

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/18/2001 Time: 14:21:27

Sample: AD27545
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/18/01 14:17 Ended: 12/18/01 14:17 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 AD27545 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-18-2001 Time: 14:21:33

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\DEC1301\27545.D

Vial: 4

Acq On : 13 Dec 2001 1:07 pm

Operator: GALOS

Sample : gcms unknown 11/15

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:07 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	1317063	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	5282394	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	2273900	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.16	188	3489672	20.00	ng/uL	-0.08
59) Chrysene-d12	33.15	240	2376957	20.00	ng/uL	-0.09
68) Perylene-d12	37.23	264	1666311	20.00	ng/uL	-0.10

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	11.86	132	992	0.01	ng/uL	0.44
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.13	152	592	0.01	ng/uL	-0.33
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.02%#	
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery	=	0.00%#	
32) 2-Fluorobiphenyl	18.89	172	2630	0.02	ng/uL	0.06
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

27545.D NP112701.M Fri Dec 14 10:49:42 2001

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Quantitation Report

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Sample : gcms unknown 11/15

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:07 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	15.53	128	319	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	25.15	178	803	N.D.		
56) Anthracene	25.15	178	803	N.D.		
57) Di-n-butylphthalate	27.14	149	4332	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

27545.D NP112701.M

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Quantitation Report

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 Acq On : 13 Dec 2001 1:07 pm
 Sample : gcms unknown 11/15
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:07 2001

Vial: 4
 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
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	33.15	228	5144	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.41	149	764	N.D.		
67) Chrysene	33.15	228	5144	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	37.24	252	6080	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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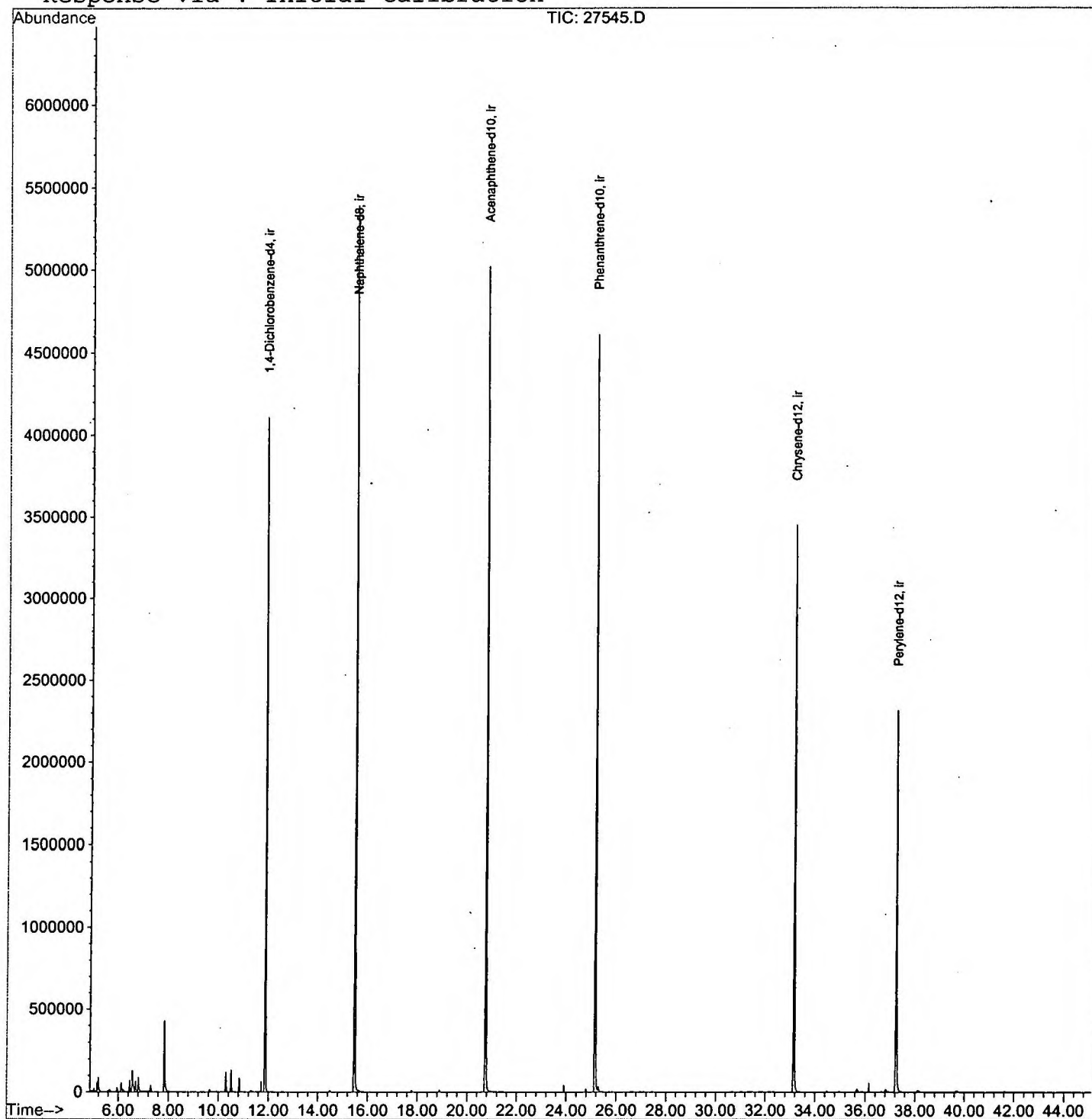
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27545.D
Acq On : 13 Dec 2001 1:07 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:07 2001

