User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 14:50:10

Sample: AD27775
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 13:20 Ended: 1/2/02 13:20 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 AD27775 - Analysis $GCMS

/estchester Dept. of Labs & Research
'ser: Galos, Marie
'ate: 01-02-2002 Time: 14:50:36

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27775.D Vial: 24
Acq On : 21 Dec 2001 4:56 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:28 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	11.85	152	1211859	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	4933267	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	2174886	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	3252794	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	2331158	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	1287215	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	11.85	132	1425	0.02	ng/uL	0.43
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.03%#		
7) 1,2-Dichlorobenzene-d4	12.05	152	288	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	2770	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	30.03	244	299	0.00	ng/uL	-0.10
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

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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	14.19	82	569	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	20.11	163	1434	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	22.24	149	5576	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	27.14	149	62653	0.26 ng/uL	98
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

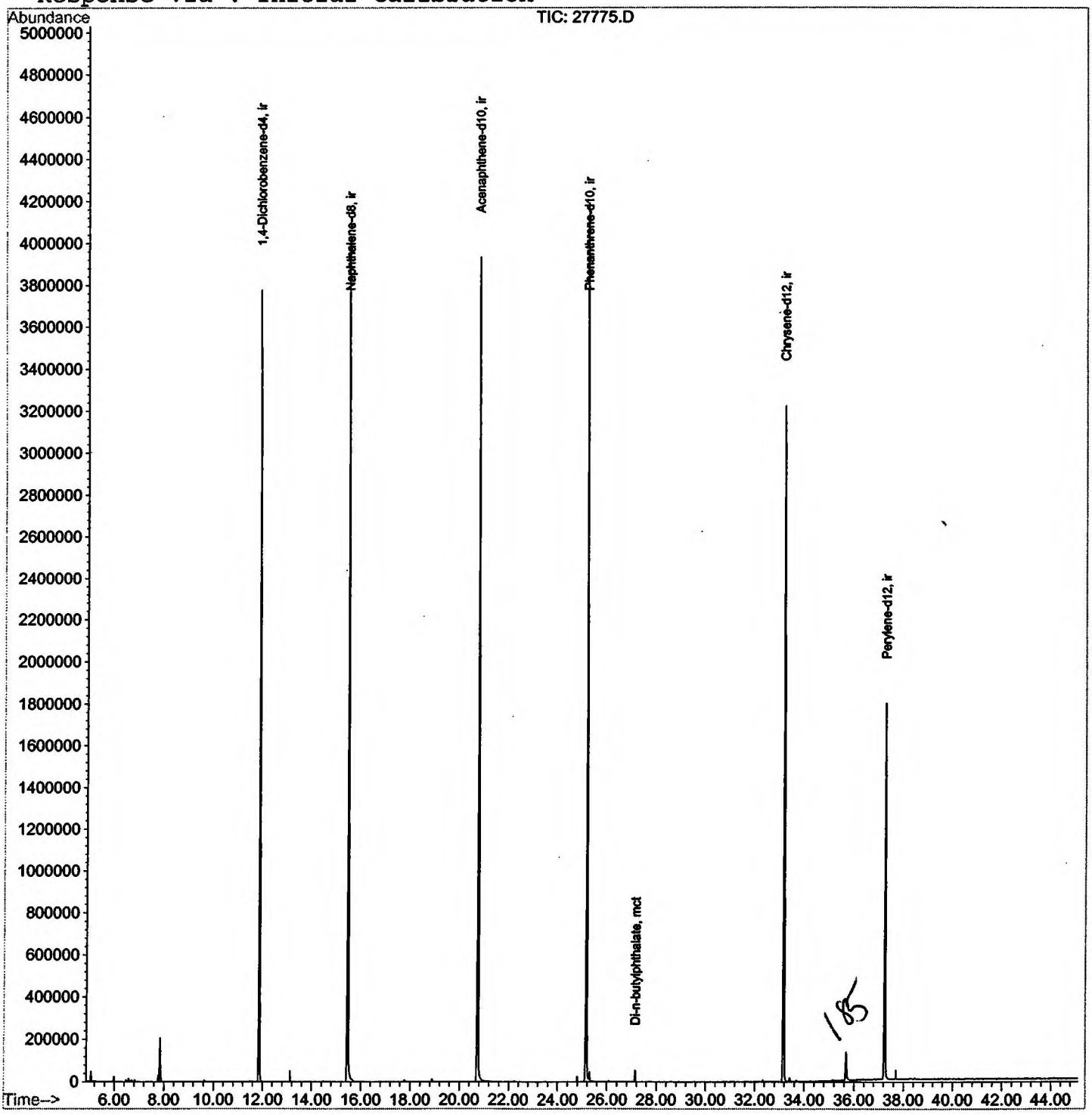
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	31.63	149	1699	N.D.	
65) Benzo(a)anthracene	33.17	228	6073	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.41	149	11874	N.D.	
67) Chrysene	33.22	228	2185	N.D.	
69) Di-n-Octylphthalate	35.16	149	3391	N.D.	
70) Benzo(b)fluoranthene	36.16	252	1761	N.D.	
71) Benzo(k)fluoranthene	36.23	252	1825	N.D.	
72) Benzo(a)pyrene	37.25	252	4800	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\27775.D Vial: 24
Acq On : 21 Dec 2001 4:56 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:28 2001 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\27775.D Vial: 24
Acq On : 21 Dec 2001 4:56 am Operator: GALOS
Sample : gcms unknown 11/21 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

