User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 12:15:15

Sample: AD27874
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 12:12 Ended: 1/2/02 12:12 Analyst: MG
Page: 1

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

:omments for Sample AD27874 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Iser: Galos, Marie
)ate: 01-02-2002 Time: 12:16:23

, scan of the extract prepared for the 508 analysis, from 35-550 amu using a
1ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27874.D Vial: 6
Acq On : 20 Dec 2001 8:43 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:40 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	2762038	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.49	136	11075171	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	4853854	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.18	188	7039888m	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	4753825	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	2599901	20.00	ng/uL	-0.06

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	3509	0.02	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.03%#			
7) 1,2-Dichlorobenzene-d4	12.26	152	276	0.00	ng/uL	-0.20
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	8137	0.03	ng/uL	0.07
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.06%#			
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	11.87	146	293	N.D.
12) 1,4-Dichlorobenzene	11.91	146	653	N.D.
13) 1,2-Dichlorobenzene	12.42	146	358	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	12.74	45	685	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.

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

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Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
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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	2502	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	21.10	165	307	N.D.		
45) Diethylphthalate	22.24	149	1258	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.	d	
56) Anthracene	0.00	178	0	N.D.	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

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Misc : Multiplr: 1.00
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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	33.20	228	12382	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	15138	N.D.	
67) Chrysene	33.20	228	12382	N.D.	
69) Di-n-Octylphthalate	35.18	149	325	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	37.27	252	9960	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.	

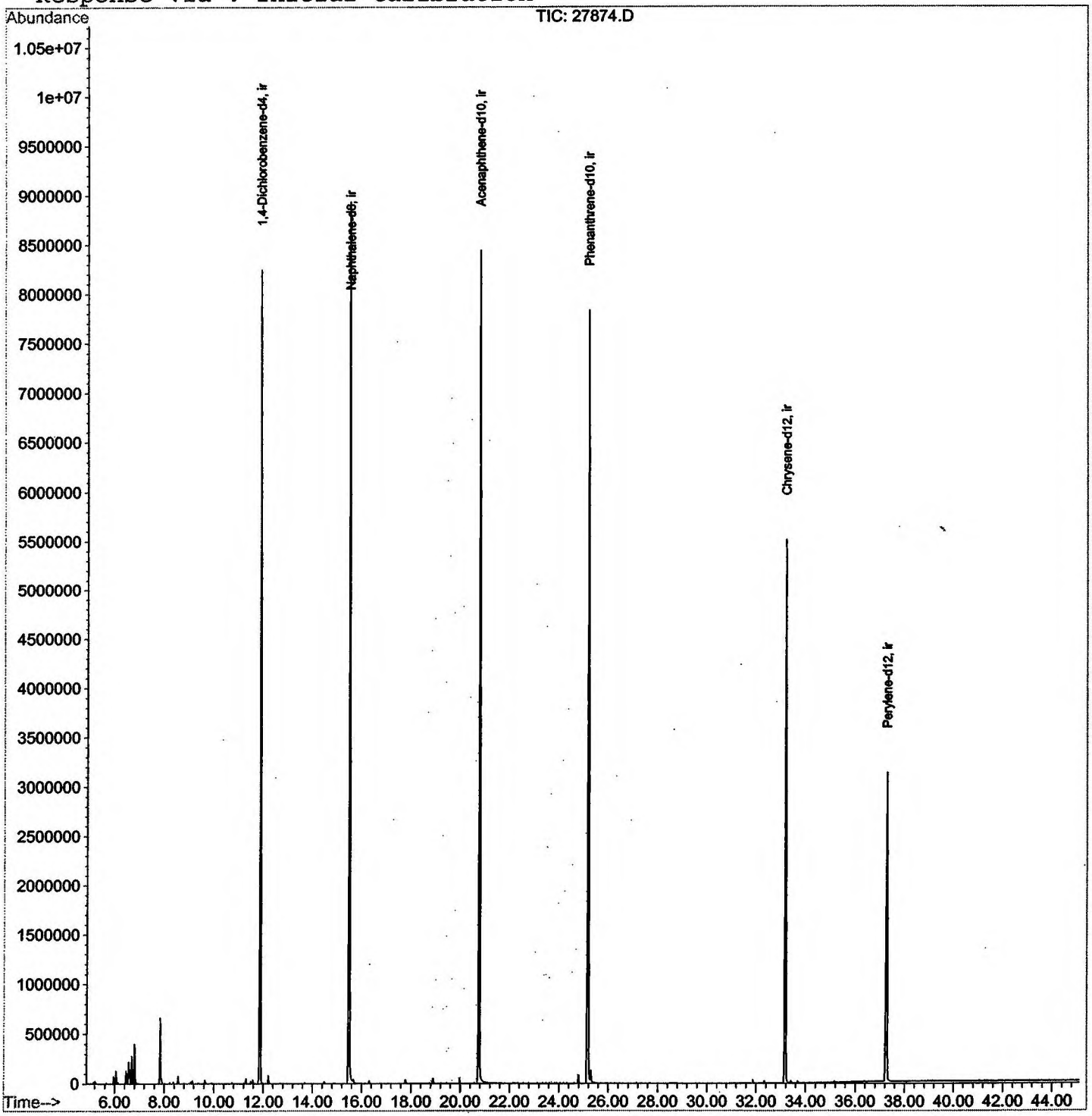
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27874.D
Acq On : 20 Dec 2001 8:43 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:40 2001

