

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 14:37:55

Sample: AD27055
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/10/01 14:37 Ended: 12/10/01 14:37 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

• **Comments for Sample AD27055 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-11-2001 Time: 15:52:40

AA 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, except for di-n-butylphthalate at an estimated level of 0.96 ug/L.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D

Vial: 10

Acq On : 5 Dec 2001 5:11 pm

Operator: GALOS

Sample : gc/ms unknown 11/13/01

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 7 10:31 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	1098487	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4154790	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1860510	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.31	188	50902	20.00	ng/uL	0.07
59) Chrysene-d12	33.17	240	1606018	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	1096339	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	1007	0.01	ng/uL	0.44
Spiked Amount	75.000	Range 34 - 84	Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.21	152	297	0.01	ng/uL	-0.24
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	1924	0.02	ng/uL	0.08
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.
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.

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D

Vial: 10

Acq On : 5 Dec 2001 5:11 pm

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 7 10:31 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
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	22.26	149	292	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 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.		
58) Phenanthrene	0.00	178	0	N.D.		
59) Anthracene	0.00	178	0	N.D.		
59) Di-n-butylphthalate	27.16	149	3602	0.96	ng/uL#	79
59) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
61) Benzidine	0.00	184	0	N.D.		
61) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.17	228	3167	N.D.		
65) Bis(2-ethylhexyl)phthalate	33.43	149	8036	N.D.		
65) Chrysene	33.17	228	3167	N.D.		
68) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D
 Acq On : 5 Dec 2001 5:11 pm
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 7 10:31 2001

Vial: 10
 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
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.26	252	3755	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
 27055.D NP112701.M Fri Dec 07 10:35:21 2001

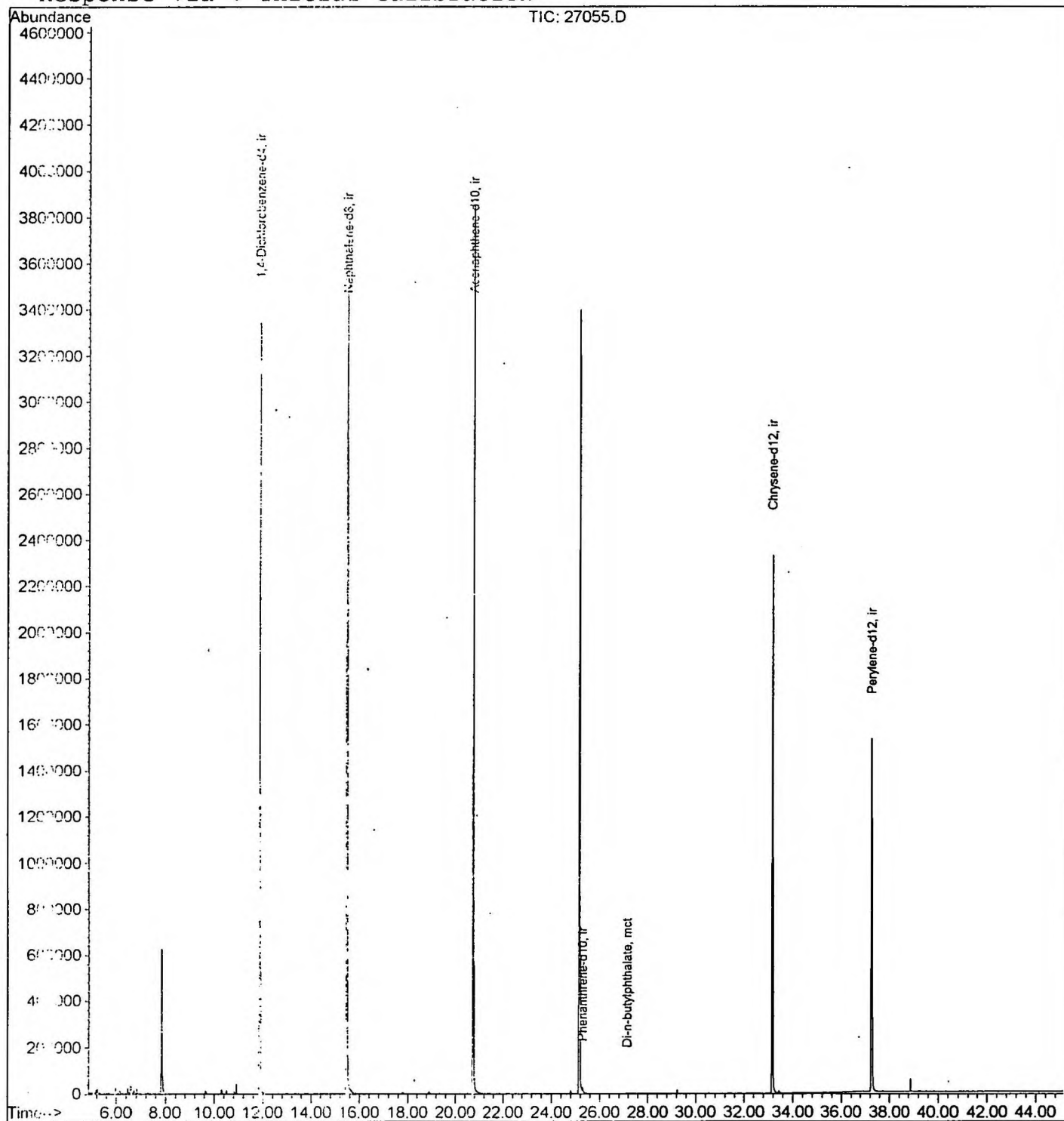
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D
Acq On : 5 Dec 2001 5:11 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:31 2001

