

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 12:36:48

Sample: AD27956
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 12:34 Ended: 1/2/02 12:34 Analyst: MG
 Page: 1

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

Comments for Sample AD27956 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-02-2002 Time: 12:37:56

Mass 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.

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D

Vial: 12

Acq On : 21 Dec 2001 2:12 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 9:48 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	11.87	152	1039726	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4107366	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1805945	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2656064m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1726884	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	831715	20.00	ng/uL	-0.09

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	11.87	132	1042	0.01	ng/uL	0.44
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	0.00	152	0	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	2603	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

27956.D NP112701.M

Fri Dec 21 09:53:02 2001

Page 1

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D

Vial: 12

Acq On : 21 Dec 2001 2:12 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 9:48 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) 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	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	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.		

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

27956.D NP112701.M Fri Dec 21 09:53:04 2001

Page 2

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D

Vial: 12

Acq On : 21 Dec 2001 2:12 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 9:48 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	3881 ✓	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	9432 ✓	N.D.		
67) Chrysene	33.17	228	3881 ✓	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	37.25	252	2754	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

27956.D NP112701.M Fri Dec 21 09:53:05 2001

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D

Acq On : 21 Dec 2001 2:12 am

Sample : gcms unknown 11/20

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:48 2001

Vial: 12

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

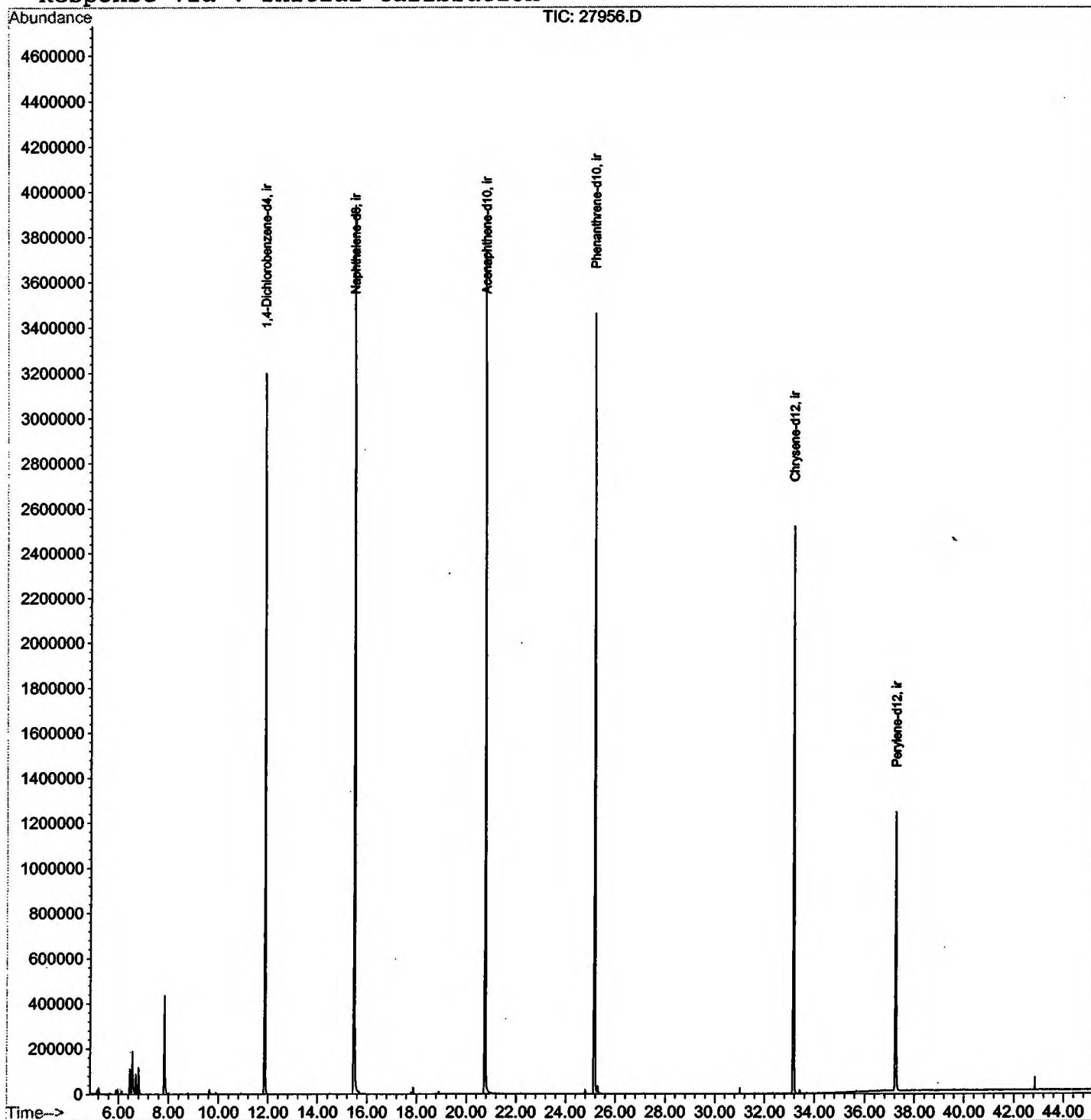
Quant Results File: NP112701.RES

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\27956.D

Vial: 12

Acq On : 21 Dec 2001 2:12 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	6.455	169	176	181	rBV	110594	208012	2.47%	0.501%
2	6.565	181	188	192	rBV	183818	366554	4.34%	0.882%
3	6.693	198	202	210	rBV	88953	163861	1.94%	0.394%
4	6.803	210	214	224	rVB	116438	238647	2.83%	0.574%
5	7.830	322	326	339	rBV	436685	875963	10.38%	2.109%
6	11.865	760	766	782	rVB	3199675	6452686	76.47%	15.533%
7	15.478	1153	1160	1177	rBV	3942099	8437969	100.00%	20.312%
8	20.751	1728	1735	1752	rBV	3745317	8090549	95.88%	19.476%
9	25.162	2209	2216	2227	rBV2	3461436	7595775	90.02%	18.285%
10	33.167	3081	3089	3102	rBV2	2517010	5790031	68.62%	13.938%
11	37.248	3525	3534	3544	rBV2	1233277	3322103	39.37%	7.997%