Vial: 4
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 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27545.D

Vial: 4

Acq On : 13 Dec 2001 1:07 pm

Operator: GALOS

Sample : gcms unknown 11/15

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	5.194	35	38	53	rVB	88324	188577	1.78%	0.341%
2	6.120	136	139	144	rBV	56992	111183	1.05%	0.201%
3	6.459	172	176	181	rBV	72083	135095	1.27%	0.244%
4	6.560	184	187	198	rVV2	128975	325629	3.07%	0.588%
5	6.698	198	202	210	rVV	63963	133088	1.25%	0.240%
6	6.808	210	214	226	rVV	85486	191991	1.81%	0.347%
7	7.835	322	326	340	rVB	428662	952826	8.97%	1.722%
8	10.292	590	594	603	rVB	119064	213387	2.01%	0.386%
9	10.503	613	617	628	rVB	131670	241293	2.27%	0.436%
10	10.824	648	652	657	rBV	85814	158273	1.49%	0.286%
11	11.861	760	765	779	rBV	4106891	8190617	77.15%	14.801%
12	15.474	1153	1159	1176	rBV	5389814	10616983	100.00%	19.185%
13	20.746	1727	1734	1749	rBV	5021047	10215991	96.22%	18.461%
14	25.157	2208	2215	2226	rBV2	4610237	9763928	91.97%	17.644%
15	33.153	3080	3087	3101	rBV2	3448123	7652351	72.08%	13.828%
16	37.234	3523	3532	3556	rBV2	2312593	6247924	58.85%	11.290%

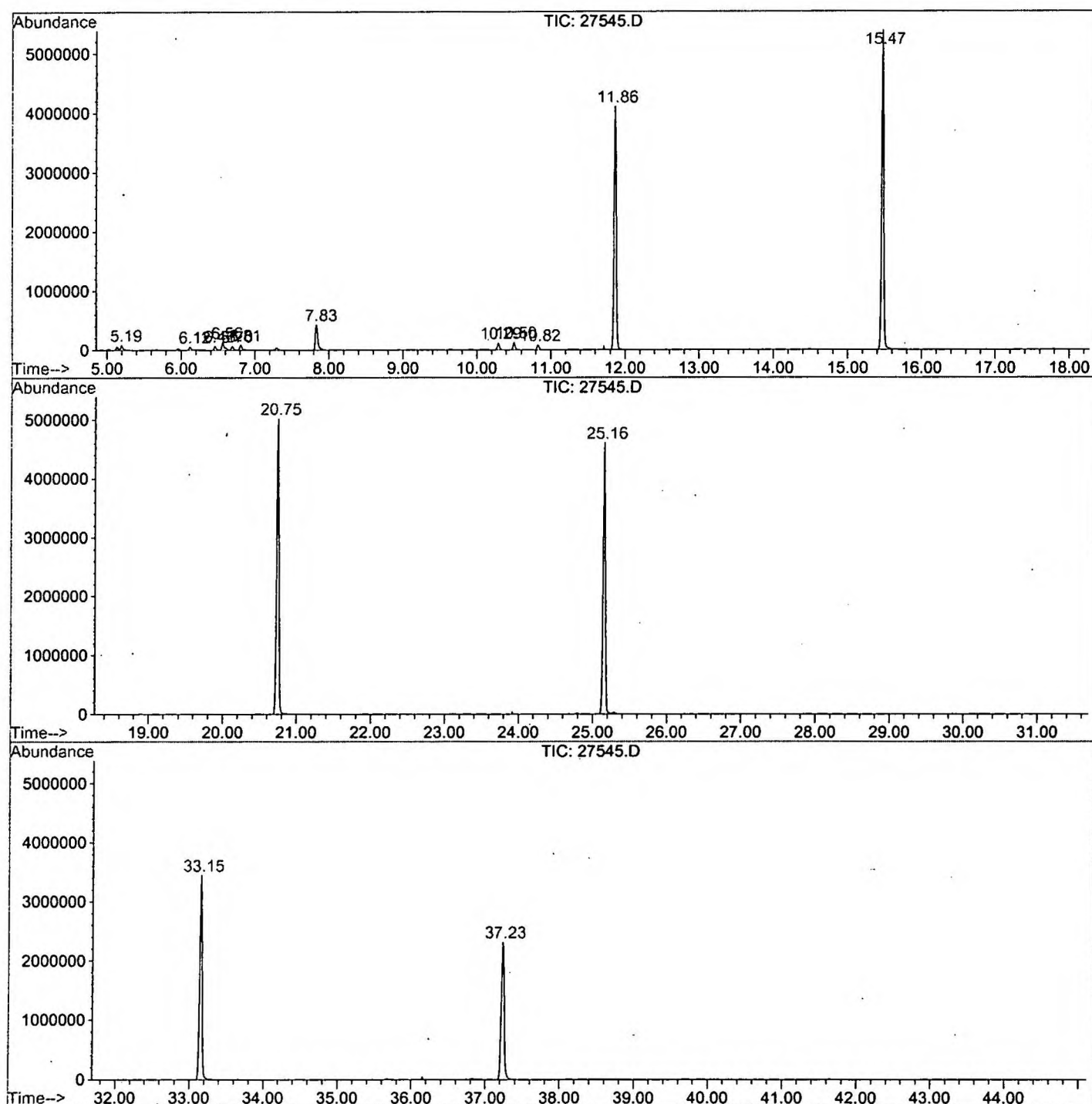
Sum of corrected areas: 55339136

27545.D NP112701.M

Fri Dec 14 12:54:22 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27545.D
Operator : GALOS
Acquired : 13 Dec 2001 1:07 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 4
Quant File :NP112701.RES (RTE Integrator)



