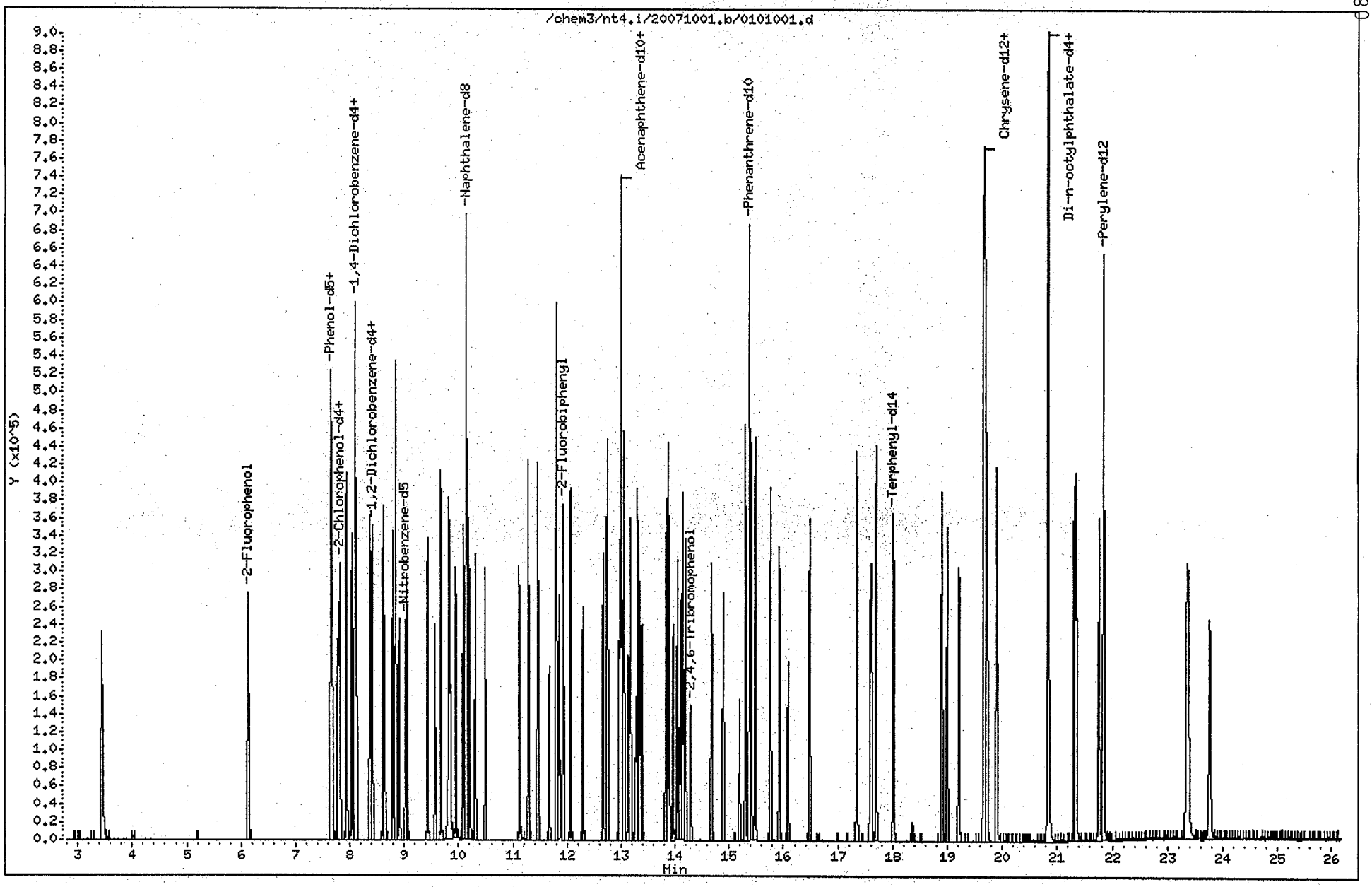
Data File: /chem3/nt4.i/20071001.b/0101001.d
Date : 01-OCT-2007 13:20
Client ID: ABN 10
Sample Info: ABN 10

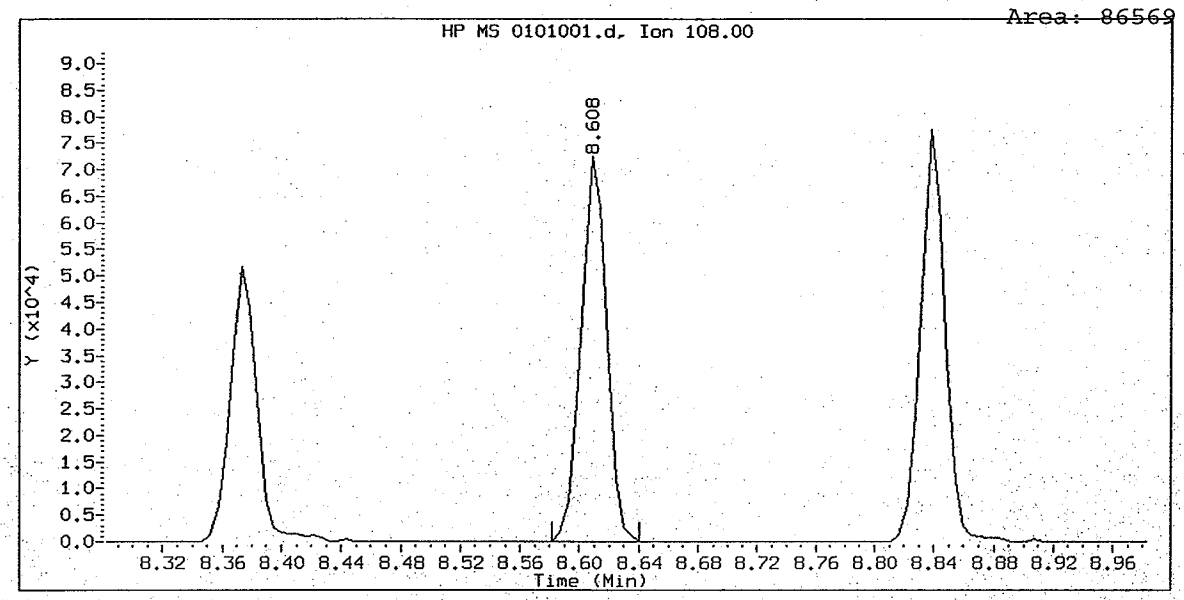
Instrument: nt4.i

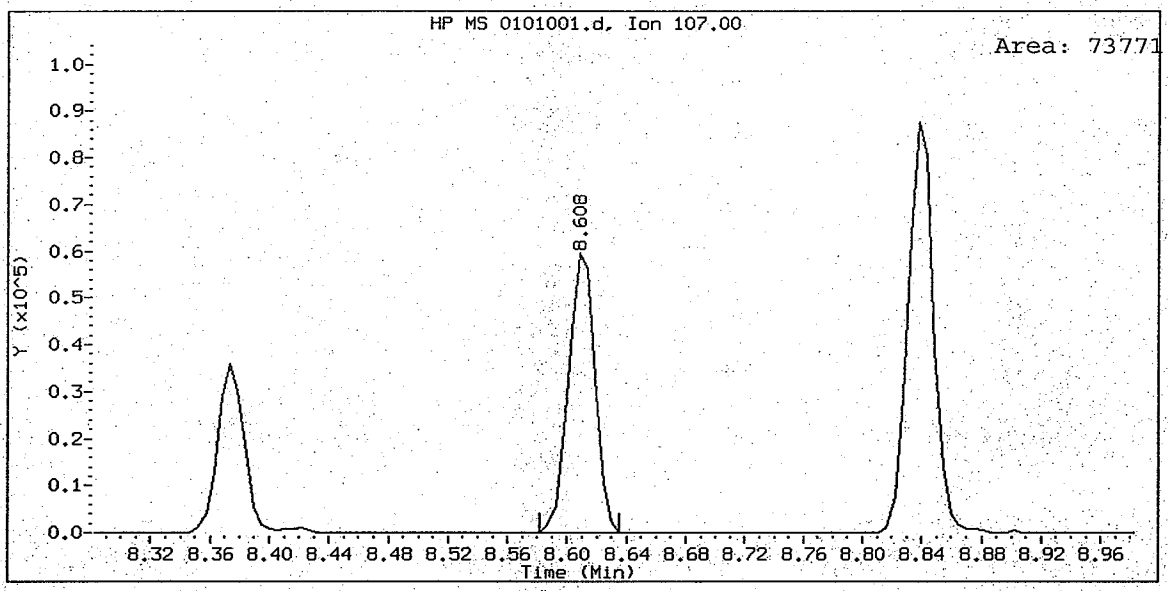
Operator: VTS
Column diameter: 0.32

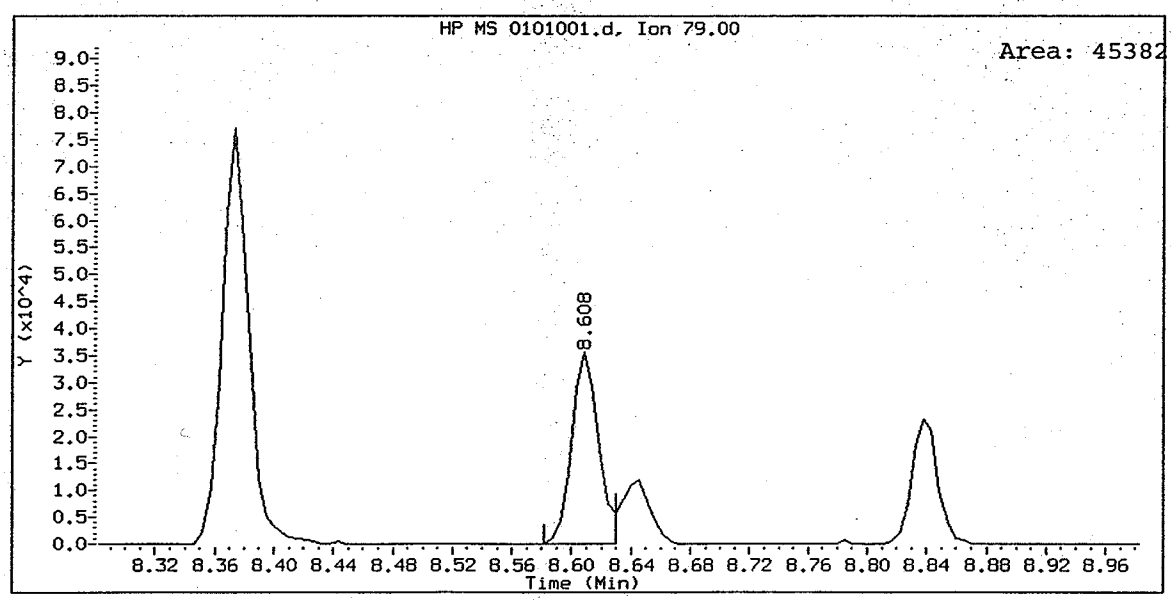
Column phase: ZB-5



ABN 10, /chem3/nt4.i/20071001.b/0101001.d
2-Methylphenol Amount: 10.32







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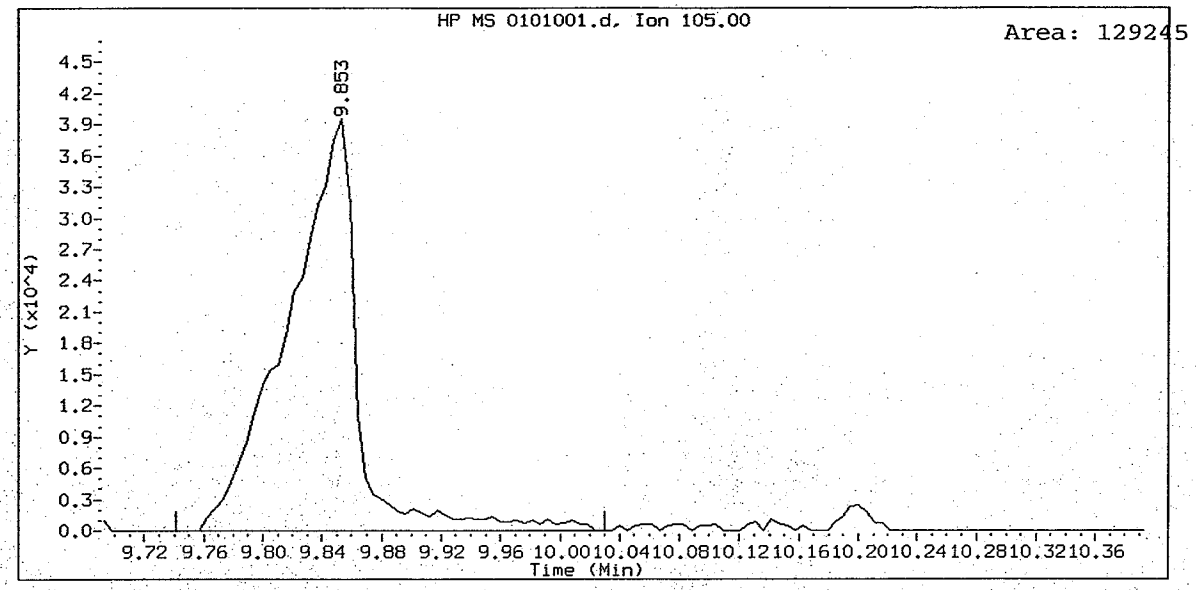
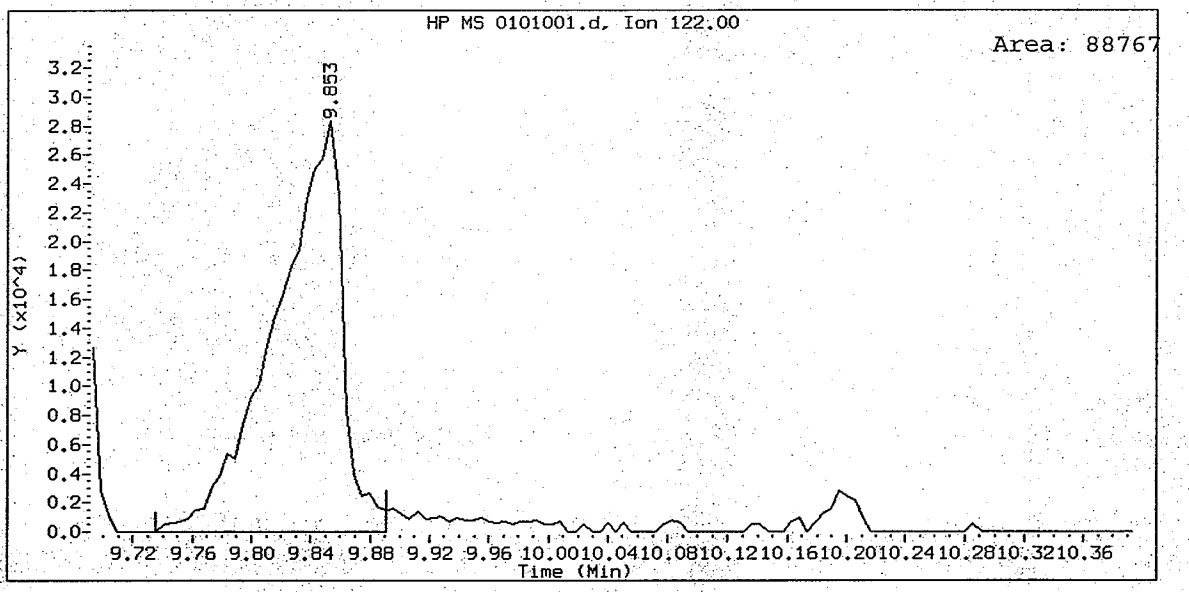
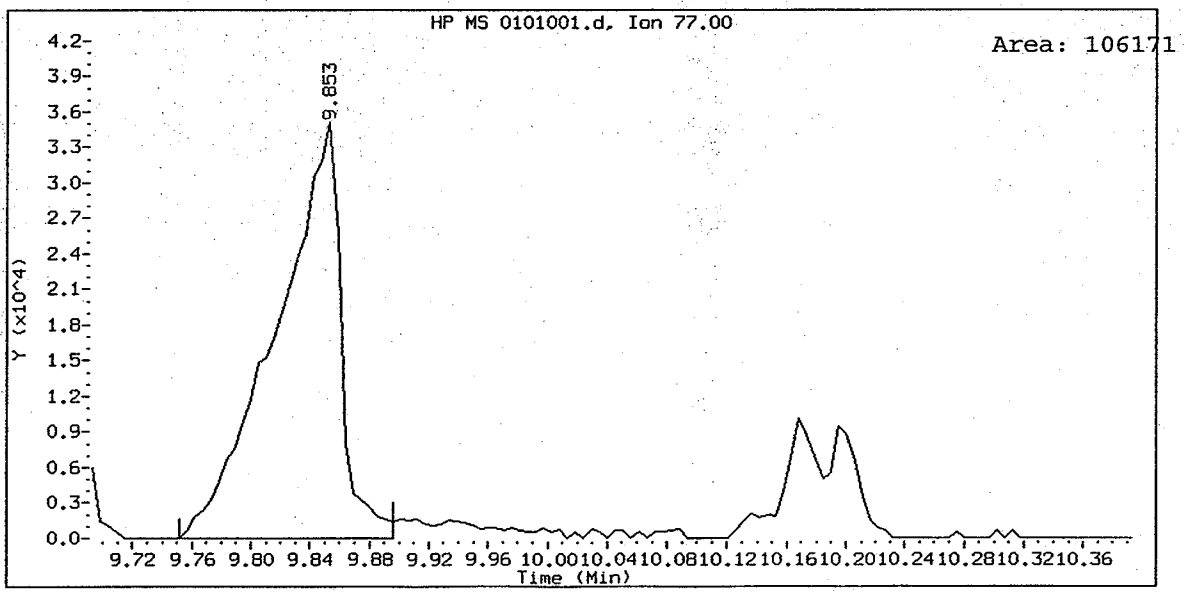
Benzoic acid Amount: 19.15







