

11311

Re. extd and Re-inj'd

TB

Ext'd 470 mps

Adjusted MRL's

HCCP	< 2.2 mg/L	
HCB	< ↓	
EPTC	< ↓	
2,6-Dinitrotol.	< 4.3 mg/L	
2,4- "	< ↓	
Molinate	< 2.0	
Simazine	< 2.2	
Atrazine	< ↓	
Alachlor	< ↓	
Terbacil	< 4.3	
Acetochlor	< ↓	
Metribuzin	< 2.2	
Metolachlor	< ↓	
Butachlor	< ↓	
DDE	< 1.8	
adipate	< 2.2	
phthalate	↓	← 2.2 mg/L
BAP	< 0.43	mg/L

Comments for Sample AE11311 - Analysis \$525

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-05-2002 Time: 15:13:17

bis(2-ethylhexyl)phthalate in LB and FB is 3 ug/l. 5 of 18 compounds fail in LCS Standard. 2 of 18 compounds fail in Spiked sample. 1 of 3 Surrogates fail in sample. LB and sample contaminated with Turbo vap grease. Analysis will be repeated on fresh bottle. Samples may contain unknowns such as hydroxynitrophenyl pyridine at .07 ug/l fit 53, biphenyldiamine at 4.6 ug/l fit 72, and guanosine at 0.09 ug/l fit 37. This sample was reextracted on 5/23 and reanalyzed on 5/29. One of the 3 Surrogate Standards, Perylene d-12, was low. This is due to a reaction between it and the sample preservative, and can not be avoided. Hydrocarbons present in this sample are also present in the Laboratory blank. They are being produced from the Solid Phase Extraction cartridges. A remedy to this situation will have to be determined.

*reanalysis of 10187 dep lat # 4393
call. 5/8 by mmm*

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 03 15:48:57 2002

Quant Results File: 052802.RES

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Mon Jun 03 15:34:22 2002

Response via : Initial Calibration

DataAcq Meth : 052802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.19	164	1899594	5.00	ug/L	0.00
9) Phenanthrene d-10	22.51	188	2868077	5.00	ug/L	0.00
19) Chrysene d-12	30.29	240	1857994	5.00	ug/L	0.00
25) p-Terphenyl d-14	27.39	244	2095758	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,3-Dimethyl-2-nitrobenzen	13.11	134	538591	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery	=	101.00%	
20) Triphenyl Phosphate	29.57	326	441636	5.59	ug/L	0.00
Spiked Amount 5.000			Recovery	=	111.80%	
21) Perylene D-12	34.30	264	705926	2.85	ug/L	0.00
Spiked Amount 5.000			Recovery	=	57.00%	
26) Acenaphthene d-10 (surr)	18.19	164	1899594	4.08	ug/L	0.00
Spiked Amount 5.000			Recovery	=	81.60%	
27) Phenanthrene d-10 (surr)	22.51	188	2868077	4.41	ug/L	0.00
Spiked Amount 5.000			Recovery	=	88.20%	
28) Chrysene d-12 (surr)	30.29	240	1857994	4.36	ug/L	0.00
Spiked Amount 5.000			Recovery	=	87.20%	

Target Compounds

					Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
4) Hexachlorobenzene	0.00	284	0	N.D.	
5) EPTC	0.00	128	0	N.D.	
6) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
7) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
8) Molinate	0.00	126	0	N.D.	
10) Simazine	0.00	201	0	N.D.	
11) Atrazine	0.00	200	0	N.D.	
12) Alachlor	0.00	160	0	N.D.	
13) Terbacil	0.00	117	0	N.D.	
14) Acetochlor	0.00	146	0	N.D.	
15) Metribuzin	0.00	198	0	N.D.	
16) Metolachlor	0.00	162	0	N.D.	
17) Butachlor	0.00	160	0	N.D. d	
18) 4,4'-DDE	0.00	246	0	N.D. d	
22) Bis (2-Ethylhexyl) adipate	0.00	129	0	N.D. d	
23) Bis (2-Ethylhexyl) phthala	30.95	149	50484	0.81 ug/L	92
24) Benzo (a) pyrene	0.00	252	0	N.D.	

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

11311RR.D 052802.M Mon Jun 03 15:50:01 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 3 15:49 2002

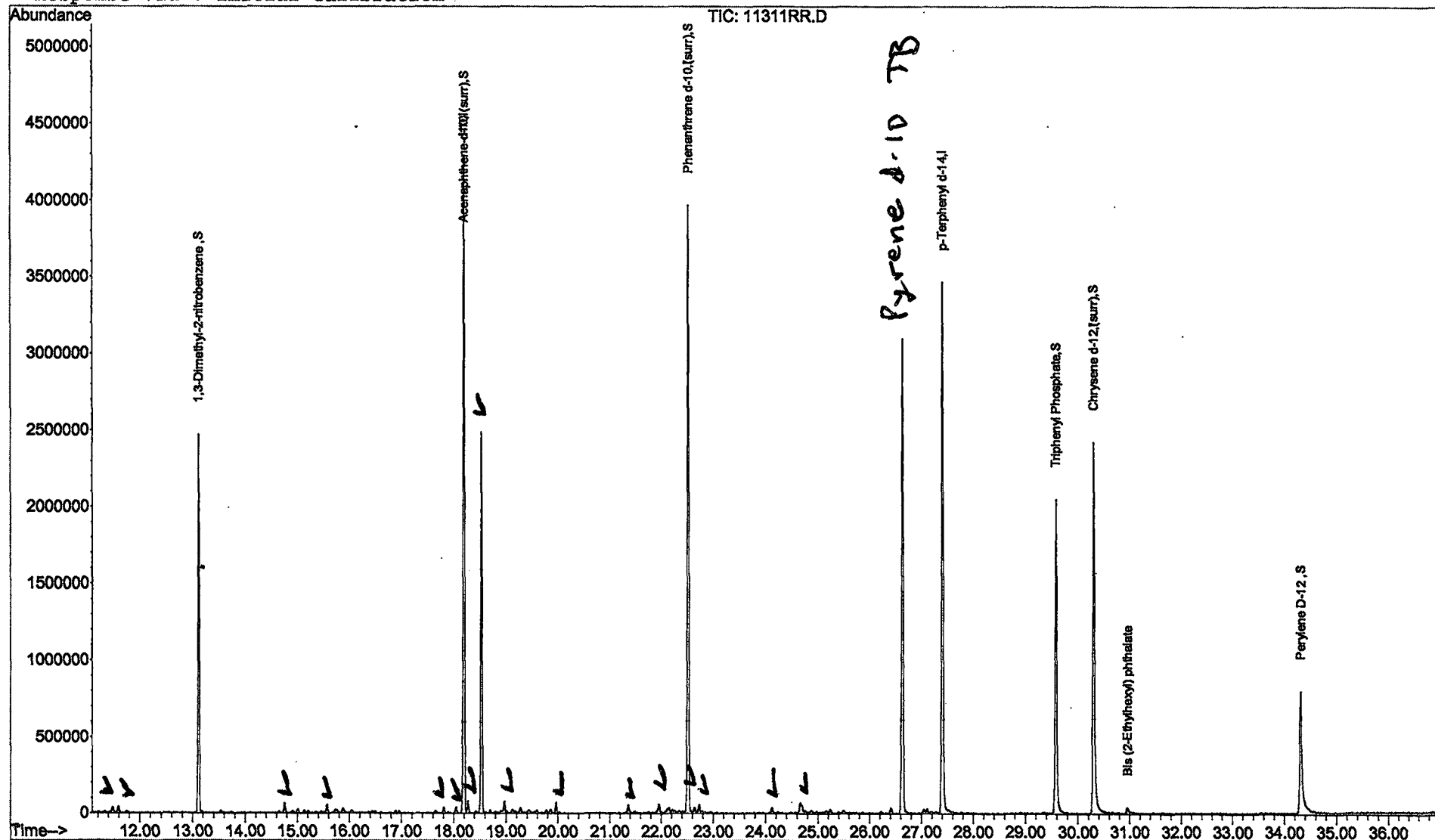
Quant Results File: 052802.RES

Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Mon Jun 03 15:34:22 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D
 Acq On : 29 May 2002 2:39 pm
 Sample : SAMPLE 11311 RE-EXTD 5/23/02
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 Operator: Bohlk / Inst 213
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
 Title : Quantitation For Method 525.2
 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

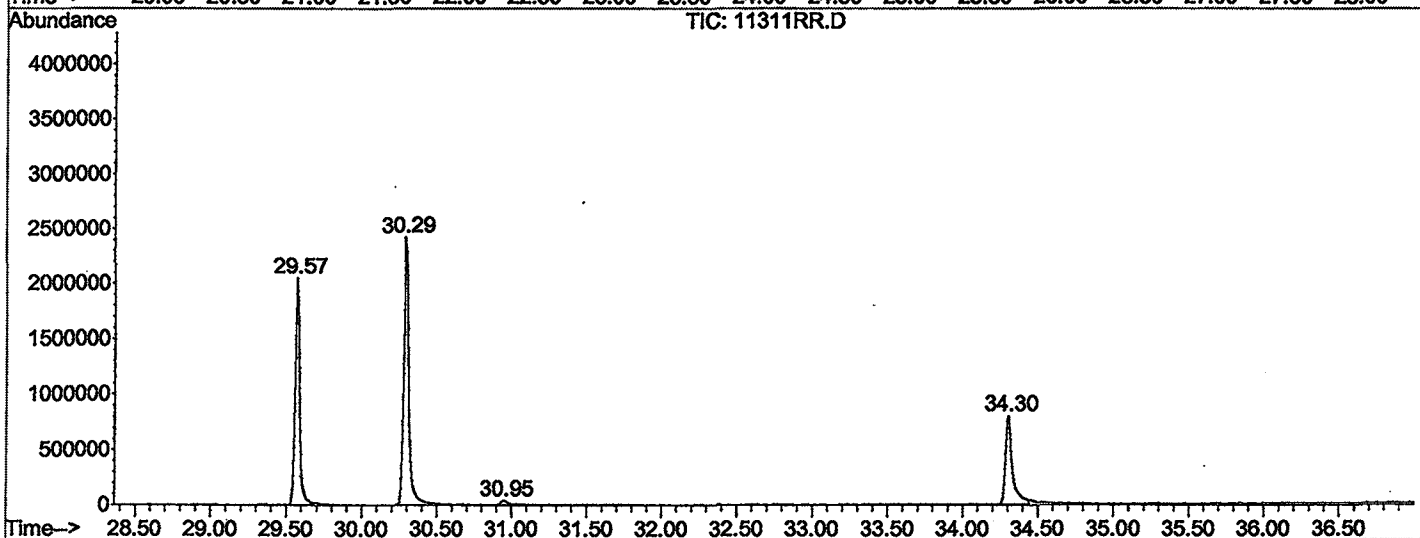
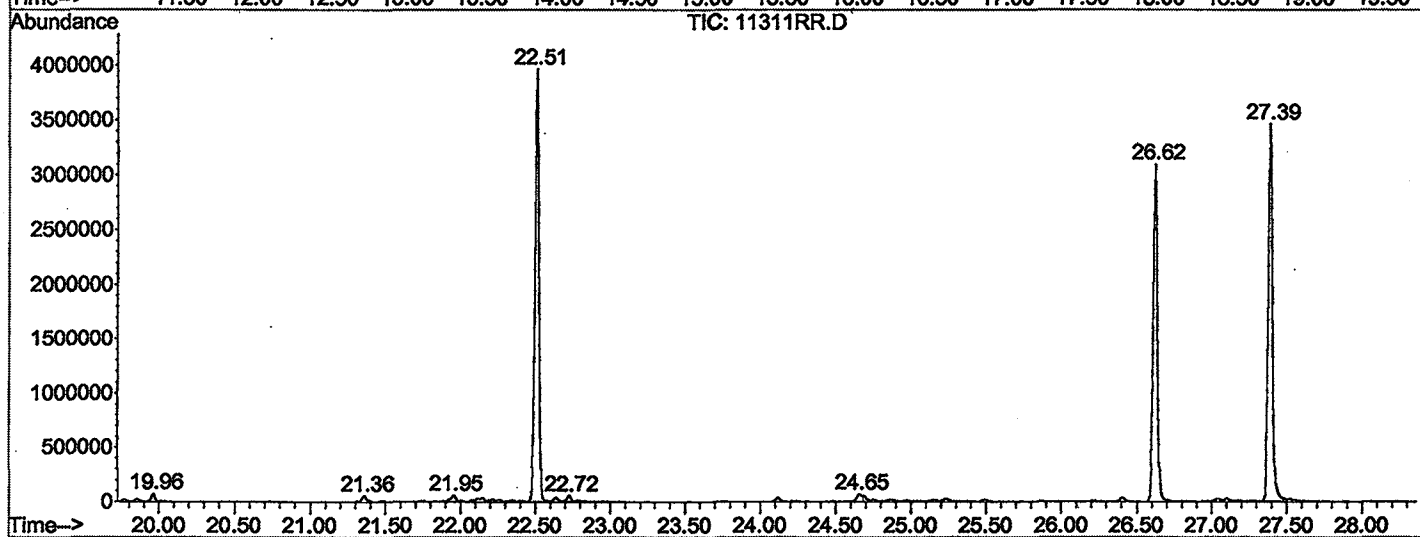
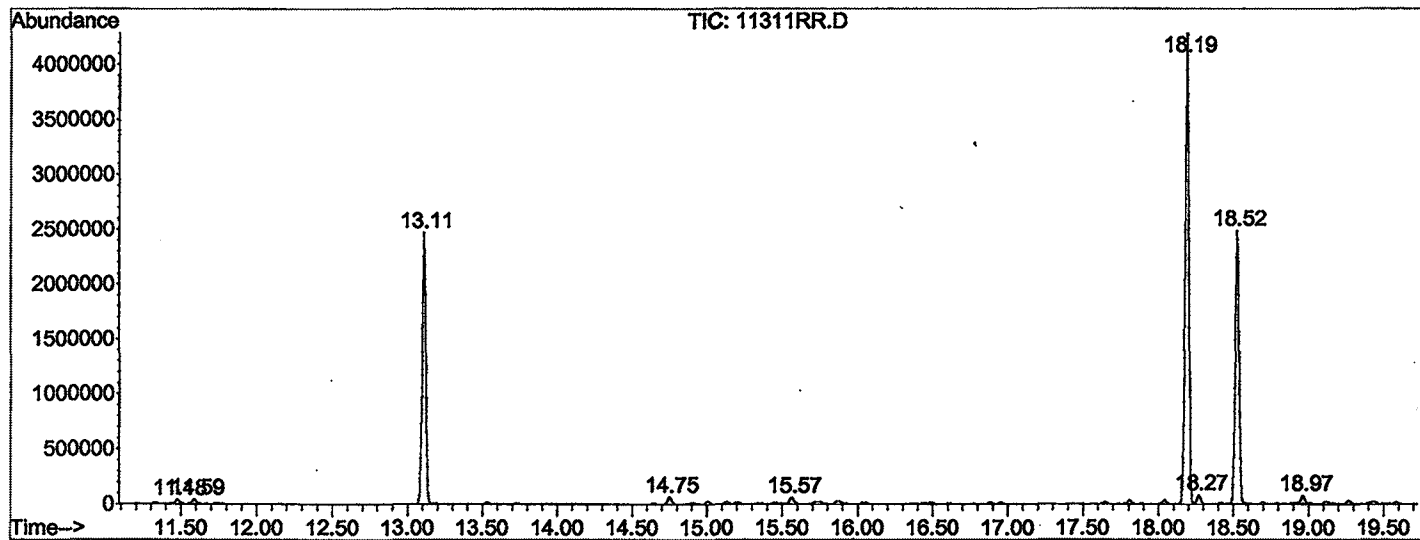
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	11.475	41	44	50	rVB2	38190	75183	1.02%	0.152%
2	11.593	50	57	64	rBV	41287	80114	1.08%	0.162%
3	13.108	219	224	229	rBV	2468369	3998371	54.04%	8.102%
4	14.749	402	405	410	rBV	64950	118295	1.60%	0.240%
5	15.566	490	495	499	rVB2	57273	113059	1.53%	0.229%
6	18.187	779	784	789	rBV	4282757	7244845	97.92%	14.680%
7	18.269	789	793	799	rVB2	79859	141637	1.91%	0.287%
8	18.523	817	821	829	rBV2	2486461	4330675	58.53%	8.775%
9	18.967	864	870	873	rVB	68449	118944	1.61%	0.241%
10	19.965	975	980	984	rBV	71165	114038	1.54%	0.231%
11	21.362	1131	1134	1144	rVB	56328	120762	1.63%	0.245%
12	21.951	1193	1199	1203	rBV3	55811	122351	1.65%	0.248%
13	22.514	1253	1261	1267	rBV2	3966718	7398748	100.00%	14.992%
14	22.722	1279	1284	1288	rVV2	50345	94191	1.27%	0.191%
15	24.654	1491	1497	1500	rBV2	66926	171385	2.32%	0.347%
16	26.622	1708	1714	1727	rBV2	3096256	5977939	80.80%	12.113%
17	27.393	1793	1799	1811	rBV	3458966	6718312	90.80%	13.614%
18	29.570	2034	2039	2051	rBV	2042881	4134028	55.87%	8.377%
19	30.287	2113	2118	2138	rBV2	2415725	5664486	76.56%	11.478%
20	30.949	2187	2191	2197	rBV2	37935	110041	1.49%	0.223%
21	34.305	2555	2561	2576	rBV	794705	2502725	33.83%	5.071%