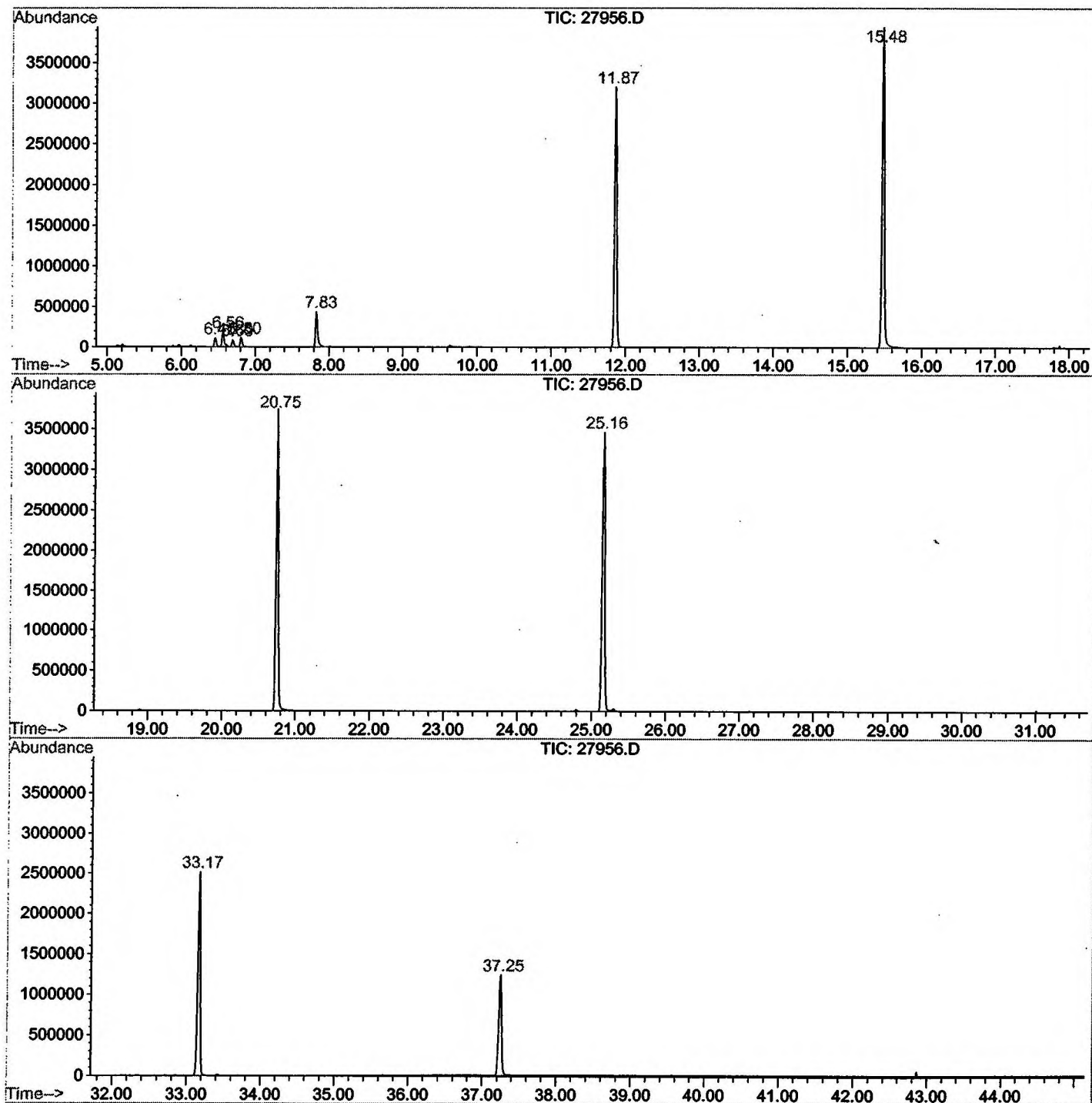
Sum of corrected areas: 41542150

27956.D NP112701.M

Fri Dec 21 10:00:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27956.D
Operator : GALOS
Acquired : 21 Dec 2001 2:12 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



27956.D NP112701.M

Fri Dec 21 10:00:27 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D
 Acq On : 21 Dec 2001 2:12 am
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: LSCINT.P