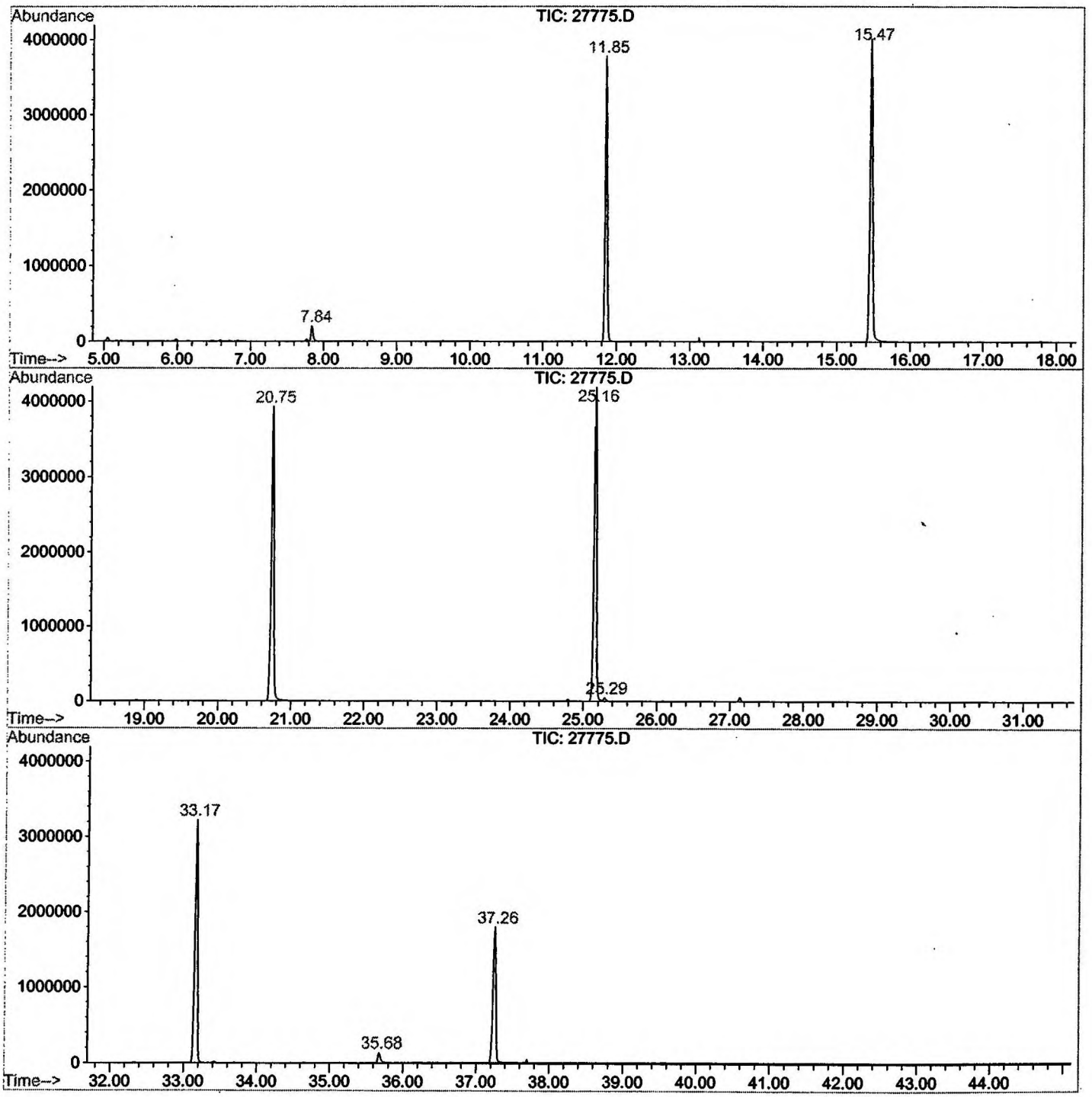
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.838	323	327	337	rVB	205521	409822	4.07%	0.809%
2	11.855	759	765	776	rBV	3776382	7555123	75.04%	14.914%
3	15.468	1151	1159	1176	rBV	4009145	10068656	100.00%	19.875%
4	20.750	1726	1735	1759	rBV	3935119	9827103	97.60%	19.399%
5	25.161	2205	2216	2227	rBV2	4192159	9352782	92.89%	18.462%
6	25.289	2227	2230	2239	rVB	45921	103112	1.02%	0.204%
7	33.166	3080	3089	3103	rBV2	3223286	7877589	78.24%	15.550%
8	35.679	3358	3363	3376	rBV	133816	361589	3.59%	0.714%
9	37.256	3526	3535	3547	rVB2	1788053	5103056	50.68%	10.073%

