User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 13:19:59

Sample: AD27957
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 13:17 Ended: 1/2/02 13:17 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 AD27957 - Analysis $GCMS

Vestchester Dept. of Labs & Research
!ser: Galos, Marie
!ate: 01-02-2002 Time: 13:20:19

. 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\27957.D Vial: 13
Acq On : 21 Dec 2001 3:06 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	11.86	152	1390888	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	5578873	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	2476059	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	3679298m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	2584371	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	1405883	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	1211	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.05	152	338	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	18.89	172	3041	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	12.41	45	344	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		

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

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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	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	25.15	178	280	N.D.	
56) Anthracene	25.15	178	280	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

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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	5942	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	26433	N.D.	
67) Chrysene	33.17	228	5942	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	37.26	252	4886	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

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Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:48 2001

Vial: 13
Operator: GALOS
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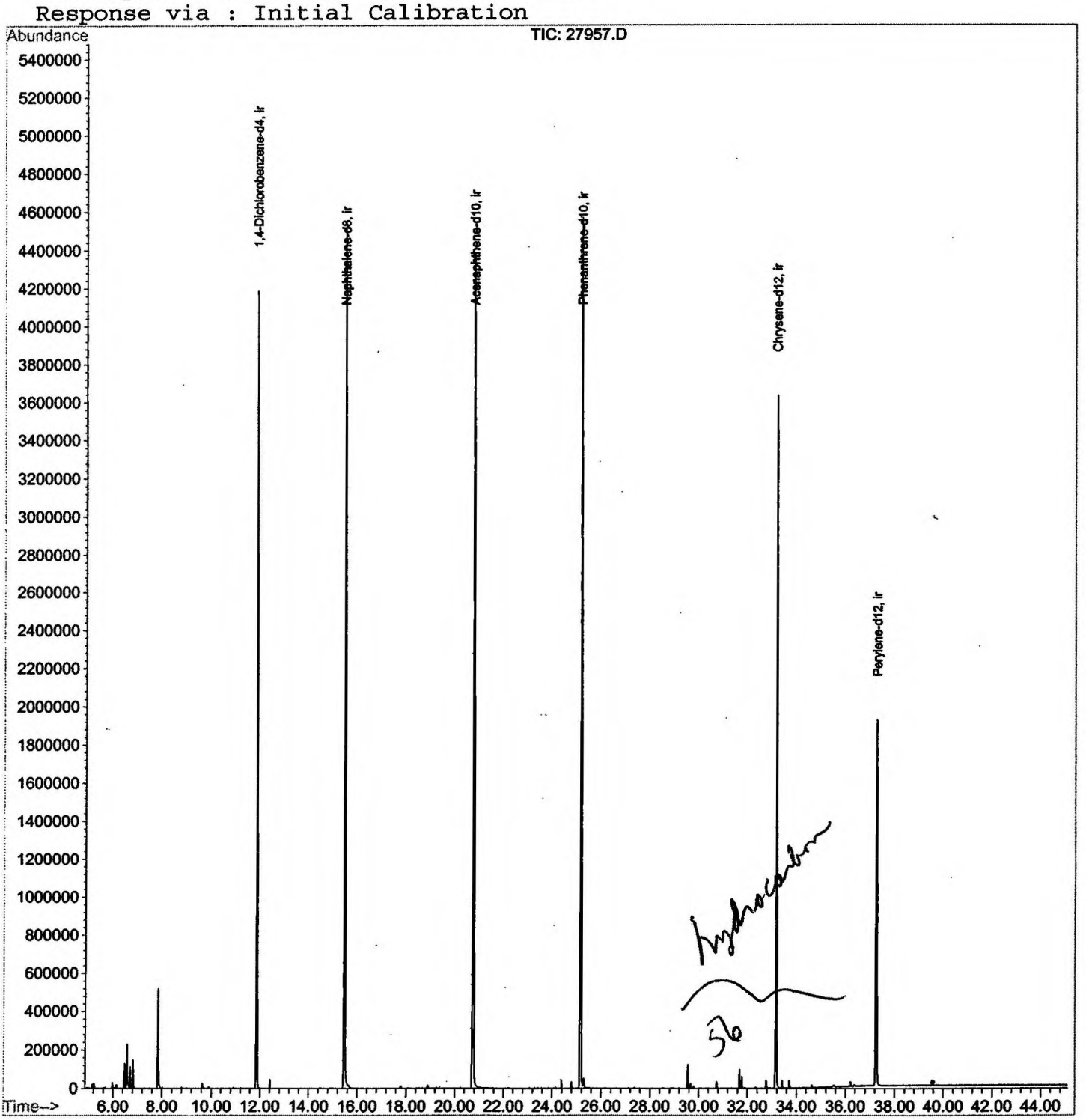
Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27957.D Vial: 13
Acq On : 21 Dec 2001 3:06 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