27545.D NP112701.M

Fri Dec 14 12:54:24 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27545.D
Acq On : 13 Dec 2001 1:07 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

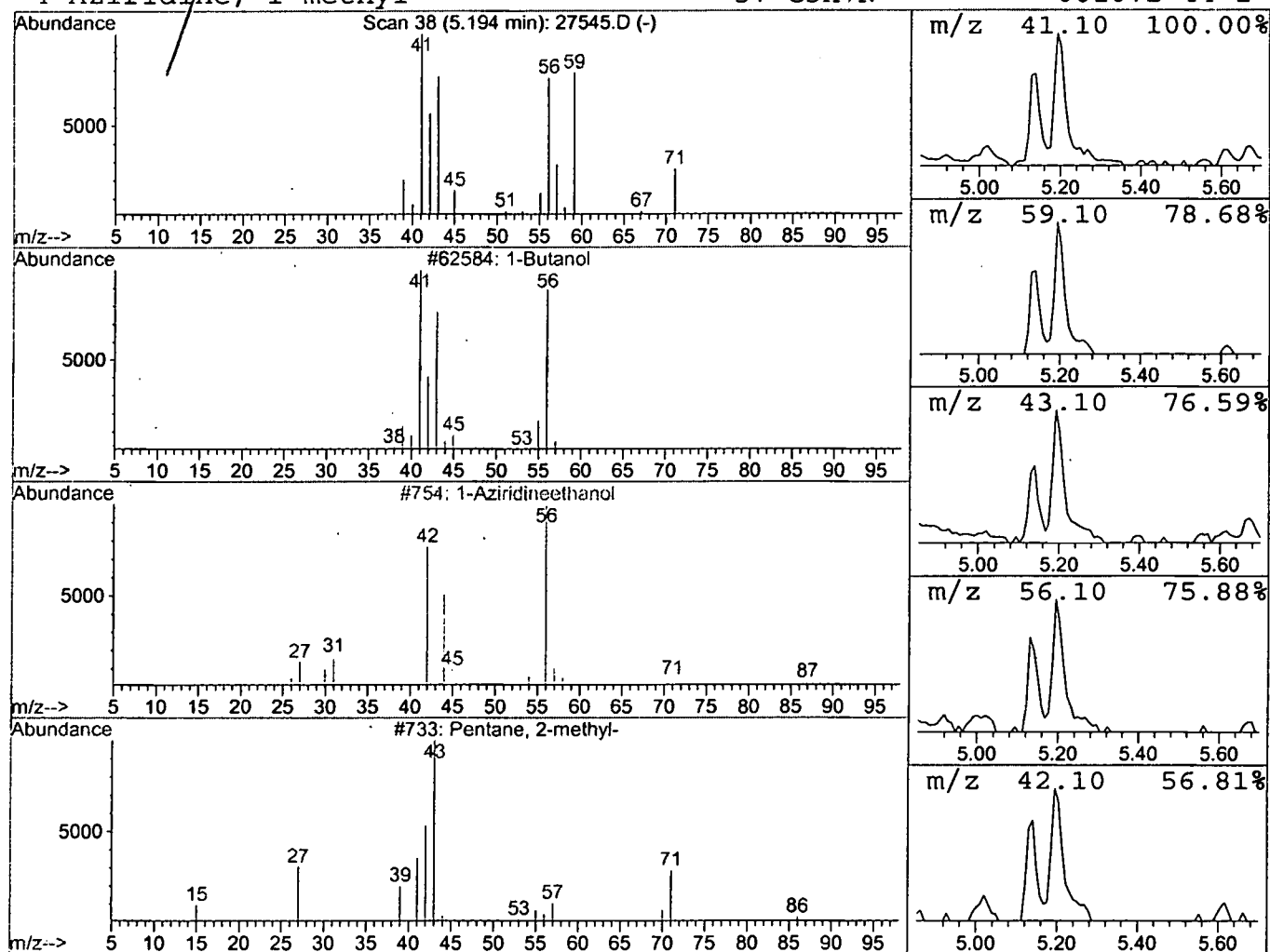
Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 1 1-Butanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	0.46 ng/uL	188577	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol	74	C4H10O	000071-36-3	25
2			1-Aziridineethanol	87	C4H9NO	001072-52-2	9
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	9
4			Aziridine, 1-methyl-	57	C3H7N	001072-44-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27545.D
 Acq On : 13 Dec 2001 1:07 pm
 Sample : gcms unknown 11/15
 Misc :
 MS Integration Params: LSCINT.P