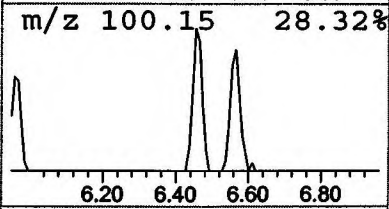
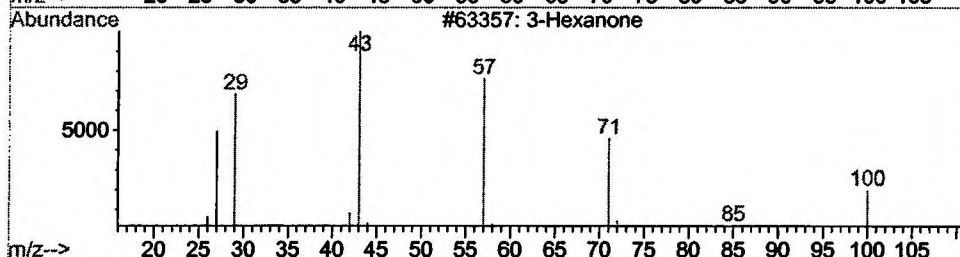
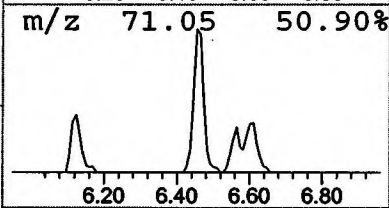
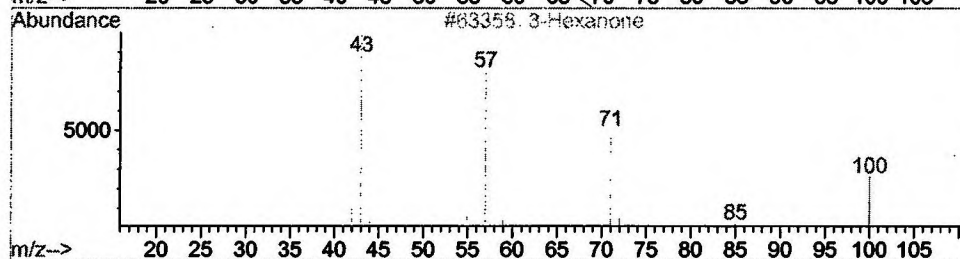
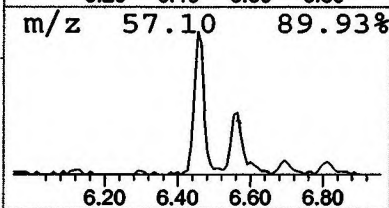
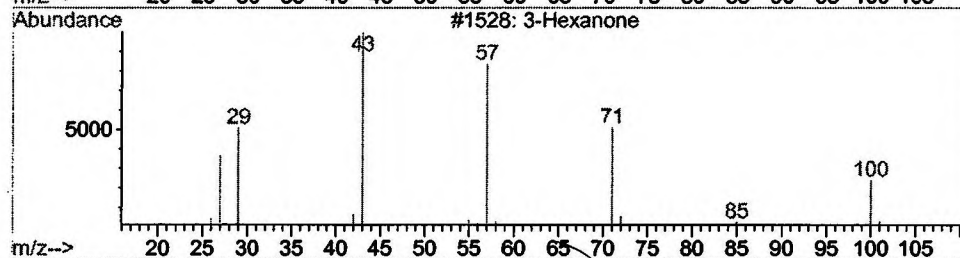
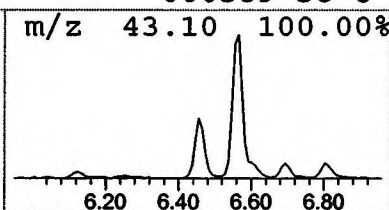
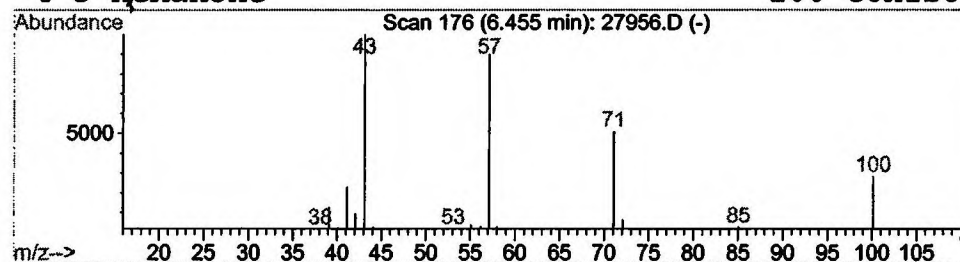
Vial: 12
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
6.45	0.64 ng/uL	208012	1,4-Dichlorobenzene-d4	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanone	100	C6H12O	000589-38-8	91
2		3-Hexanone	100	C6H12O	000589-38-8	90
3		3-Hexanone	100	C6H12O	000589-38-8	90
4		3-Hexanone	100	C6H12O	000589-38-8	78