Sum of corrected areas: 49350129

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052902\11311RR.D
 Operator : Bohlk / Inst 213
 Acquired : 29 May 2002 2:39 pm using AcqMethod 052802
 Instrument : Instrumen
 Sample Name: SAMPLE 11311 RE-EXTD 5/23/02
 Misc Info :
 Vial Number: 16
 Quant File :052802.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Acq On : 29 May 2002 2:39 pm

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Bohlk / Inst 213

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

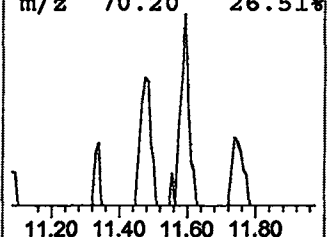
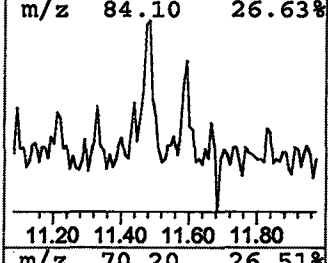
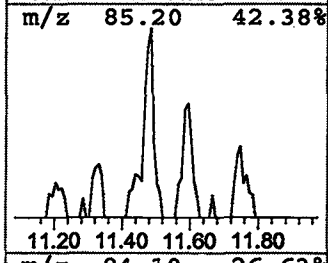
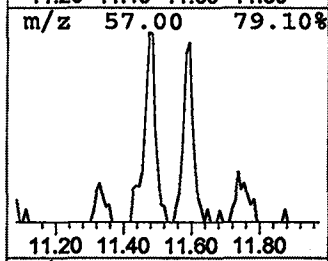
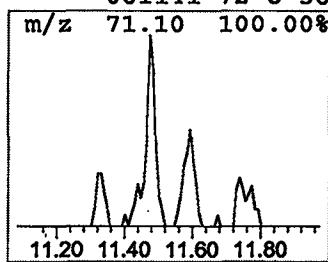
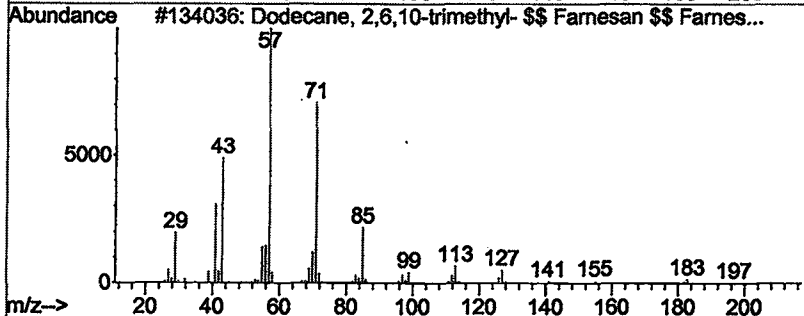
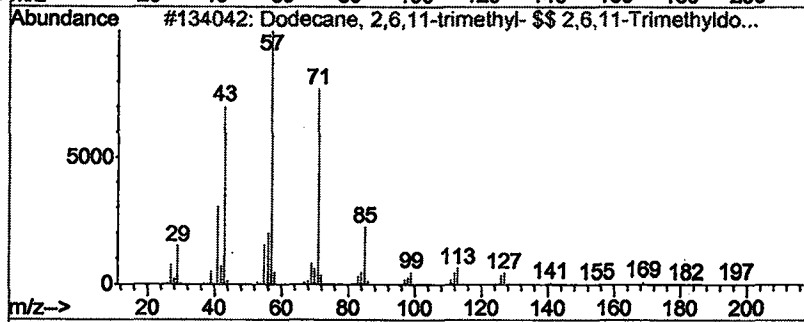
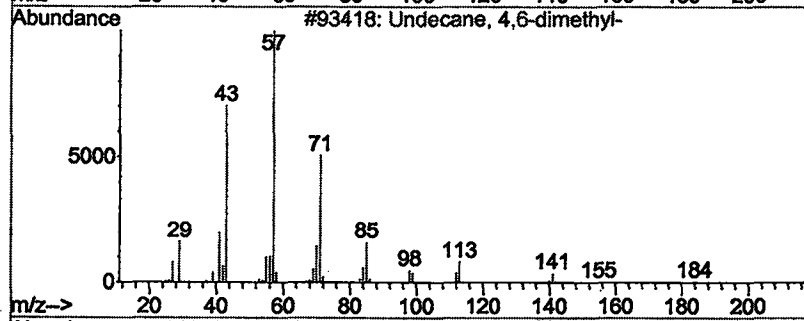
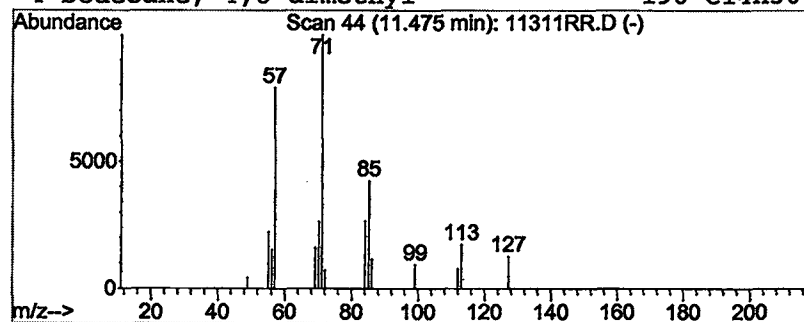
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 1 Undecane, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	0.05 ug/L	75183	Acenaphthene-d10	18.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
2			Dodecane, 2,6,11-trimethyl- \$\$ 2...	212	C15H32	031295-56-4	64
3			Dodecane, 2,6,10-trimethyl- \$\$ F...	212	C15H32	003891-98-3	64
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	56



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

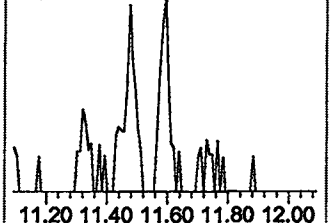
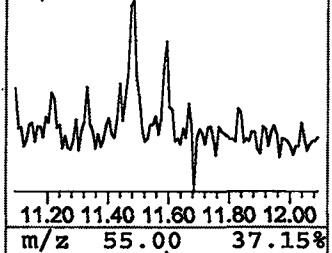
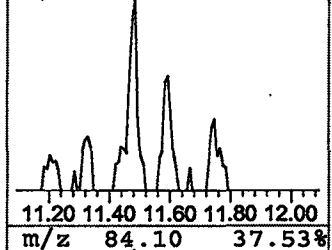
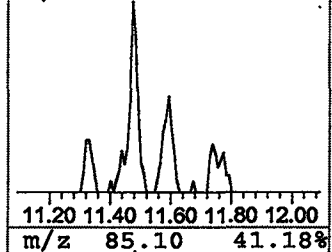
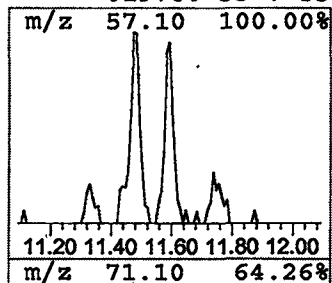
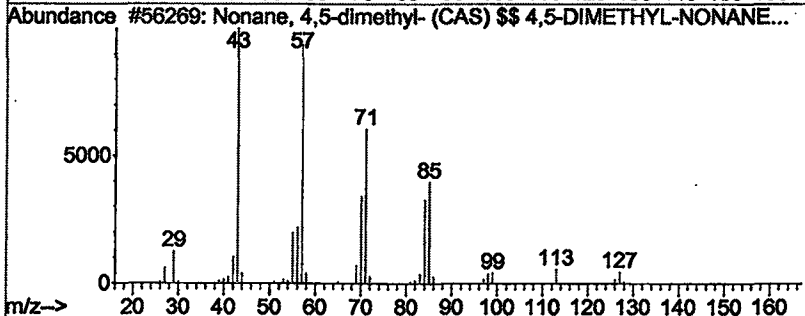
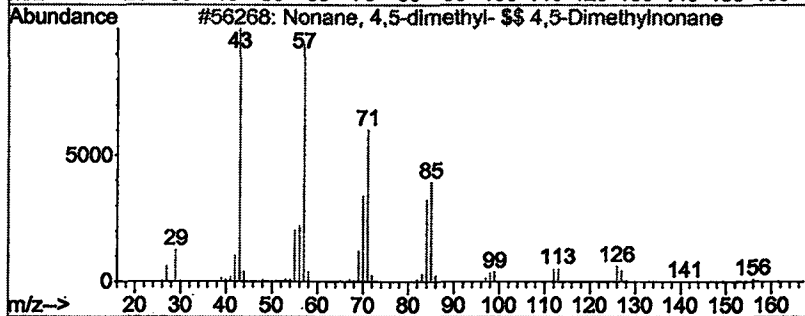
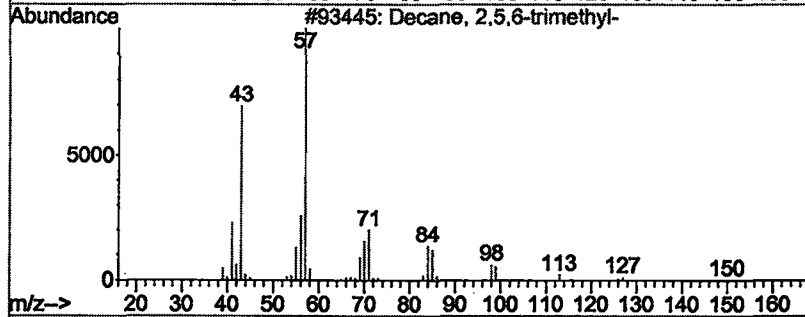
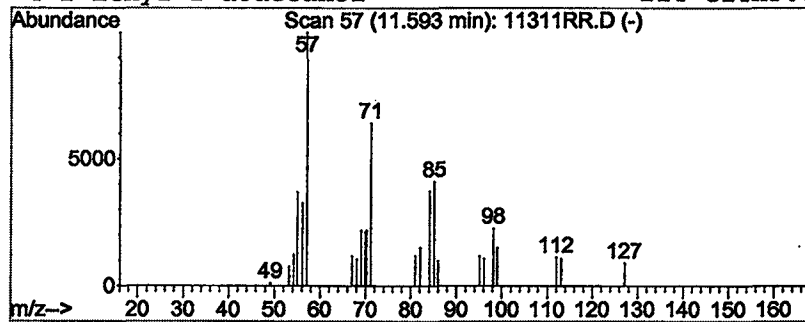
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 2 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	0.06 ug/L	80114	Acenaphthene-d10	18.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2			Nonane, 4,5-dimethyl- \$\$ 4,5-Dim...	156	C11H24	017302-23-7	64
3			Nonane, 4,5-dimethyl- (CAS) \$\$ 4...	156	C11H24	017302-23-7	64
4			2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Acq On : 29 May 2002 2:39 pm