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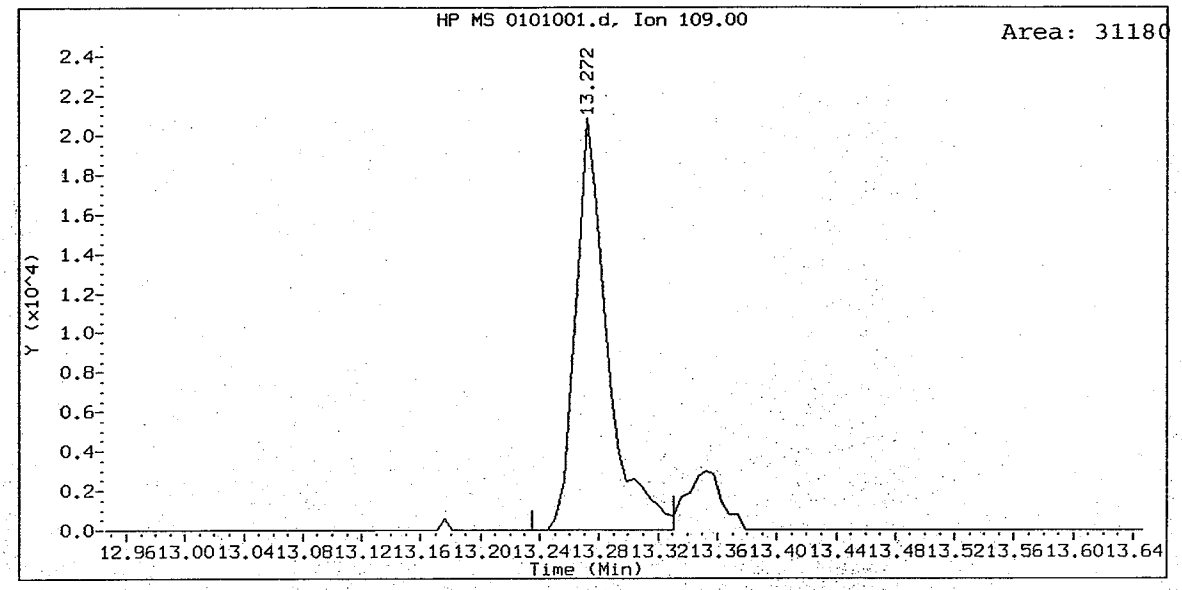
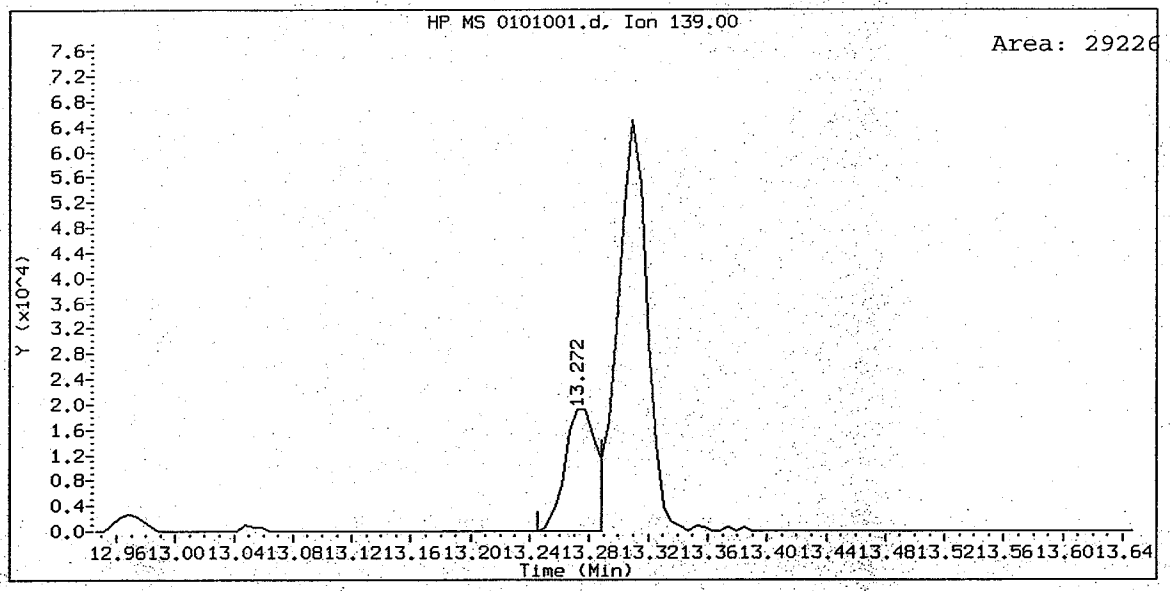
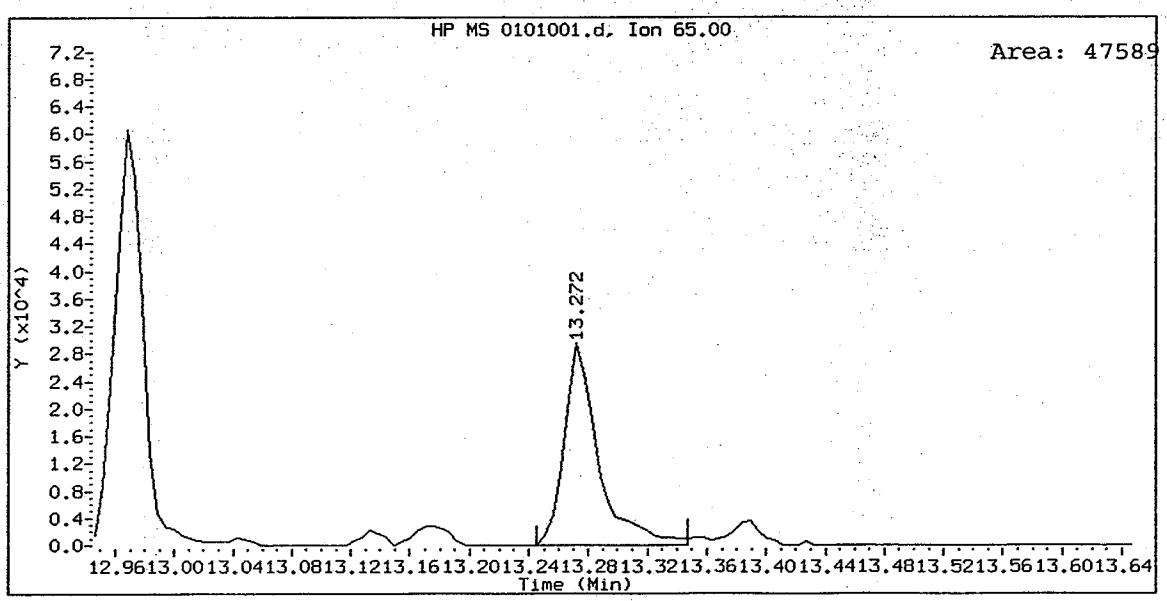
4-Nitrophenol Amount: 10.44