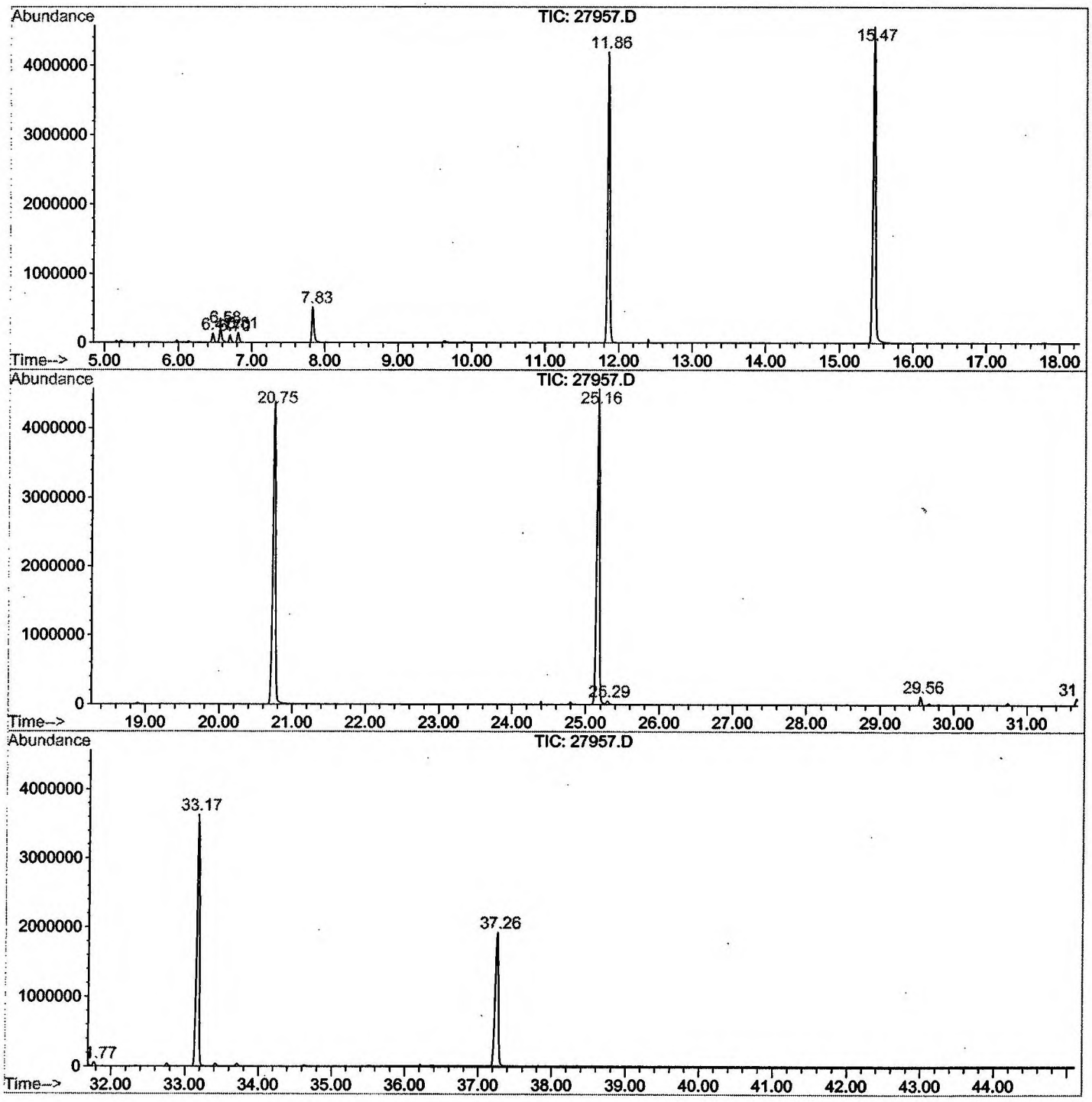
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.465	172	177	183	rBV	130276	251050	2.20%	0.425%
2	6.576	183	189	198	rVV	231264	497825	4.36%	0.843%
3	6.704	198	203	210	rVV	113177	202582	1.77%	0.343%
4	6.814	210	215	225	rVB	149198	297433	2.60%	0.503%
5	7.832	322	326	339	rBV	517707	1056382	9.24%	1.788%
6	11.858	759	765	779	rBV	4187008	8678116	75.92%	14.689%
7	15.471	1151	1159	1175	rBV	4554695	11430427	100.00%	19.348%
8	20.752	1726	1735	1753	rBV	4384897	11089611	97.02%	18.771%
9	25.163	2206	2216	2226	rBV2	4568611	10580055	92.56%	17.908%
10	25.292	2226	2230	2241	rVB	50975	129159	1.13%	0.219%
11	29.556	2689	2695	2701	rVB	123485	237712	2.08%	0.402%
12	31.683	2921	2927	2933	rBV2	97845	209872	1.84%	0.355%
13	31.775	2933	2937	2947	rVB	61446	132556	1.16%	0.224%
14	33.169	3080	3089	3101	rBV2	3631894	8683786	75.97%	14.699%
15	37.259	3525	3535	3548	rBV2	1912710	5602207	49.01%	9.483%