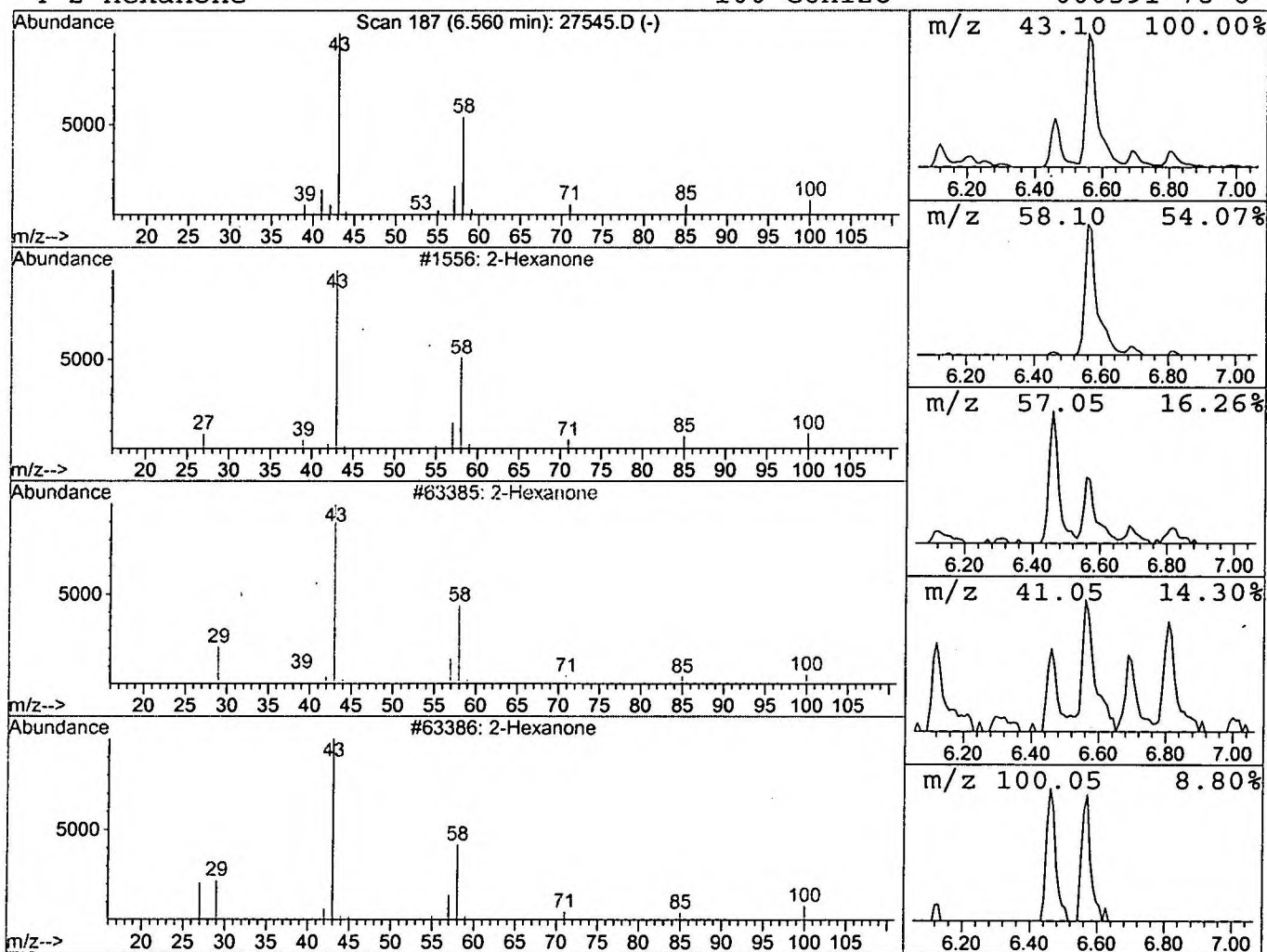
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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	0.80 ng/uL	325629	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	91
4	2-Hexanone		100	C6H12O	000591-78-6	90



Library Search Compound Report

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 Misc :
 MS Integration Params: LSCINT.P

