

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:28:40

Sample: AD27625
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/3/02 13:54 Ended: 1/3/02 13:54 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 AD27625 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 14:28:48

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

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27625.D

Vial: 15

Acq On : 20 Dec 2001 10:39 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:25 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	930322	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.48	136	3681763	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.76	164	1641534	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.31	188	38415	20.00	ng/uL	0.06
59) Chrysene-d12	33.17	240	1667691	20.00	ng/uL	-0.07
68) Perylene-d12	37.25	264	847230	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	11.87	132	754	0.01	ng/uL	0.45
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.05	152	275	0.01	ng/uL	-0.41
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	18.91	172	1906	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	5.10	79	295 ✓	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

27625.D NP112701.M Fri Dec 21 12:41:25 2001

Page 1

Quantitation Report

(Not Reviewed)

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Title : 208 625/TCLP calibration table

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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	20.76	165	205935	7.75 ng/uL#	38
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	669	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	27.15	149	8120	2.87 ng/uL#	79
58) Fluoranthene	0.00	202	0	N.D.	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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Quantitation Report (Not Reviewed)

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Vial: 15

Acq On : 20 Dec 2001 10:39 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:25 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	31.64	149	322	N.D.		
65) Benzo(a)anthracene	33.17	228	4265	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	11633	N.D.		
67) Chrysene	33.17	228	4265	N.D.		
69) Di-n-Octylphthalate	35.17	149	292	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	3207	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

27625.D NP112701.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27625.D

Vial: 15

Acq On : 20 Dec 2001 10:39 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:25 2001

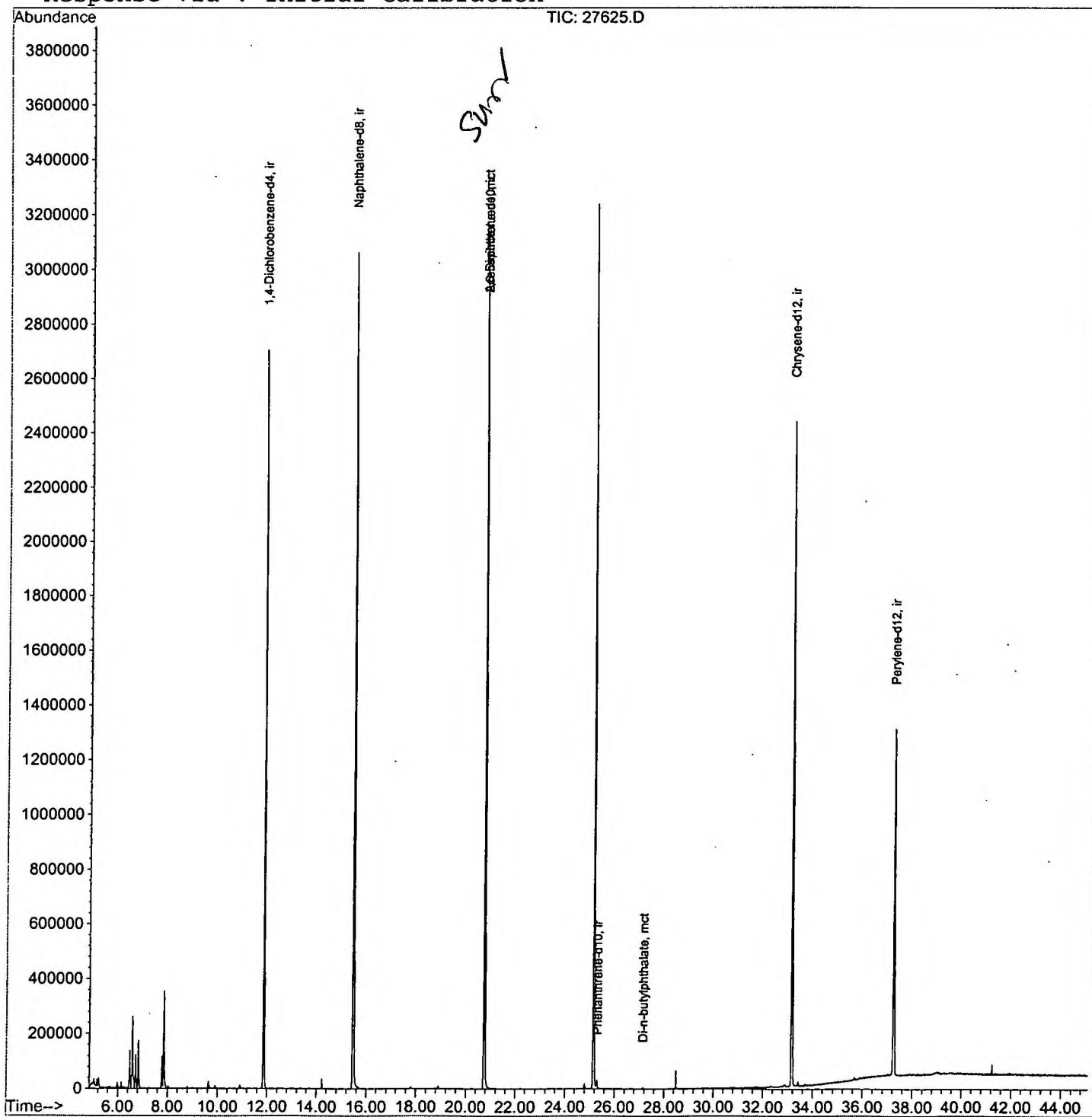
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Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