Library Search Compound Report

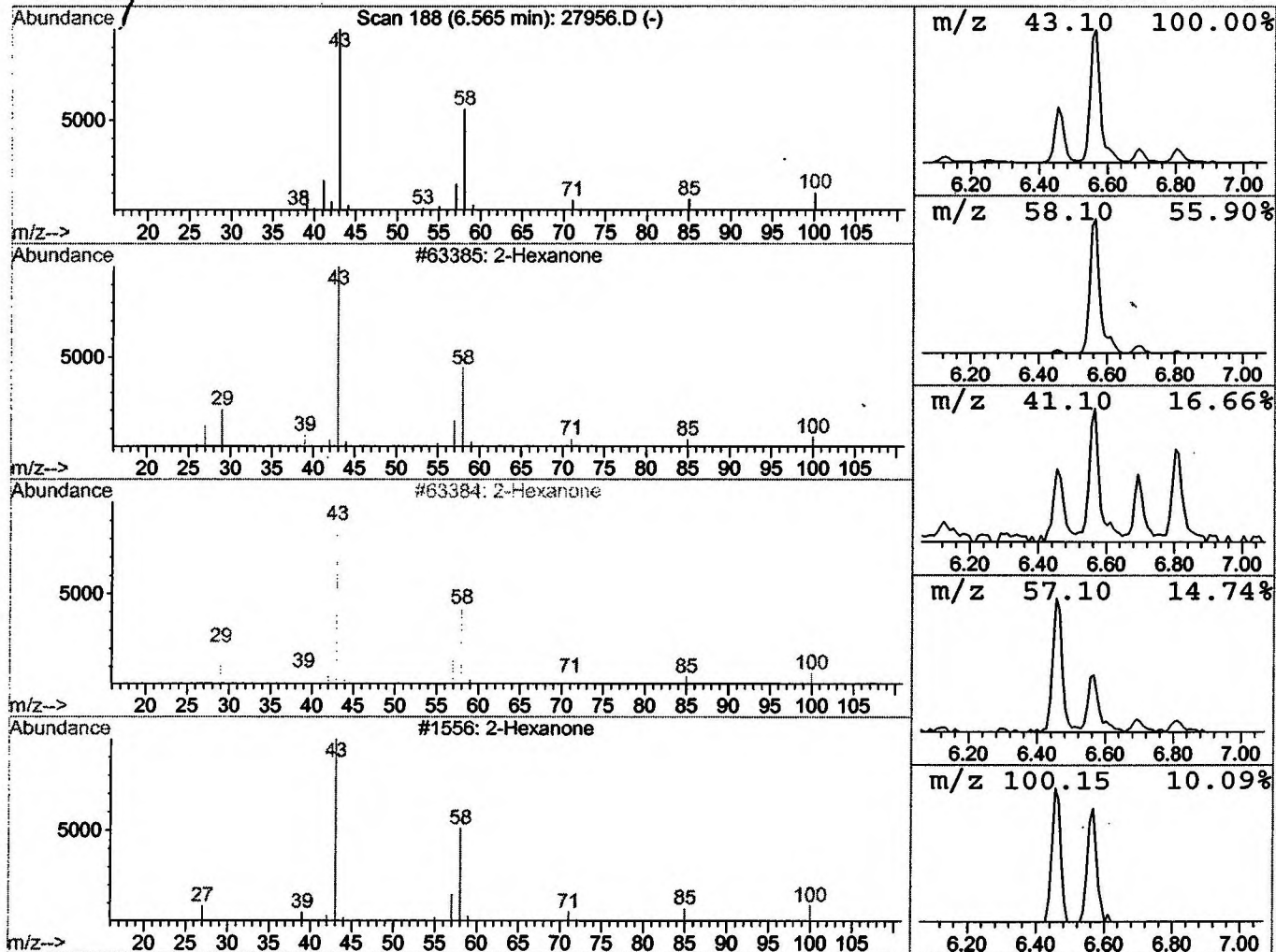
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 Acq On : 21 Dec 2001 2:12 am
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: LSCINT.P

Vial: 12
 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.	
6.56	1.14 ng/uL	366554	1,4-Dichlorobenzene-d4	11.87	
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	91
4	2-Hexanone	100	C6H12O	000591-78-6	86