Vial: 10
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 07 09:59:59 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D

Vial: 10

Acq On : 5 Dec 2001 5:11 pm

Operator: GALOS

Sample : gc/ms unknown 11/13

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 TV	peak height	peak area	peak % max.	% of total
1	7.841	323	327	343	rBV	627451	1237659	14.72%	3.015%
2	11.866	761	766	783	rBV	3340687	6732948	80.06%	16.403%
3	15.479	1153	1160	1178	rBV	3725261	8410107	100.00%	20.489%
4	20.752	1728	1735	1742	rBV	3854165	8119054	96.54%	19.780%
5	25.163	2210	2215	2228	rBV2	3397174	7411296	88.12%	18.055%
6	33.168	3083	3089	3110	rBV2	2331340	5107048	60.73%	12.442%
7	37.258	3527	3535	3553	rBV	1527061	4029694	47.91%	9.817%

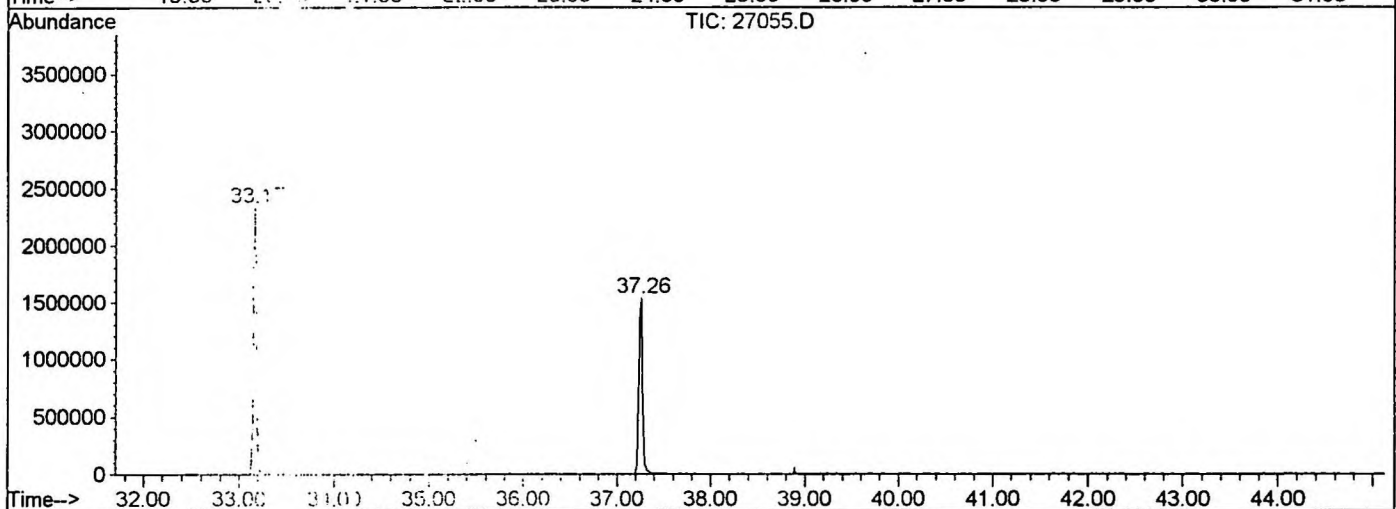
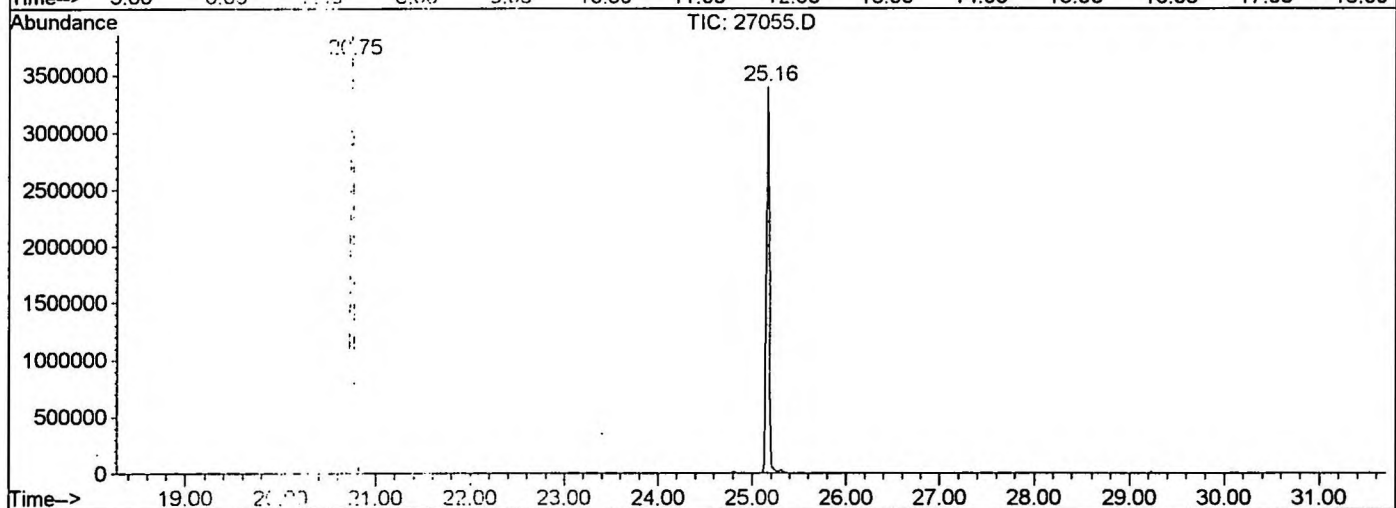
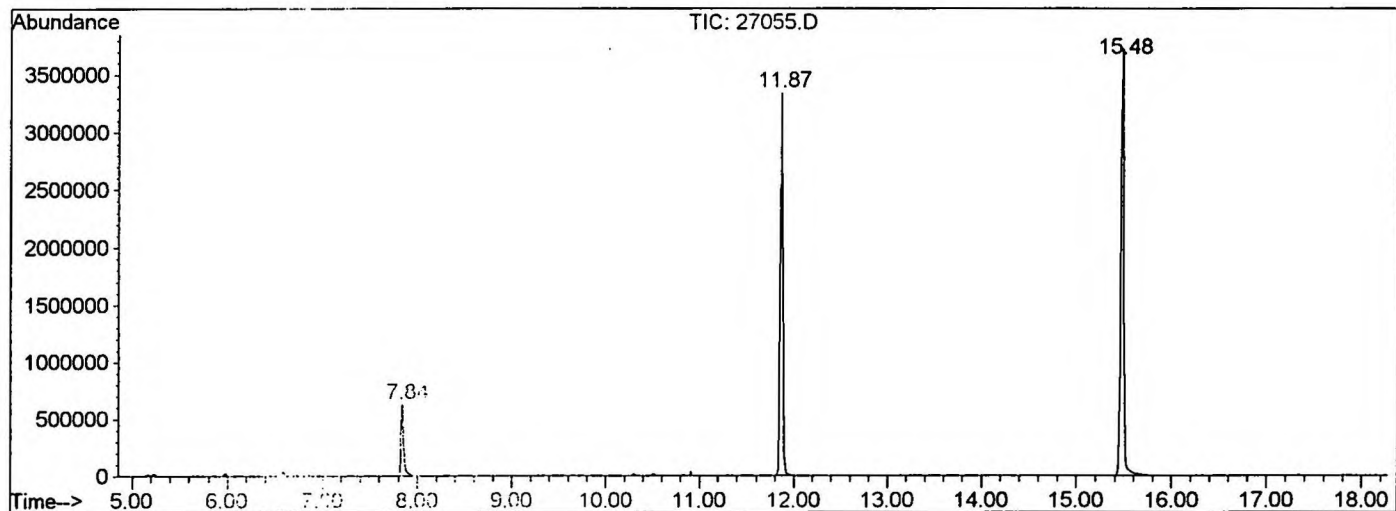
Sum of corrected areas: 41047806