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\27625.D

Acq On : 20 Dec 2001 10:39 am

Sample : gcms unknown 11/16

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

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

Title : 208 625/TCLP calibration table

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	6.480	173	179	185	rBV	138872	264992	3.52%	0.680%
2	6.581	185	190	194	rBV	258594	514055	6.84%	1.320%
3	6.718	200	205	211	rVB	121948	234605	3.12%	0.602%
4	6.828	211	217	224	rBV	172678	337537	4.49%	0.866%
5	7.773	316	320	325	rBV	117207	227510	3.03%	0.584%
6	7.846	325	328	341	rVB	353990	715748	9.52%	1.837%
7	11.862	761	766	782	rVB	2705266	5763396	76.64%	14.795%
8	15.475	1153	1160	1178	rBV	3061874	7520482	100.00%	19.305%
9	20.757	1727	1736	1754	rBV	3130800	7343847	97.65%	18.852%
10	25.168	2208	2217	2226	rBV2	3239227	7023595	93.39%	18.030%
11	33.174	3082	3090	3096	rBV2	2428337	5598310	74.44%	14.371%
12	37.254	3528	3535	3543	rVB2	1259039	3411267	45.36%	8.757%

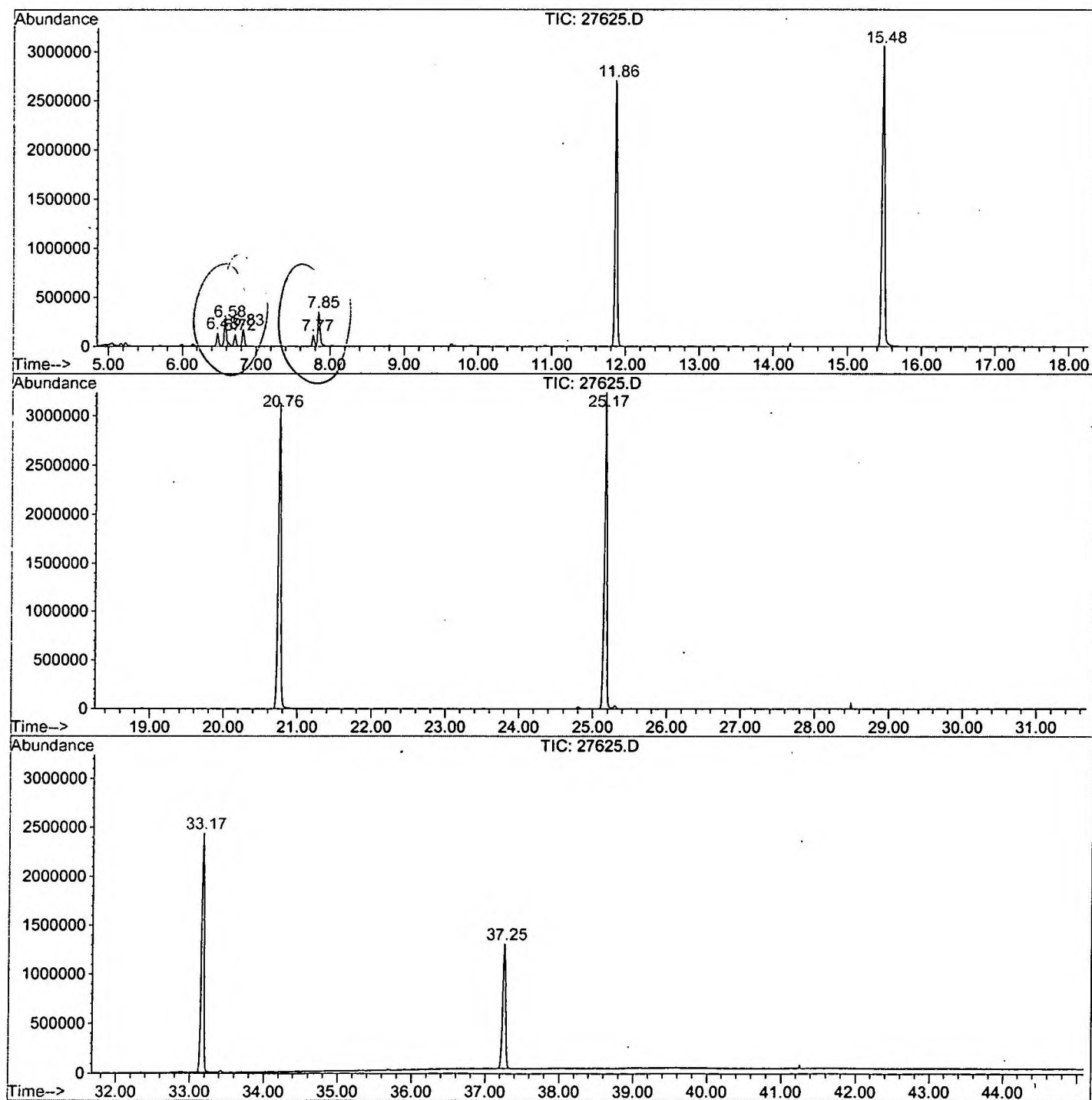
Sum of corrected areas: 38955344

27625.D NP112701.M

Thu Dec 20 11:40:17 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27625.D
Operator : GALOS
Acquired : 20 Dec 2001 10:39 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 15
Quant File :NP112701.RES (RTE Integrator)