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071001.b/0251001.d
Lab Smp Id: ABN 25 Client Smp ID: ABN 25
Inj Date : 01-OCT-2007 10:31
Operator : VTS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071001.b/SW846.m
Meth Date : 02-Oct-2007 10:17 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 10:31 Cal File: 0251001.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.137	6.144	(0.730)	240283	25.0000	25.74(M)
$	2 Phenol-d5	99	7.665	7.687	(0.912)	265969	25.0000	25.45(H)
	3 Phenol	94	7.686	7.709	(0.915)	307286	25.0000	24.76
$	5 2-Chlorophenol-d4	132	7.799	7.810	(0.928)	193233	25.0000	24.93
	4 Bis(2-Chloroethyl)ether	93	7.772	7.784	(0.925)	234767	25.0000	24.55
	6 2-Chlorophenol	128	7.825	7.837	(0.931)	221405	25.0000	24.78
	7 1,3-Dichlorobenzene	146	8.039	8.051	(0.957)	221647	25.0000	24.24(H)
*	8 1,4-Dichlorobenzene-d4	152	8.103	8.110	(1.000)	110324	20.0000	(H)
	9 1,4-Dichlorobenzene	146	8.130	8.136	(0.968)	226703	25.0000	24.60(H)
$	10 1,2-Dichlorobenzene-d4	152	8.402	8.409	(1.000)	123002	25.0000	24.66
	12 1,2-Dichlorobenzene	146	8.424	8.430	(1.003)	209325	25.0000	24.25
	11 Benzyl alcohol	108	8.381	8.398	(0.997)	148288	25.0000	26.19(H)
	14 2,2'-oxybis(1-Chloropropane)	45	8.643	8.654	(1.029)	289143	25.0000	24.92
	13 2-Methylphenol	108	8.616	8.633	(1.025)	209219	25.0000	25.52(H)
	17 Hexachloroethane	117	8.910	8.916	(1.060)	106567	25.0000	25.46
	16 N-Nitroso-di-n-propylamine	70	8.856	8.884	(1.054)	188686	25.0000	24.91
	15 4-Methylphenol	108	8.846	8.863	(1.053)	217619	25.0000	26.08
$	18 Nitrobenzene-d5	82	9.027	9.044	(0.885)	268792	25.0000	23.68
	19 Nitrobenzene	77	9.054	9.071	(0.887)	294874	25.0000	23.45
	20 Isophorone	82	9.439	9.461	(0.925)	474622	25.0000	23.92
	21 2-Nitrophenol	139	9.572	9.584	(0.938)	113565	25.0000	23.90
	22 2,4-Dimethylphenol	107	9.684	9.696	(0.949)	243199	25.0000	24.18
	23 Bis(2-Chloroethoxy)methane	93	9.829	9.846	(0.963)	282406	25.0000	23.71
	24 Benzoic acid	105	9.914	10.043	(0.972)	379760	50.0000	52.41(M)
	25 2,4-Dichlorophenol	162	9.957	9.969	(0.976)	165313	25.0000	24.35
	26 1,2,4-Trichlorobenzene	180	10.085	10.091	(0.988)	192807	25.0000	24.03
*	27 Naphthalene-d8	136	10.144	10.150	(1.000)	430280	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	10.176	10.182	(0.997)	645270	25.0000	24.43
	29 4-Chloroaniline	127	10.315	10.326	(1.011)	283860	25.0000	25.51
	30 Hexachlorobutadiene	225	10.496	10.497	(1.029)	118021	25.0000	25.40
	31 4-Chloro-3-methylphenol	107	11.121	11.133	(1.090)	223514	25.0000	26.67
	32 2-Methylnaphthalene	141	11.292	11.299	(1.107)	345022	25.0000	25.64
	33 Hexachlorocyclopentadiene	237	11.677	11.678	(0.898)	111731	25.0000	25.38
	34 2,4,6-Trichlorophenol	196	11.805	11.817	(0.908)	123871	25.0000	25.44
	35 2,4,5-Trichlorophenol	196	11.859	11.870	(0.912)	131912	25.0000	25.31
$	36 2-Fluorobiphenyl	172	11.939	11.945	(0.918)	404947	25.0000	24.14
	37 2-Chloronaphthalene	162	12.072	12.079	(0.928)	387086	25.0000	24.38
	38 2-Nitroaniline	65	12.297	12.314	(0.946)	174991	25.0000	25.34
	39 Dimethylphthalate	163	12.676	12.693	(0.975)	434948	25.0000	25.17
	40 Acenaphthylene	152	12.745	12.757	(0.980)	594438	25.0000	25.01
	41 2,6-Dinitrotoluene	165	12.767	12.784	(0.982)	100088	25.0000	25.34
*	42 Acenaphthene-d10	164	13.002	13.008	(1.000)	242988	20.0000	
	43 3-Nitroaniline	138	12.975	12.998	(0.998)	121326	25.0000	26.12
	44 Acenaphthene	153	13.050	13.062	(1.004)	383386	25.0000	24.30
	45 2,4-Dinitrophenol	184	13.146	13.169	(1.011)	120595	50.0000	54.82
	46 Dibenzofuran	168	13.312	13.329	(1.024)	500569	25.0000	24.36
	47 4-Nitrophenol	109	13.280	13.297	(1.021)	91590	25.0000	27.91 (M)
	48 2,4-Dinitrotoluene	165	13.392	13.409	(1.030)	131909	25.0000	25.26
	50 Diethylphthalate	149	13.835	13.852	(1.064)	430997	25.0000	25.42
	49 Fluorene	166	13.867	13.879	(1.067)	437479	25.0000	24.95
	51 4-Chlorophenyl-phenylether	204	13.894	13.900	(1.069)	213578	25.0000	24.84
	52 4-Nitroaniline	138	13.974	14.007	(1.075)	120804	25.0000	26.04
	53 4,6-Dinitro-2-methylphenol	198	14.049	14.077	(0.914)	163545	50.0000	52.86
	54 N-Nitrosodiphenylamine	169	14.097	14.114	(0.917)	232179	25.0000	24.83
$	55 2,4,6-Tribromophenol	330	14.289	14.301	(1.099)	54198	25.0000	25.91
	56 4-Bromophenyl-phenylether	248	14.674	14.686	(0.954)	116135	25.0000	24.58
	57 Hexachlorobenzene	284	14.898	14.905	(0.969)	124006	25.0000	25.25
	58 Pentachlorophenol	266	15.192	15.204	(0.988)	79616	25.0000	27.74
*	59 Phenanthrene-d10	188	15.374	15.380	(1.000)	380514	20.0000	
	60 Phenanthrene	178	15.411	15.423	(1.002)	647104	25.0000	24.61
	61 Anthracene	178	15.486	15.492	(1.007)	656377	25.0000	24.68
	62 Carbazole	167	15.764	15.775	(1.025)	584294	25.0000	25.68
	63 Di-n-butylphthalate	149	16.485	16.491	(1.072)	727955	25.0000	26.62
	64 Fluoranthene	202	17.345	17.357	(1.128)	742428	25.0000	26.08
	65 Pyrene	202	17.703	17.715	(0.899)	769528	25.0000	23.62
$	66 Terphenyl-d14	244	18.018	18.025	(0.915)	452399	25.0000	24.05
	67 Butylbenzylphthalate	149	18.900	18.911	(0.960)	357633	25.0000	26.18
	68 Benzo(a)anthracene	228	19.664	19.675	(0.999)	754499	25.0000	24.97
*	69 Chrysene-d12	240	19.690	19.702	(1.000)	406554	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.669	19.686	(0.999)	265311	25.0000	24.73
	71 Chrysene	228	19.728	19.750	(1.002)	707274	25.0000	23.80
	72 bis(2-Ethylhexyl)phthalate	149	19.899	19.905	(0.955)	499803	25.0000	26.48
*	134 Di-n-octylphthalate-d4	153	20.833	20.840	(1.000)	598971	20.0000	
	73 Di-n-octylphthalate	149	20.844	20.851	(1.000)	843555	25.0000	24.45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	21.320	21.347	(0.976)	778211	25.0000	26.62
75	Benzo(k)fluoranthene	252	21.352	21.379	(0.978)	725580	25.0000	23.50
76	Benzo(a)pyrene	252	21.763	21.791	(0.996)	658792	25.0000	25.31
* 77	Perylene-d12	264	21.843	21.849	(1.000)	429313	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.360	23.393	(1.069)	702763	25.0000	24.56
79	Dibenzo(a,h)anthracene	278	23.387	23.425	(1.071)	586786	25.0000	24.97
80	Benzo(g,h,i)perylene	276	23.777	23.826	(1.089)	617002	25.0000	23.94
90	N-Nitrosodimethylamine	74	3.455	3.483	(0.426)	168812	25.0000	24.90(M)
103	Pyridine	79	3.434	3.430	(0.424)	277398	25.0000	25.50(M)
91	Aniline	93	7.654	7.666	(0.911)	372925	25.0000	25.20(H)
105	1-methylnaphthalene	141	11.463	11.470	(1.124)	346845	25.0000	25.45
93	Benzidine	184	17.596	17.602	(0.894)	328634	25.0000	24.20
111	Azobenzene (1,2-DP-Hydrazine)	77	14.145	14.157	(1.088)	589311	25.0000	25.06
144	alpha-Terpineol	59	10.203	10.214	(1.000)	193765	25.0000	25.33
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
133	Butylatedhydroxytoluene	205	13.178	13.185	(1.014)	333260	25.0000	24.33
115	Tributyl Phosphate	99	14.199	14.221	(0.924)	603493	25.0000	25.56
116	Dibutyl Phenyl Phosphate	175	15.924	15.930	(1.036)	350275	25.0000	27.12
117	Butyl Diphenyl Phosphate	94	17.612	17.619	(0.894)	162772	25.0000	25.56
118	Triphenyl Phosphate	326	19.215	19.226	(0.976)	116951	25.0000	26.12
123	Acetophenone	105	8.792	8.809	(1.046)	296661	25.0000	24.91
170	Pentachlorobenzene	250	13.354	13.366	(1.027)	141126	25.0000	24.13

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0251001.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071001.b/SW846.m
Misc Info:

Calibration Date: 01-OCT-2007
Calibration Time: 10:31
Client Smp ID: ABN 25
Level:
Sample Type:

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	110324	55162	220648	110324	0.00
27 Naphthalene-d8	430280	215140	860560	430280	0.00
42 Acenaphthene-d10	242988	121494	485976	242988	0.00
59 Phenanthrene-d10	380514	190257	761028	380514	0.00
69 Chrysene-d12	406554	203277	813108	406554	0.00
134 Di-n-octylphthala	598971	299486	1197942	598971	0.00
77 Perylene-d12	429313	214656	858626	429313	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.10	7.60	8.60	8.10	0.00
27 Naphthalene-d8	10.14	9.64	10.64	10.14	0.00
42 Acenaphthene-d10	13.00	12.50	13.50	13.00	0.00
59 Phenanthrene-d10	15.37	14.87	15.87	15.37	0.00
69 Chrysene-d12	19.69	19.19	20.19	19.69	0.00
134 Di-n-octylphthala	20.83	20.33	21.33	20.83	0.00
77 Perylene-d12	21.84	21.34	22.34	21.84	0.00

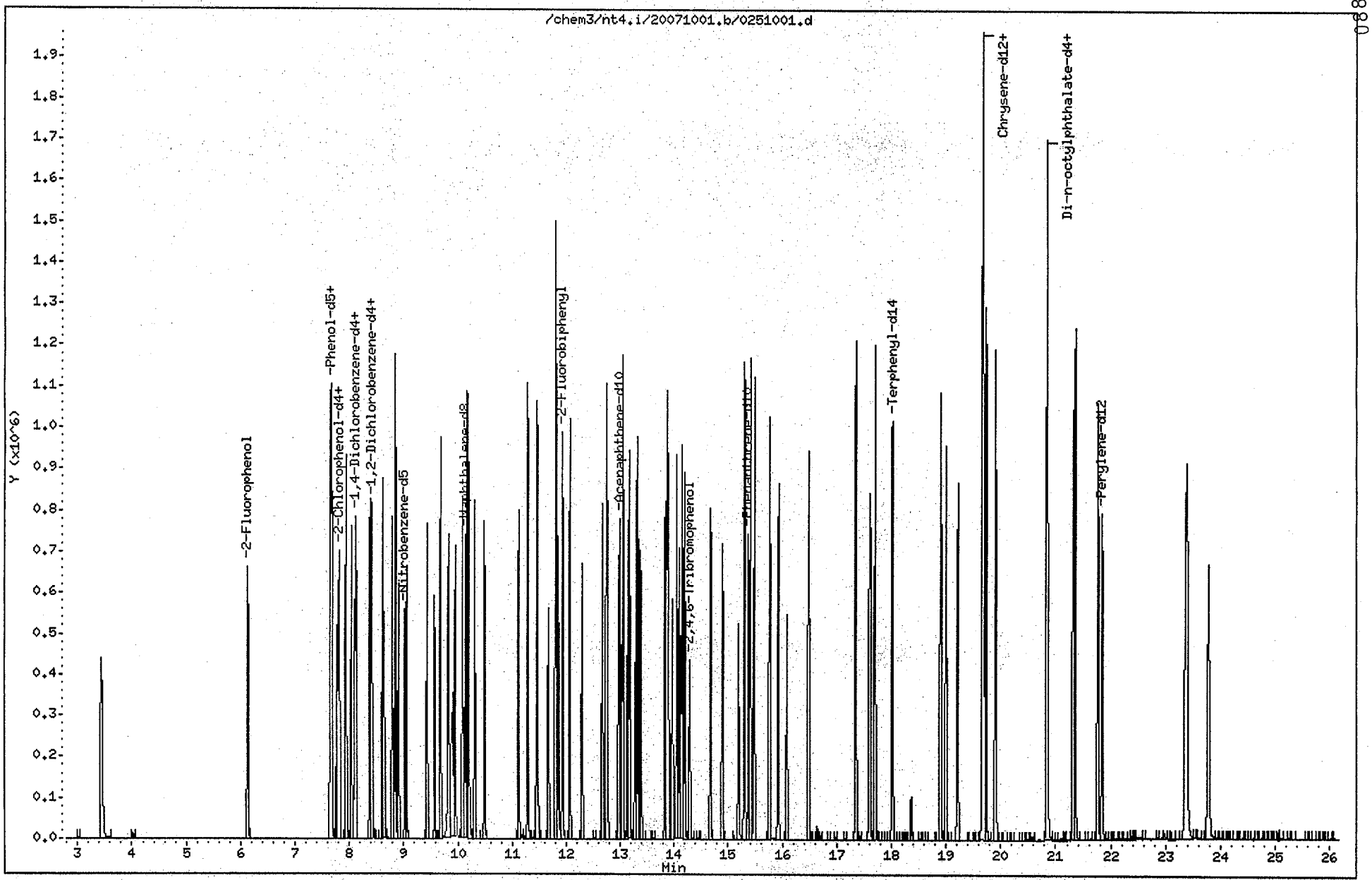
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071001.b/0251001.d
Date : 01-OCT-2007 10:31
Client ID: ABN 25
Sample Info: ABN 25