Sum of corrected areas: 50658832

27775.D NP112701.M Fri Dec 28 09:29:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27775.D
Operator : GALOS
Acquired : 21 Dec 2001 4:56 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/21
Misc Info :
Vial Number: 24
Quant File :NP112701.RES (RTE Integrator)



27775.D NP112701.M Fri Dec 28 09:29:50 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27775.D Vial: 24
Acq On : 21 Dec 2001 4:56 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

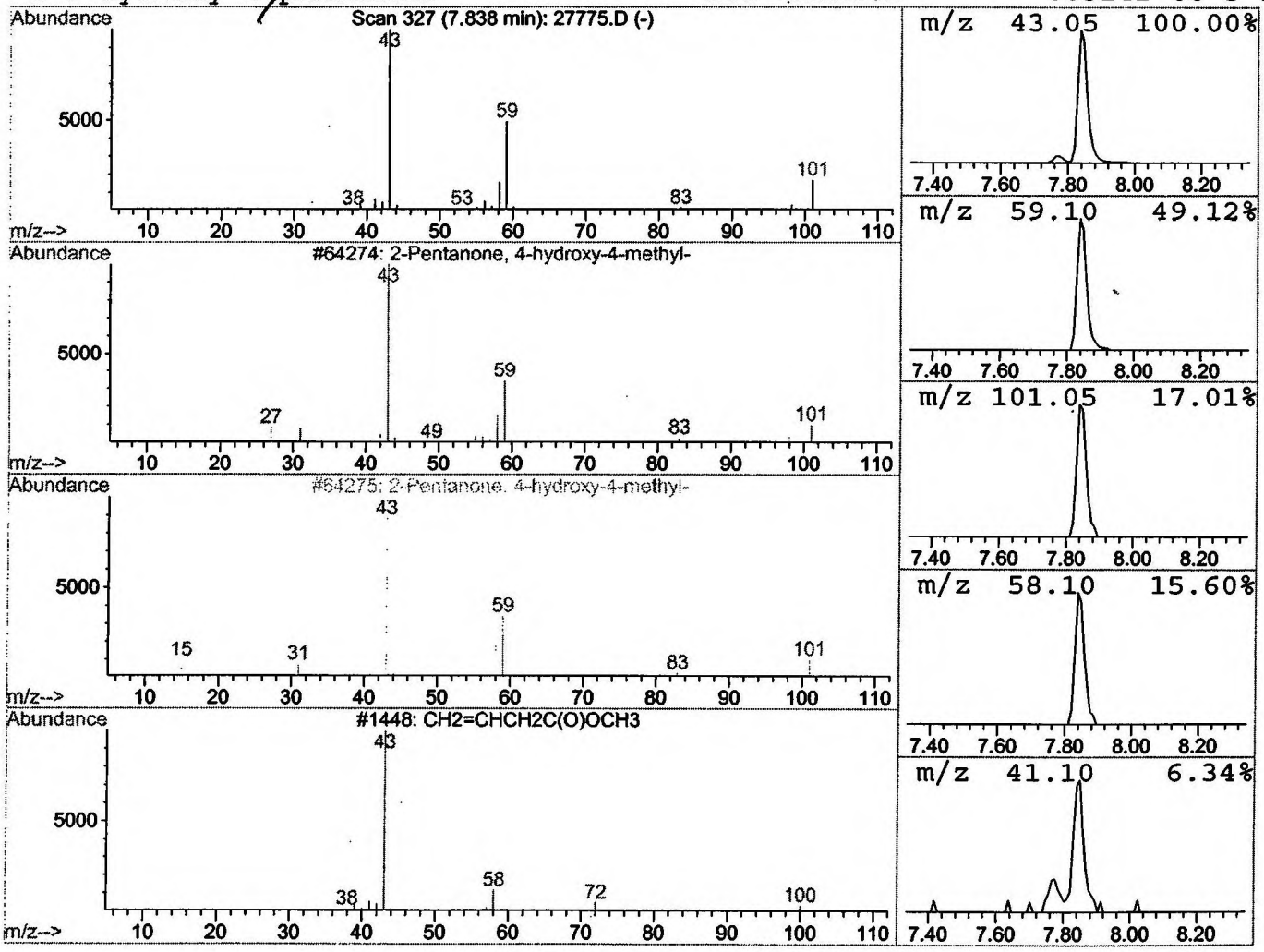
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	1.08 ng/uL	409822	1,4-Dichlorobenzene-d4	11.85

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	40
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27775.D Vial: 24
Acq On : 21 Dec 2001 4:56 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