27625.D NP112701.M

Thu Dec 20 11:40:19 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27625.D
 Acq On : 20 Dec 2001 10:39 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

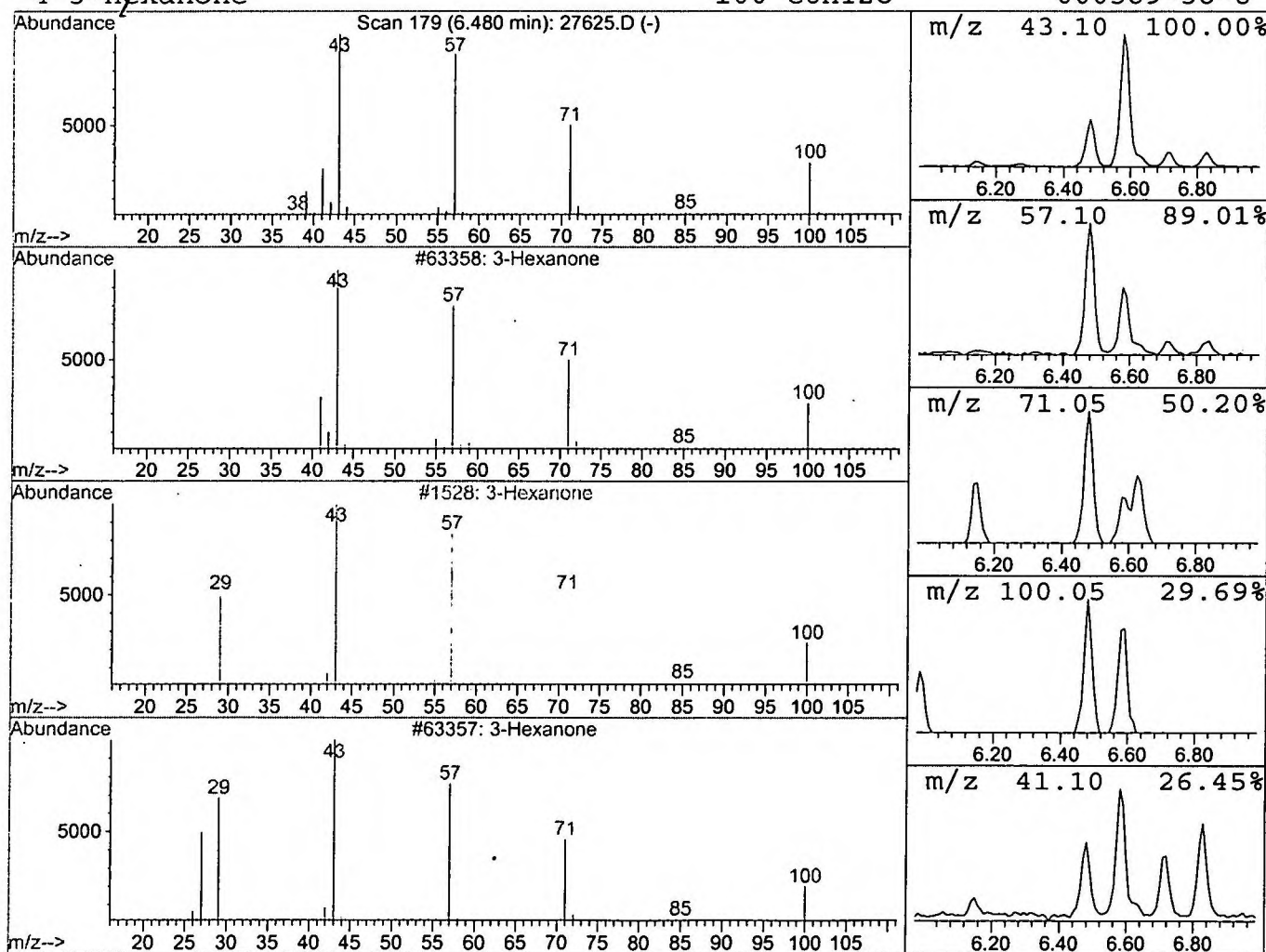
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.92 ng/uL	264992	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	91
3		3-Hexanone	100	C6H12O	000589-38-8	91
4		3-Hexanone	100	C6H12O	000589-38-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27625.D