Sum of corrected areas: 59078773

27957.D NP112701.M Fri Dec 21 10:07:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27957.D
Operator : GALOS
Acquired : 21 Dec 2001 3:06 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 13
Quant File :NP112701.RES (RTE Integrator)



27957.D NP112701.M Fri Dec 21 10:07:13 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27957.D
Acq On : 21 Dec 2001 3:06 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

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

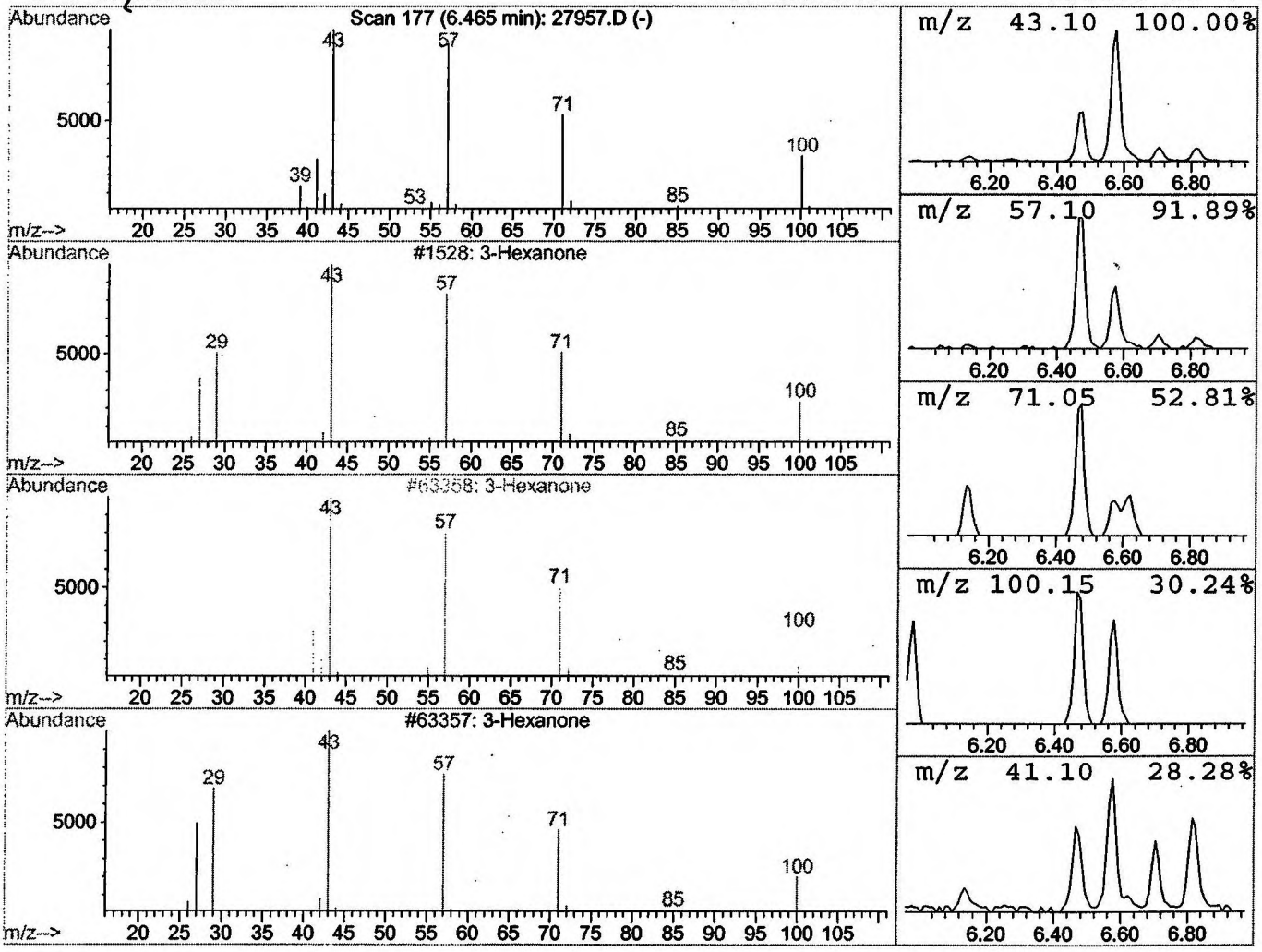
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	0.58 ng/uL	251050	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	72
4	3-Hexanone	100	C6H12O	000589-38-8	59



Library Search Compound Report

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Acq On : 21 Dec 2001 3:06 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