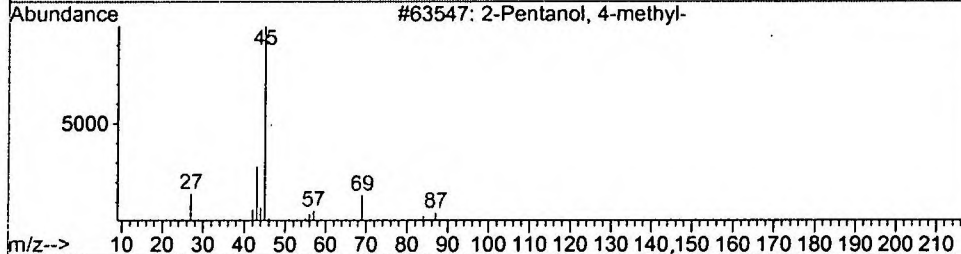
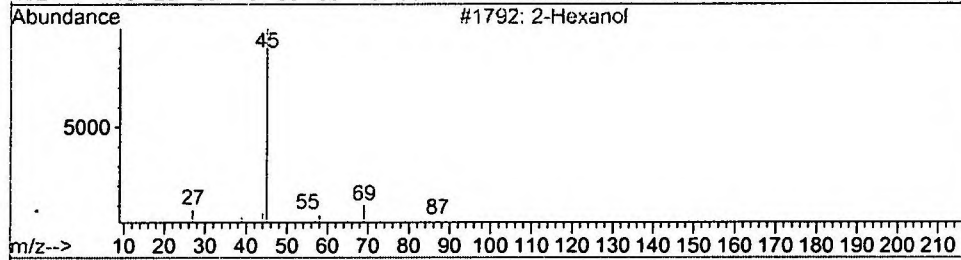
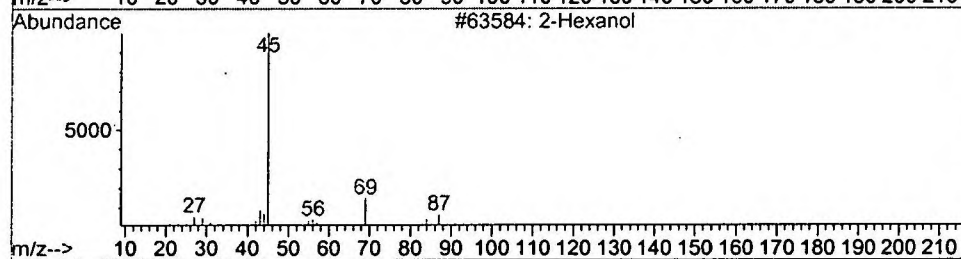
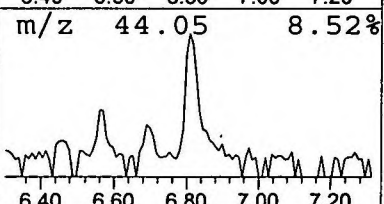
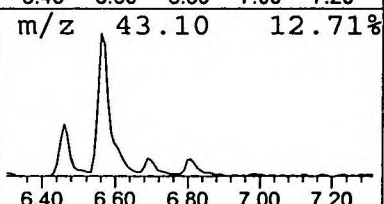
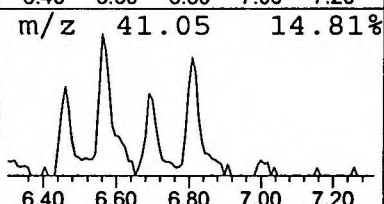
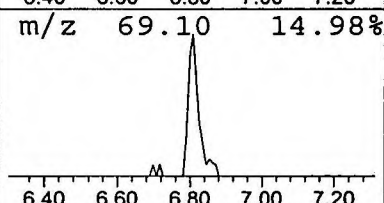
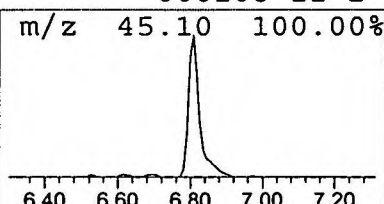
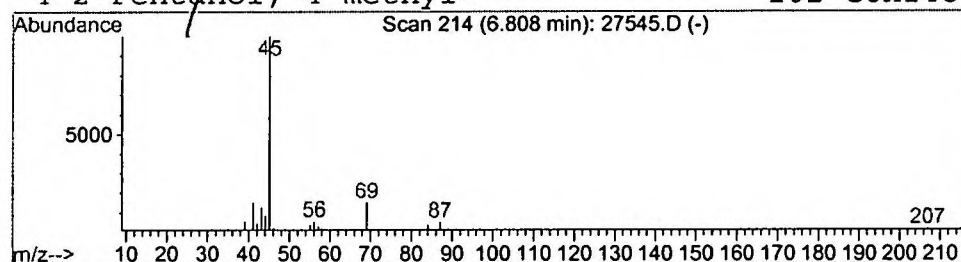
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.47 ng/uL	191991	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	78
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74