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Bohlk / Inst 213

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

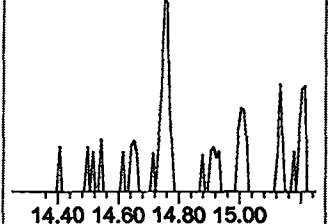
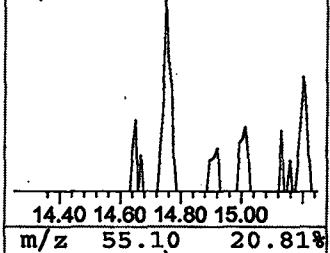
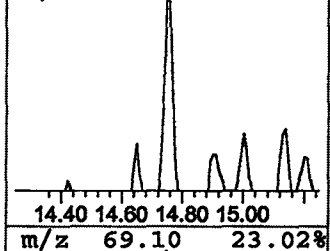
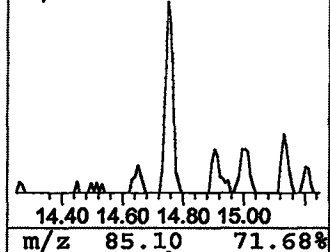
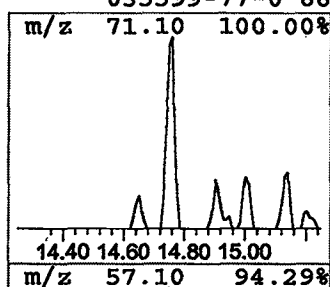
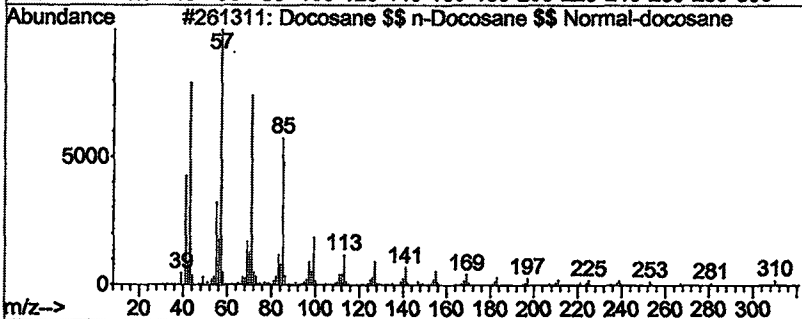
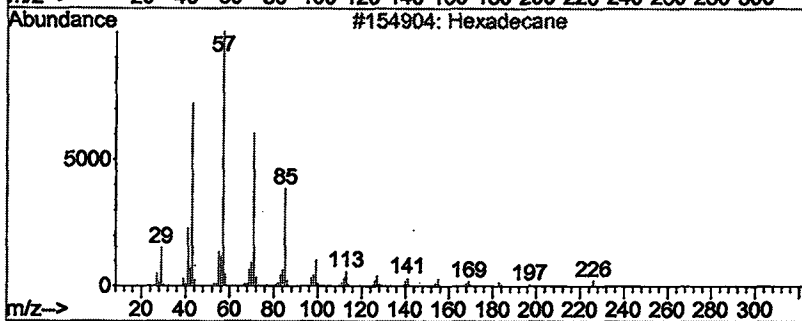
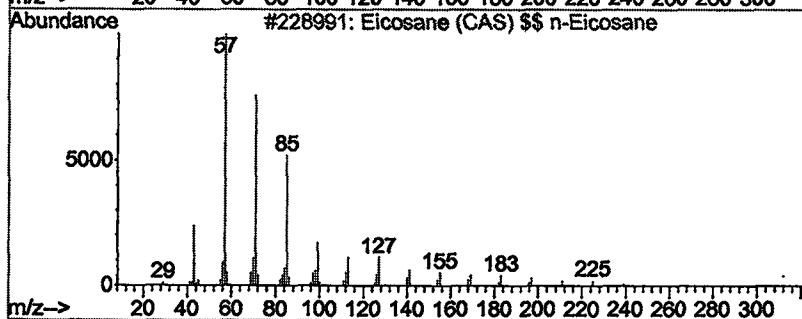
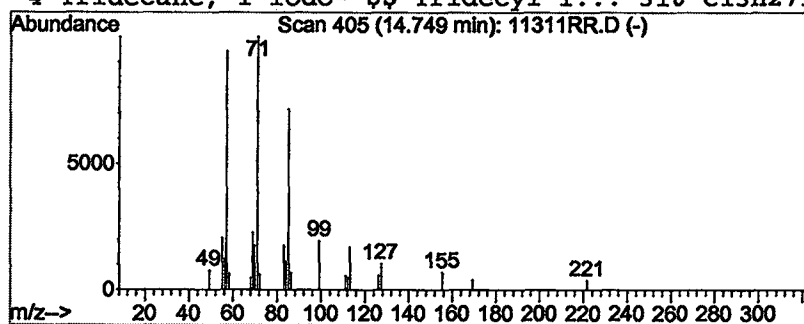
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 3 Eicosane (CAS) \$\$ n-Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	0.08 ug/L	118295	Acenaphthene-d10	18.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane (CAS) \$\$ n-Eicosane	282	C20H42	000112-95-8	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Docosane \$\$ n-Docosane \$\$ Normal...	310	C22H46	000629-97-0	90
4		Tridecane, 1-iodo- \$\$ Tridecyl i...	310	C13H27I	035599-77-0	86



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Acq On : 29 May 2002 2:39 pm

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Bohlk / Inst 213

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

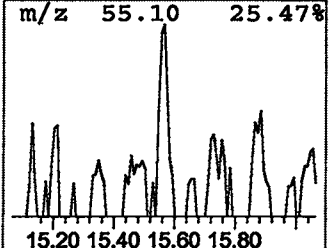
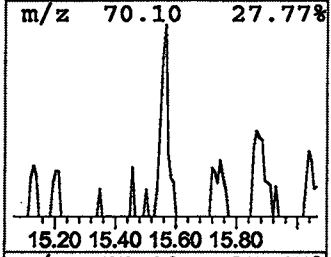
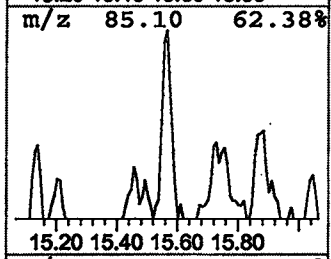
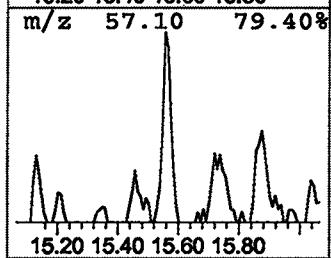
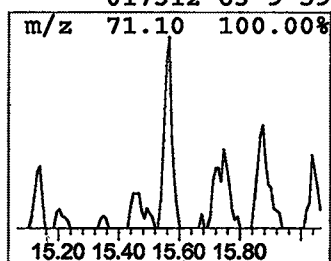
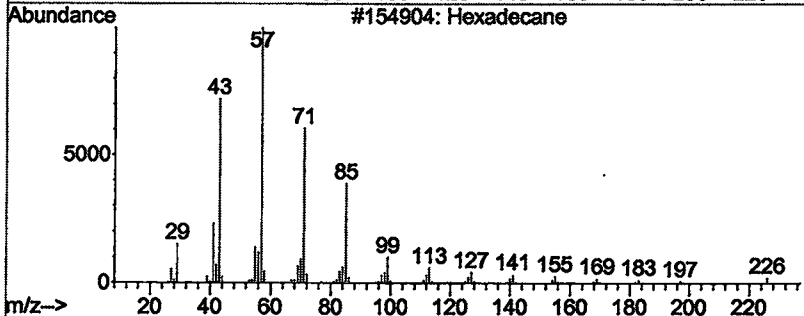
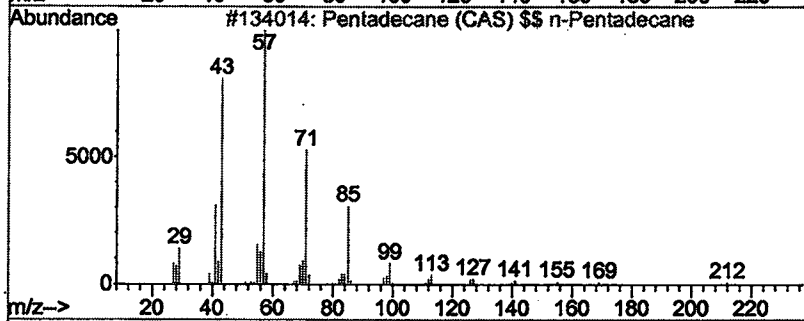
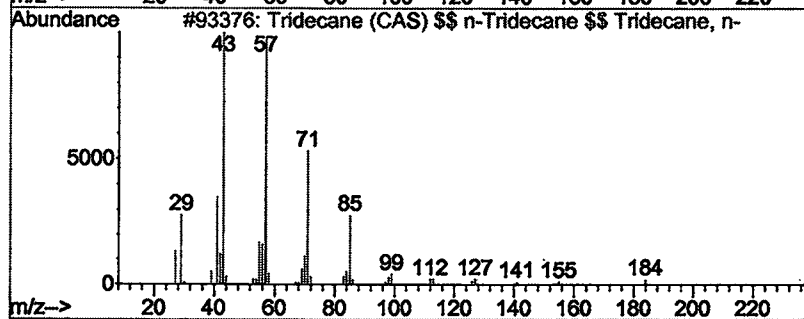
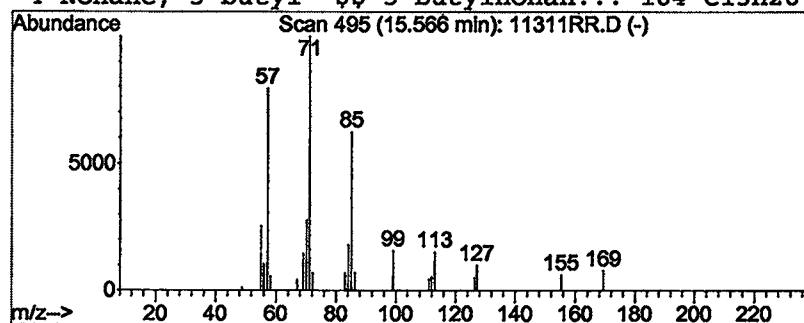
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 4 Tridecane (CAS) \$\$ n-Tridec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	0.08 ug/L	113059	Acenaphthene-d10	18.19

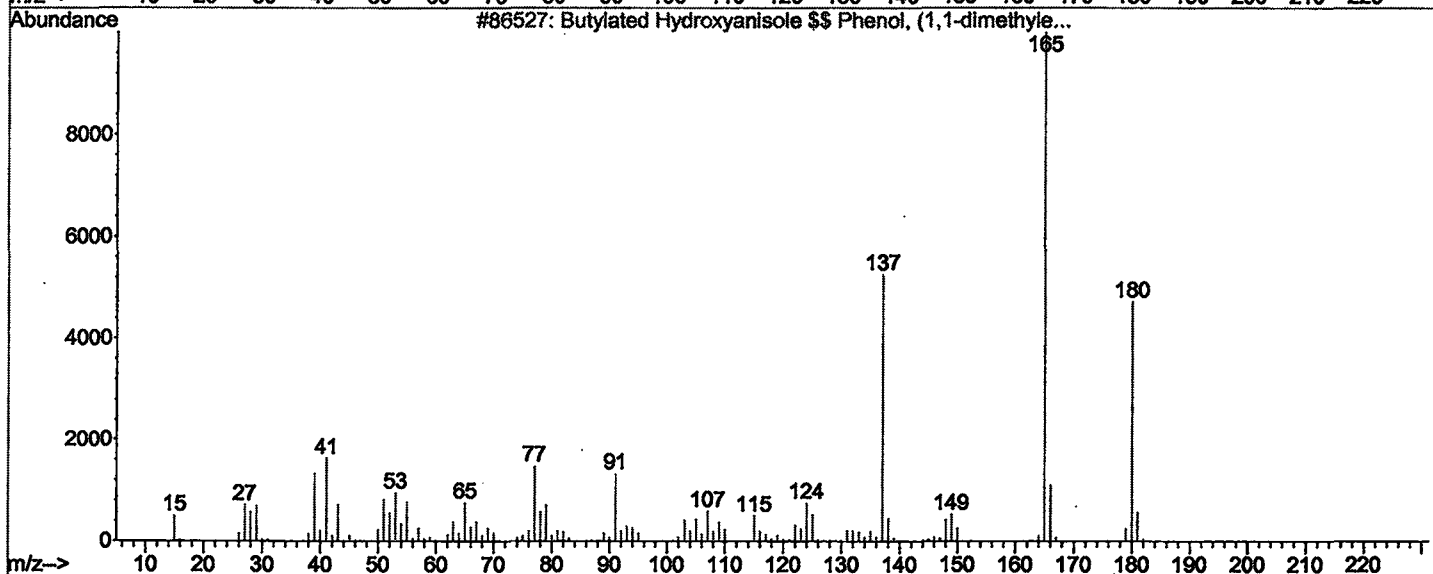
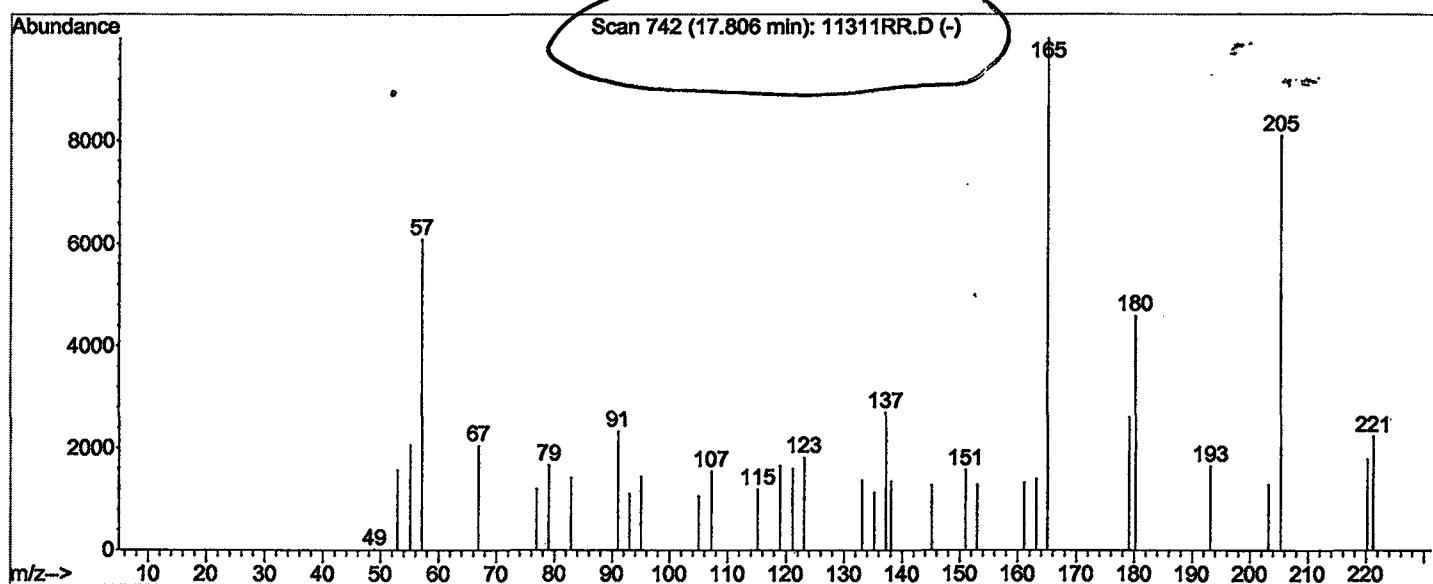
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane (CAS) \$\$ n-Tridecane \$...	184	C13H28	000629-50-5	72
2			Pentadecane (CAS) \$\$ n-Pentadecane	212	C15H32	000629-62-9	64
3			Hexadecane	226	C16H34	000544-76-3	59
4			Nonane, 5-butyl- \$\$ 5-Butylnonan...	184	C13H28	017312-63-9	59