Column phase: ZB-5

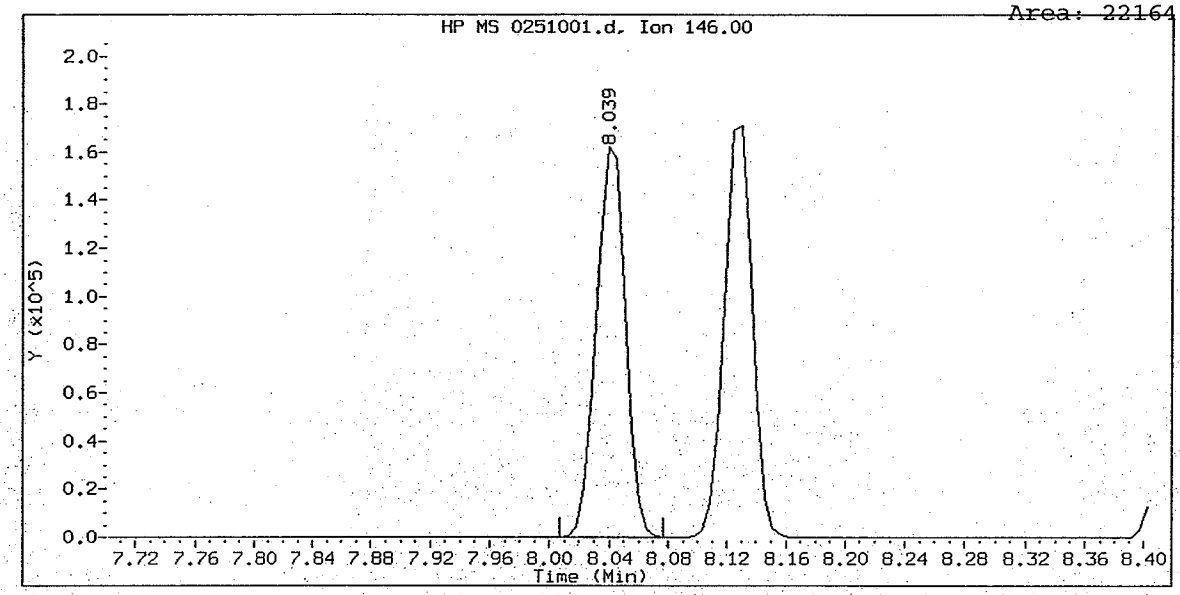
Instrument: nt4.i

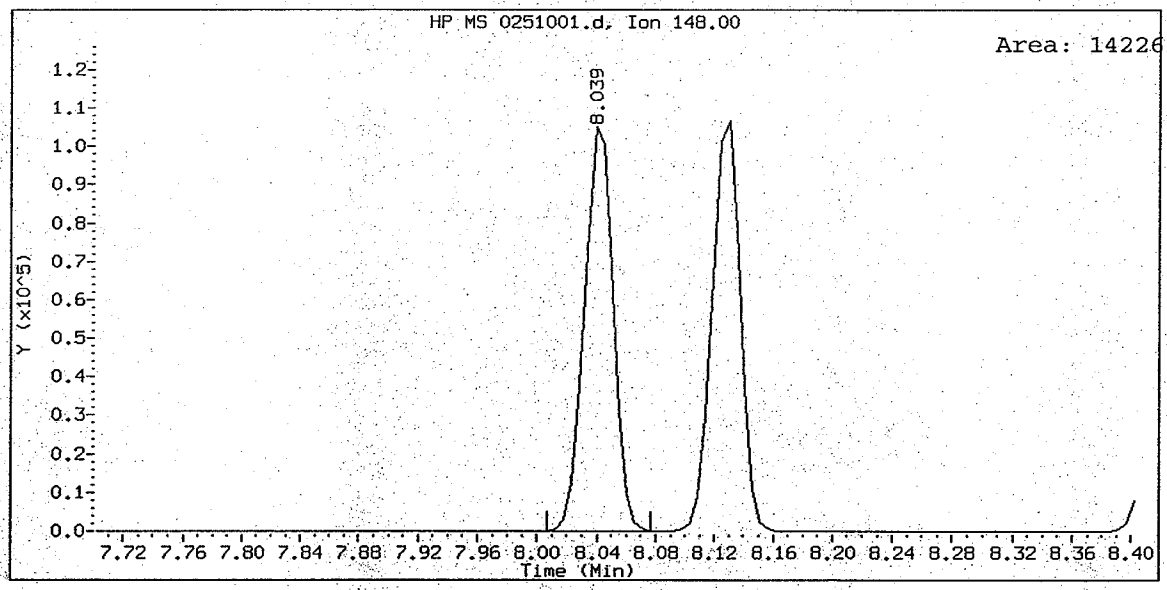
Operator: VTS
Column diameter: 0.32

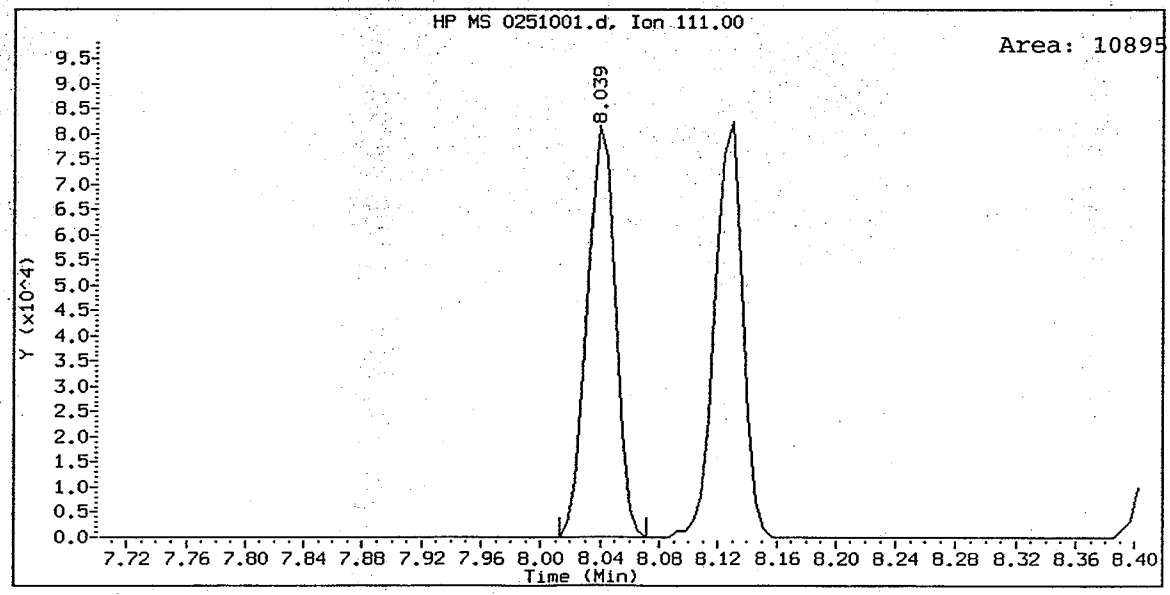


0882

ABN 25, /chem3/nt4.i/20071001.b/0251001.d
1,3-Dichlorobenzene Amount: 24.24







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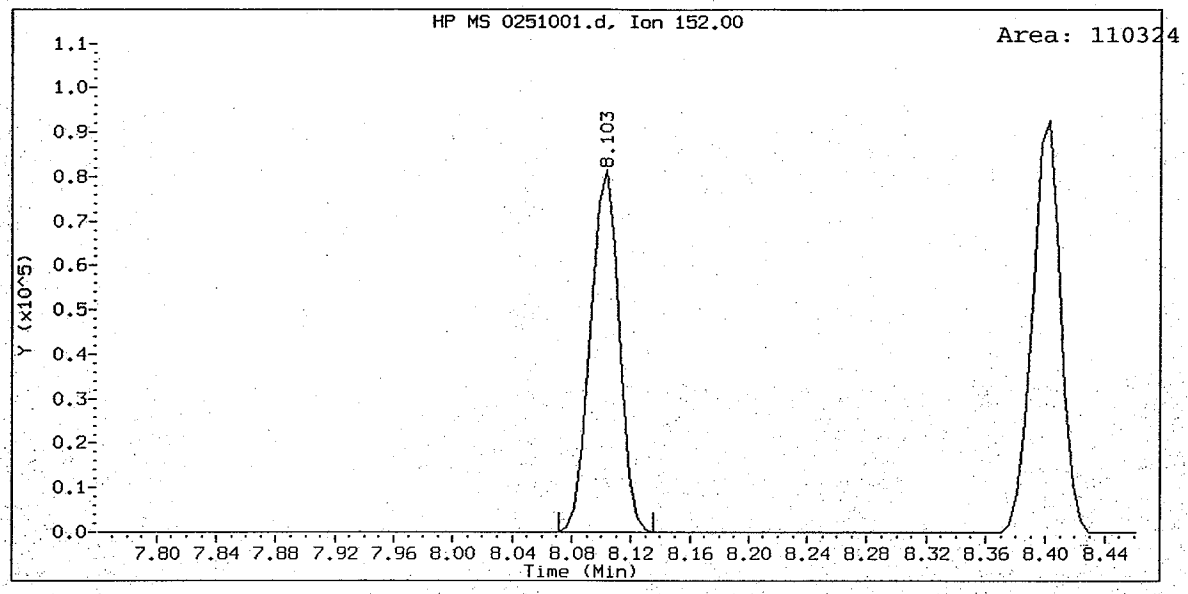
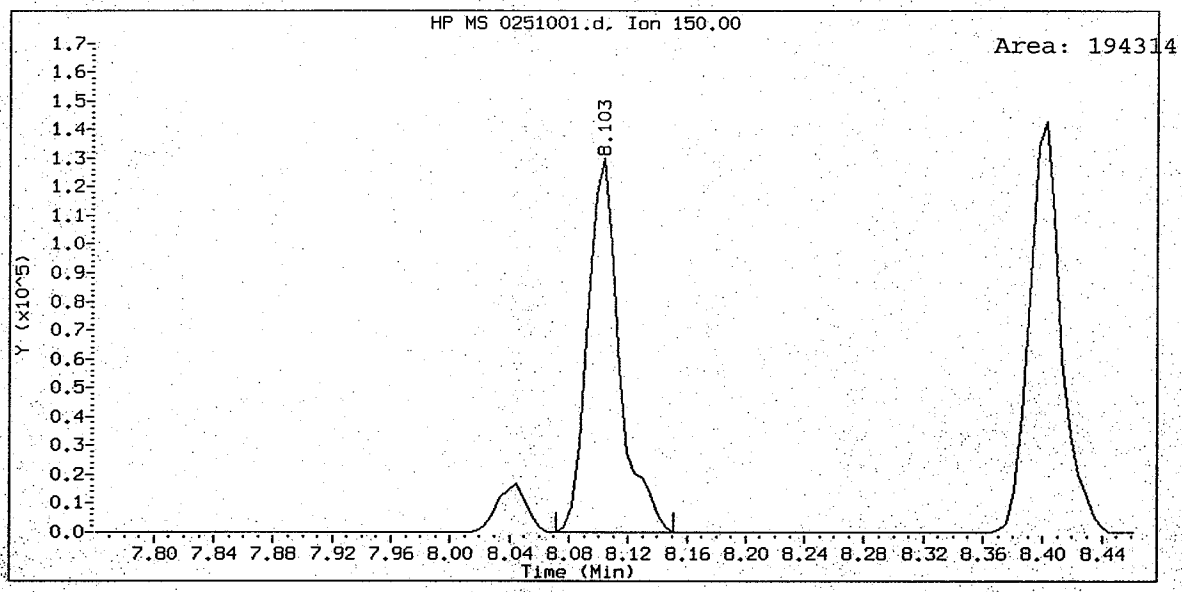
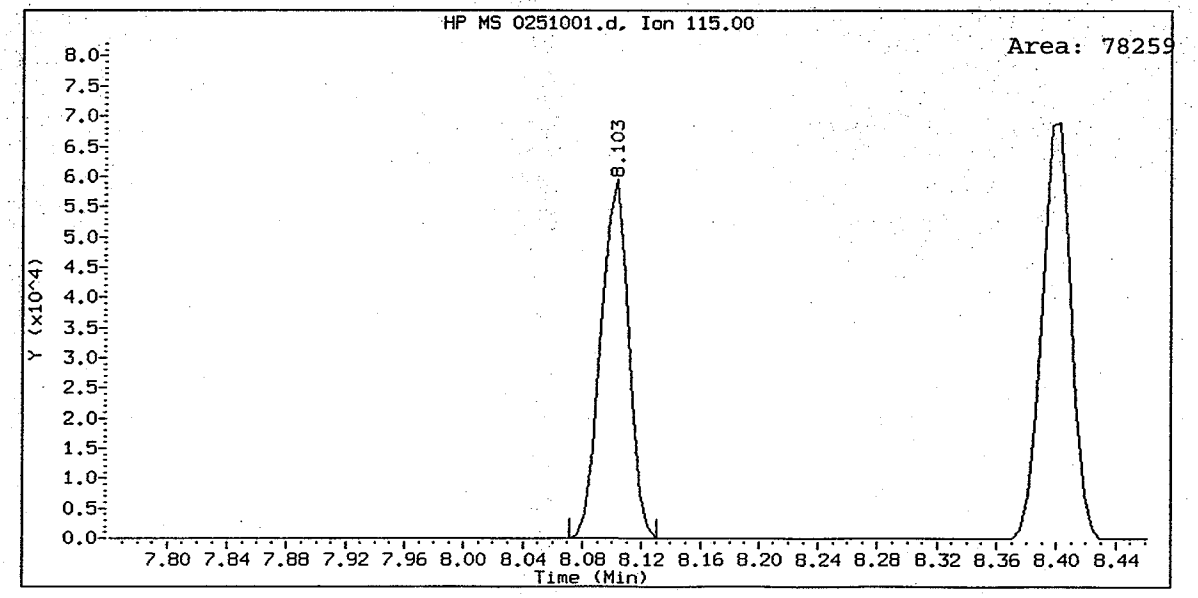
1,4-Dichlorobenzene-d4 Amount: 20.00