Acq On : 20 Dec 2001 10:39 am

Sample : gcms unknown 11/16

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

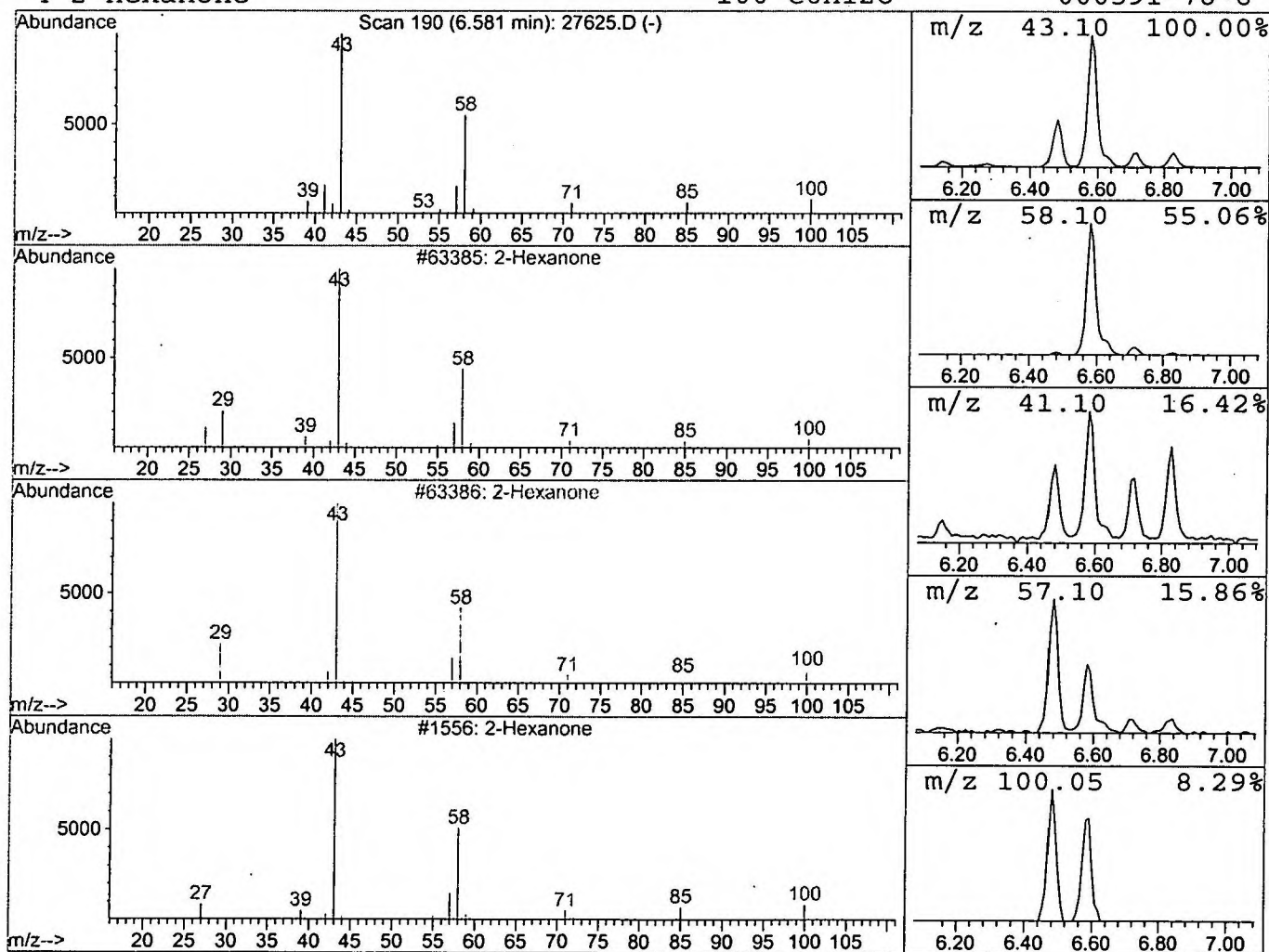
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.58	1.78 ng/uL	514055	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	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27625.D
 Acq On : 20 Dec 2001 10:39 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