Library Searched : C:\Database\wiley7n.1

Quality : 35

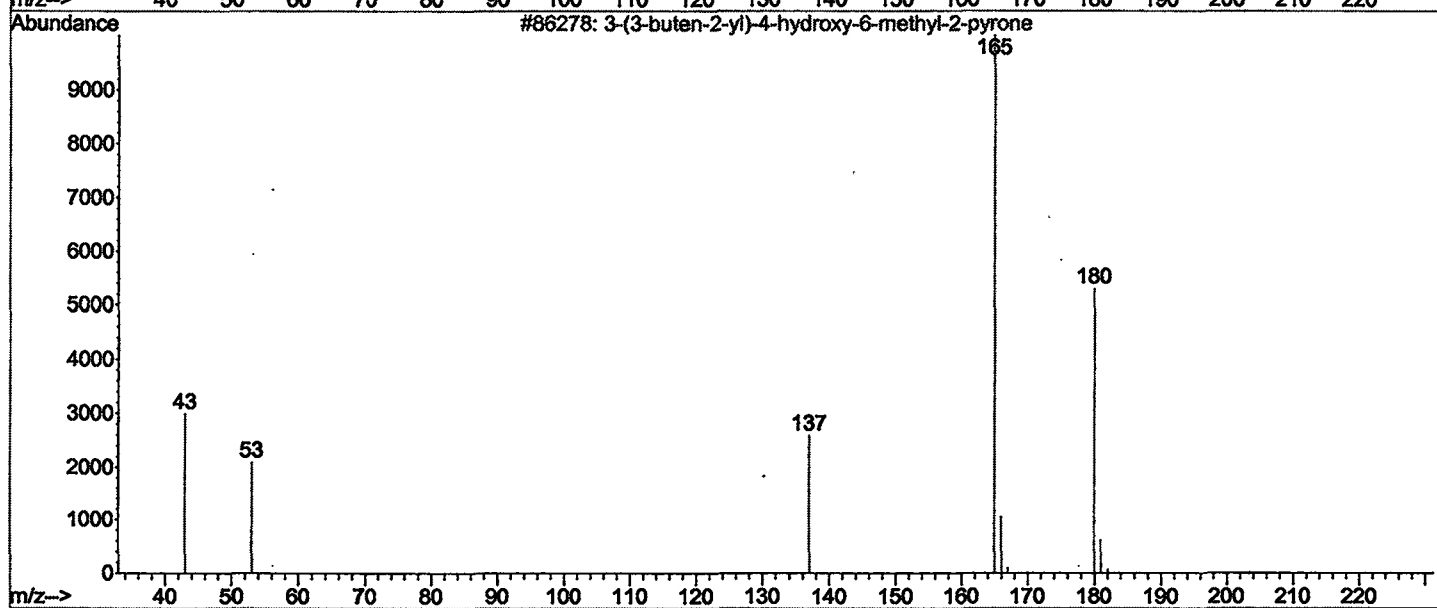
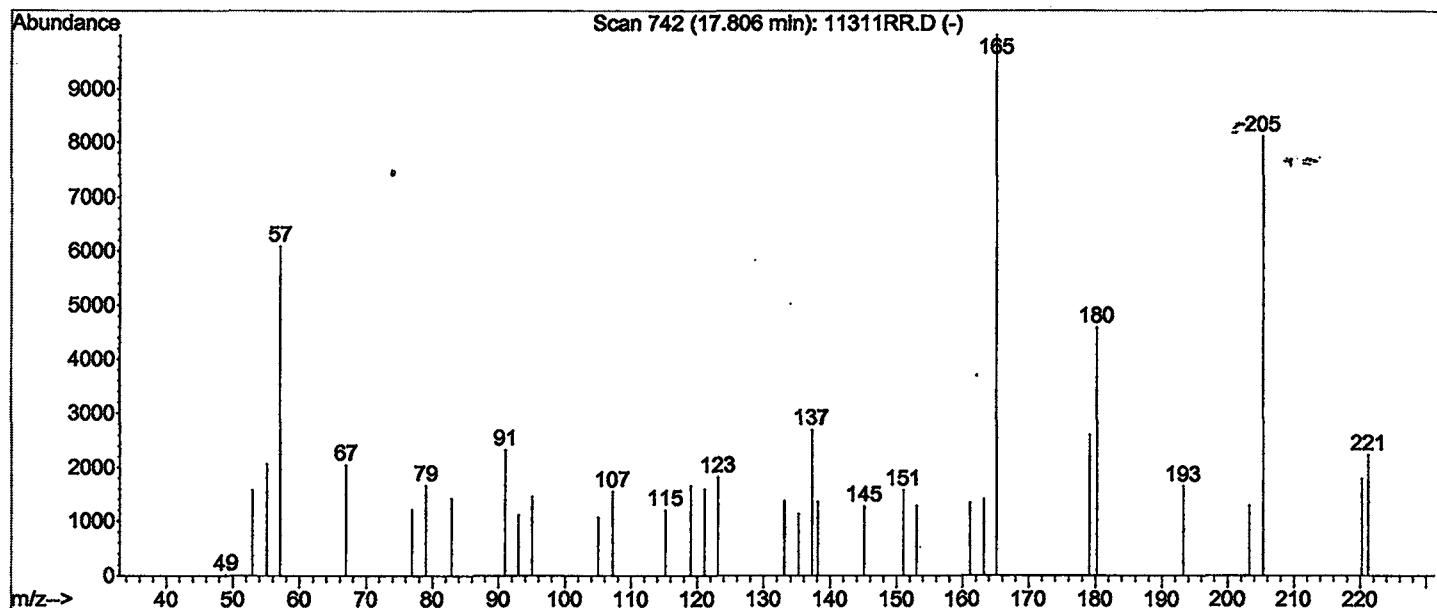
ID : Butylated Hydroxyanisole \$\$ Phenol, (1,1-dimethylethyl)-4-methoxy- \$\$
 Phenol, tert-butyl-4-methoxy- \$\$ tert-Butyl-p-Hydroxyanisole \$\$ tert-B
 utyl-4-Hydroxyanisole \$\$ tert-Butylhydroxyanisole \$\$ Antioxyne B \$\$ Bu
 tylhydroxyanisole \$\$ BHA \$\$ Embanox \$\$ Protex



Library Searched : C:\Database\wiley7n.1

Quality : 35

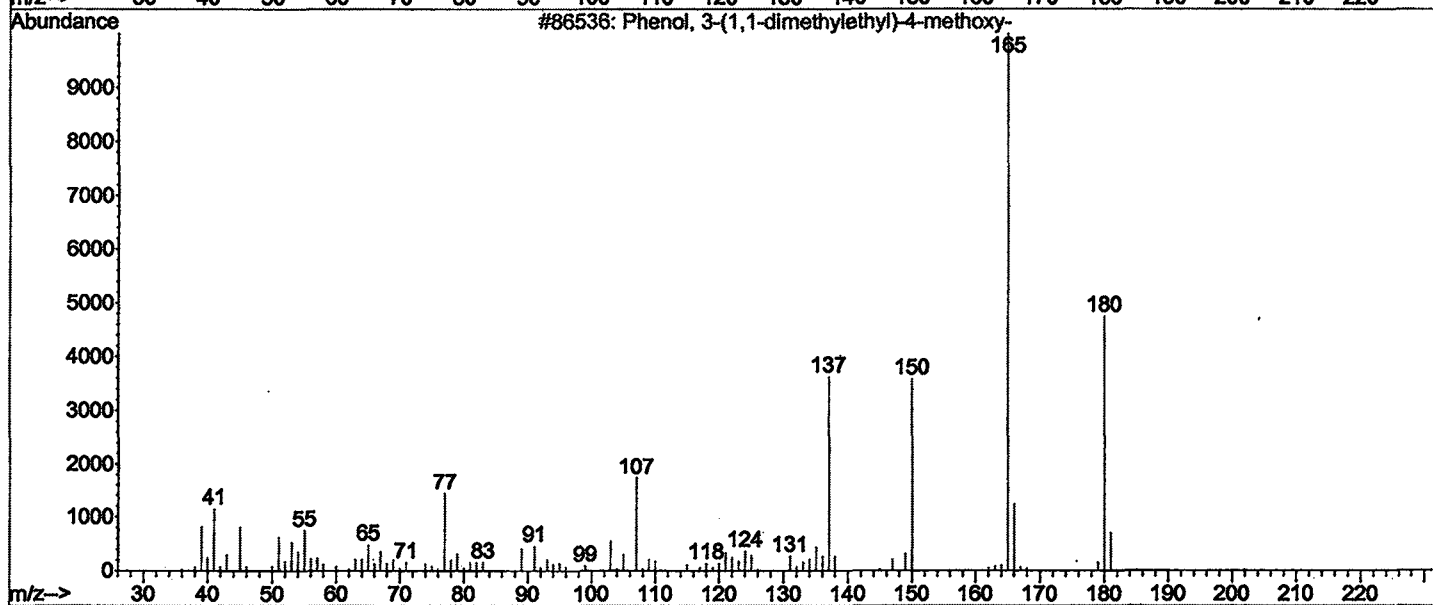
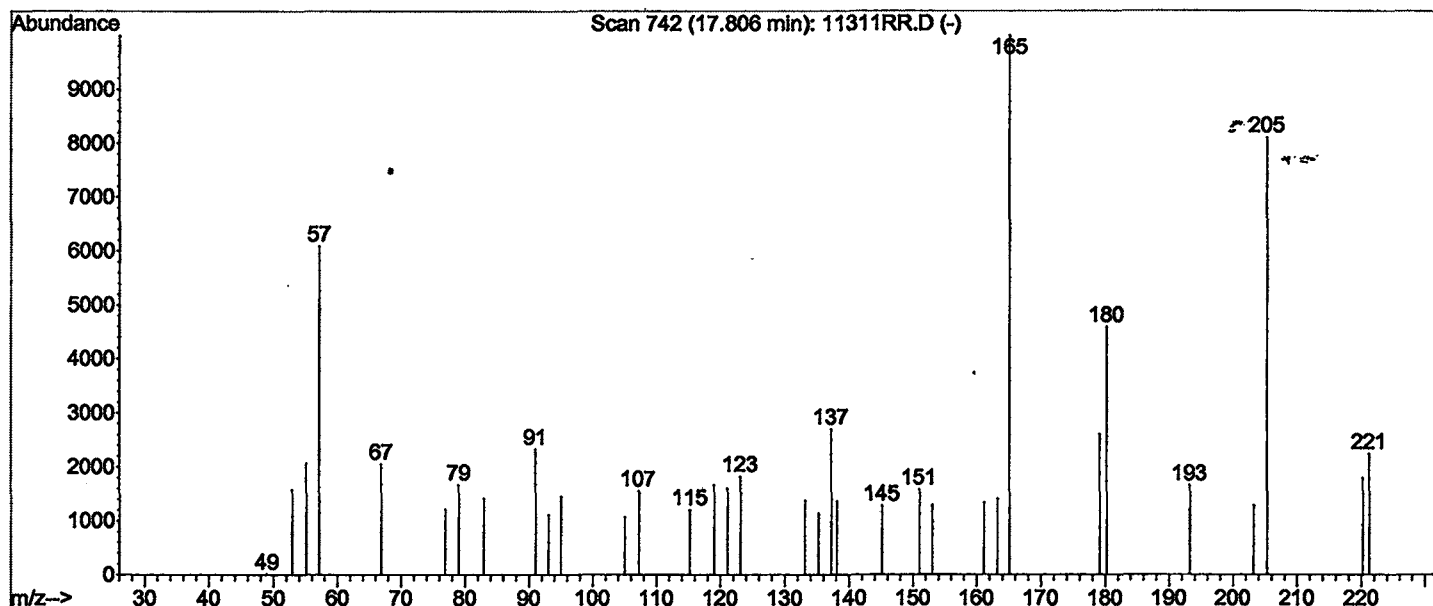
ID : 3-(3-buten-2-yl)-4-hydroxy-6-methyl-2-pyrone