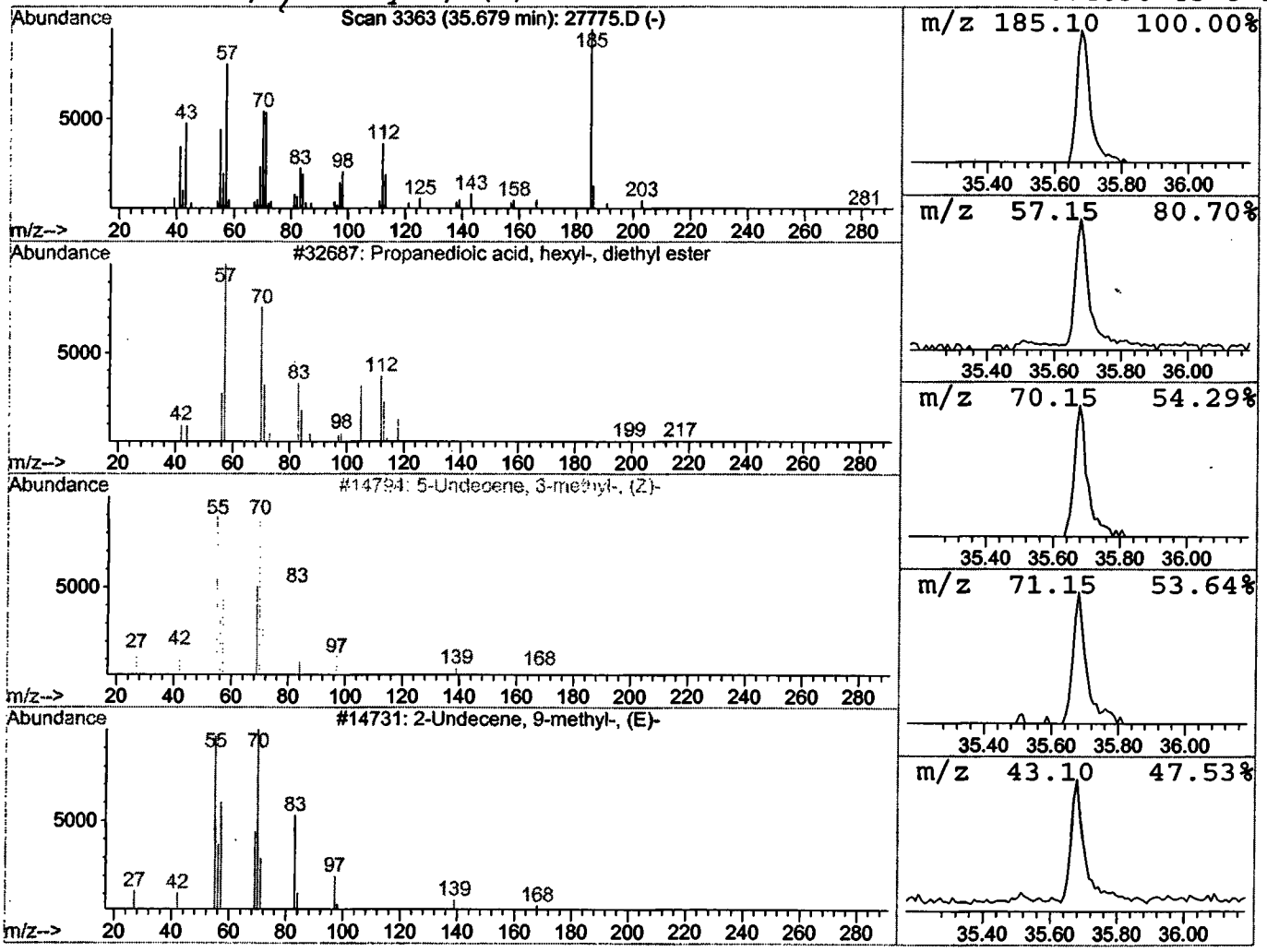
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanedioic acid, hexyl-, die Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.68	1.42 ng/uL	361589	Perylene-d12	37.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	38
2	5-Undecene, 3-methyl-, (Z)-	168	C12H24	074630-64-1	14
3	2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	14
4	2-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 4:56 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27775.D
Name: gcms unknown 11/21
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-Pentanone, 4-hydro	7.84	1.1	ng/uL	409822	ISTD01	11.85	7555120	20.0
Propanedioic acid, h	35.68	1.4	ng/uL	361589	ISTD06	37.26	5103060	20.0

27775.D NP112701.M Fri Dec 28 09:29:56 2001