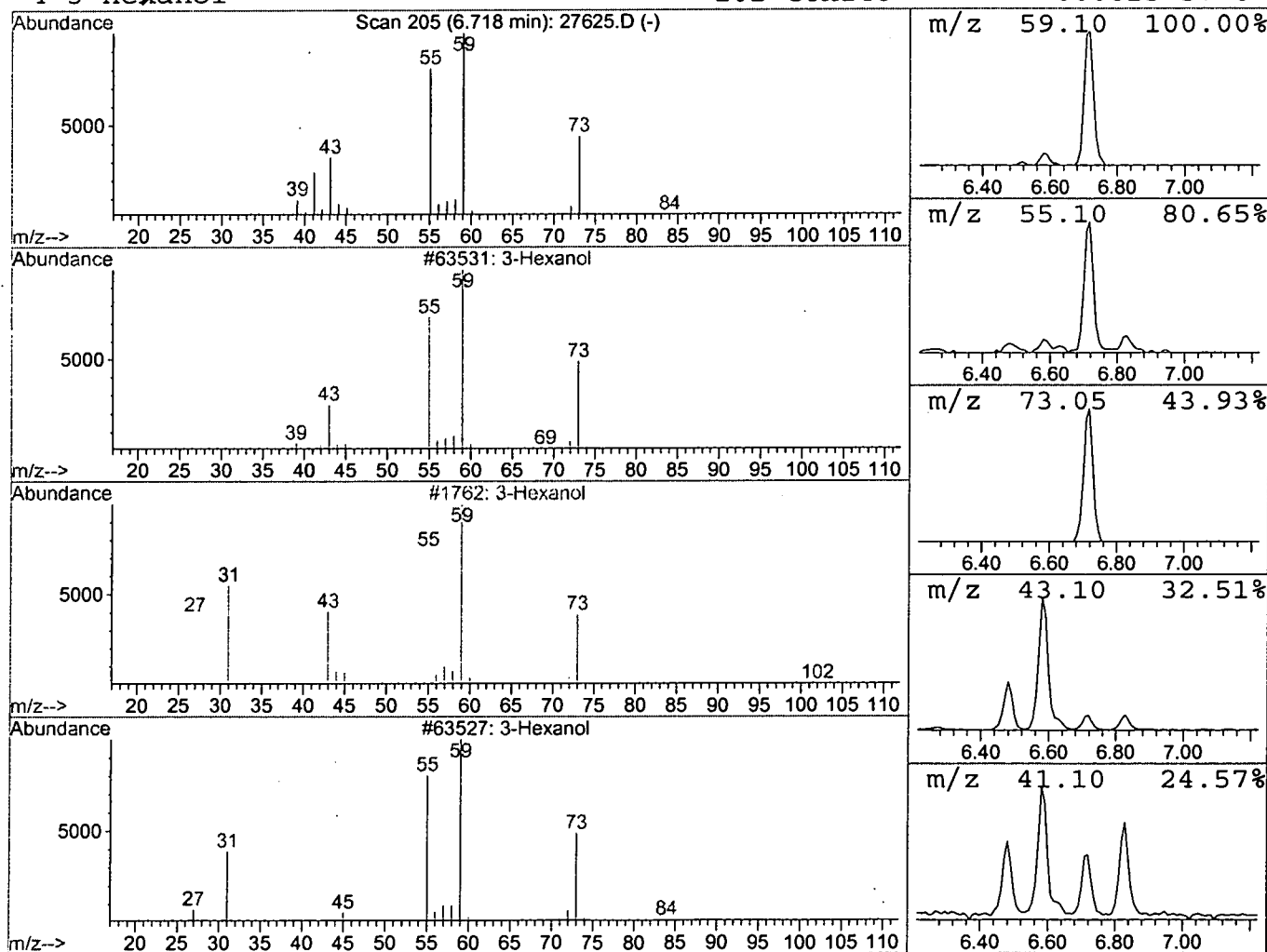
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	0.81 ng/uL	234605	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

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 Acq On : 20 Dec 2001 10:39 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

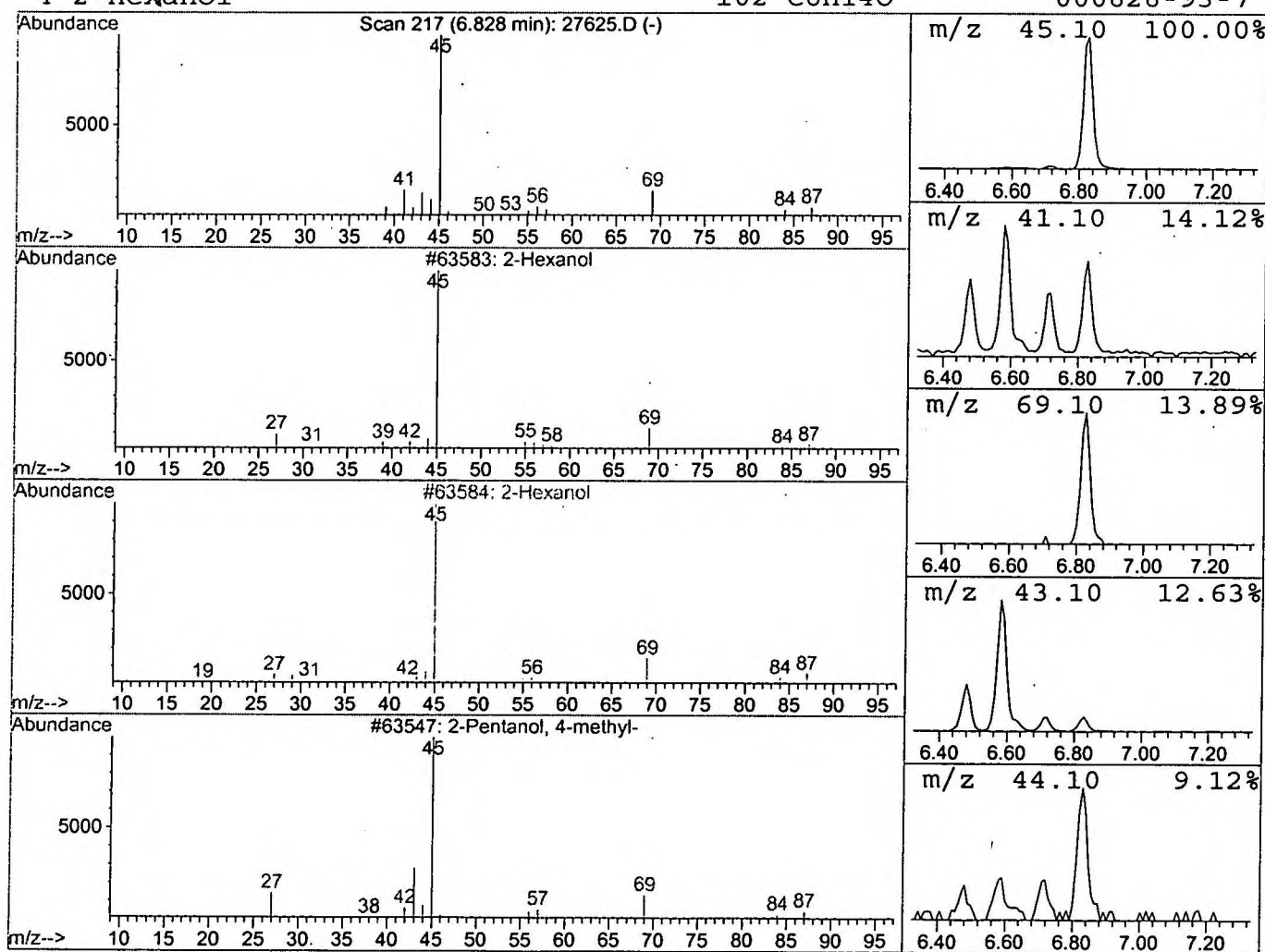
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	1.17 ng/uL	337537	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-Hexanol		102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	78
4	2-Hexanol		102	C6H14O	000626-93-7	74