Library Search Compound Report

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Sample : gcms unknown 11/15
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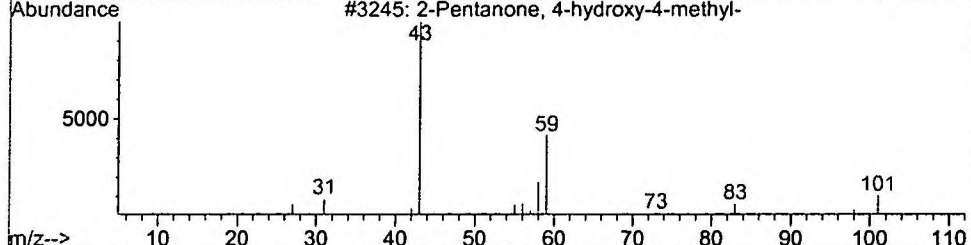
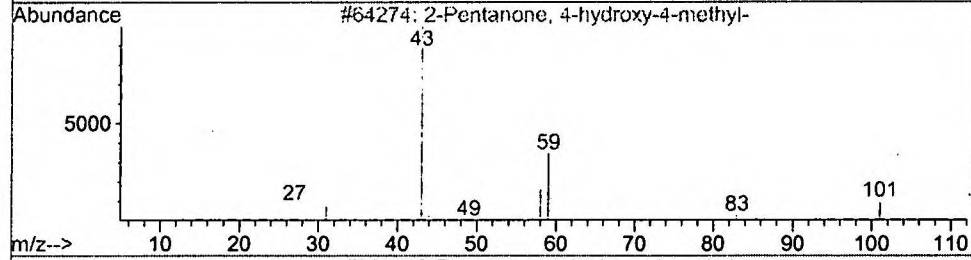
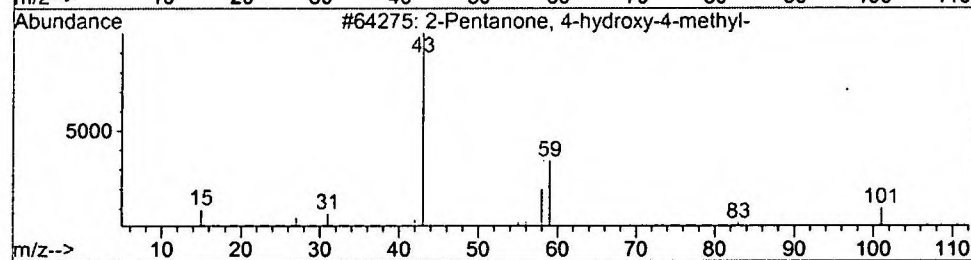
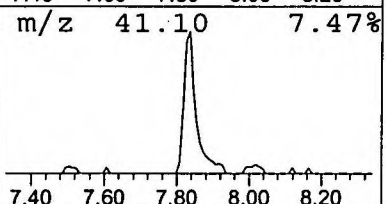
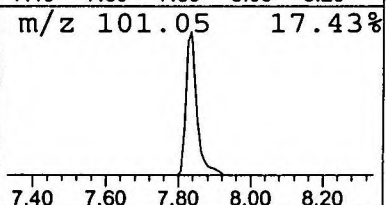
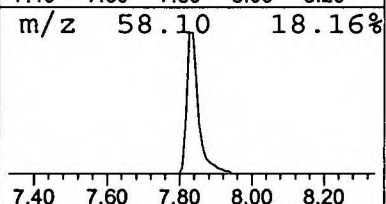
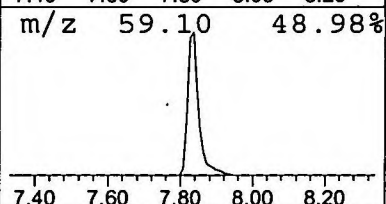
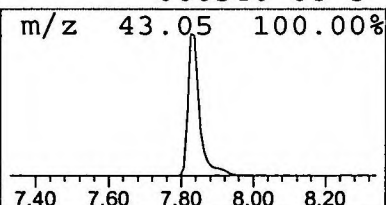
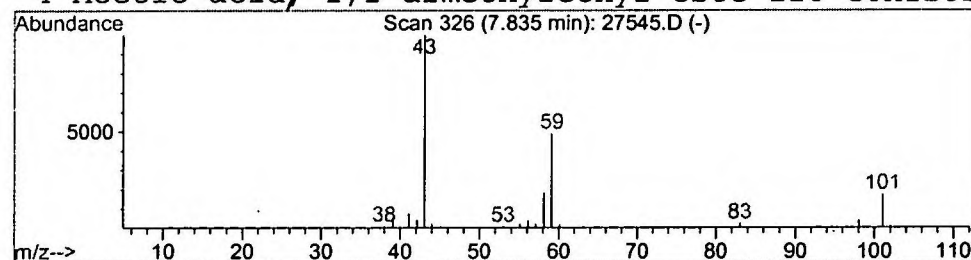
Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.33 ng/uL	952826	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	59
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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