Library Searched : C:\Database\wiley7n.1

Quality : 35

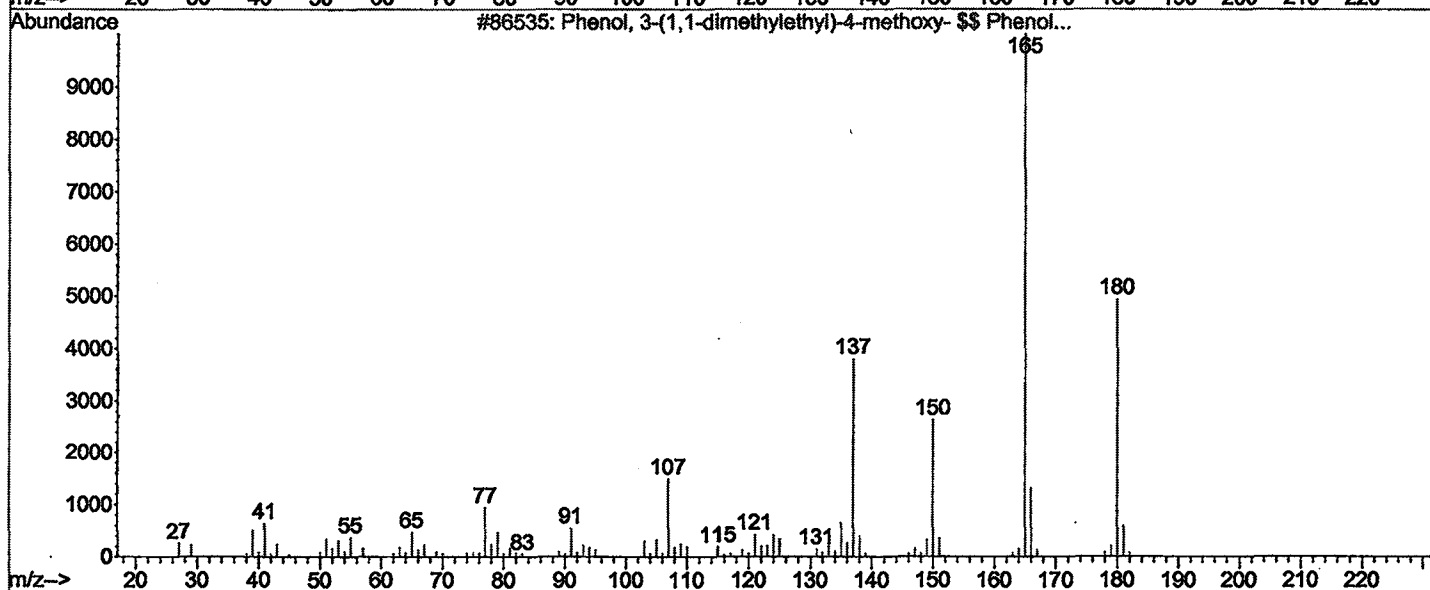
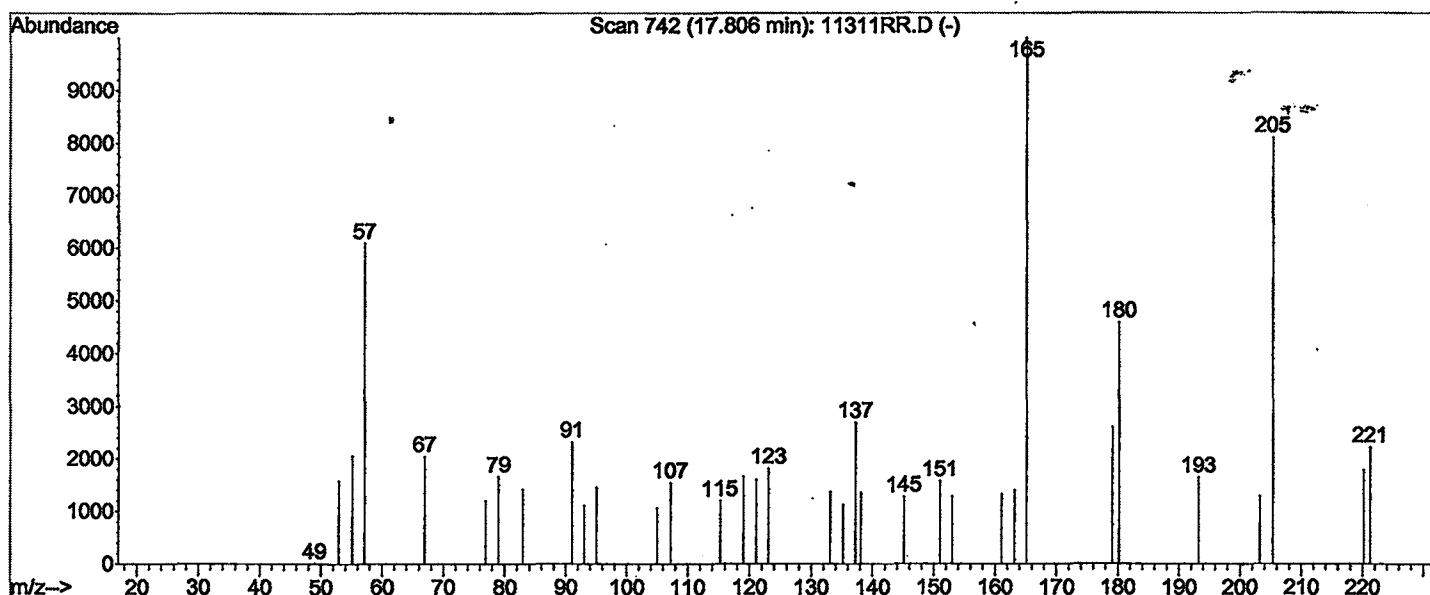
ID : Phenol, 3-(1,1-dimethylethyl)-4-methoxy-



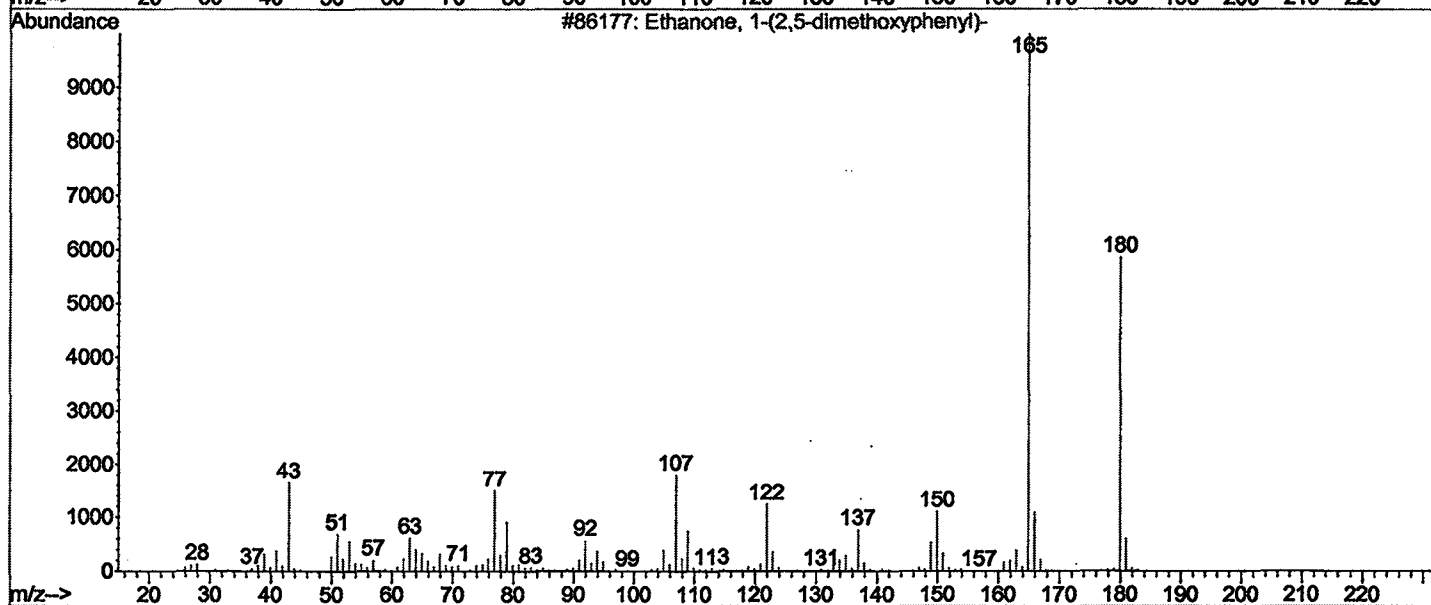
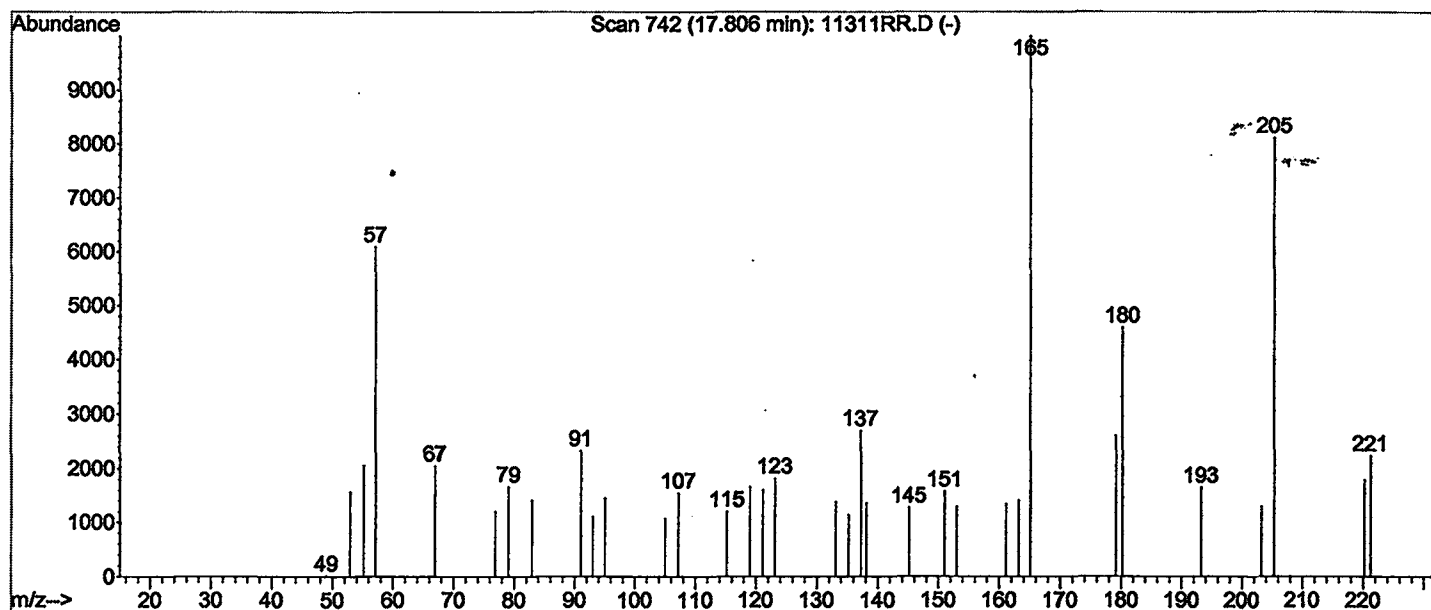
Library Searched : C:\Database\wiley7n.1

Quality : 35

ID : Phenol, 3-(1,1-dimethylethyl)-4-methoxy- \$\$ Phenol, 3-tert-butyl-4-methoxy- \$\$ 3-tert-Bha \$\$ 3-tert-Butylated hydroxyanisole \$\$ 3-tert-Butyl-4-methoxyphenol