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

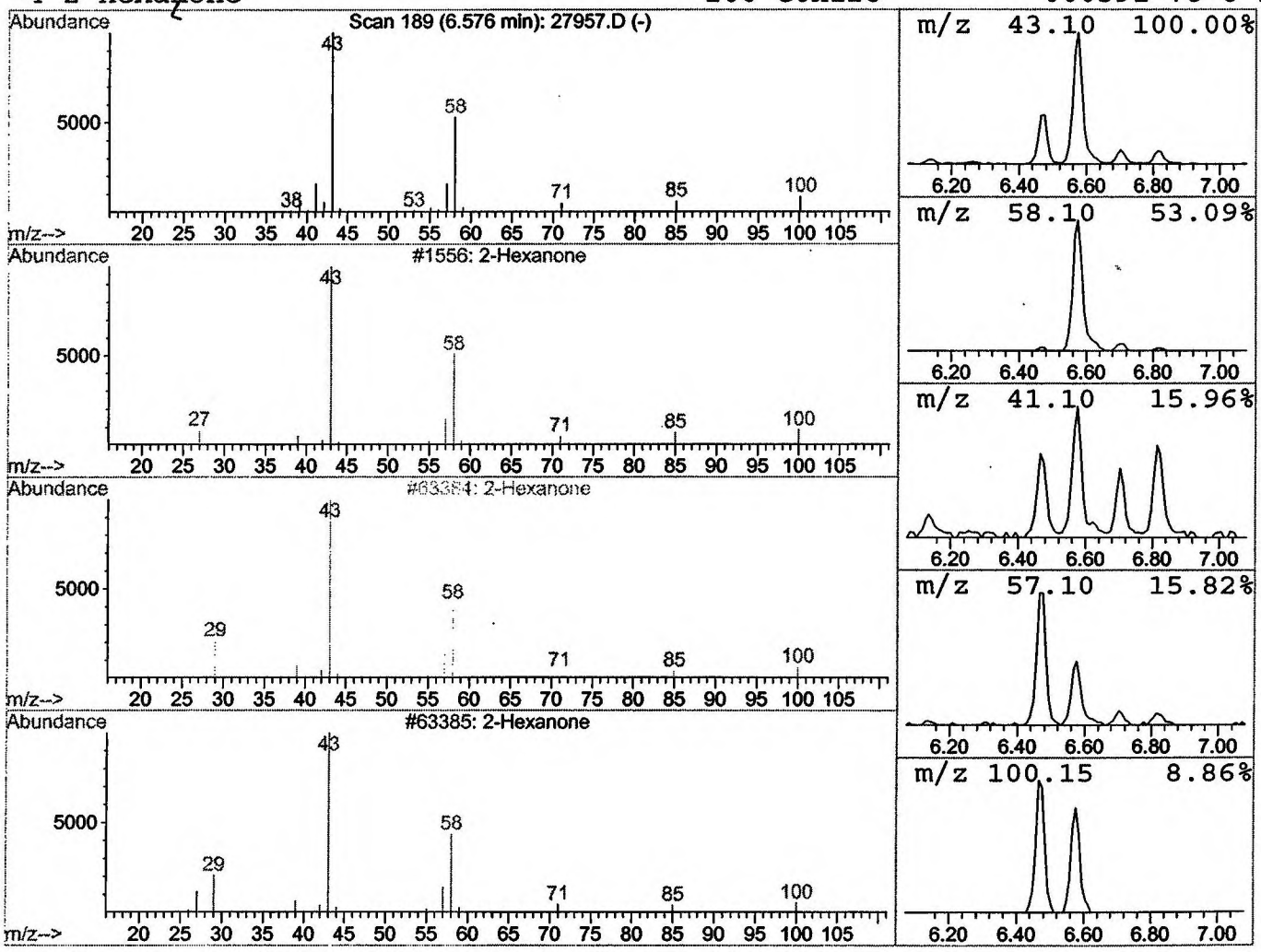
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.15 ng/uL	497825	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	91