Vial: 6
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\27874.D Vial: 6
Acq On : 20 Dec 2001 8:43 pm 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

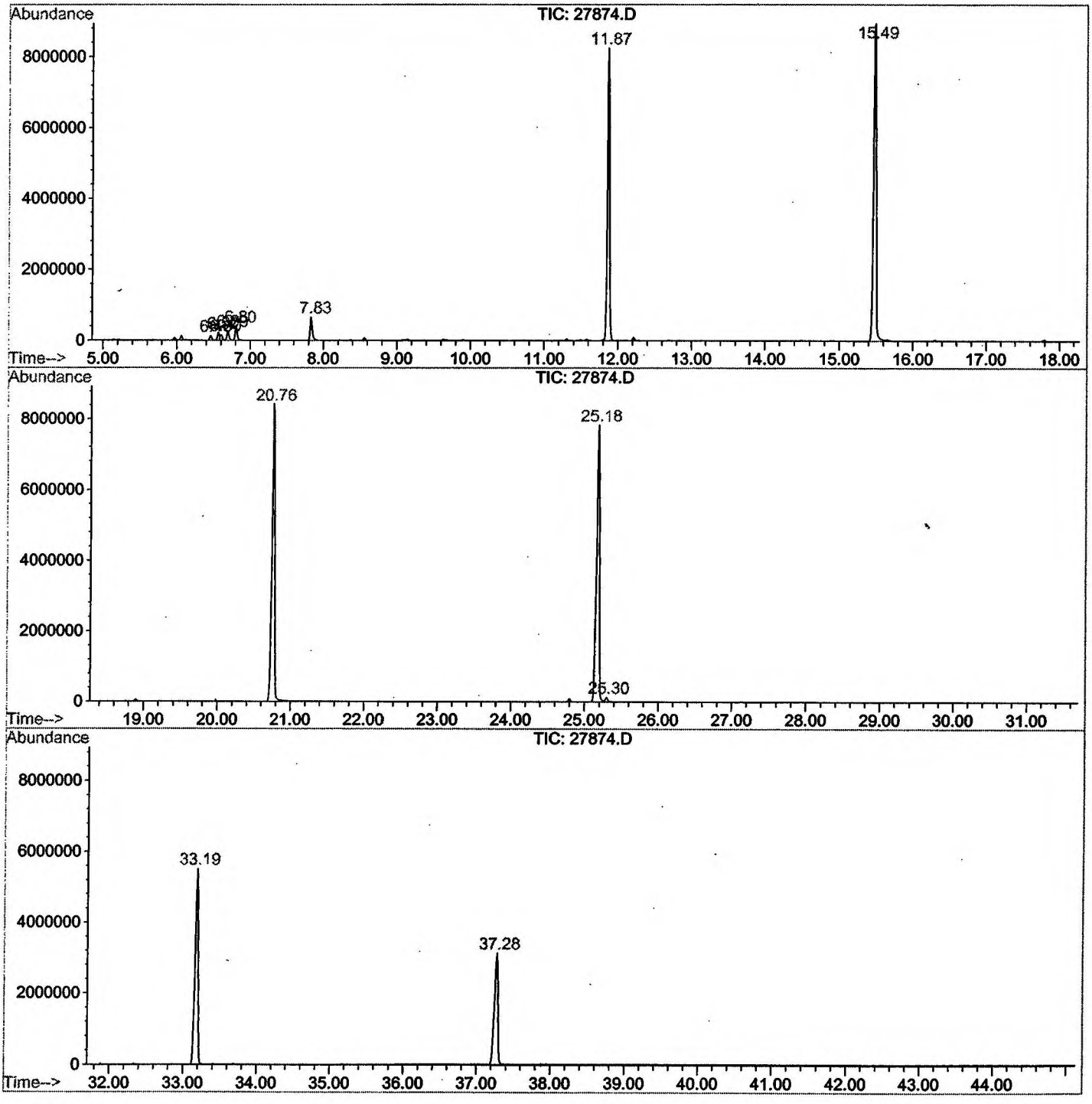
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.465	171	177	183	rBV	131489	248597	1.09%	0.220%
2	6.566	183	188	190	rVV	224299	411589	1.81%	0.364%
3	6.602	190	192	198	rVV	155025	303237	1.33%	0.268%
4	6.694	198	202	210	rVV	279303	522231	2.30%	0.462%
5	6.804	210	214	224	rVB	397517	763848	3.36%	0.676%
6	7.831	322	326	338	rBV	661034	1324870	5.83%	1.173%
7	11.866	760	766	777	rVB	8236197	17534196	77.15%	15.524%
8	15.488	1152	1161	1176	rBV	8934297	22728418	100.00%	20.123%
9	20.761	1727	1736	1760	rBV2	8442603	21988254	96.74%	19.468%
10	25.181	2204	2218	2227	rBV2	7835320	20387397	89.70%	18.050%
11	25.300	2227	2231	2241	rVB	126675	293896	1.29%	0.260%
12	33.187	3080	3091	3103	rBV2	5511651	16099354	70.83%	14.254%
13	37.276	3526	3537	3552	rBV2	3119572	10340660	45.50%	9.155%

Sum of corrected areas: 112946547

27874.D NP112701.M Fri Dec 21 09:57:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27874.D
Operator : GALOS
Acquired : 20 Dec 2001 8:43 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 6
Quant File :NP112701.RES (RTE Integrator)



27874.D NP112701.M Fri Dec 21 09:57:49 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27874.D Vial: 6
Acq On : 20 Dec 2001 8:43 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