27055.D NP112701.M

Fri Dec 07 11:56:16 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27055.D
 Operator : GALOS
 Acquired : 5 Dec 2001 5:11 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/13
 Misc Info :
 Vial Number: 10
 Quant File :NP112701.RES (RTE Integrator)



27055.D NP112701.M Fri Dec 07 11:56:18 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D
 Acq On : 5 Dec 2001 5:11 pm
 Sample : GC/MS unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

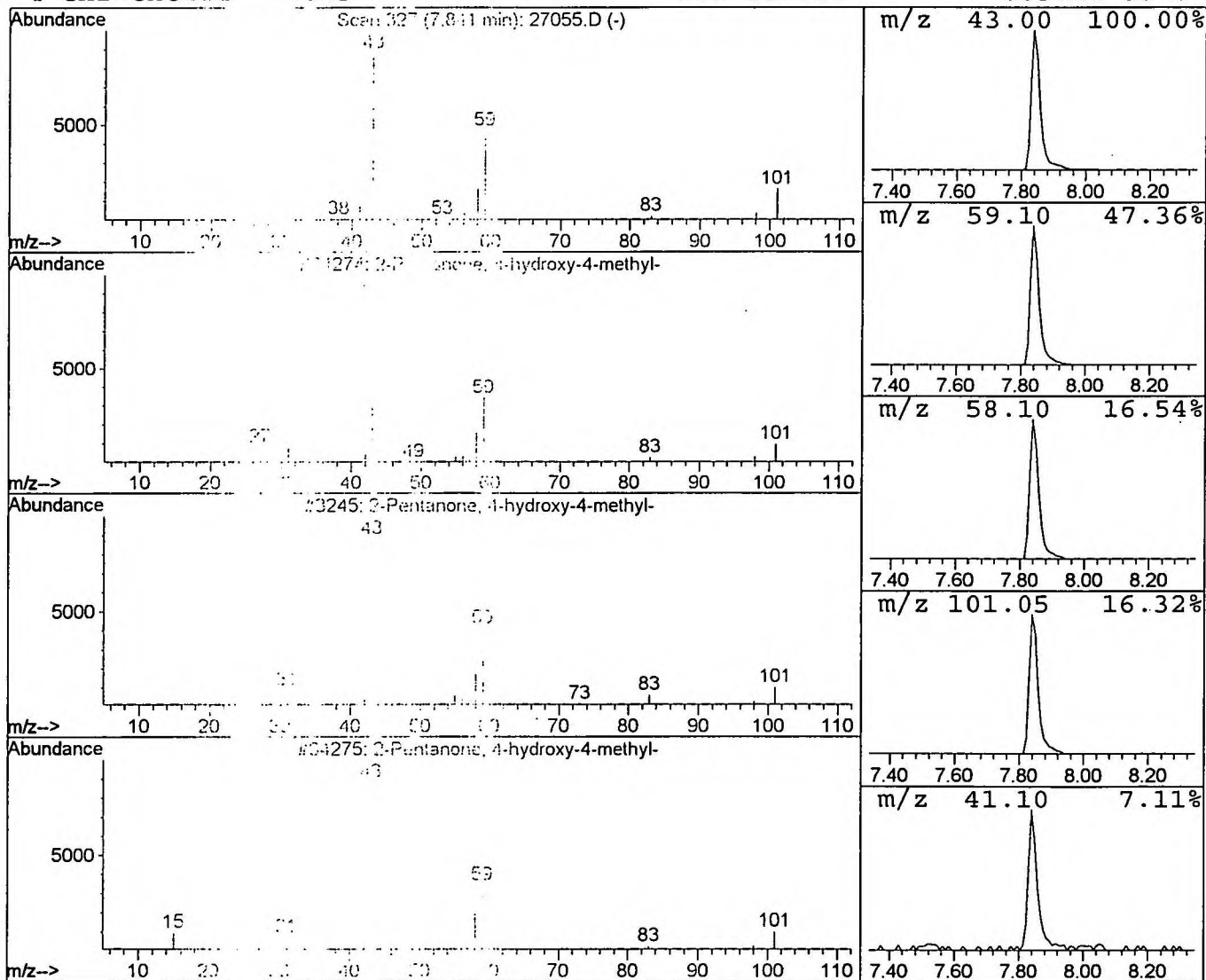
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.68 ug/uL	1237660	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	83		
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	38		
4	CH2=CHCH2C(=O)CH3	100	C5H8O2	003724-55-8	10		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27055.D
 Acq On : 5 Dec 2001 5:11 pm
 Sample : 11/MS unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