Library Search Compound Report

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Acq On : 21 Dec 2001 3:06 am
Sample : gcms unknown 11/20
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
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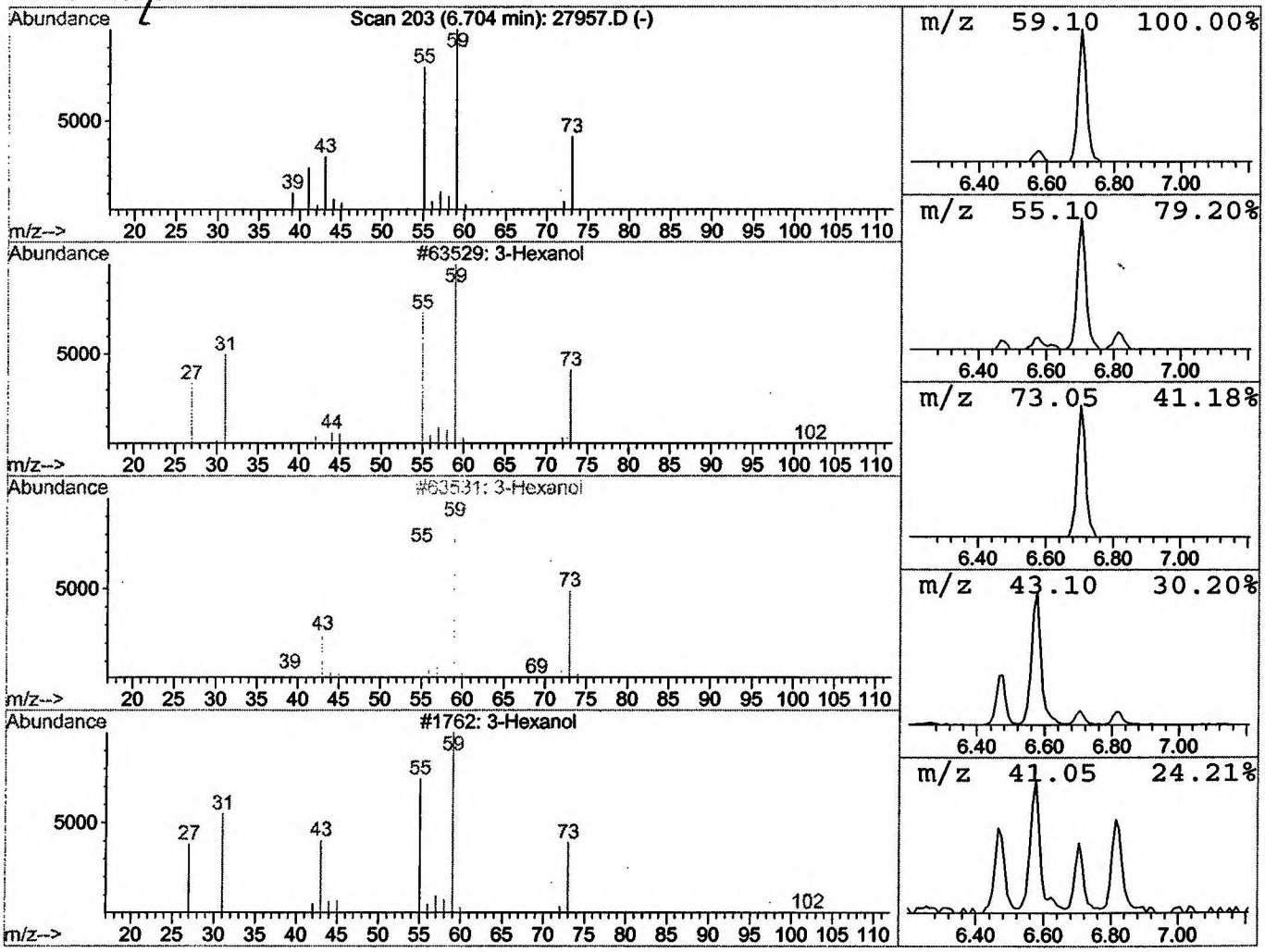
****

Peak Number 3 3-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.47 ng/uL	202582	1,4-Dichlorobenzene-d4	11.86

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



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Misc :
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Vial: 13
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Multiplr: 1.00

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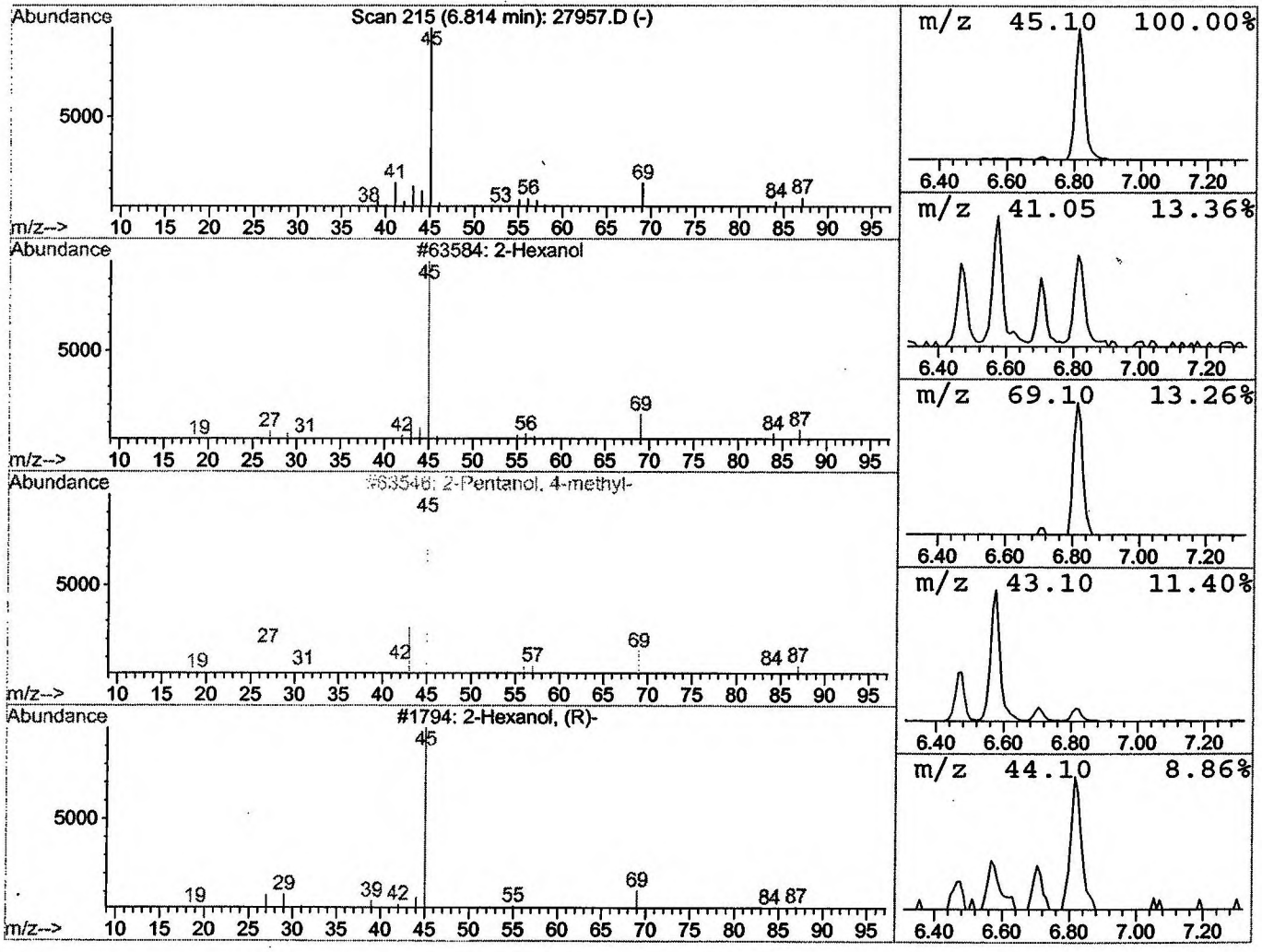
****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.69 ng/uL	297433	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-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4	2-Hexanol	102	C6H14O	000626-93-7	64