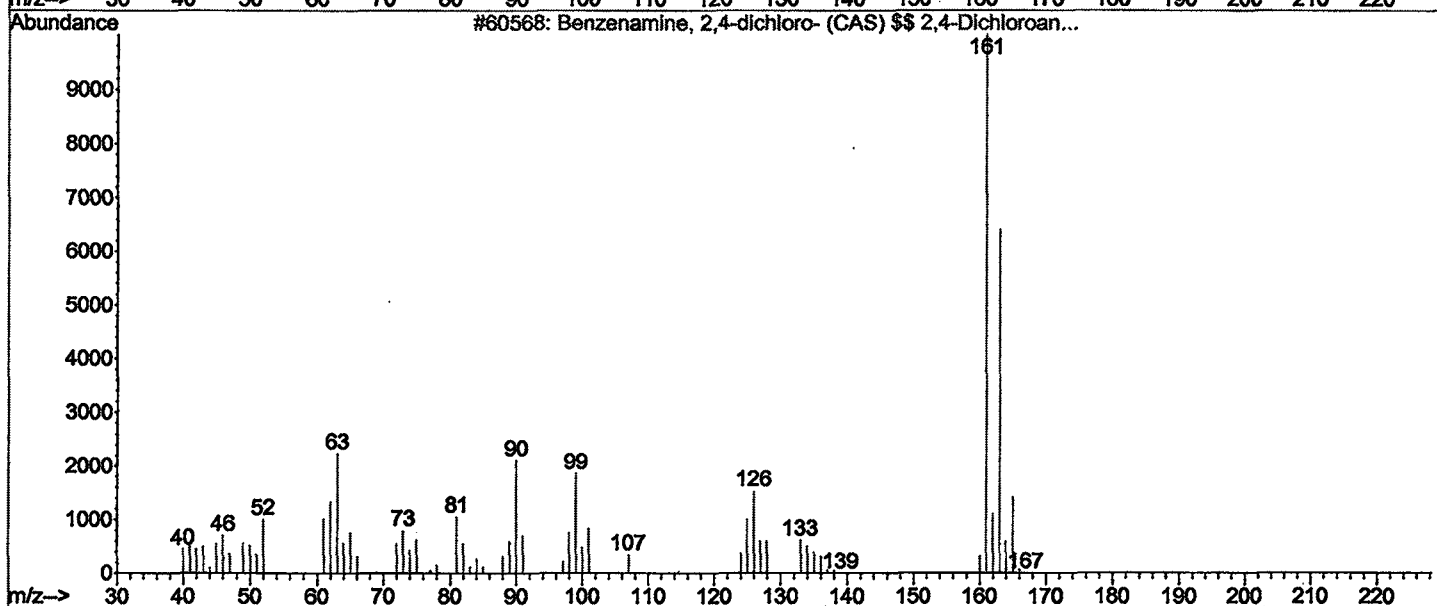
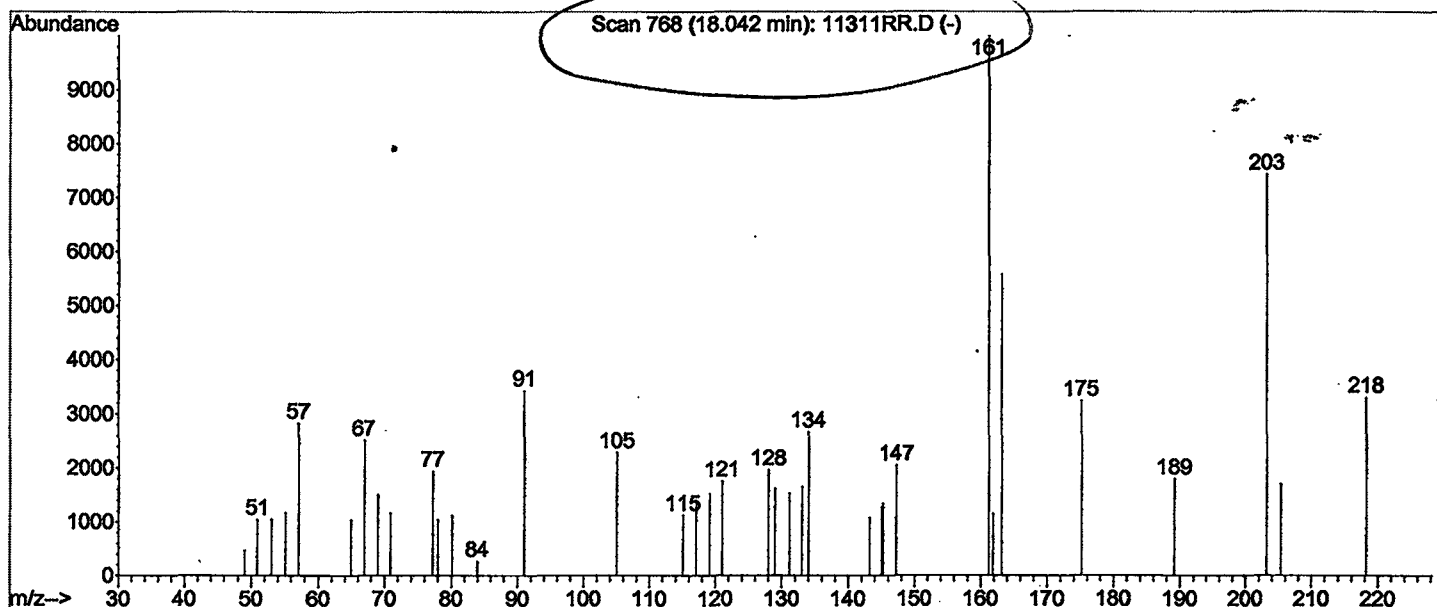
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 Quality : 30
 ID : Ethanone, 1-(2,5-dimethoxyphenyl) -



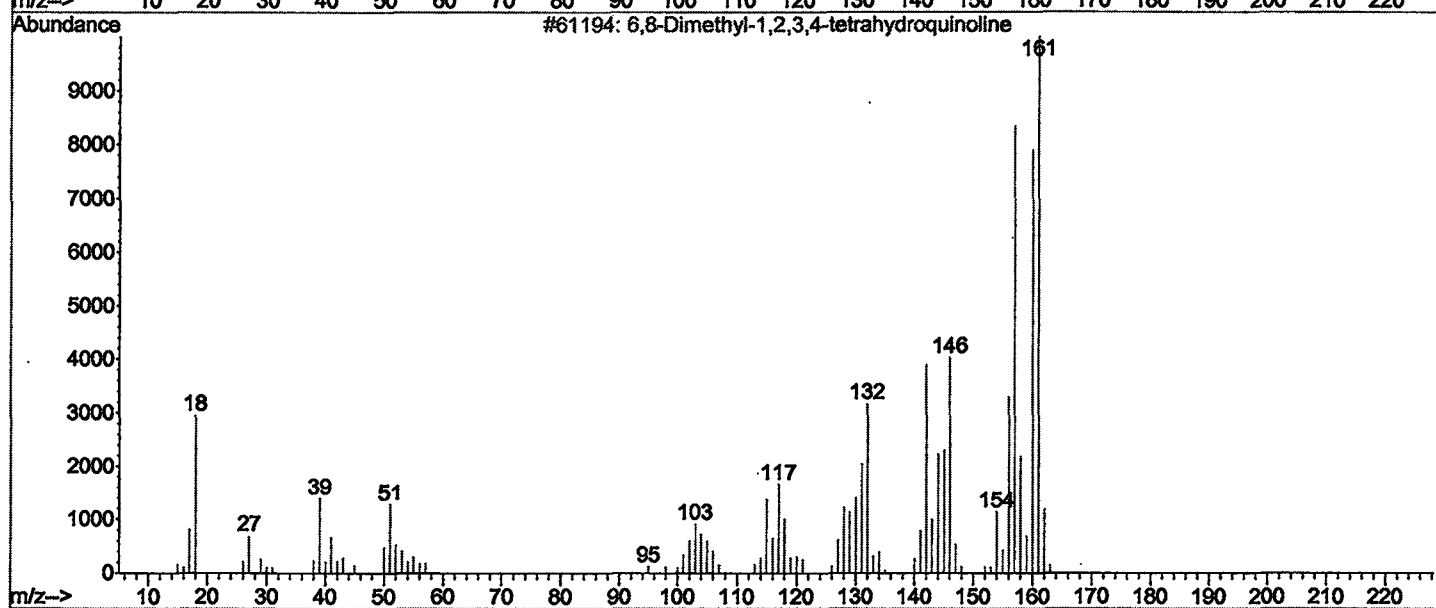
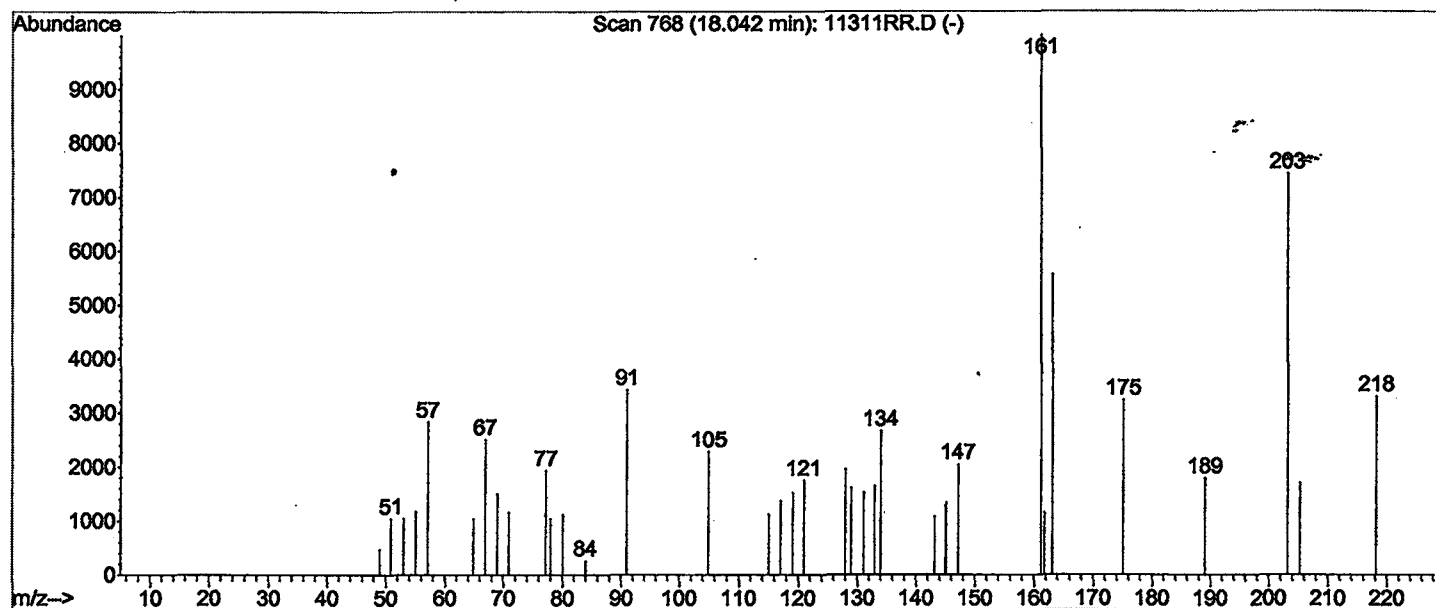
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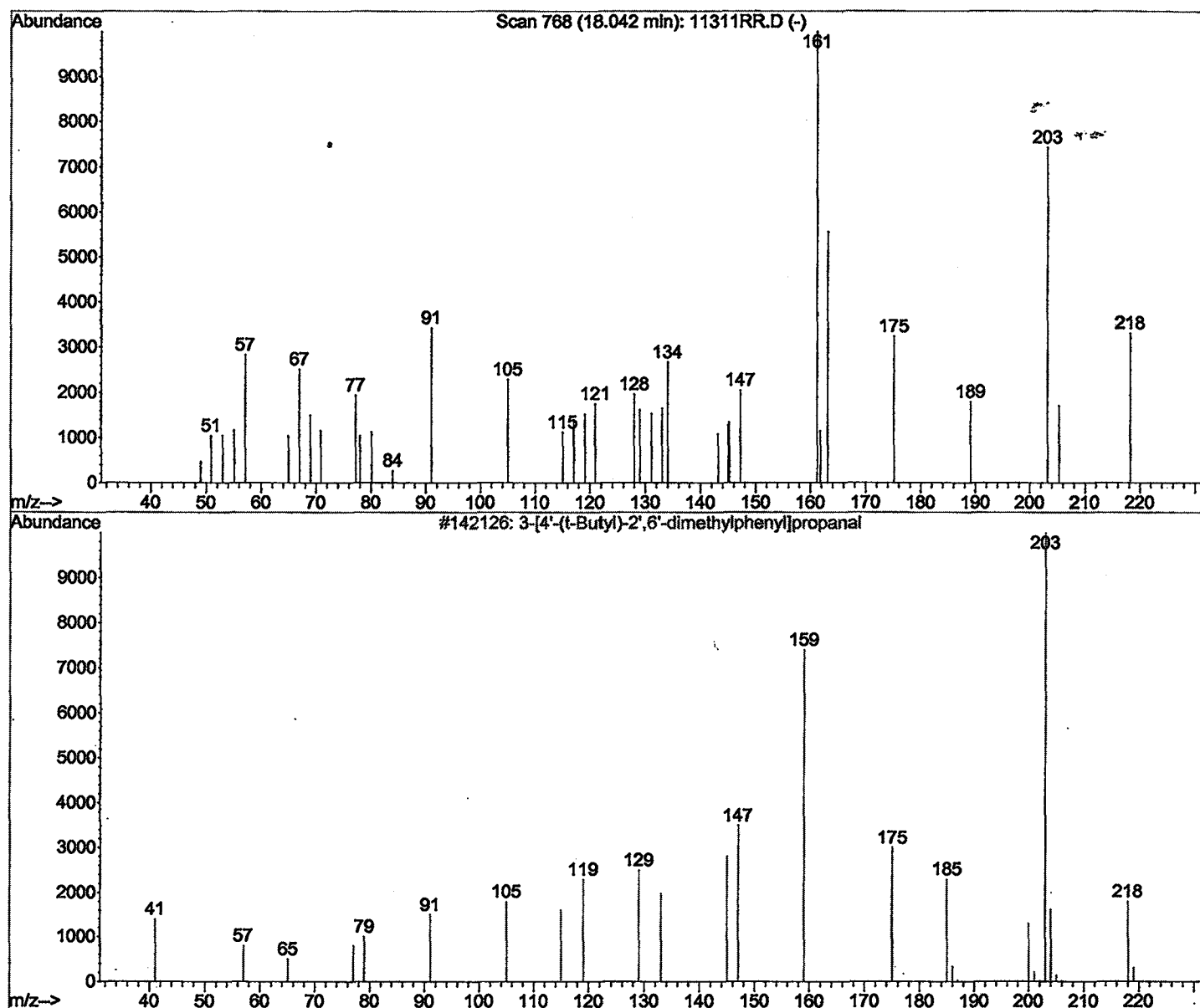
ID : Benzenamine, 2,4-dichloro- (CAS) \$\$ 2,4-Dichloroaniline \$\$ Aniline, 2,4-dichloro- \$\$ 2,4-Dichloranilin