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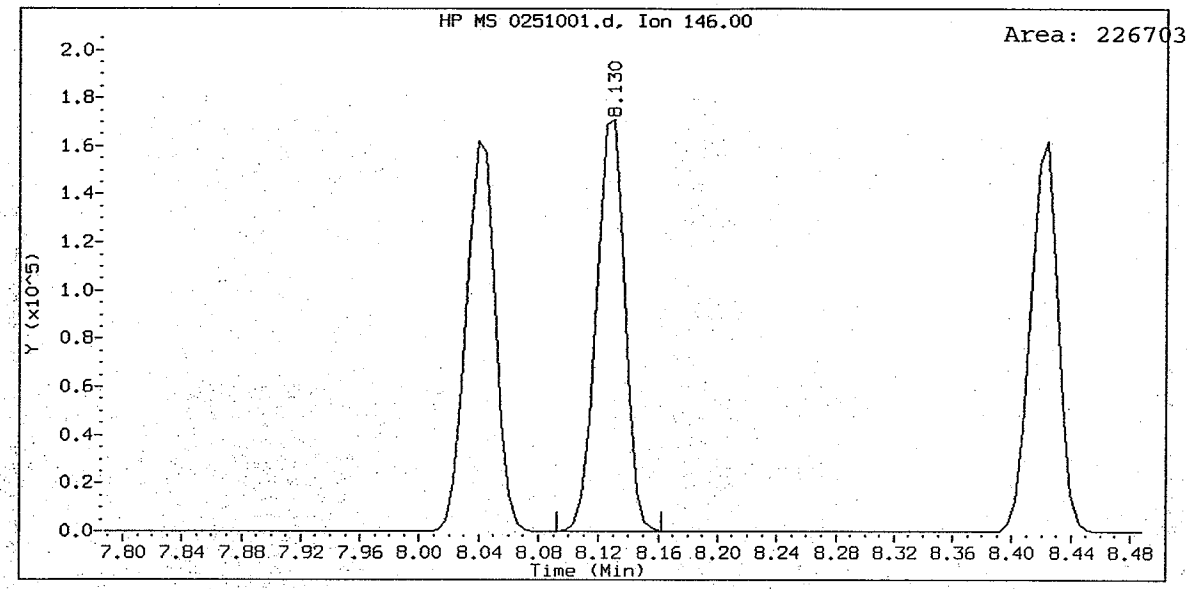
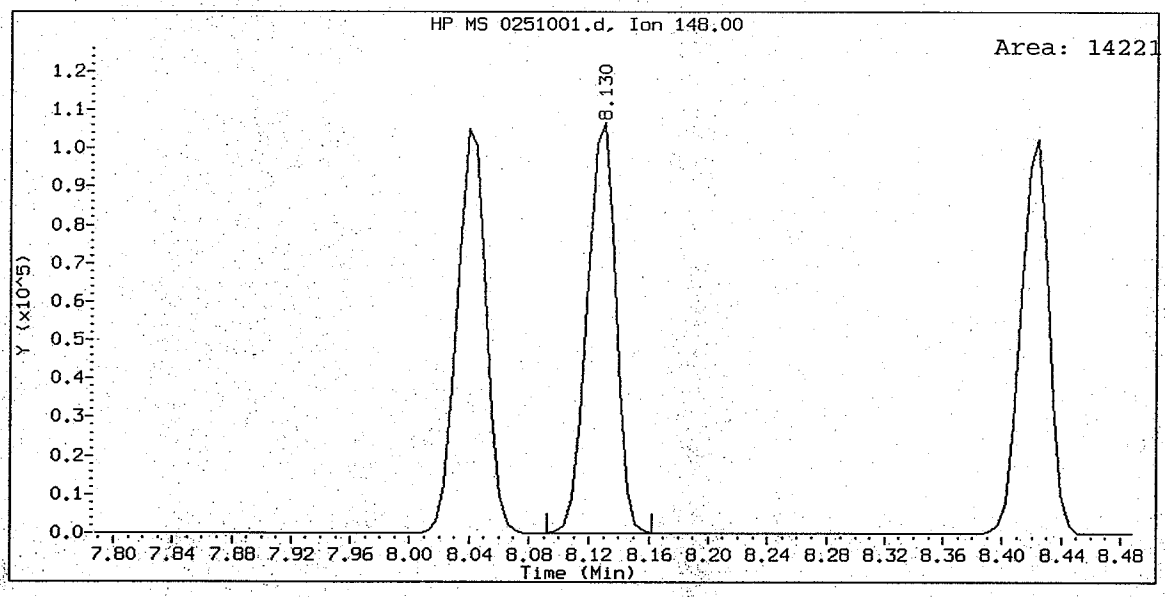
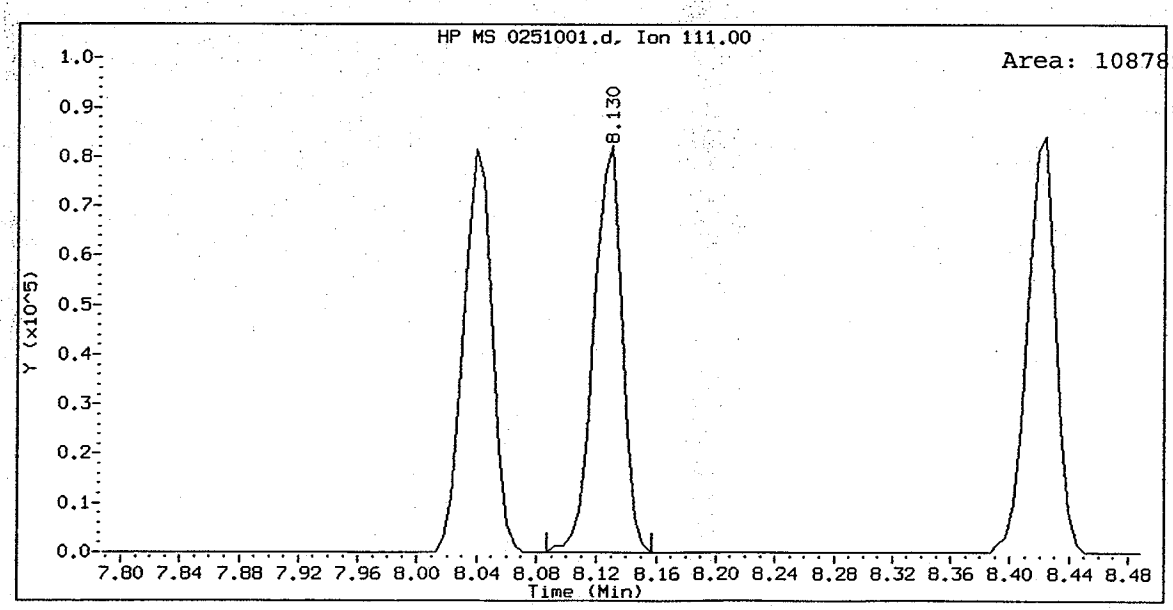
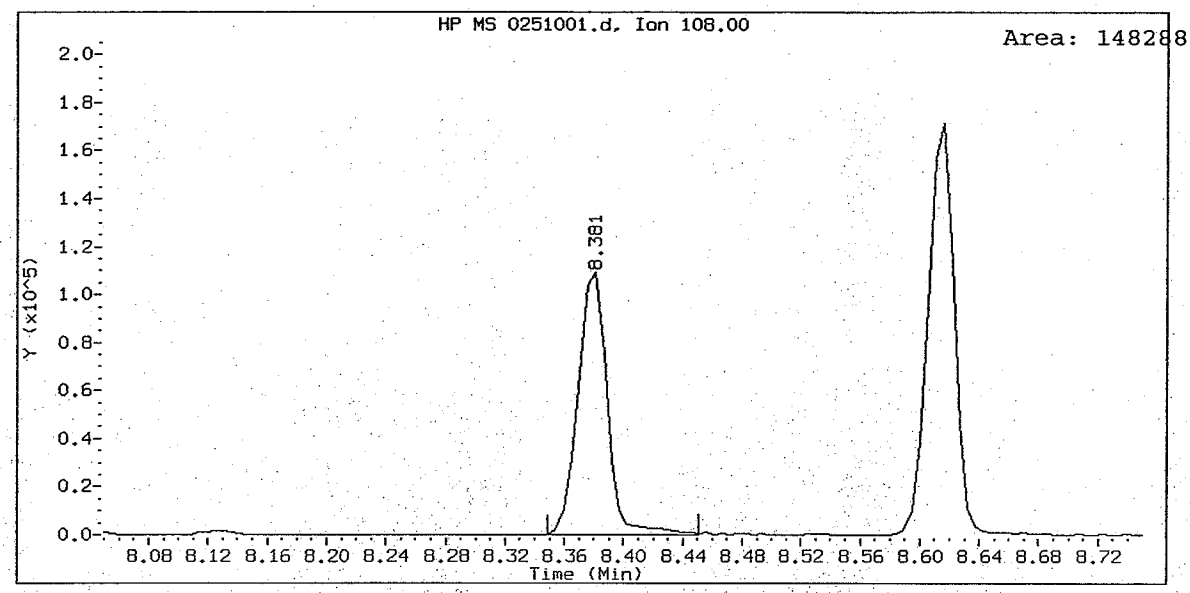
1,4-Dichlorobenzene Amount: 24.60

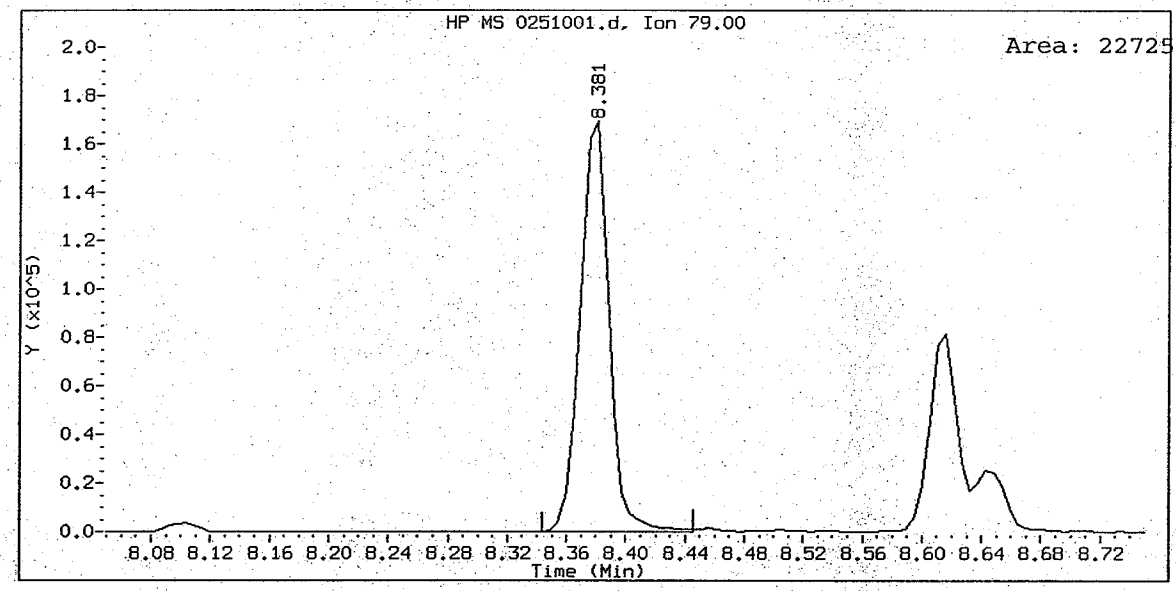


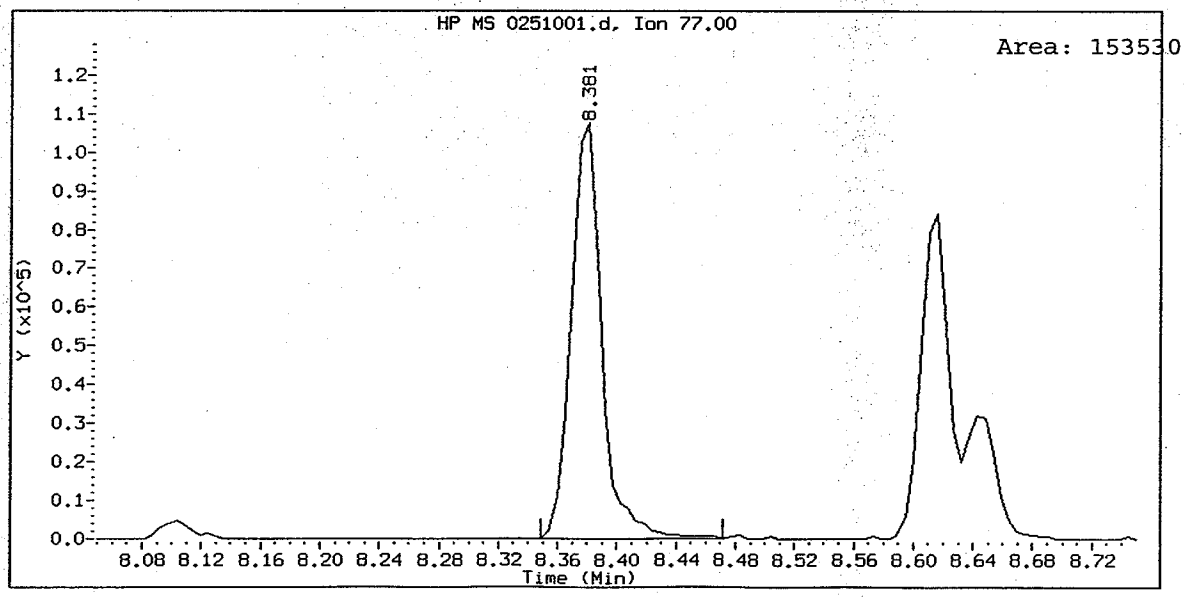




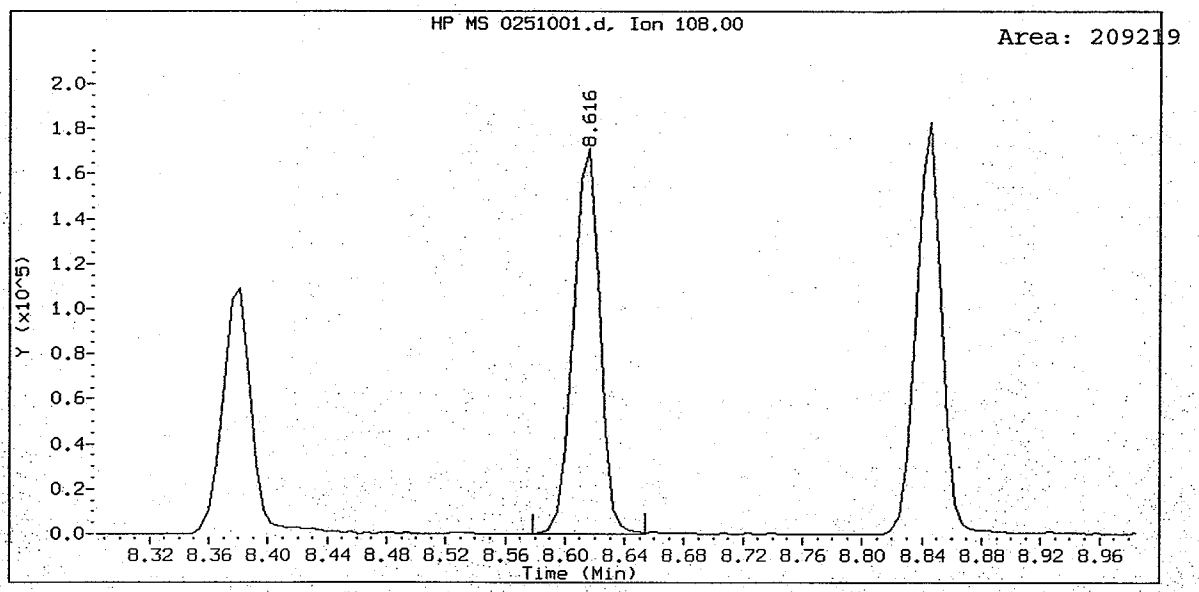
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Benzyl alcohol Amount: 26.19