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Acq On : 21 Dec 2001 3:06 am Operator: GALOS
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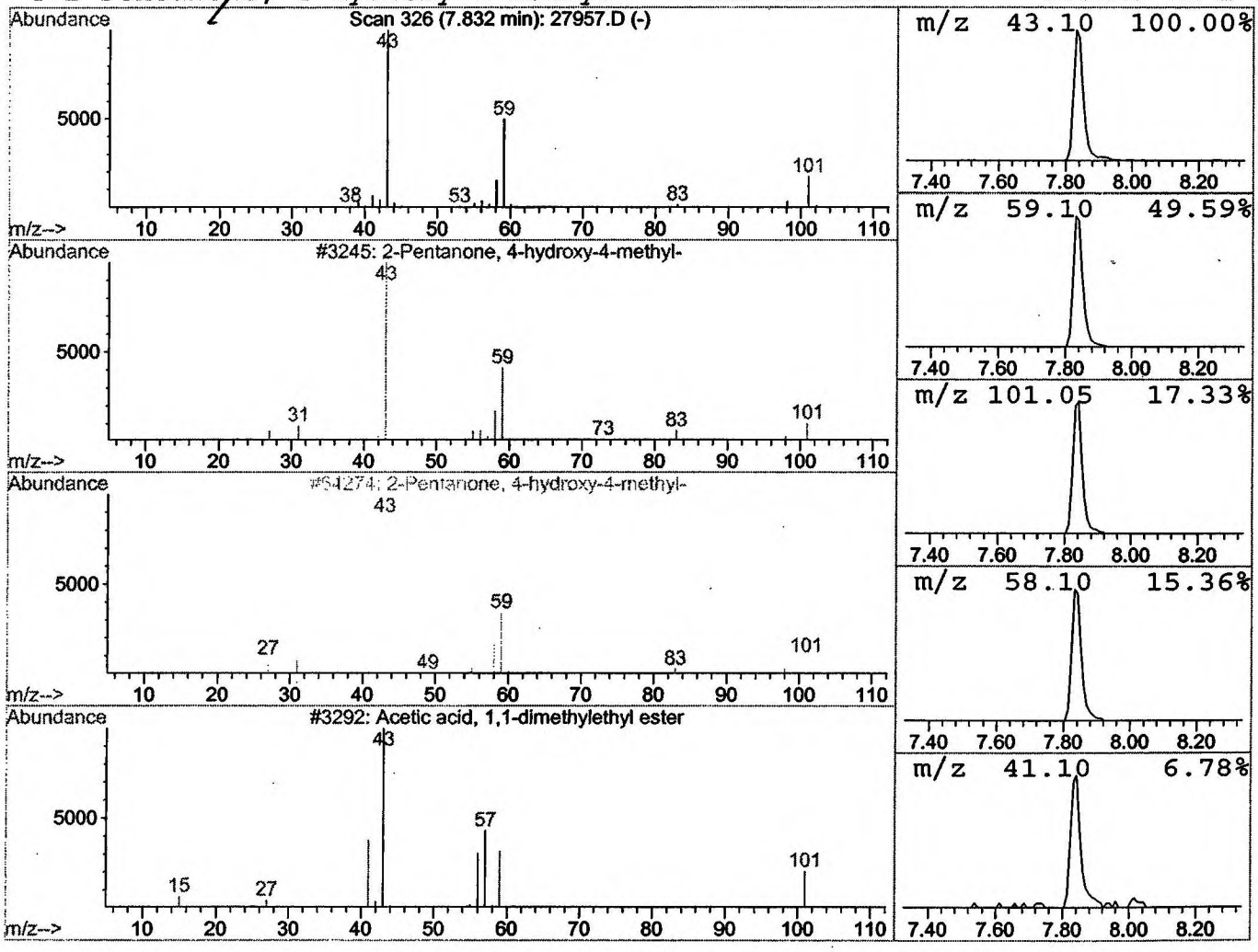
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.43 ng/uL	1056380	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	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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Acq On : 21 Dec 2001 3:06 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