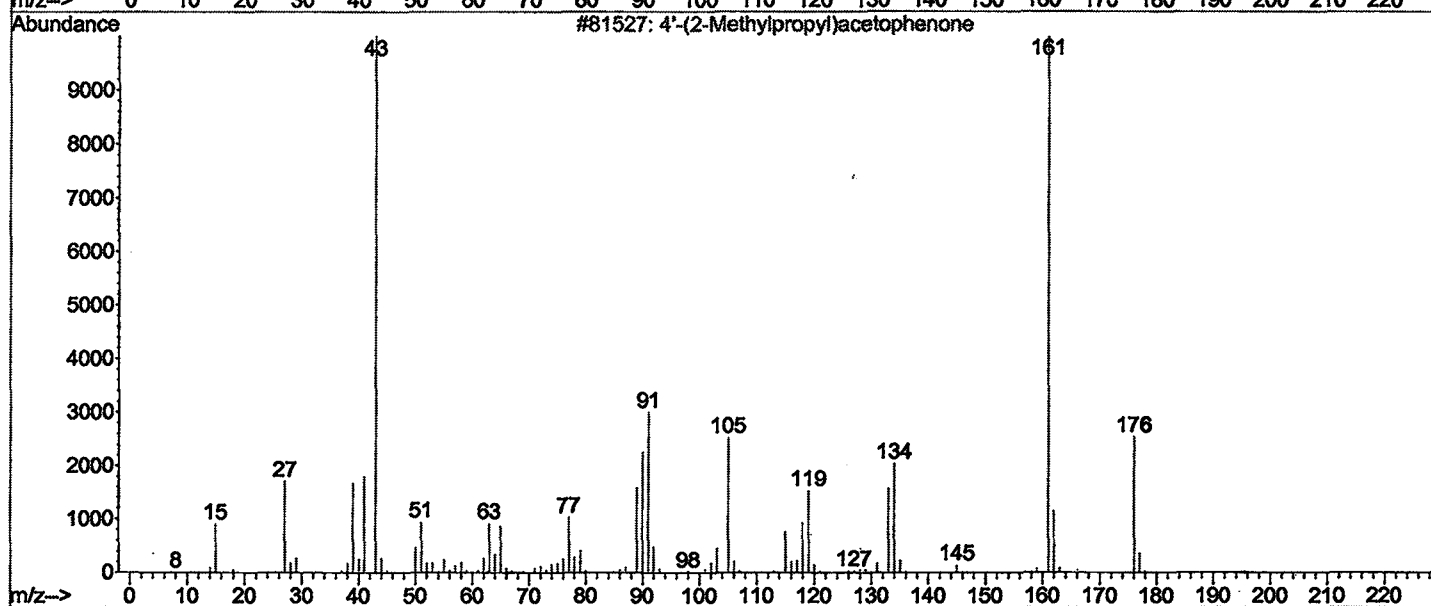
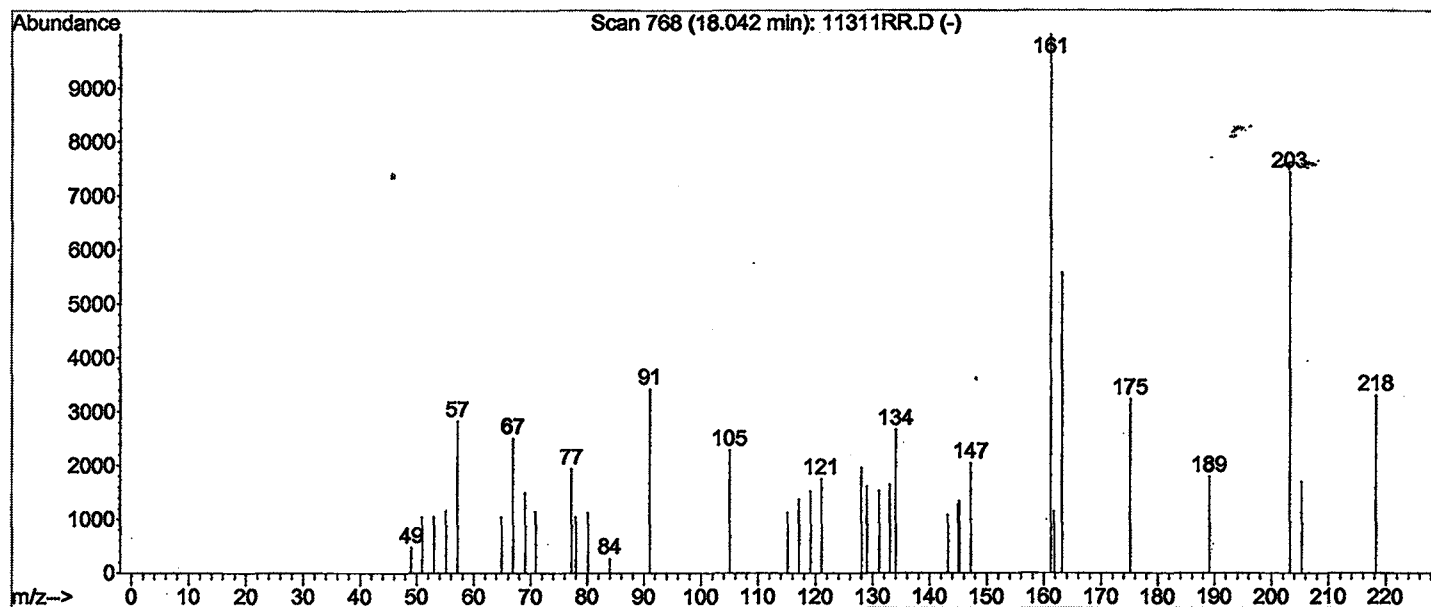
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 Quality : 18
 ID : 6,8-Dimethyl-1,2,3,4-tetrahydroquinoline



Library Searched : C:\Database\wiley7n.1
 Quality : 16
 ID : 3-[4'-(t-Butyl)-2',6'-dimethylphenyl]propanal



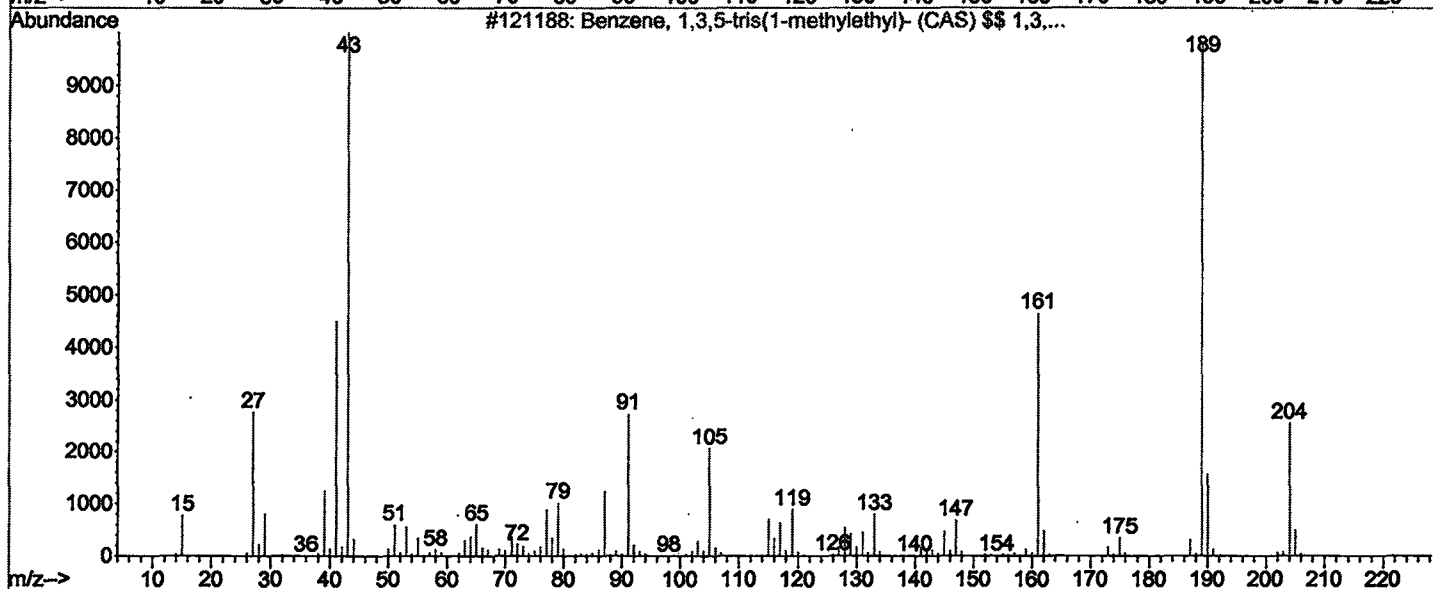
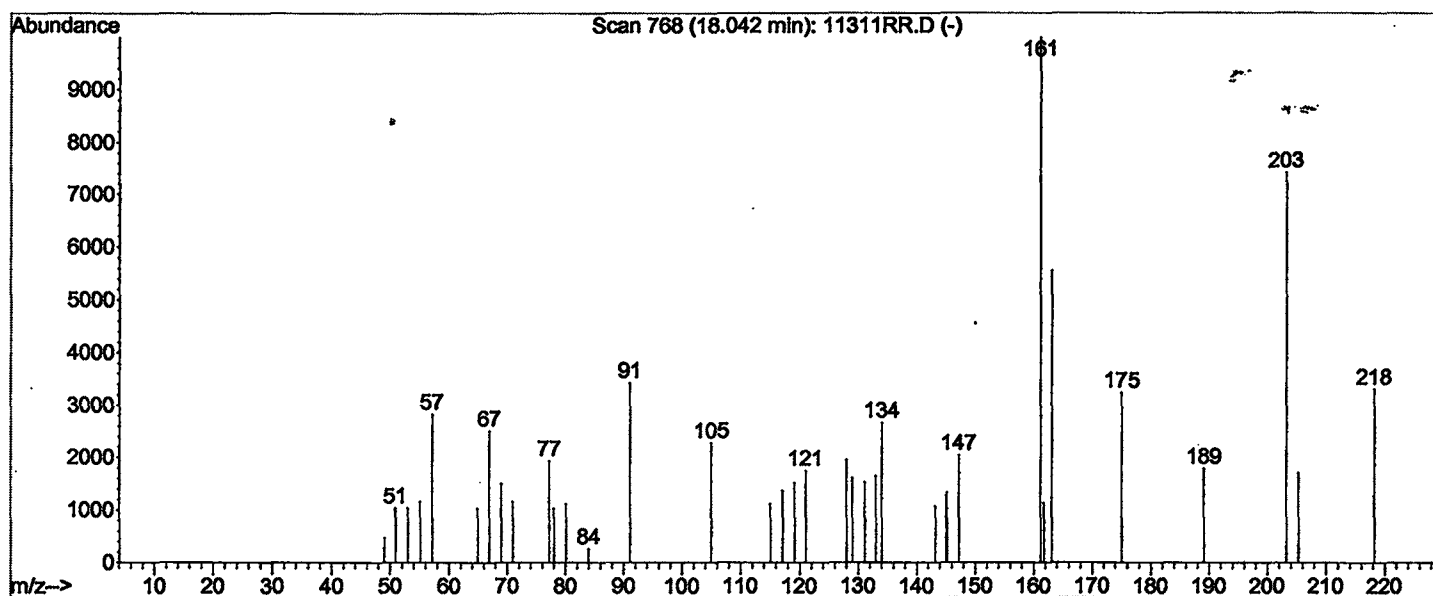
Library Searched : C:\Database\wiley7n.1
 Quality : 14
 ID : 4'-(2-Methylpropyl)acetophenone



Library Searched : C:\Database\wiley7n.1

Quality : 12

ID : Benzene, 1,3,5-tris(1-methylethyl)- (CAS) \$\$ 1,3,5-Triisopropylbenzene
 \$\$ 2,4,6-Triisopropylbenzene \$\$ Benzene, 1,3,5-triisopropyl- \$\$ 1,3,5-
 -Trisopropylbenzene



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Acq On : 29 May 2002 2:39 pm

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Bohlk / Inst 213

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

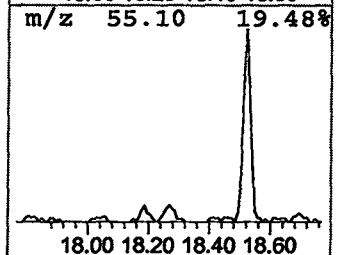
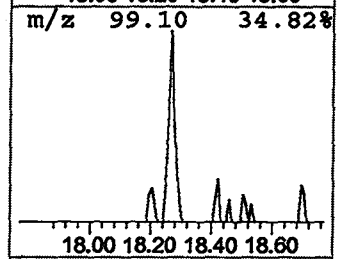
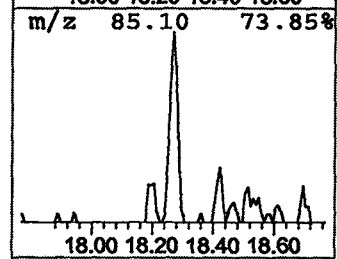
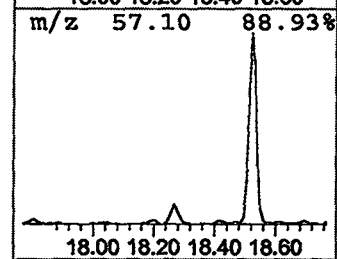
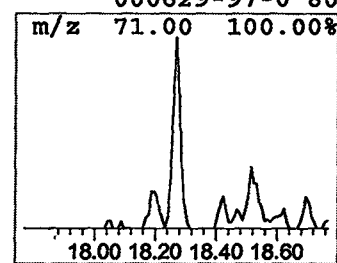
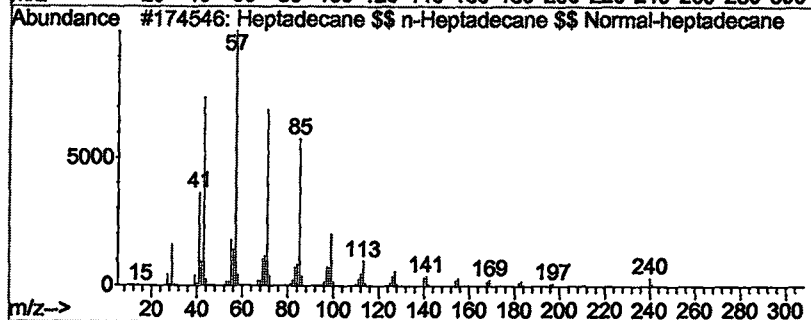
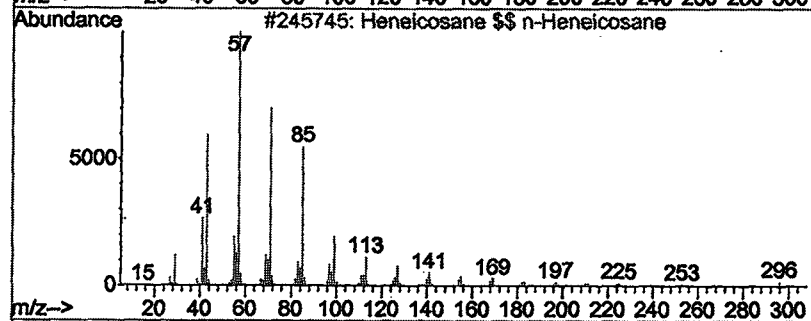
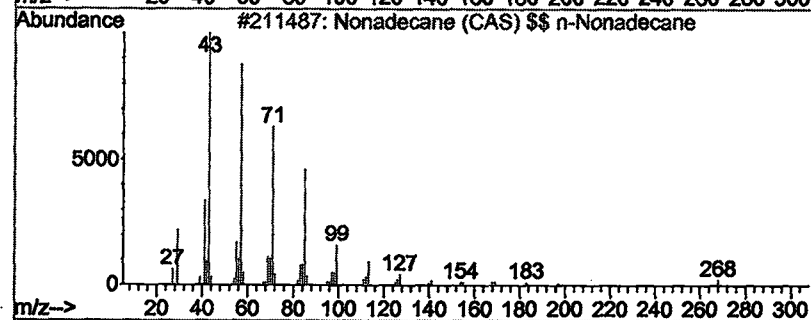
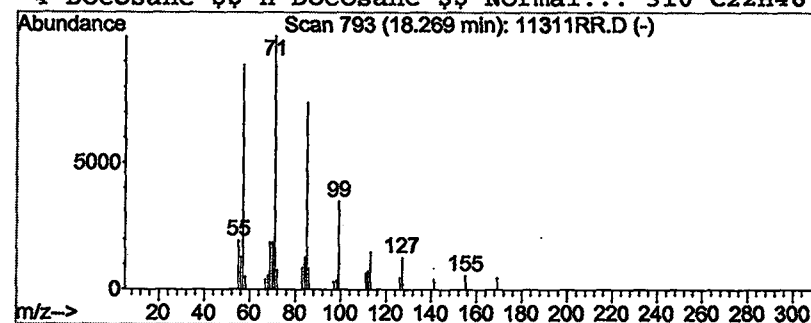
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 5 Nonadecane (CAS) \$\$ n-Nonad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	0.10 ug/L	141637	Acenaphthene-d10	18.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane (CAS) \$\$ n-Nonadecane	268	C19H40	000629-92-5	80
2			Heneicosane \$\$ n-Heneicosane	296	C21H44	000629-94-7	80
3			Heptadecane \$\$ n-Heptadecane \$\$...	240	C17H36	000629-78-7	80
4			Docosane \$\$ n-Docosane \$\$ Normal...	310	C22H46	000629-97-0	80