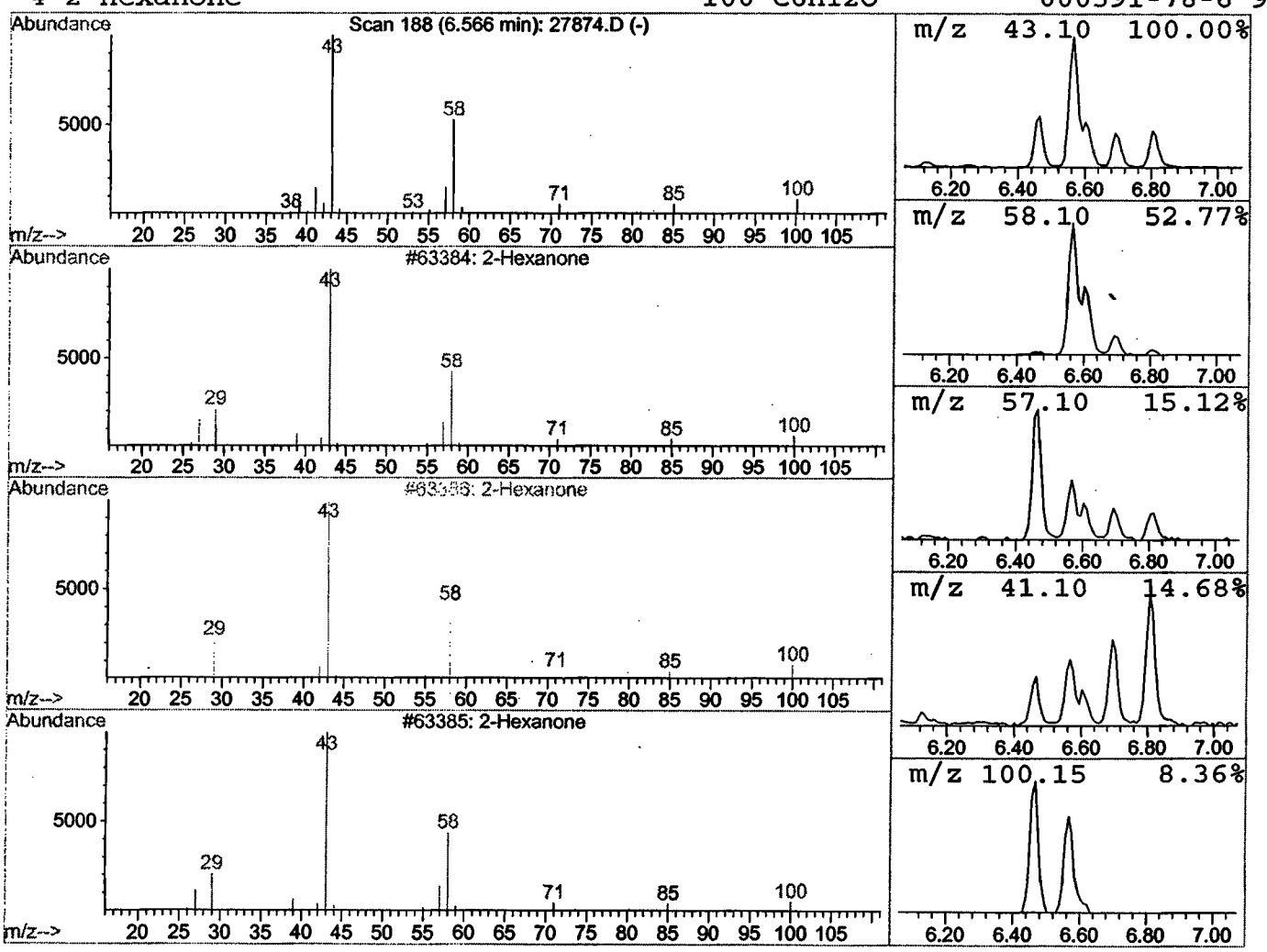
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.47 ng/uL	411589	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\27874.D Vial: 6
Acq On : 20 Dec 2001 8:43 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