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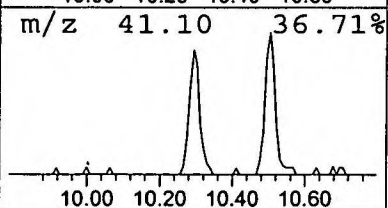
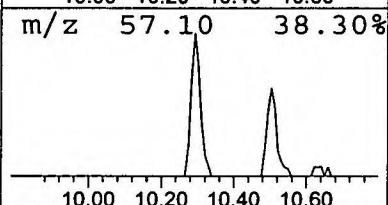
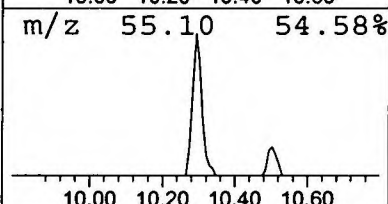
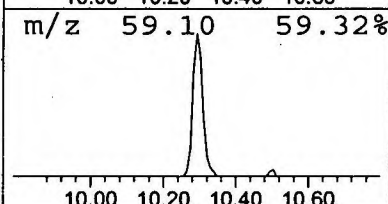
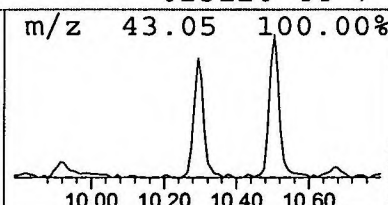
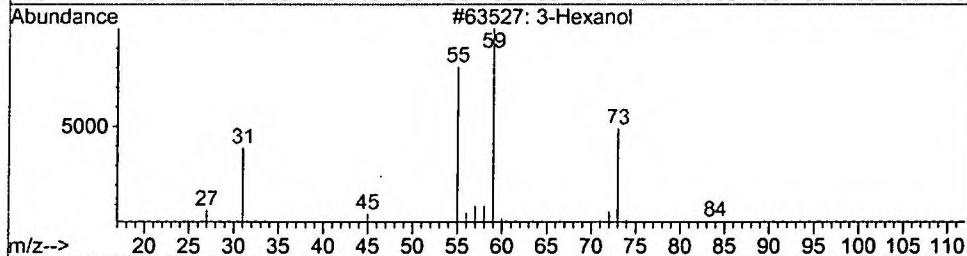
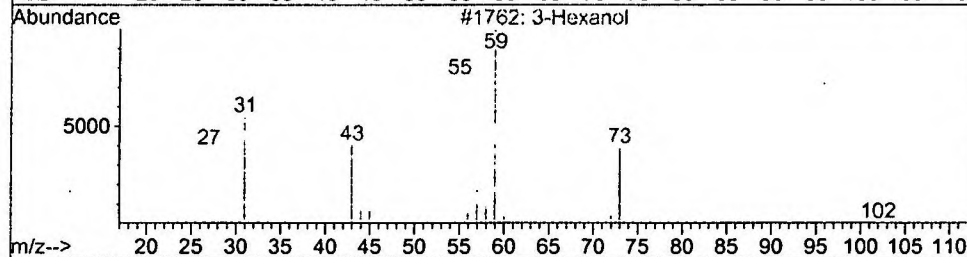
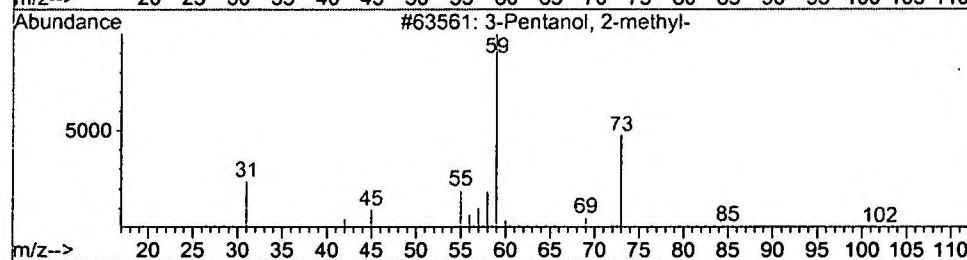
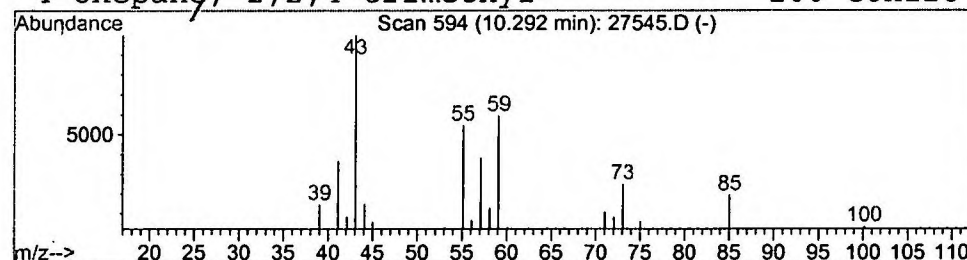
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 5 3-Pentanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	0.52 ng/uL	213387	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38
2			3-Hexanol	102	C6H14O	000623-37-0	38
3			3-Hexanol	102	C6H14O	000623-37-0	37
4			Oxepane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27545.D
 Acq On : 13 Dec 2001 1:07 pm
 Sample : gcms unknown 11/15
 Misc :
 MS Integration Params: LSCINT.P