Library Search Compound Report

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Acq On : 20 Dec 2001 10:39 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

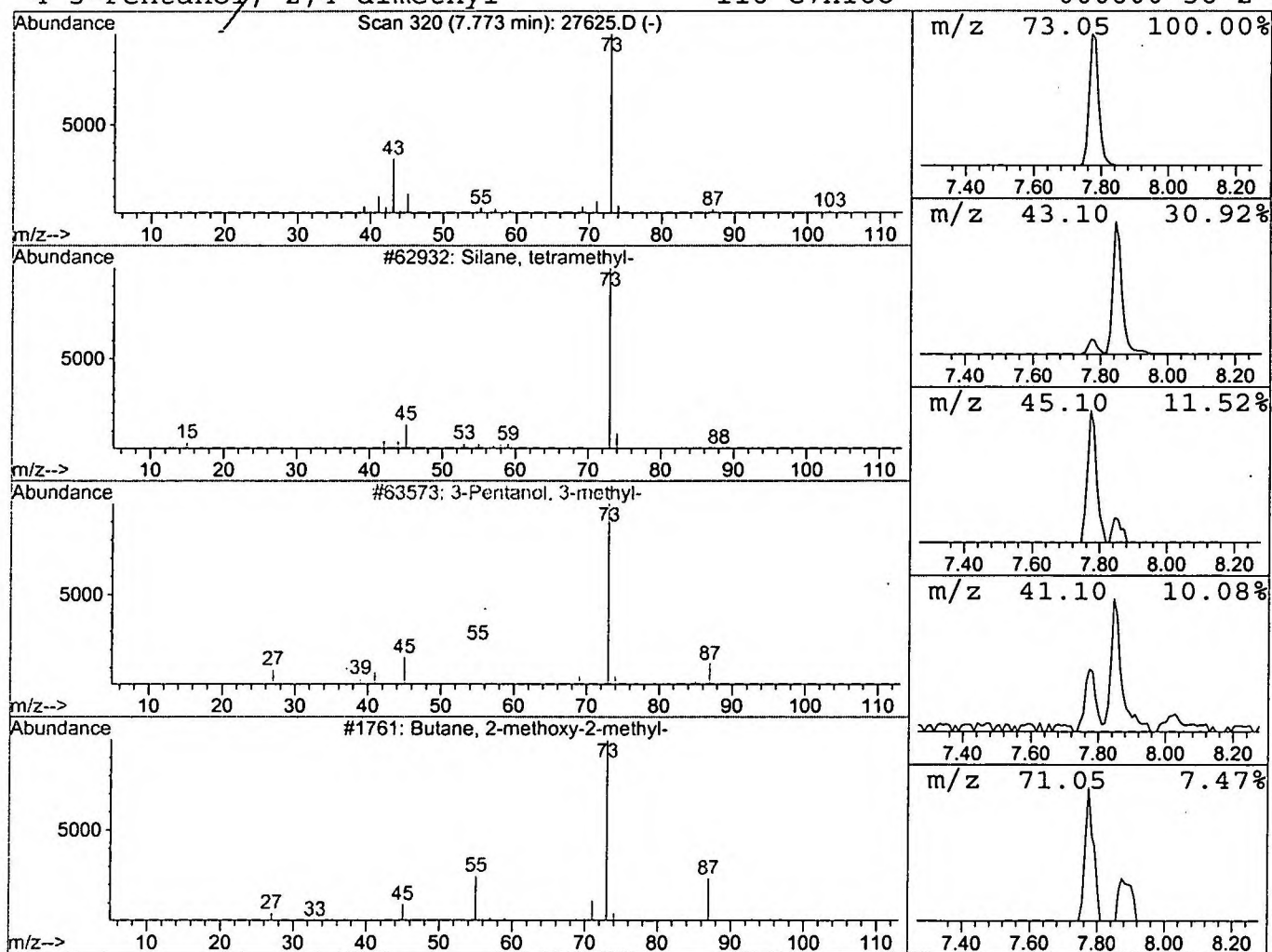
Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 5 Silane, tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	0.79 ng/uL	227510	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33



Library Search Compound Report

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 Misc :
 MS Integration Params: LSCINT.P