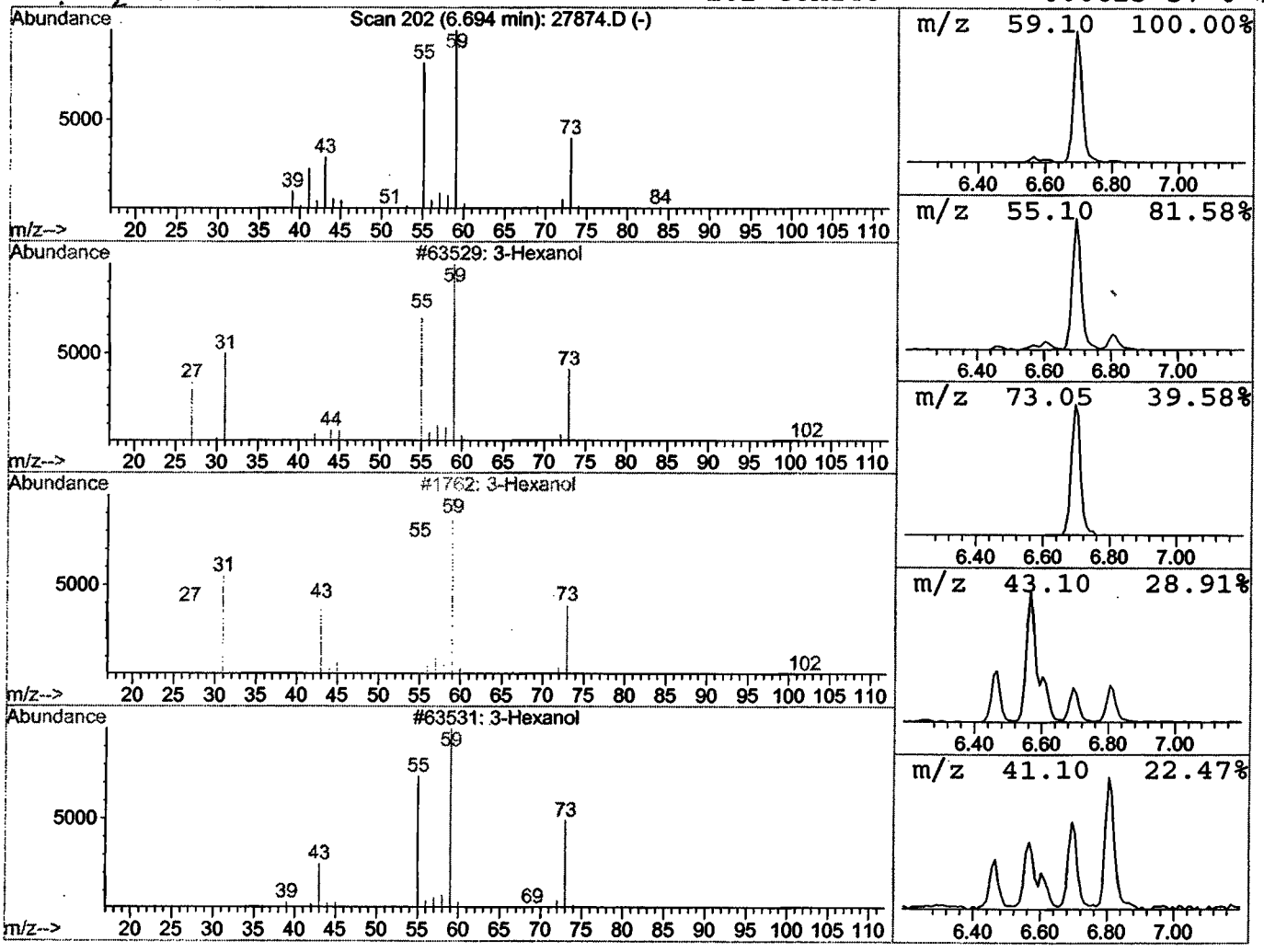
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	0.60 ng/uL	522231	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	78
3	3-Hexanol	102	C6H14O	000623-37-0	78
4	3-Hexanol	102	C6H14O	000623-37-0	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27874.D
Acq On : 20 Dec 2001 8:43 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