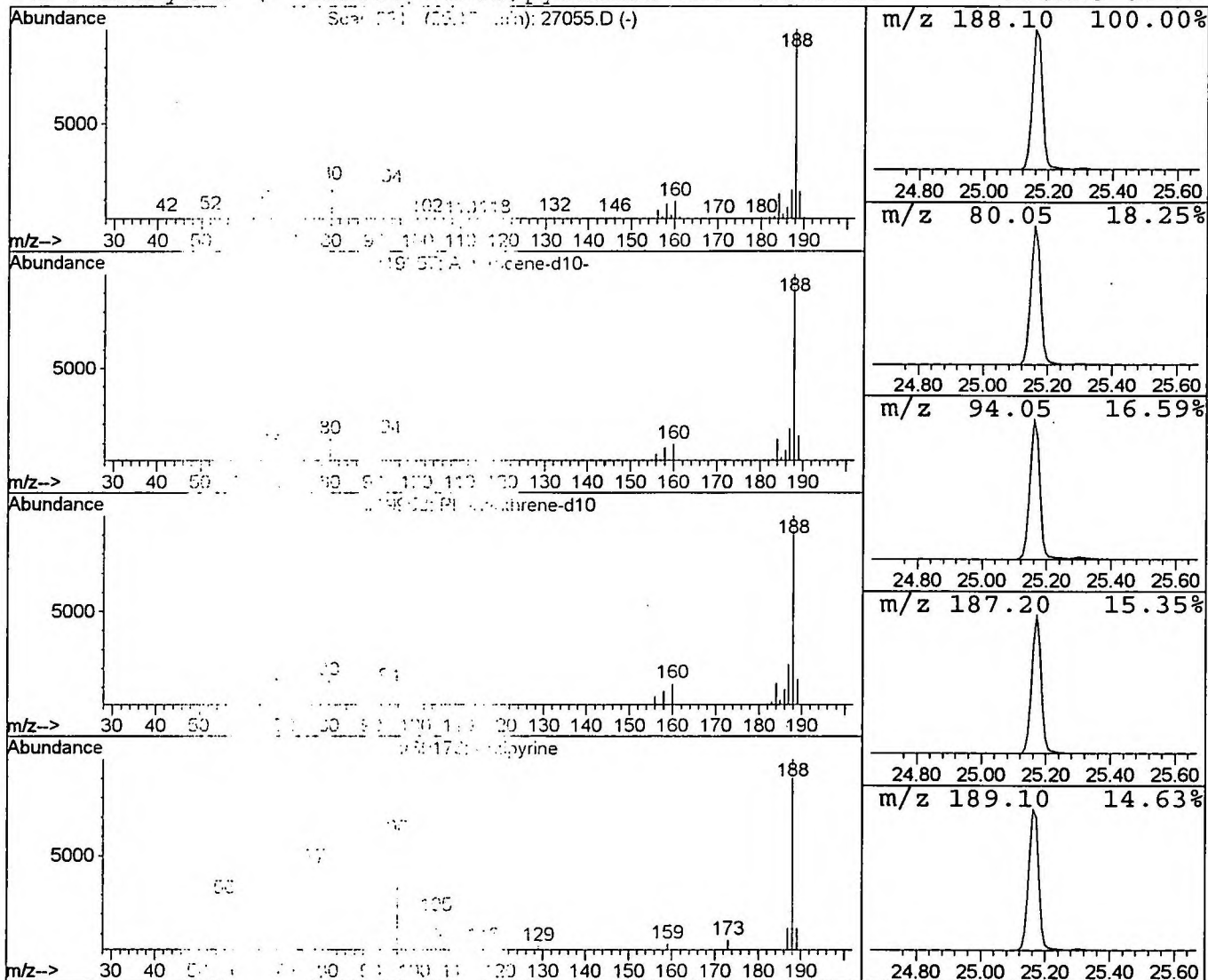
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	20.00 µL	7421300	Phenanthrene-d10	25.31

Hit#	of	5	Library ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	95
2			Phenanthrene-d10	188	C14D10	001517-22-2	52
3			Antipyrine	188	C11H12N2O	000060-80-0	36
4			4-Methyl-2-(1-fluorophenyl)pyrimidin	188	C11H9FN2	076128-67-1	33



Tentatively Identified Compound (LSC) summary

Operator ID: GALOP Date Acquired: 5 Dec 2001 5:11 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\27055.D
Name: gc/ms unknown, 11/13
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TC calibration cable
Library Searched: C:\DATA\11\1\75K.L

TIC Top Hit name	RT	EstConc Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydroxy	7.84	3.7 ng/uL	1237660	ISTD01	11.87	6732950	20.0
Anthracene-d10-	25.31	10.0 ng/uL	7411300	ISTD04	25.31	7411300	20.0

27055.D NP112701.M Fri Dec 07 11:56:33 2001