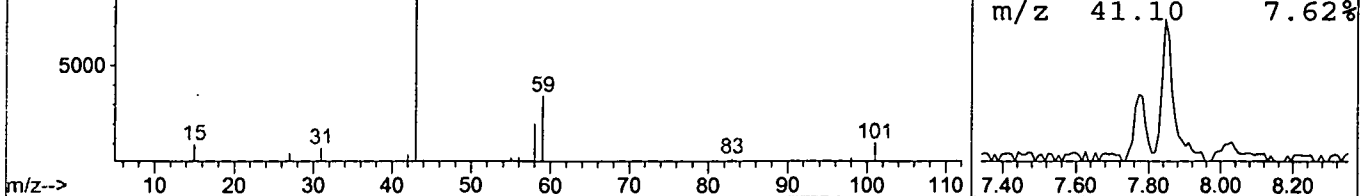
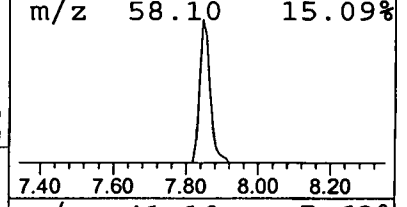
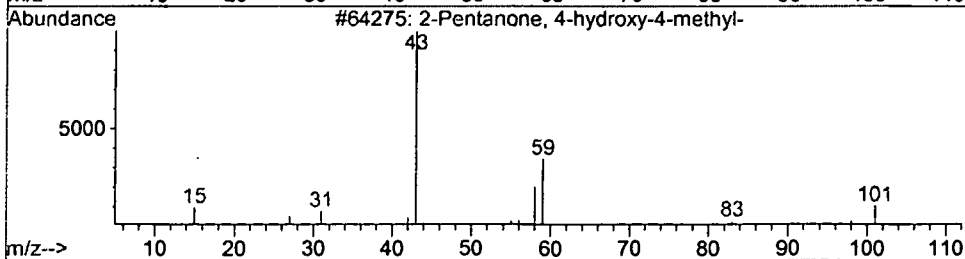
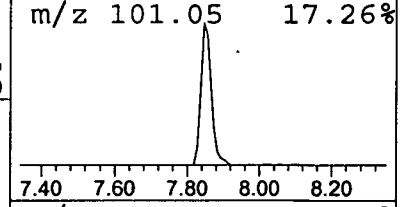
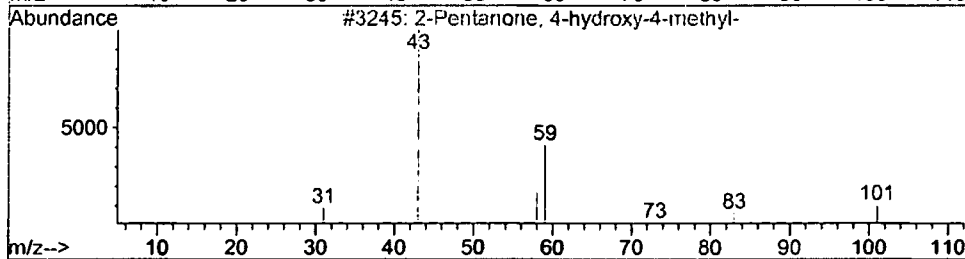
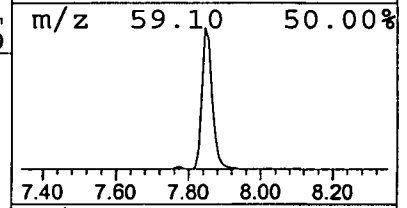
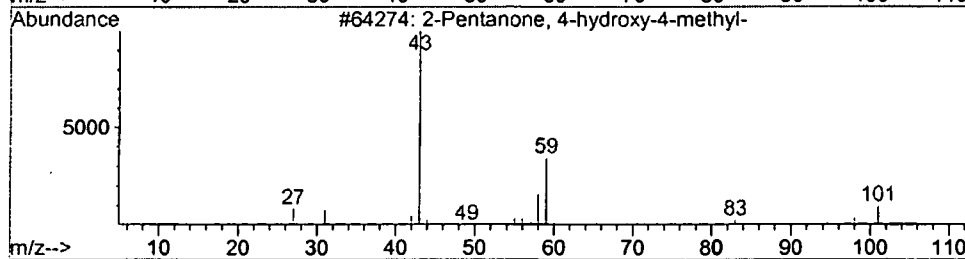
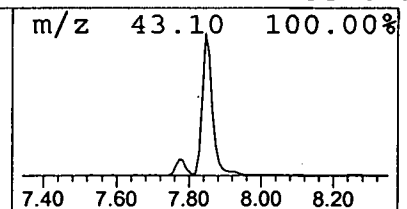
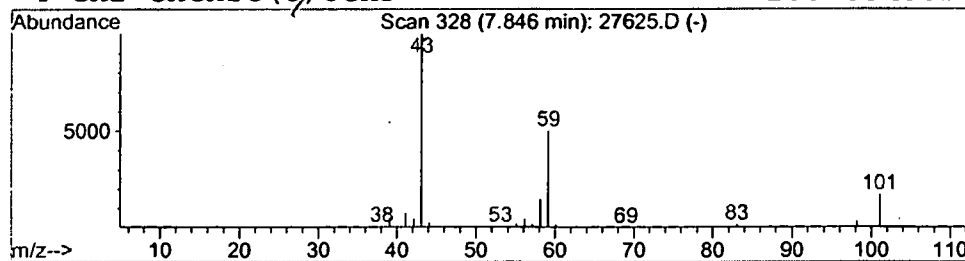
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	2.48 ng/uL	715748	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	45
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	40
4			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Library Search Compound Report