Library Search Compound Report

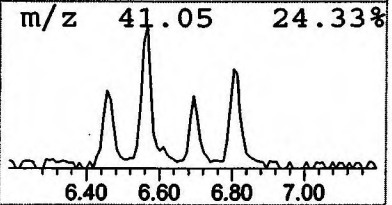
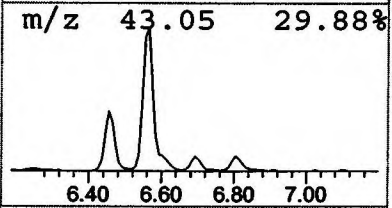
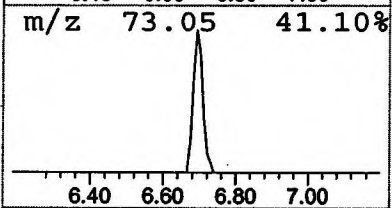
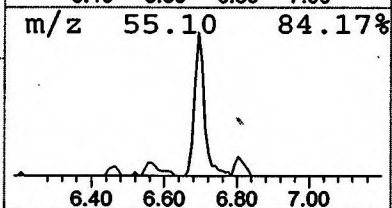
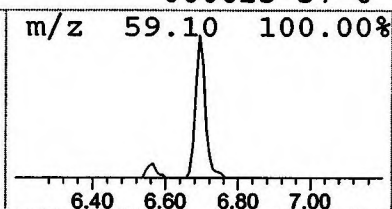
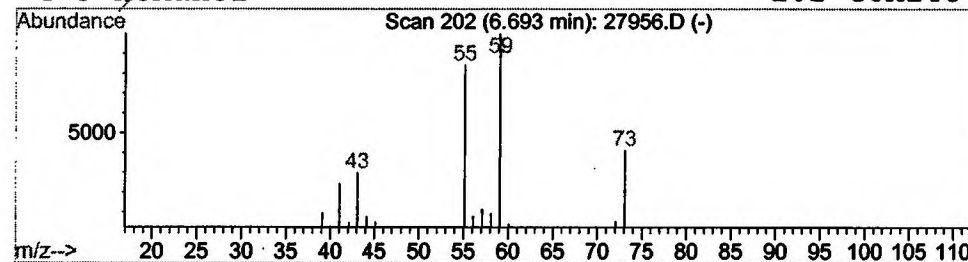
Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D
Acq On : 21 Dec 2001 2:12 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 12
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 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.69	0.51 ng/uL	163861	1,4-Dichlorobenzene-d4	11.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Hexanol	102	C6H14O	000623-37-0	83
3	3-Hexanol	102	C6H14O	000623-37-0	83
4	3-Hexanol	102	C6H14O	000623-37-0	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27956.D

Acq On : 21 Dec 2001 2:12 am

Sample : gcms unknown 11/20

Misc :