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

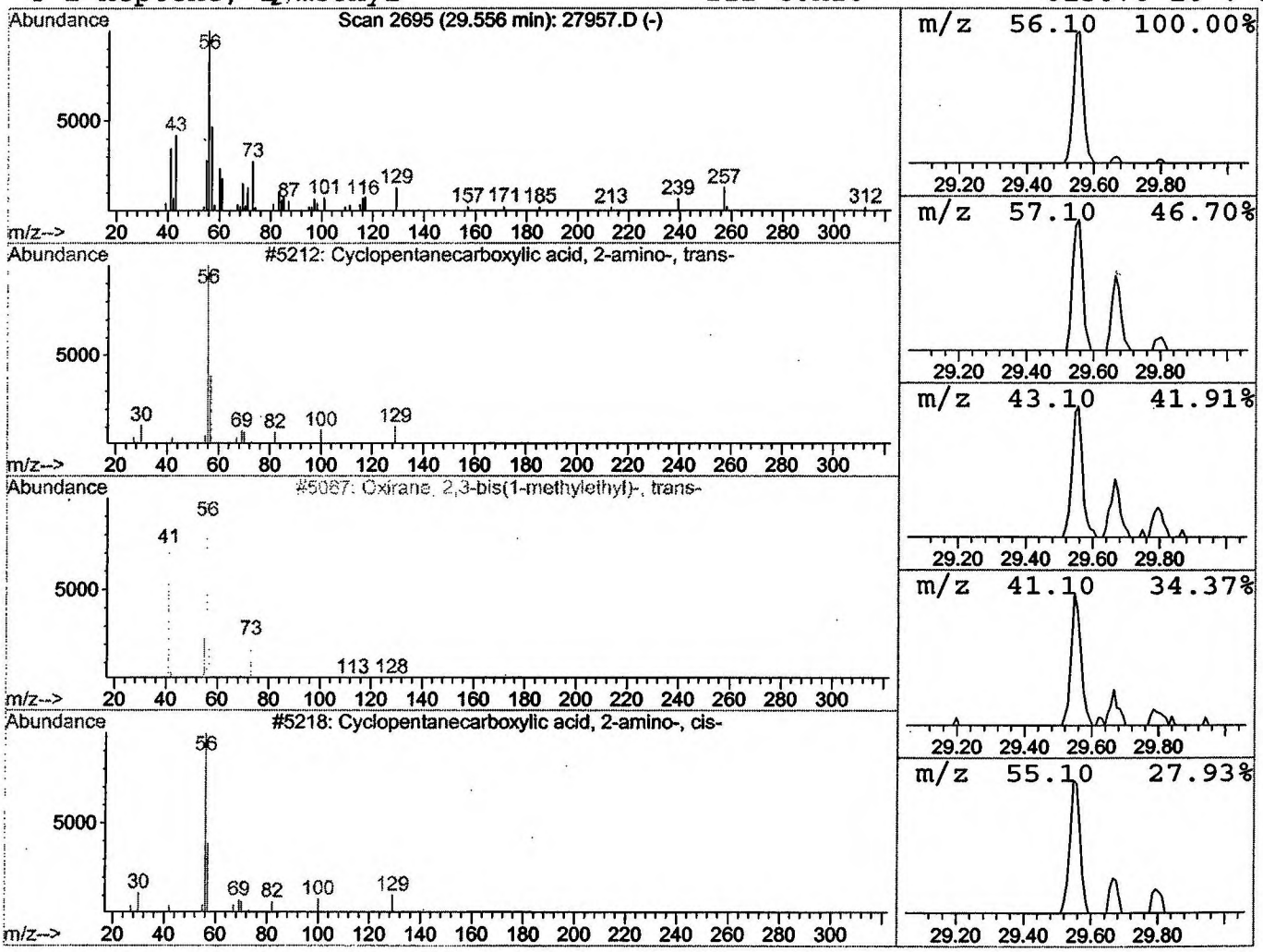
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclopentanecarboxylic acid, 2 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.56	0.55 ng/uL	237712	Chrysene-d12	33.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	43
2	Oxirane, 2,3-bis(1-methylethyl)-, t	128	C8H16O	054644-32-5	38
3	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	037910-65-9	37
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	35