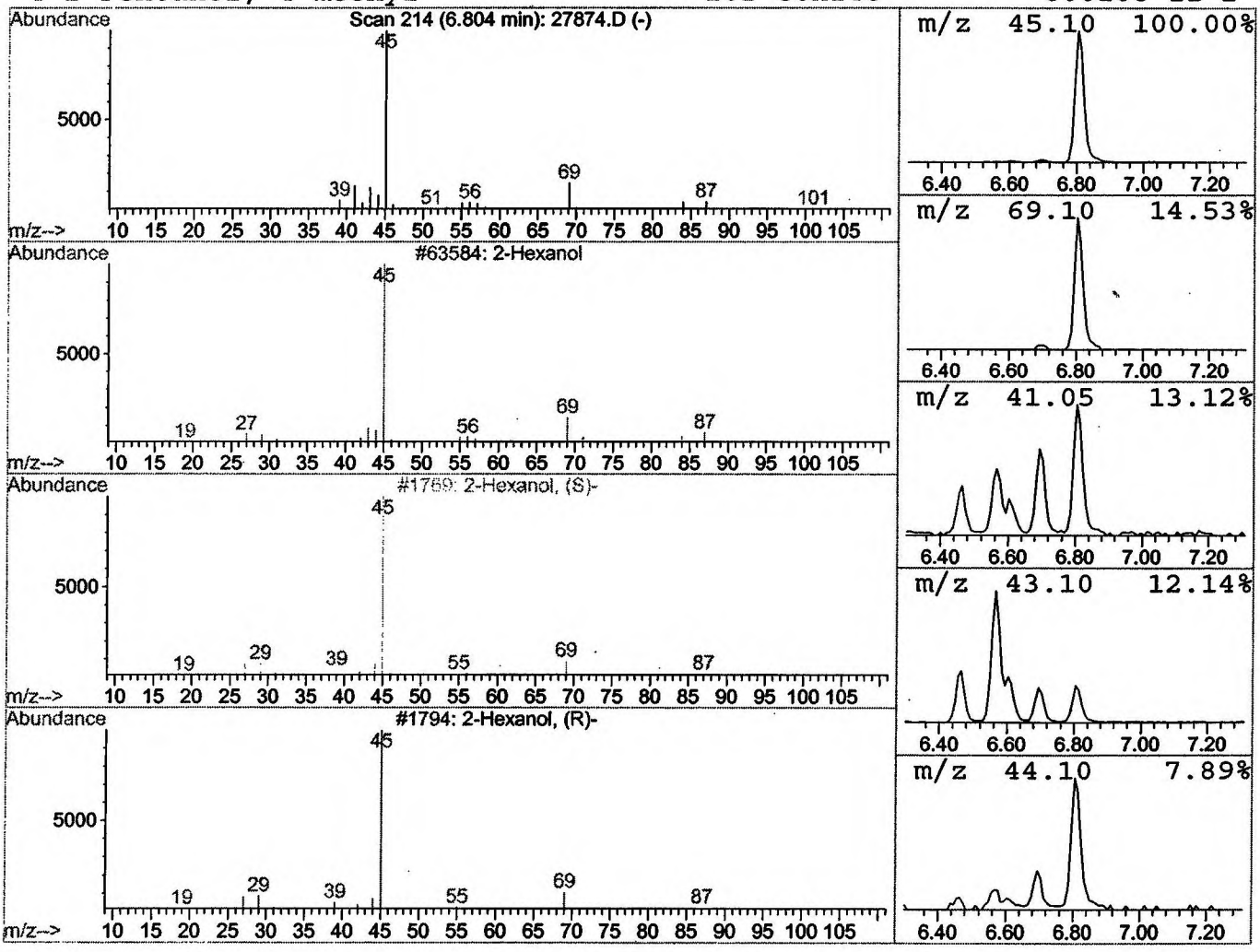
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	0.87 ng/uL	763848	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, (S)-	102	C6H14O	052019-78-0	78
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Library Search Compound Report

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Acq On : 20 Dec 2001 8:43 pm Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