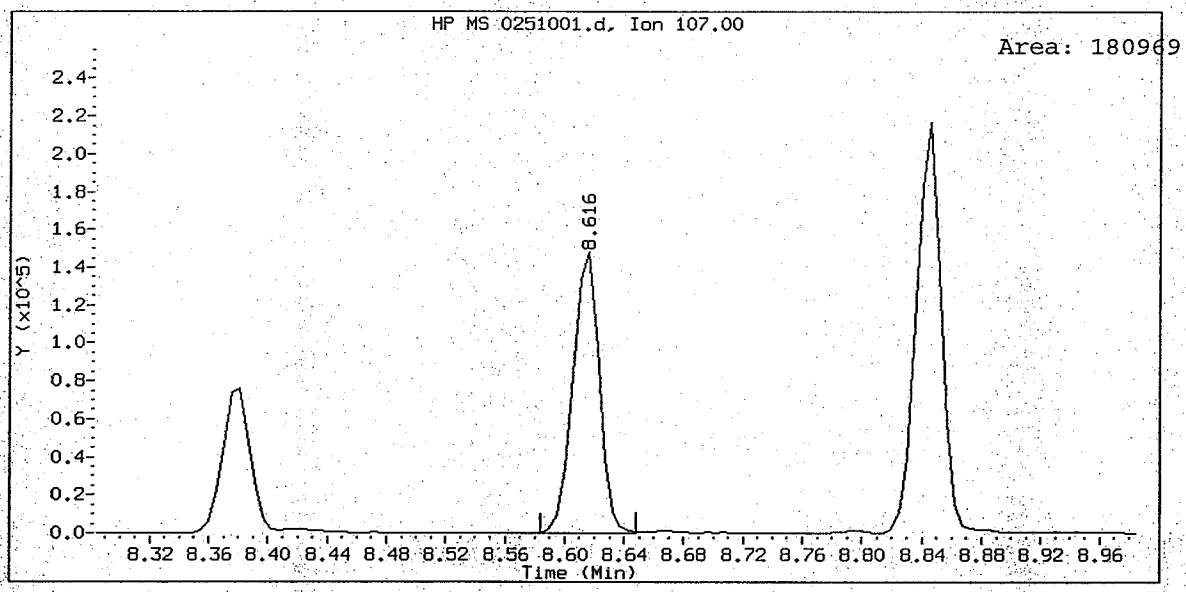


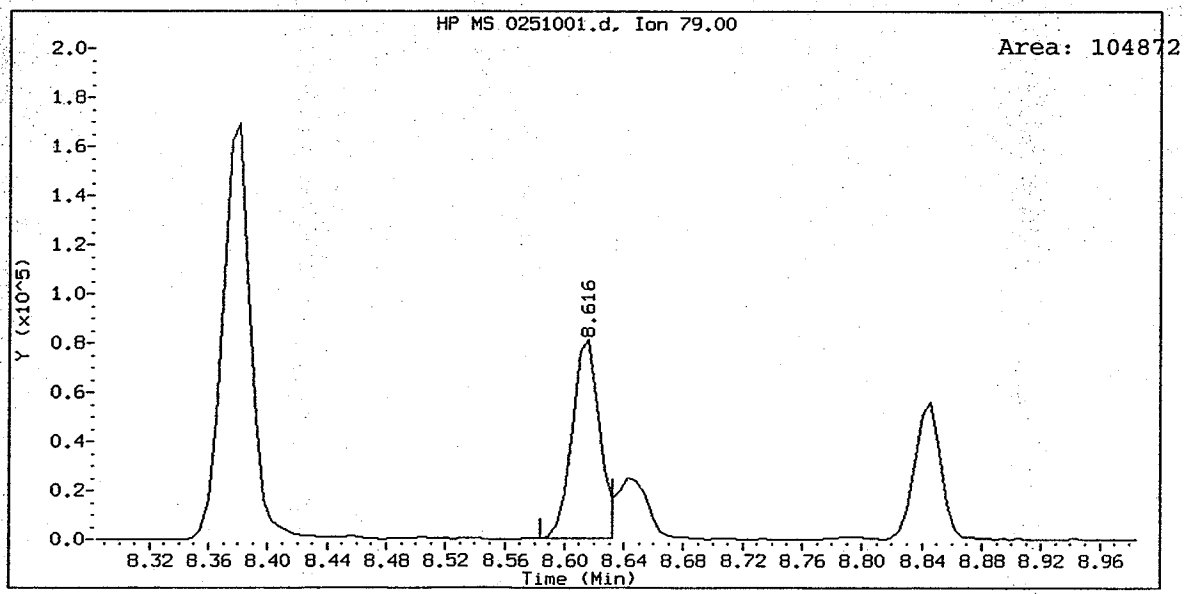




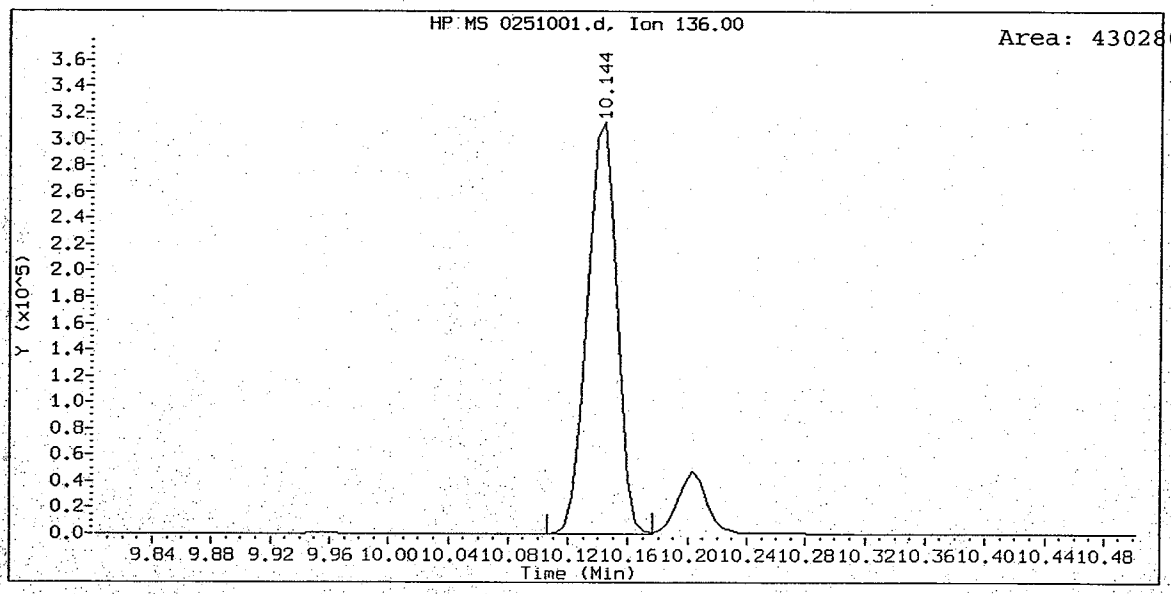
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
2-Methylphenol Amount: 25.52

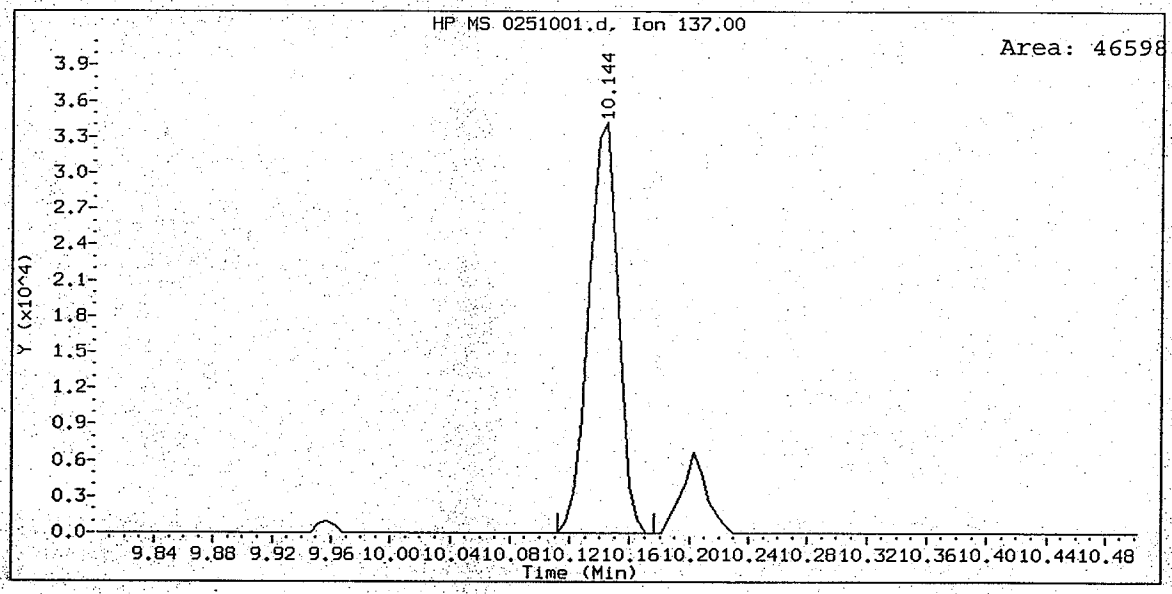


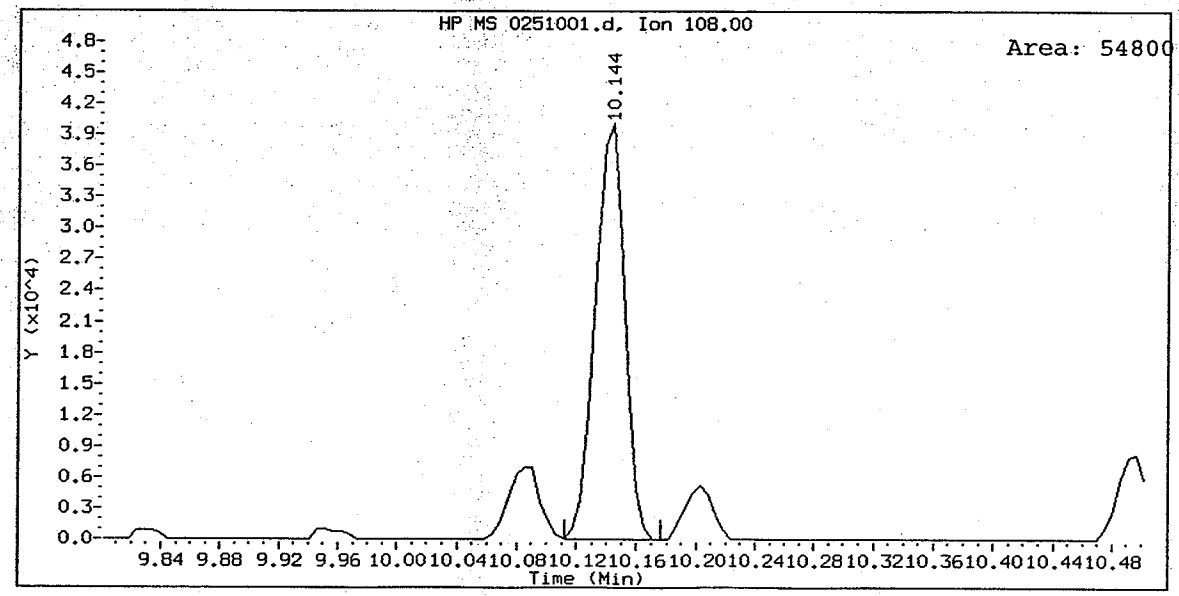




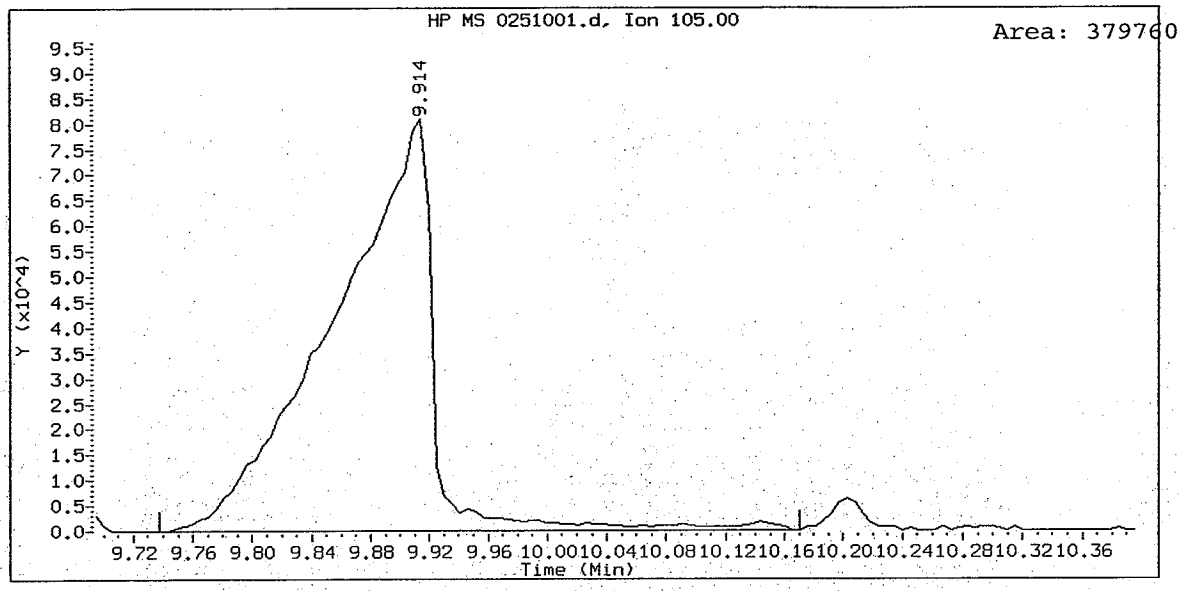
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Naphthalene-d8 Amount: 20.00