Library Search Compound Report

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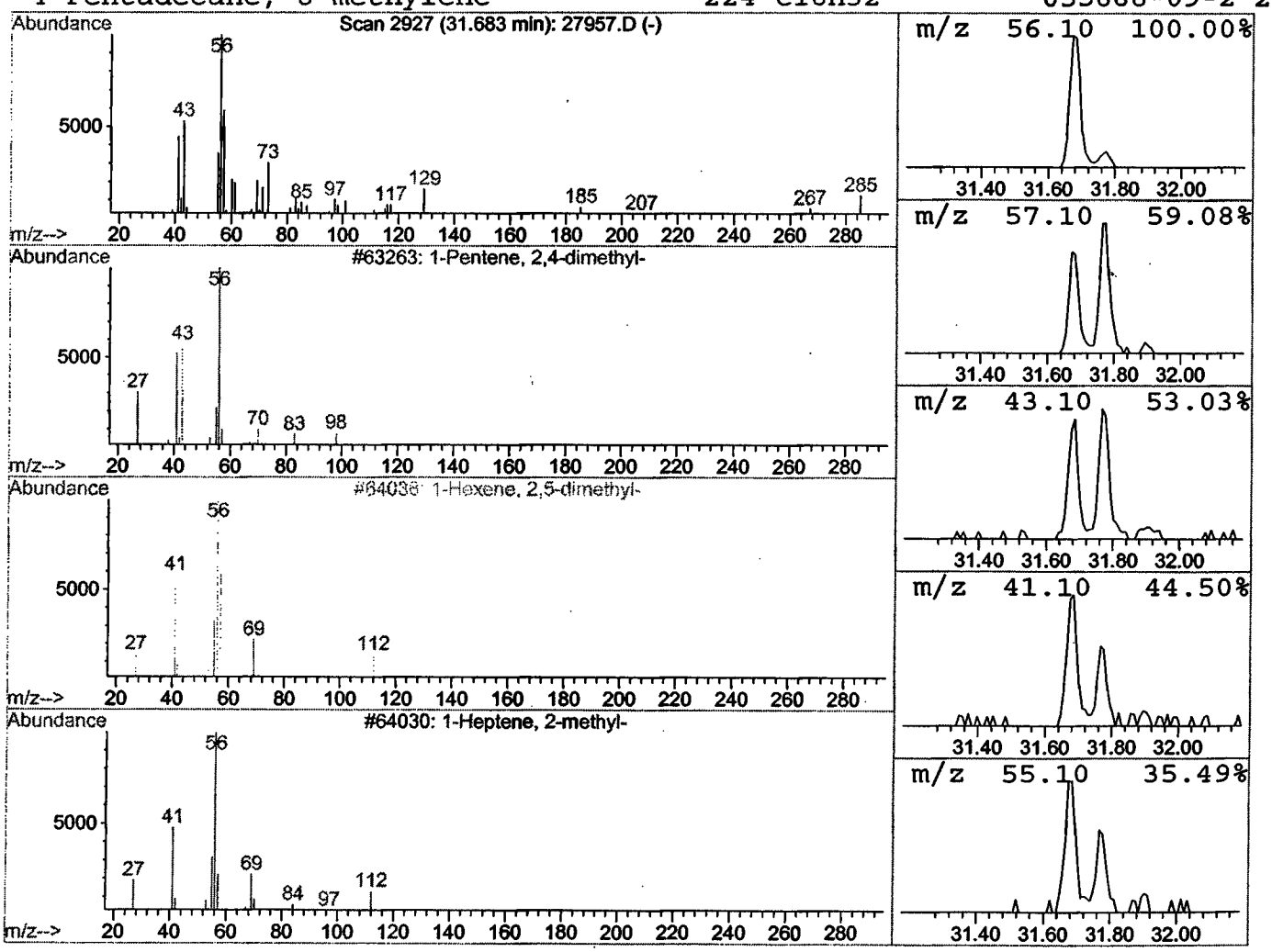
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 1-Pentene, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.68	0.48 ng/uL	209872	Chrysene-d12	33.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 3:06 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27957.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	6.47	0.6	ng/uL	251050	ISTD01	11.86	8678120	20.0
2-Hexanone	6.58	1.1	ng/uL	497825	ISTD01	11.86	8678120	20.0
3-Hexanol	6.70	0.5	ng/uL	202582	ISTD01	11.86	8678120	20.0
2-Hexanol	6.81	0.7	ng/uL	297433	ISTD01	11.86	8678120	20.0
2-Pentanone, 4-hydro	7.83	2.4	ng/uL	1056380	ISTD01	11.86	8678120	20.0
Cyclopentanecarboxyl	29.56	0.5	ng/uL	237712	ISTD05	33.17	8683790	20.0
1-Pentene, 2,4-dimet	31.68	0.5	ng/uL	209872	ISTD05	33.17	8683790	20.0

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