MS Integration Params: LSCINT.P

Vial: 12

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

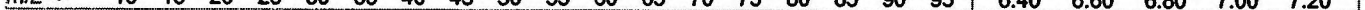
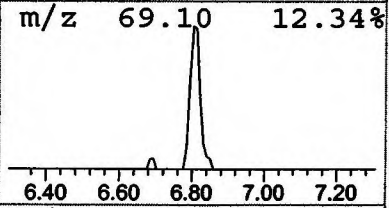
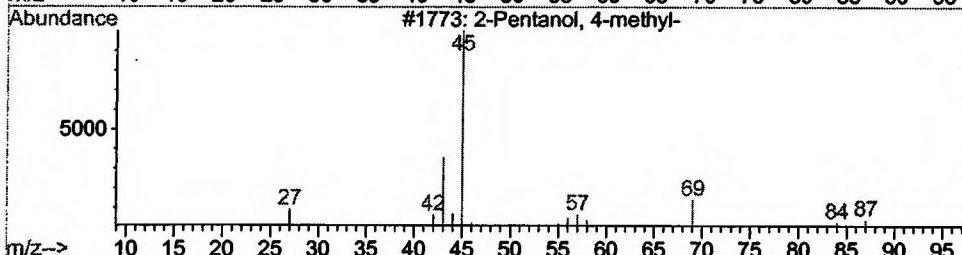
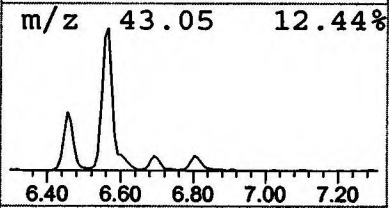
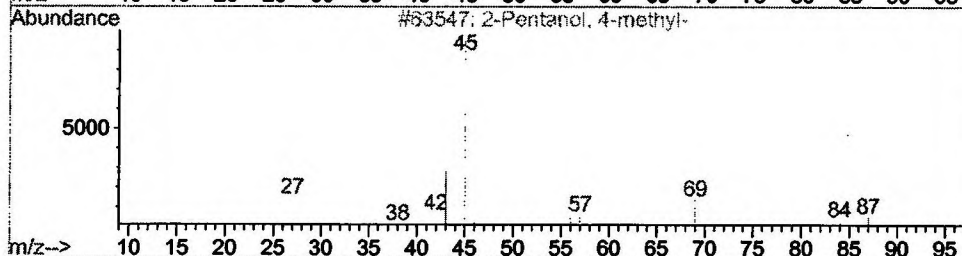
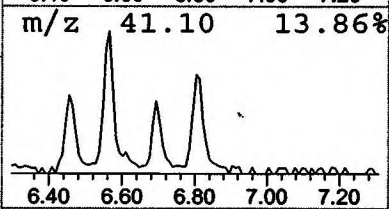
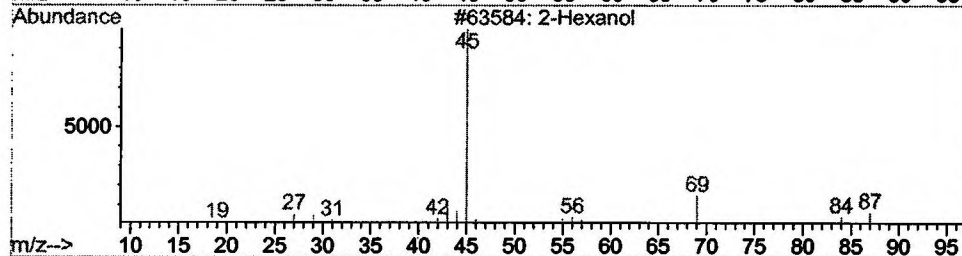
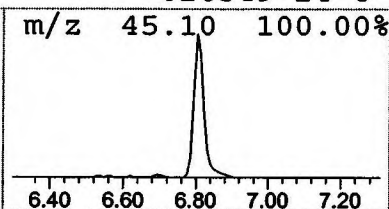
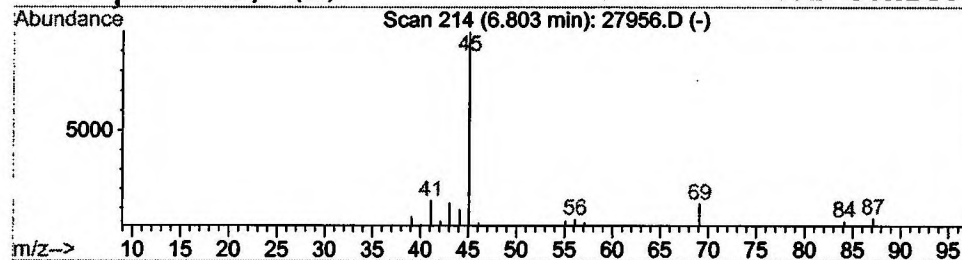
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.80	0.74 ng/uL	238647	1,4-Dichlorobenzene-d4	11.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Hexanol, (R) -	102	C6H14O	026549-24-6	78



Library Search Compound Report

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Acq On : 21 Dec 2001 2:12 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