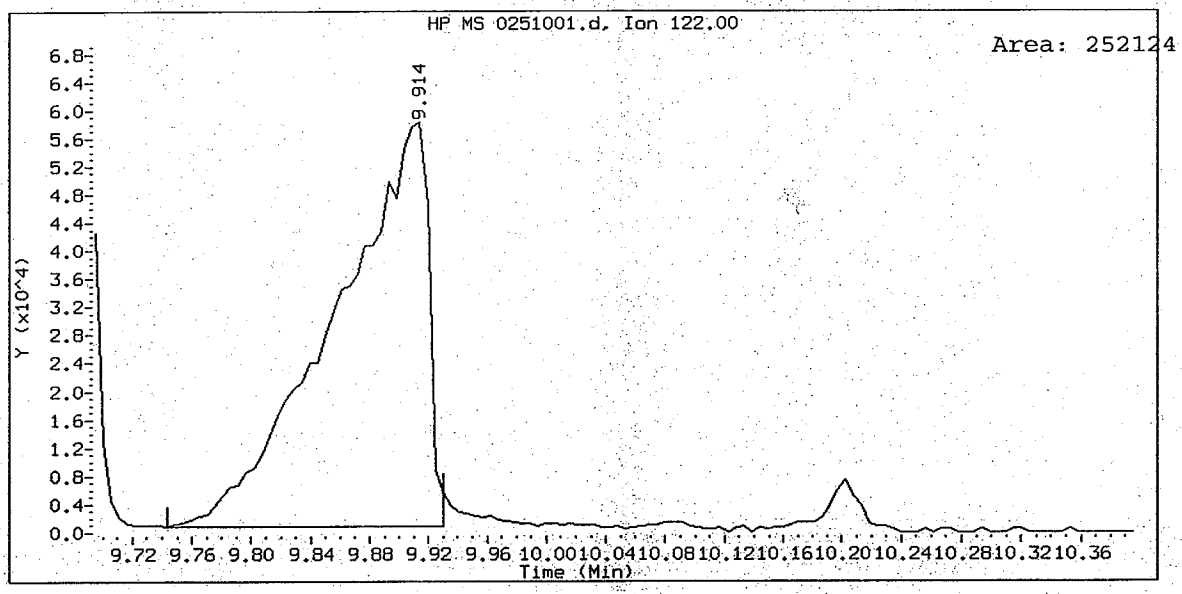


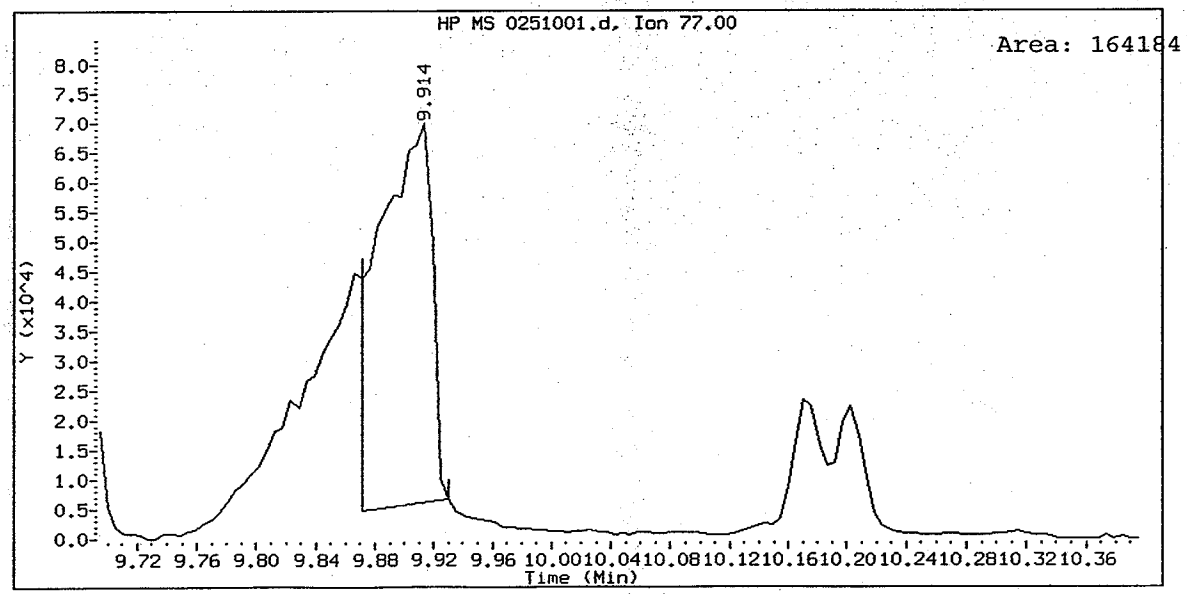




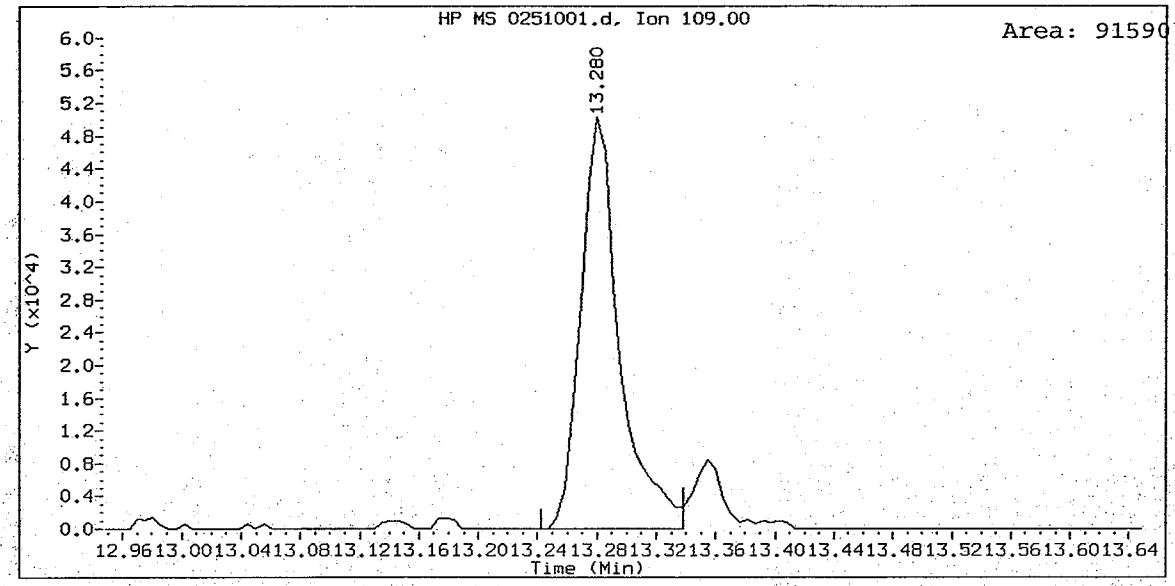
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Benzoic acid Amount: 52.41

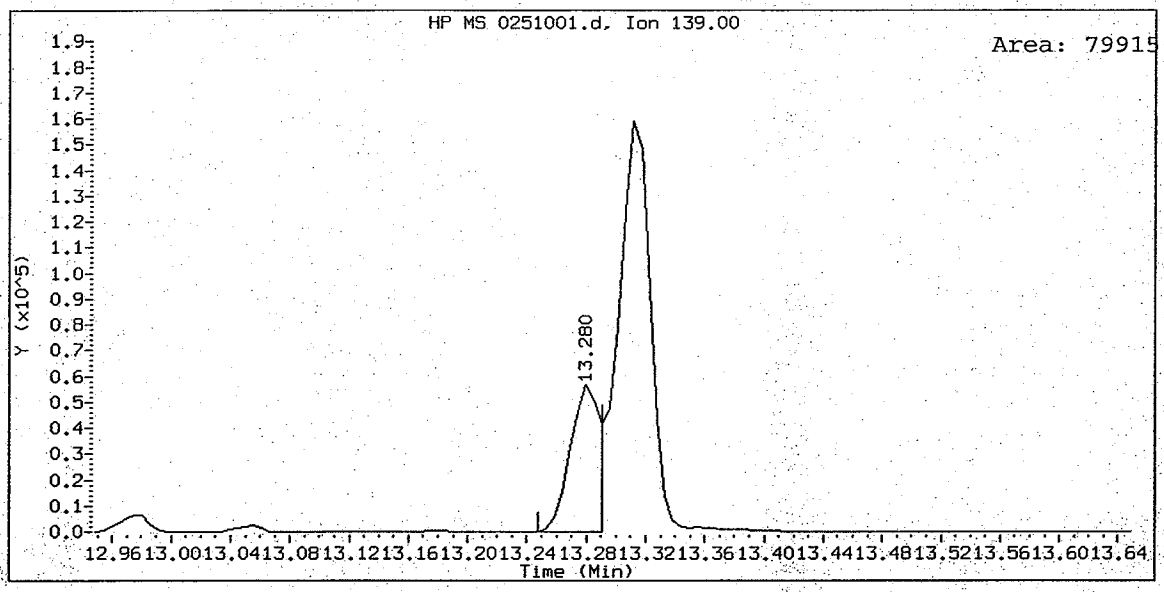


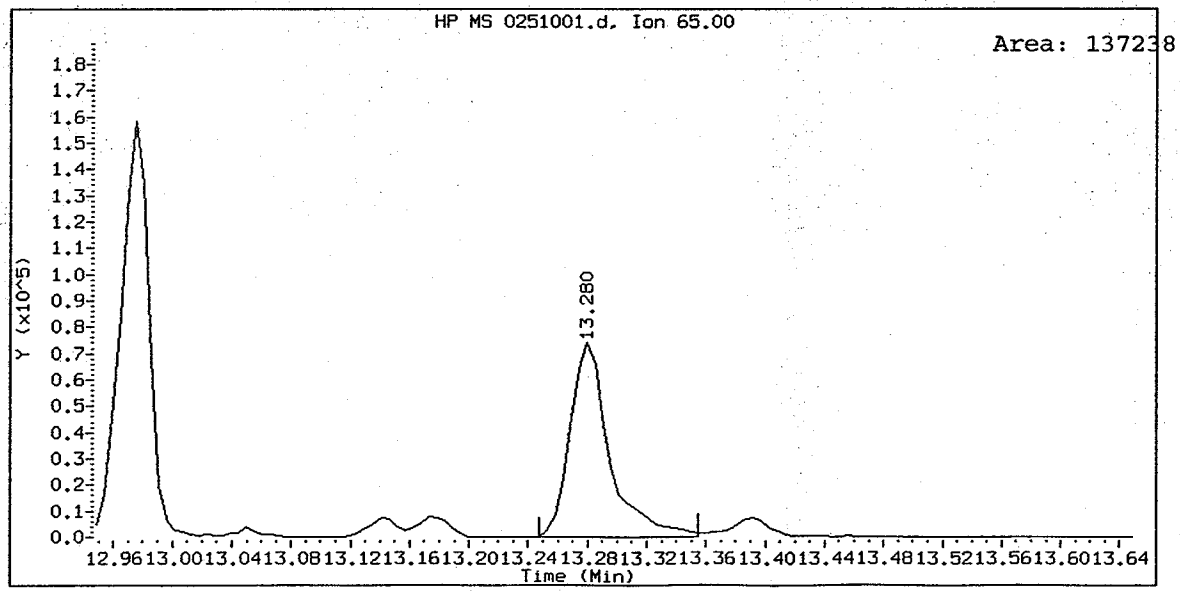




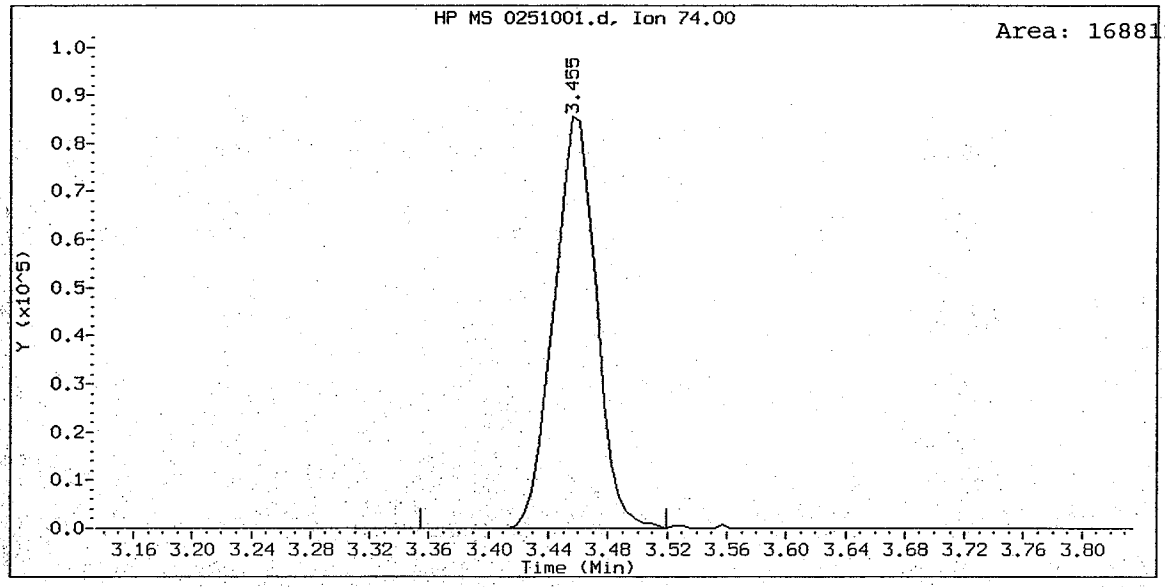
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
4-Nitrophenol Amount: 27.91