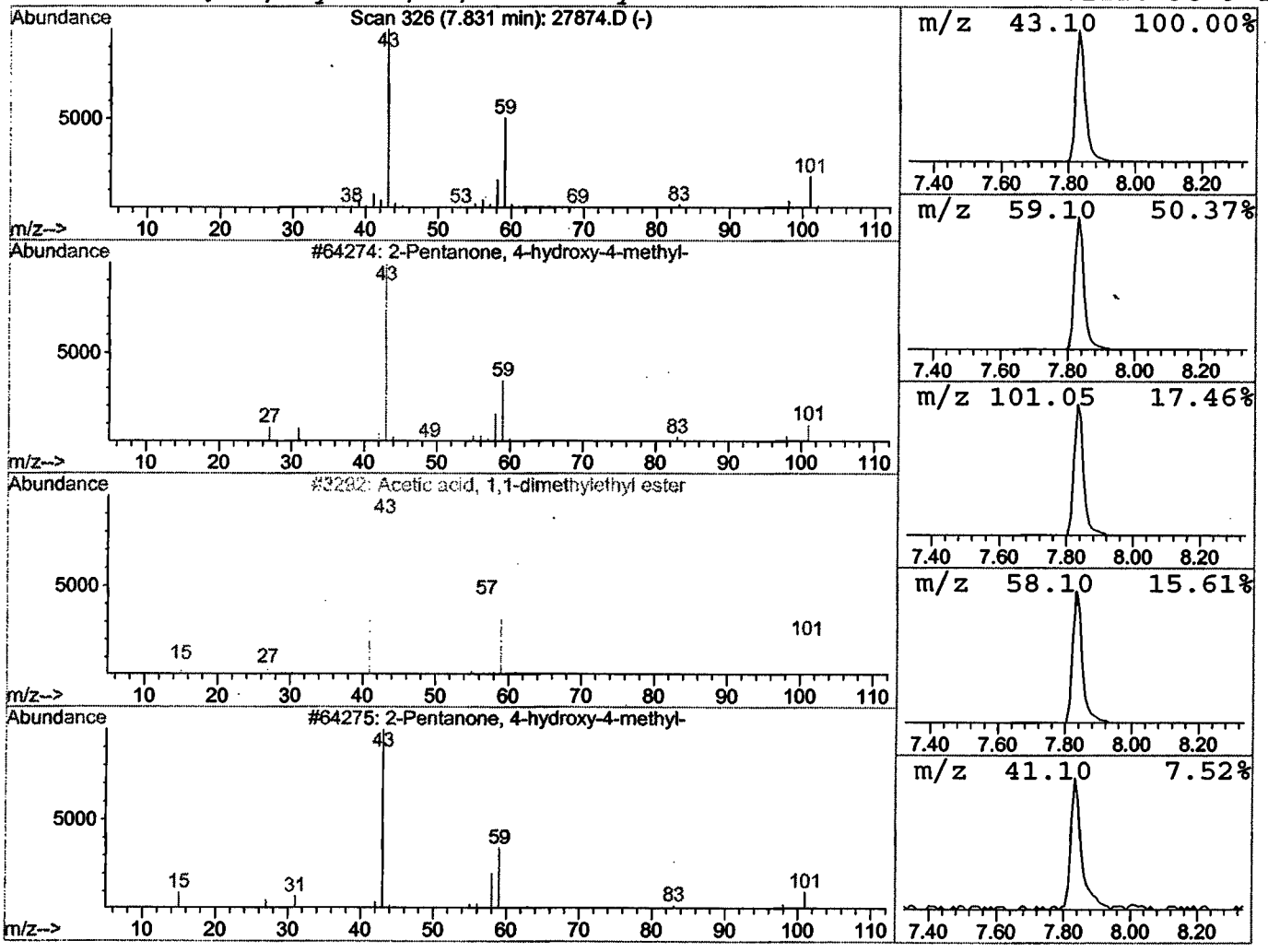
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	1.51 ng/uL	1324870	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	43
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 8:43 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27874.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
2-Hexanone	6.57	0.5	ng/uL	411589	ISTD01	11.87	17534200	20.0
3-Hexanol	6.69	0.6	ng/uL	522231	ISTD01	11.87	17534200	20.0
2-Hexanol	6.80	0.9	ng/uL	763848	ISTD01	11.87	17534200	20.0
2-Pentanone, 4-hydro	7.83	1.5	ng/uL	1324870	ISTD01	11.87	17534200	20.0

27874.D NP112701.M Fri Dec 21 09:57:59 2001