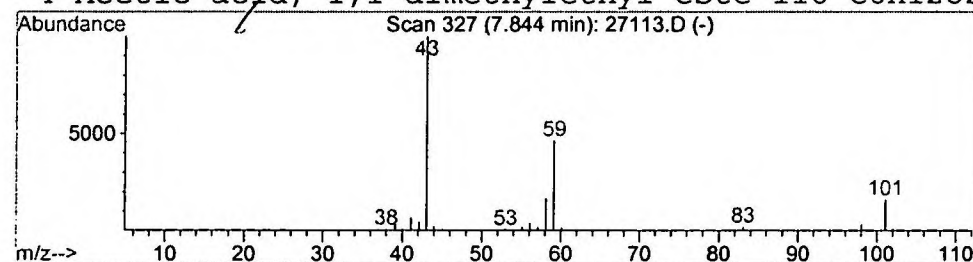
Vial: 13
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	4.32 ng/uL	1552250	1,4-Dichlorobenzene-d4	11.87

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: 5 Dec 2001 7:54 pm
 Data File: C:\HPCHEM\1\DATA\DEC0501\27113.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-Pentanone, 4-hydro	7.84	4.3	ng/uL	1552250	ISTD01	11.87	7179130	20.0
27113.D	NP112701.M	Fri Dec 07 12:57:43 2001						