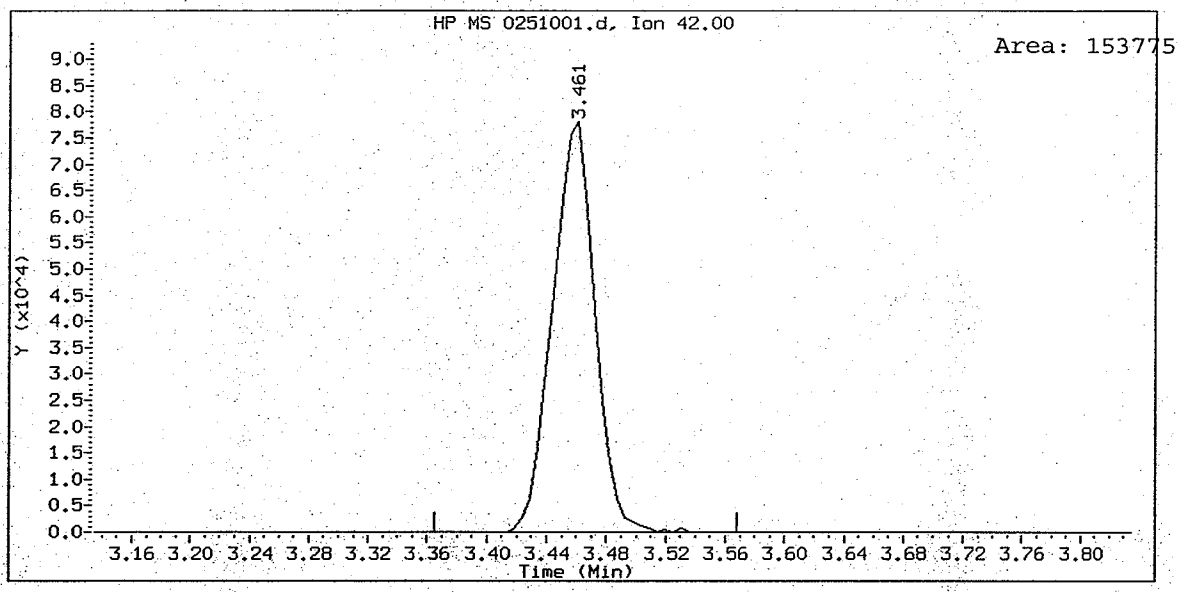




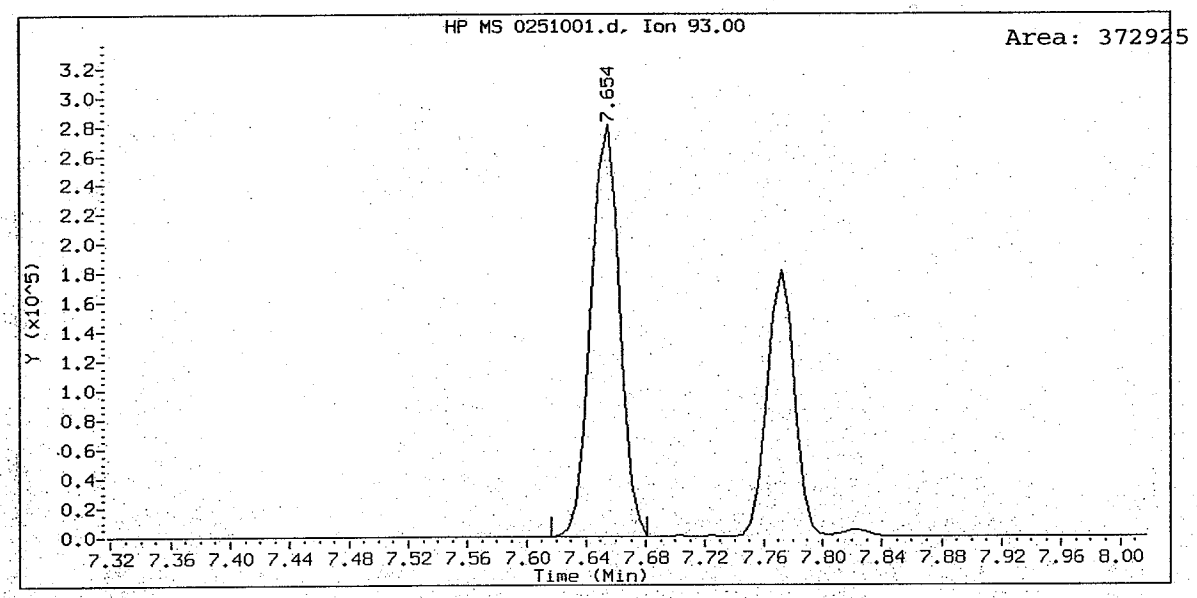


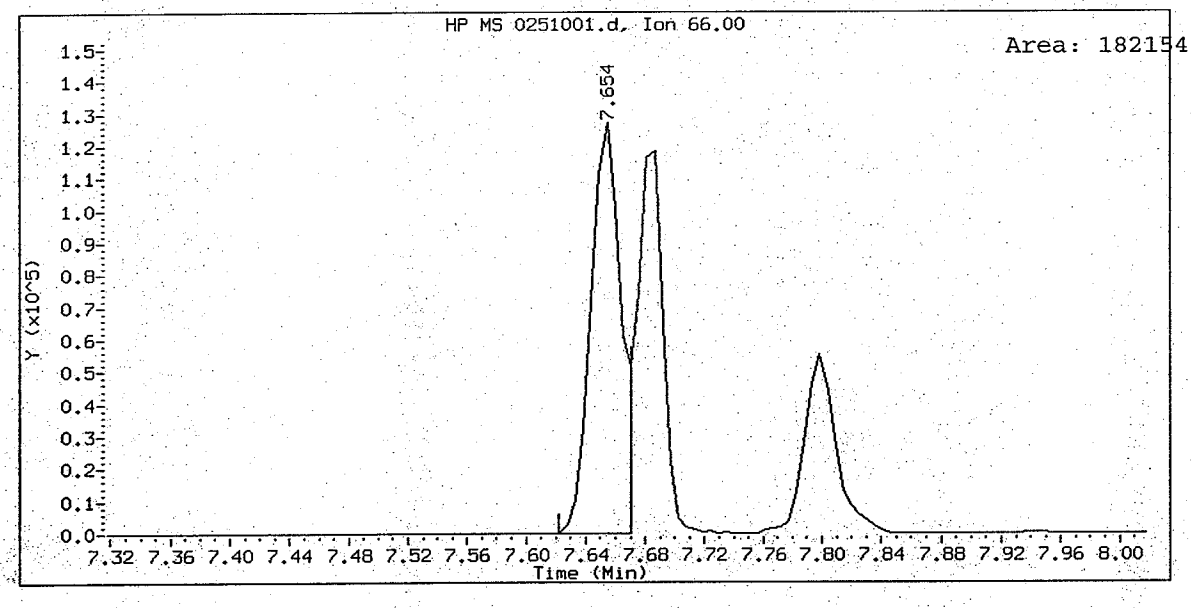
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
N-Nitrosodimethylamine Amount: 24.90

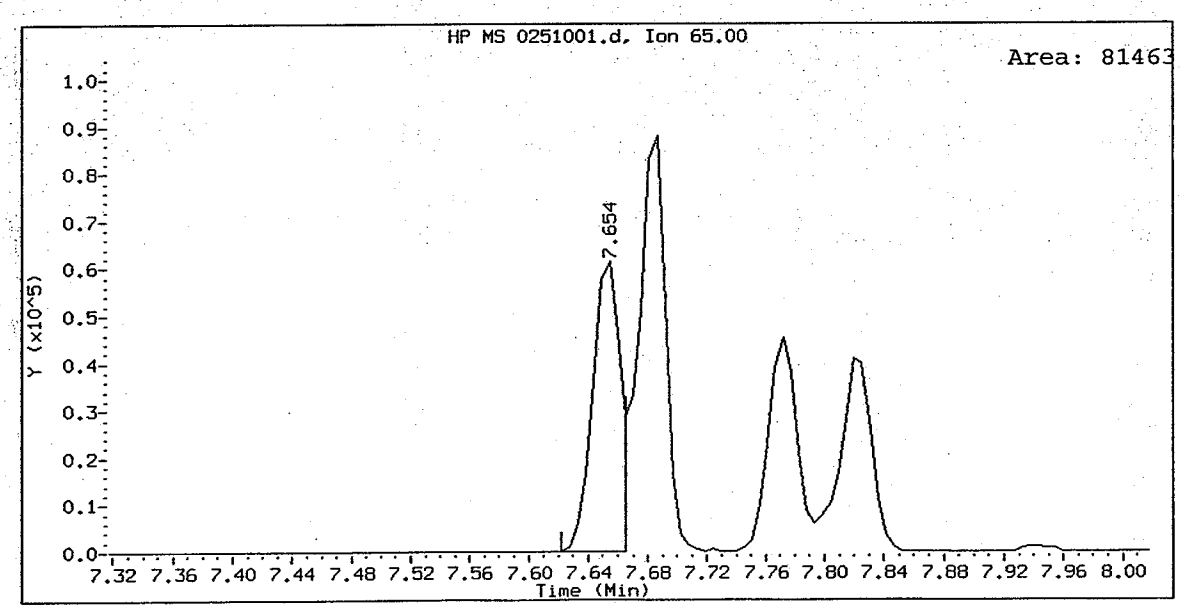




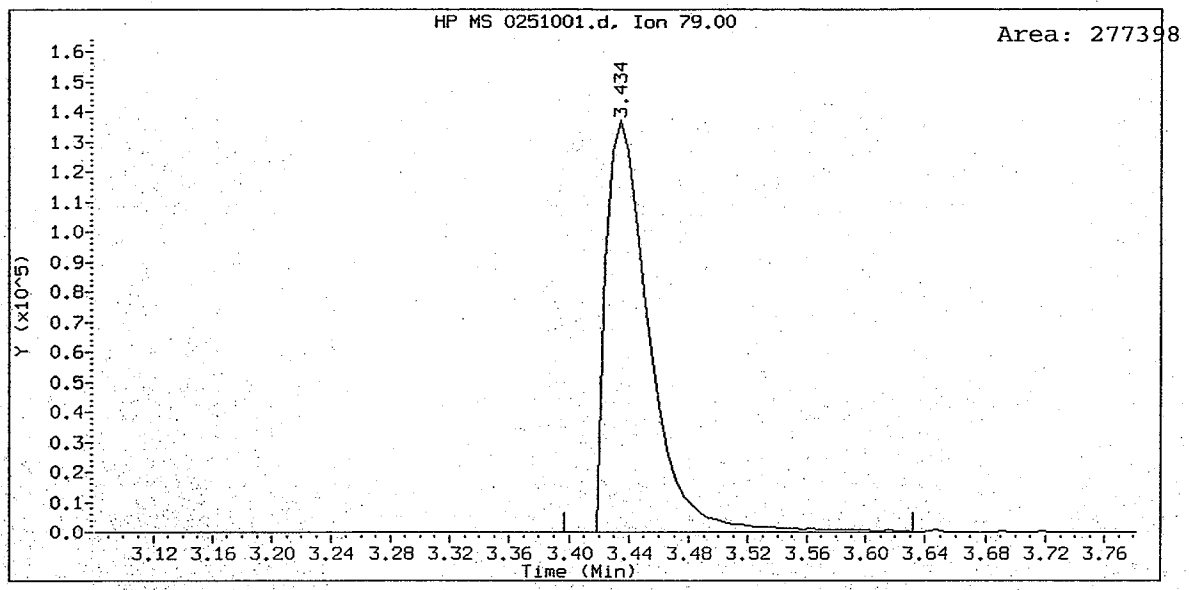
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Aniline Amount: 25.20

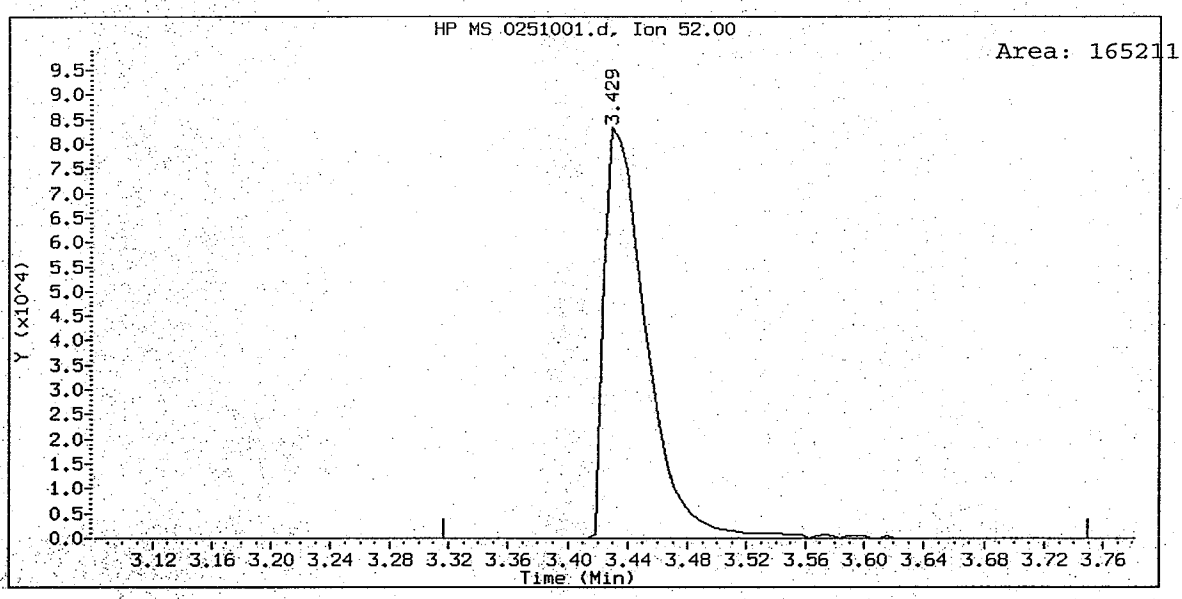




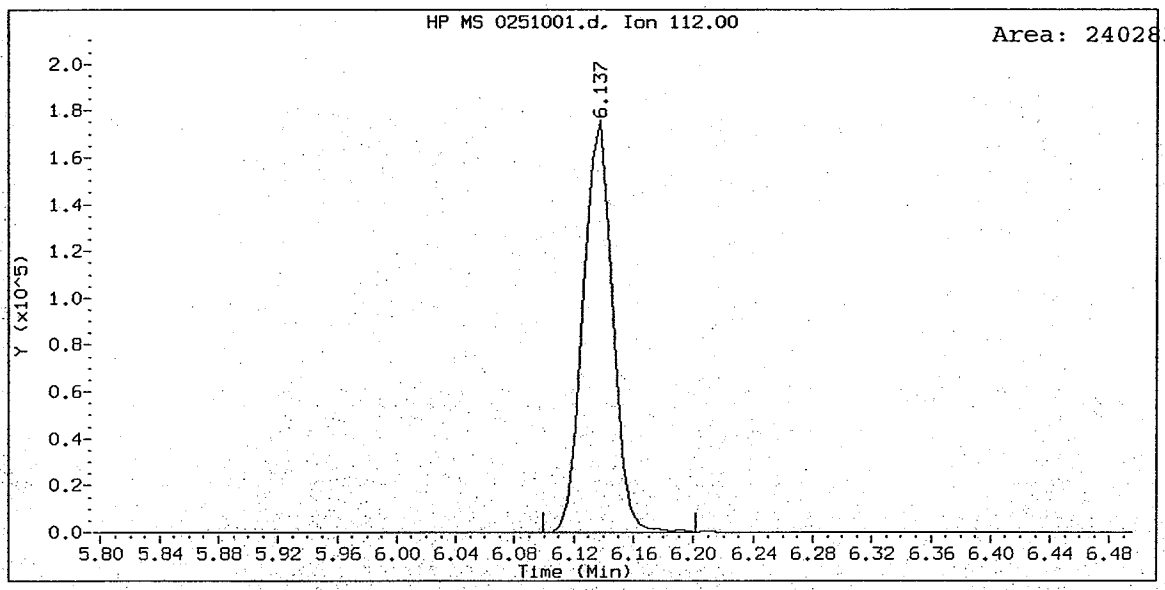


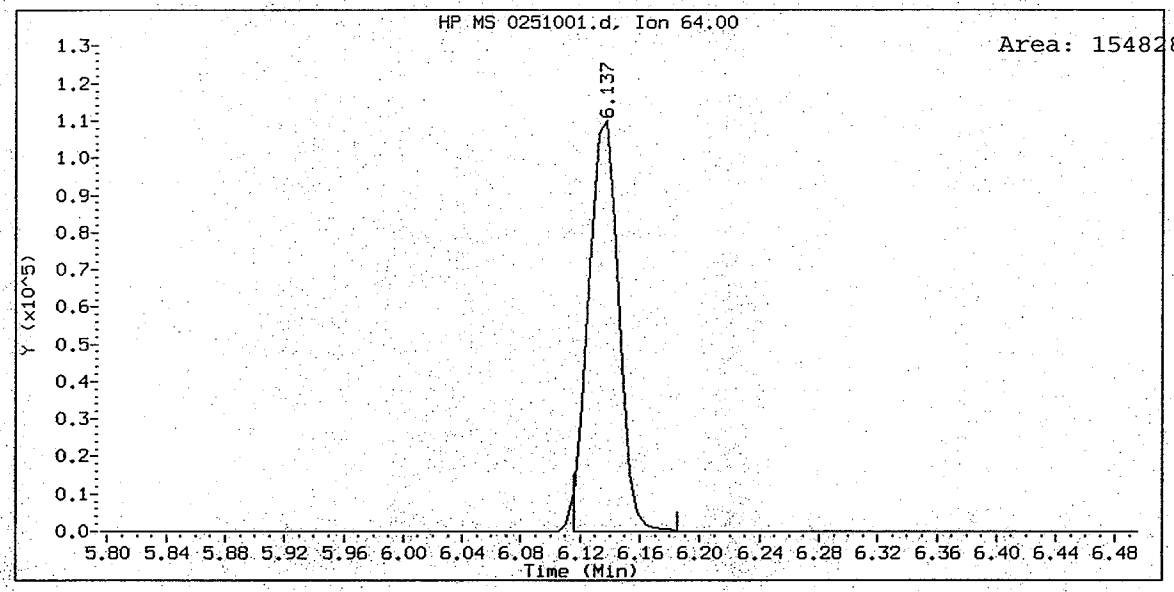
ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Pyridine Amount: 25.50





ABN 25, /chem3/nt4.i/20071001.b/0251001.d
2-Fluorophenol Amount: 25.74





ABN 25, /chem3/nt4.i/20071001.b/0251001.d
Phenol-d5 Amount: 25.45