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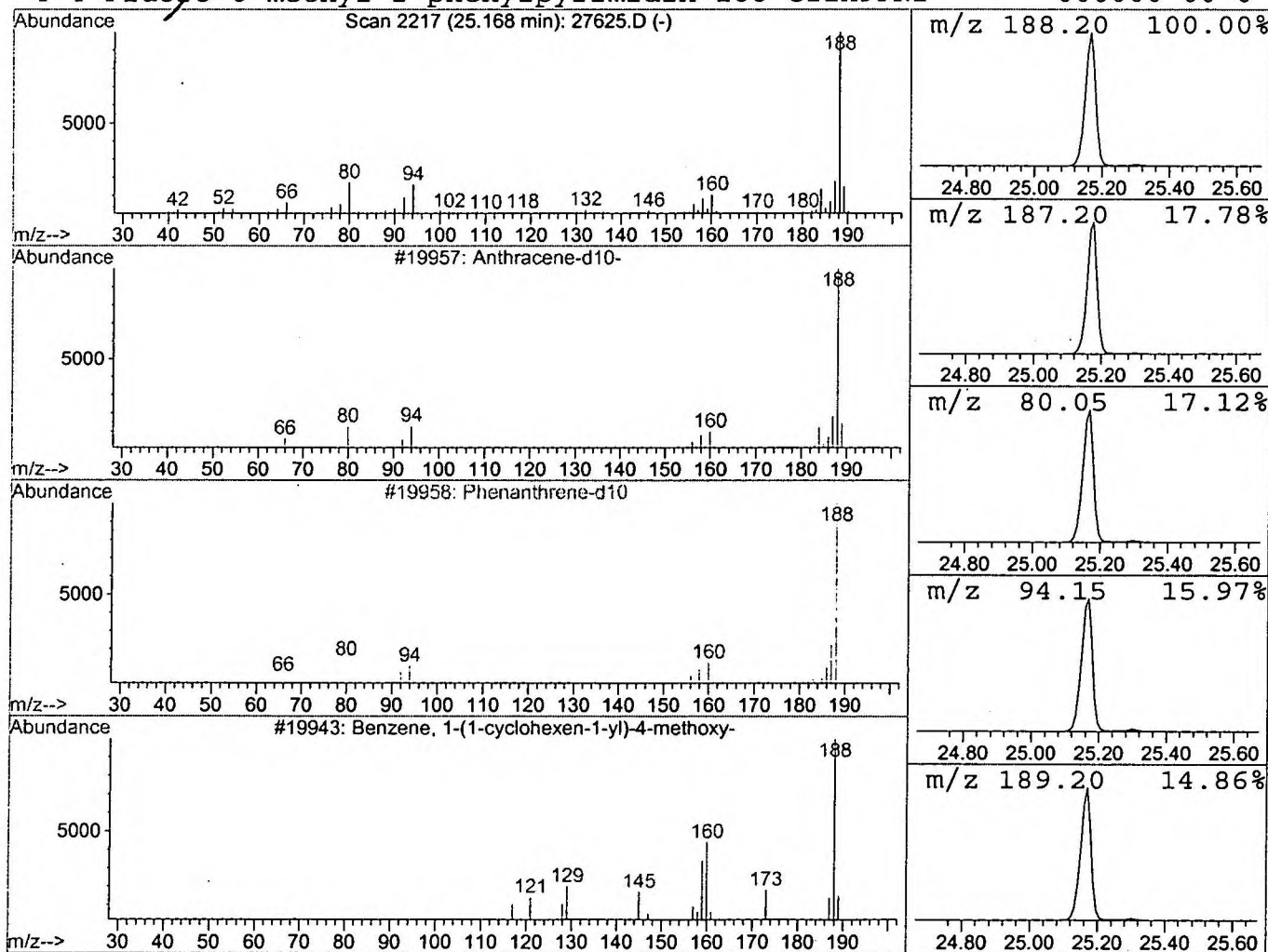
Vial: 15
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 7 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.17	20.00 ng/uL	7023600	Phenanthrene-d10	25.31

Hit#	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	96
2		Phenanthrene-d10	188	C14D10	001517-22-2	58
3		Benzene, 1-(1-cyclohexen-1-yl)-4-me	188	C13H16O	020758-60-5	36
4		4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 10:39 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27625.D
Name: gcms unknown 11/16
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	6.48	0.9	ng/uL	264992	ISTD01	11.87	5763400	20.0
2-Hexanone	6.58	1.8	ng/uL	514055	ISTD01	11.87	5763400	20.0
3-Hexanol	6.72	0.8	ng/uL	234605	ISTD01	11.87	5763400	20.0
2-Hexanol	6.83	1.2	ng/uL	337537	ISTD01	11.87	5763400	20.0
Silane, tetramethyl-	7.77	0.8	ng/uL	227510	ISTD01	11.87	5763400	20.0
2-Pentanone, 4-hydro	7.85	2.5	ng/uL	715748	ISTD01	11.87	5763400	20.0
Anthracene-d10-	25.17	20.0	ng/uL	7023600	ISTD04	25.31	7023600	20.0

27625.D NP112701.M Thu Dec 20 11:40:35 2001