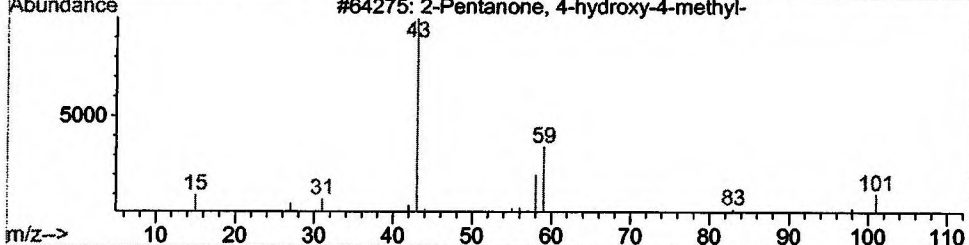
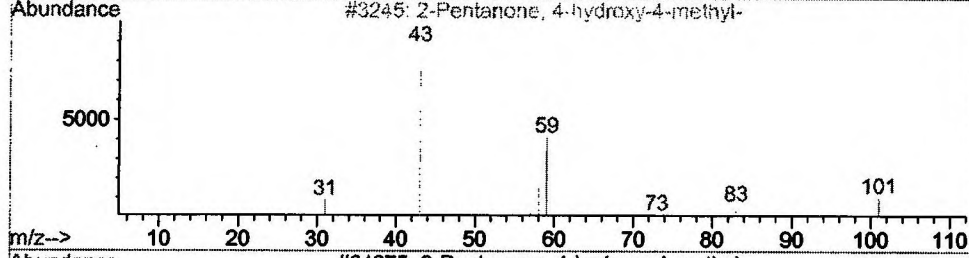
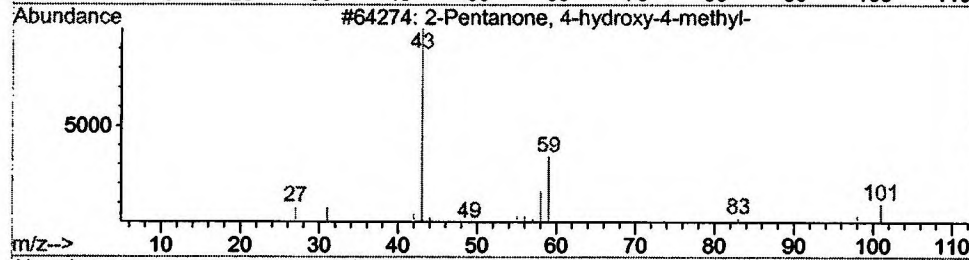
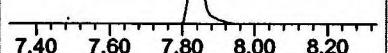
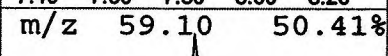
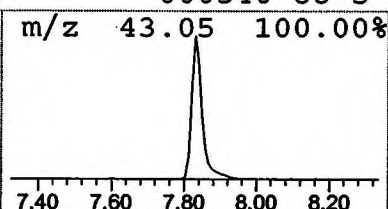
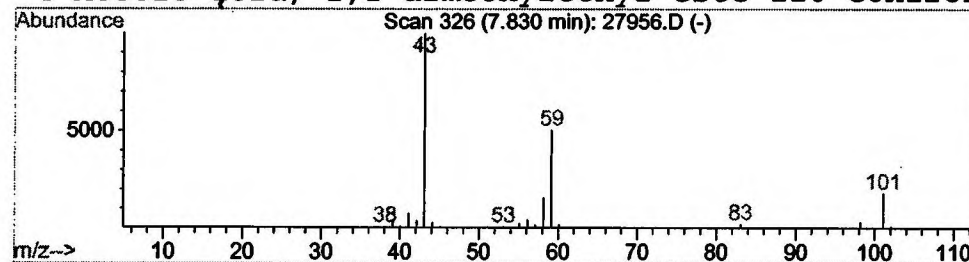
Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.72 ng/uL	875963	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	64
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
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 2:12 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27956.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	6.45	0.6	ng/uL	208012	ISTD01	11.87	6452690	20.0
2- Hexanone	6.56	1.1	ng/uL	366554	ISTD01	11.87	6452690	20.0
3- Hexanol	6.69	0.5	ng/uL	163861	ISTD01	11.87	6452690	20.0
2- Hexanol	6.80	0.7	ng/uL	238647	ISTD01	11.87	6452690	20.0
2-Pentanone, 4-hydro	7.83	2.7	ng/uL	875963	ISTD01	11.87	6452690	20.0

27956.D NP112701.M Fri Dec 21 10:00:39 2001