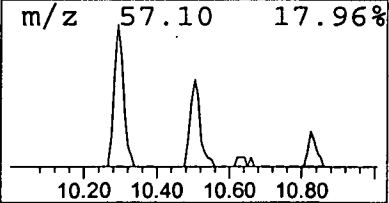
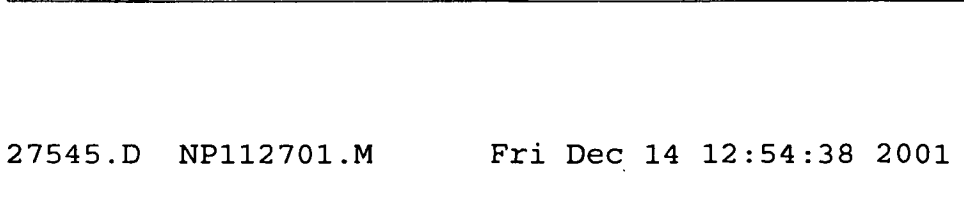
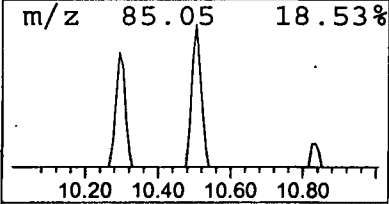
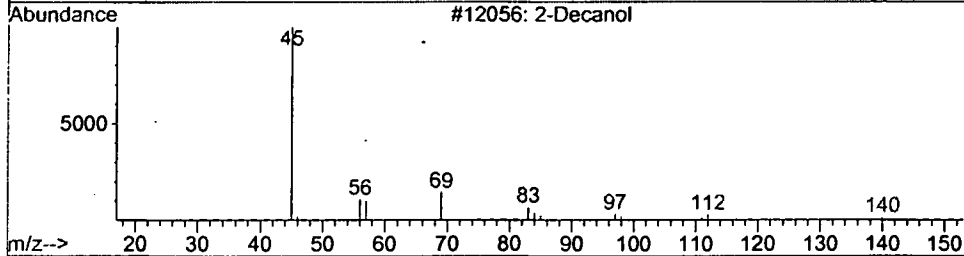
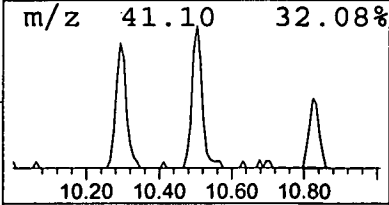
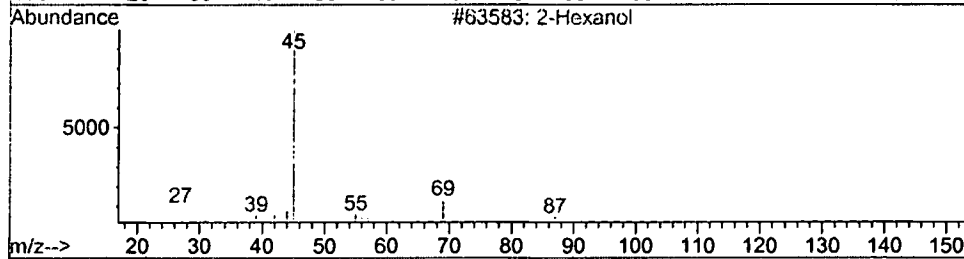
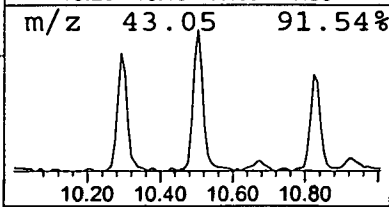
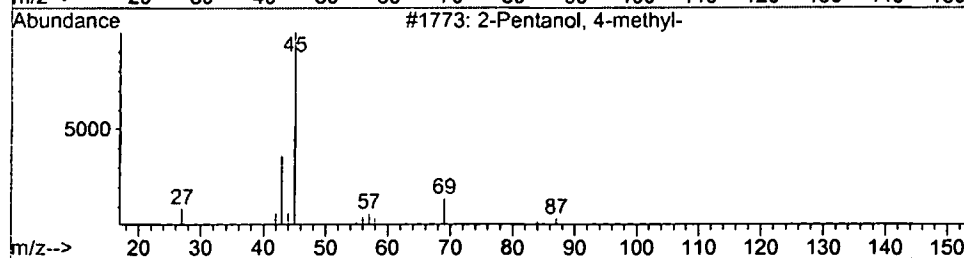
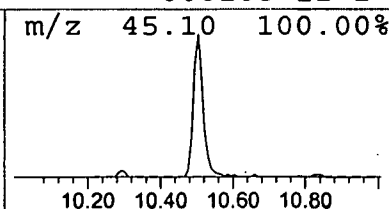
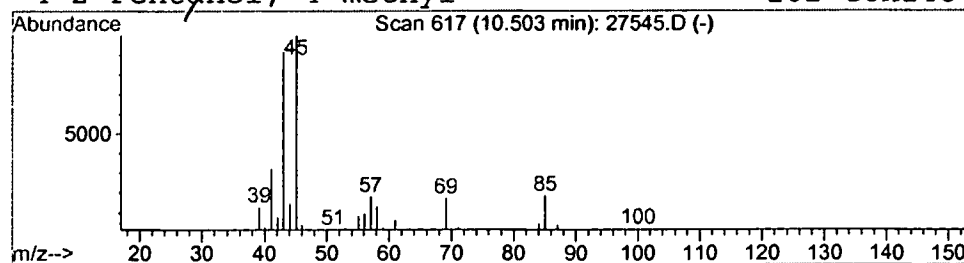
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	0.59 ng/uL	241293	1,4-Dichlorobenzene-d4	11.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
2		2-Hexanol	102	C6H14O	000626-93-7	64
3		2-Decanol	158	C10H22O	001120-06-5	50
4		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	45



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 1:07 pm
 Data File: C:\HPCHEM\1\DATA\DEC1301\27545.D
 Name: gcms unknown 11/15
 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
1-Butanol	5.19	0.5	ng/uL	188577	ISTD01	11.86	8190620	20.0
2-Hexanone	6.56	0.8	ng/uL	325629	ISTD01	11.86	8190620	20.0
2-Hexanol	6.81	0.5	ng/uL	191991	ISTD01	11.86	8190620	20.0
2-Pentanone, 4-hydro	7.83	2.3	ng/uL	952826	ISTD01	11.86	8190620	20.0
3-Pentanol, 2-methyl	10.29	0.5	ng/uL	213387	ISTD01	11.86	8190620	20.0
2-Pentanol, 4-methyl	10.50	0.6	ng/uL	241293	ISTD01	11.86	8190620	20.0

27545.D NP112701.M Fri Dec 14 12:54:38 2001