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D
Acq On : 29 May 2002 2:39 pm
Sample : SAMPLE 11311 RE-EXTD 5/23/02
Misc :
MS Integration Params: LSCINT.P

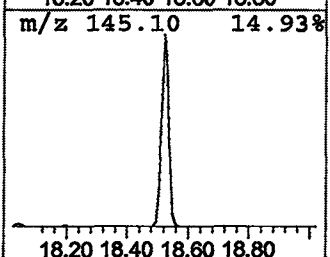
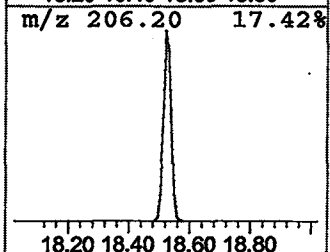
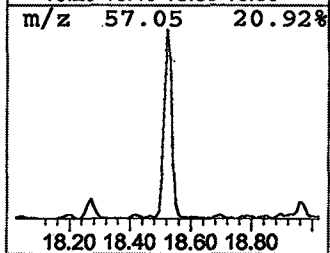
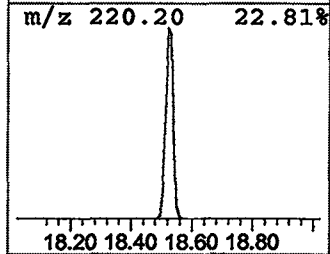
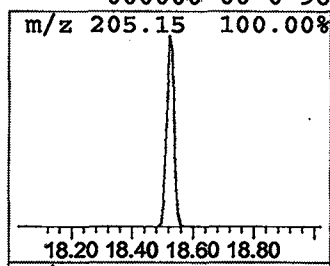
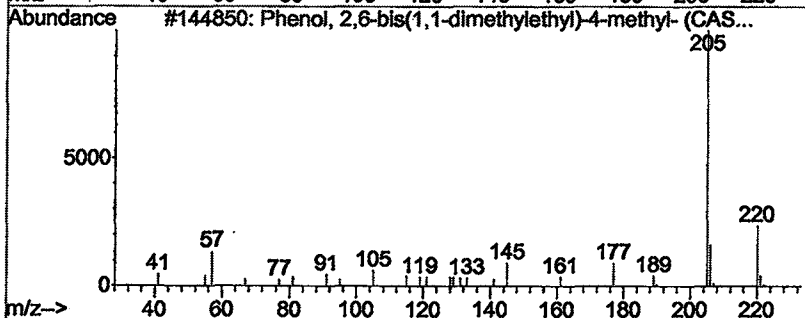
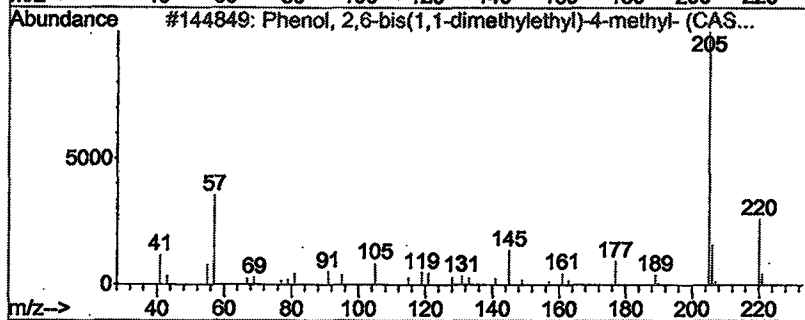
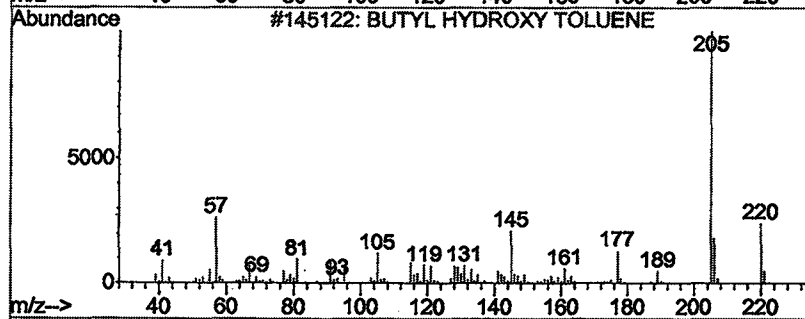
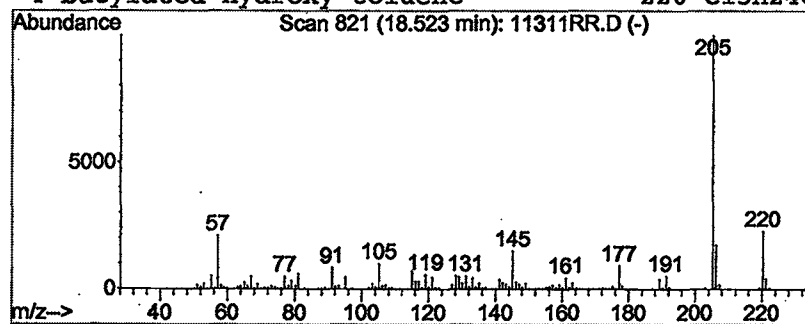
Vial: 16
Operator: Bohlk / Inst 213
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

Peak Number 6 BUTYL HYDROXY TOLUENE Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.99 ug/L	4330680	Acenaphthene-d10	18.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	BUTYL HYDROXY TOLUENE	220	C15H24O	000128-37-0	99
2	Phenol, 2,6-bis(1,1-dimethylethy...	220	C15H24O	000128-37-0	98
3	Phenol, 2,6-bis(1,1-dimethylethy...	220	C15H24O	000128-37-0	98
4	butylated hydroxy toluene	220	C15H24O	000000-00-0	98



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

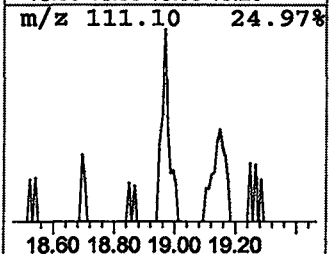
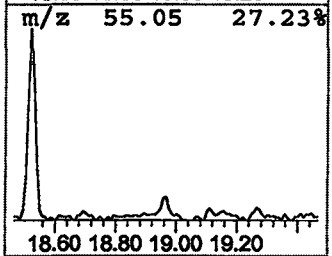
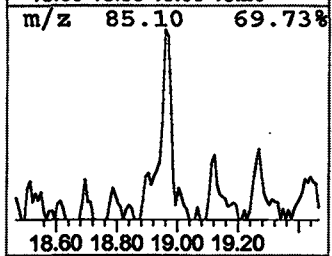
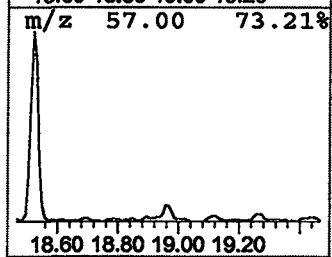
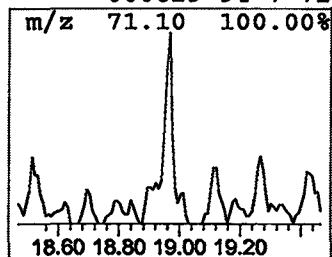
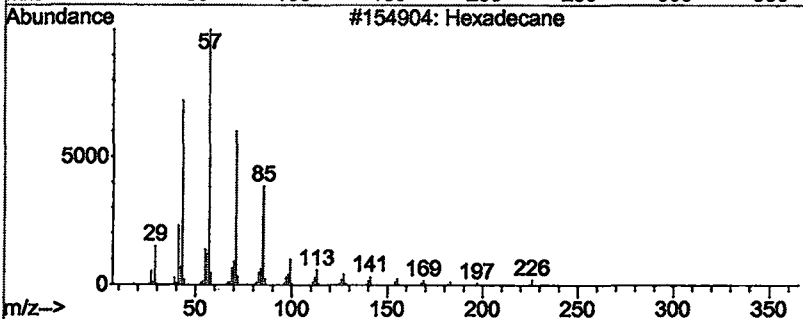
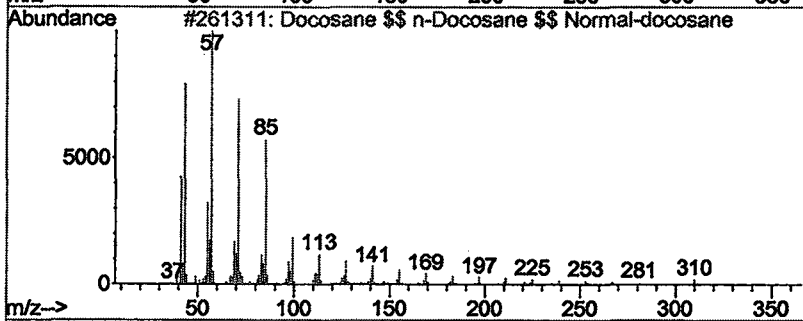
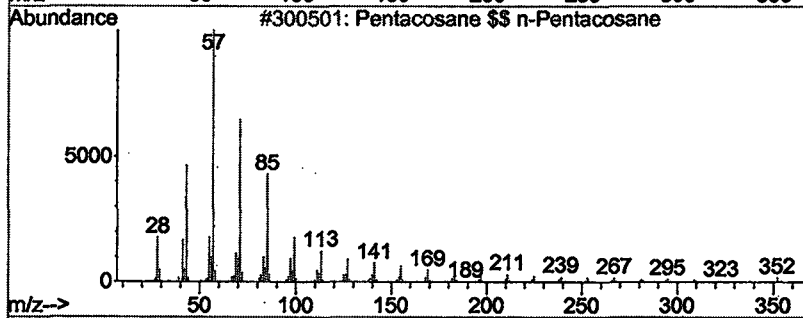
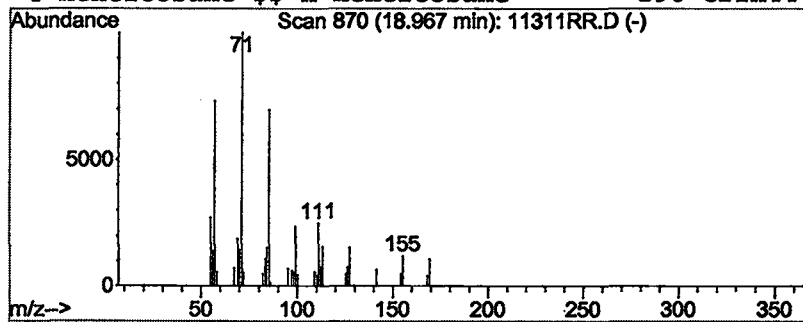
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 7 Pentacosane \$\$ n-Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	0.08 ug/L	118944	Acenaphthene-d10	18.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	\$\$ n-Pentacosane	352	C25H52	000629-99-2	80
2	Docosane	\$\$ n-Docosane	310	C22H46	000629-97-0	80
3	Hexadecane		226	C16H34	000544-76-3	72
4	Heneicosane	\$\$ n-Heneicosane	296	C21H44	000629-94-7	72



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

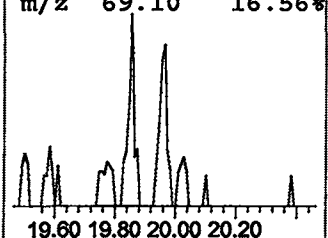
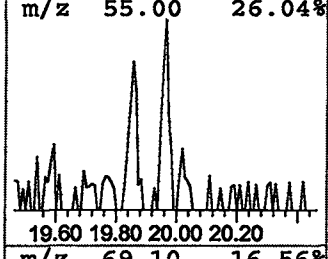
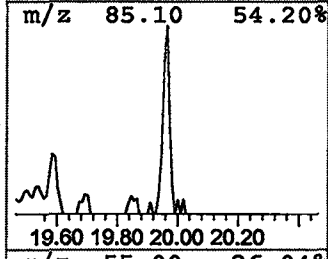
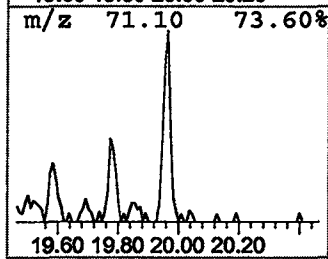
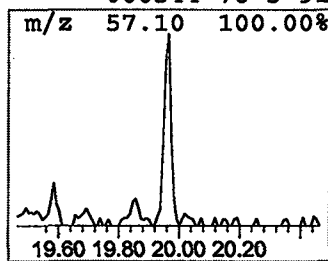
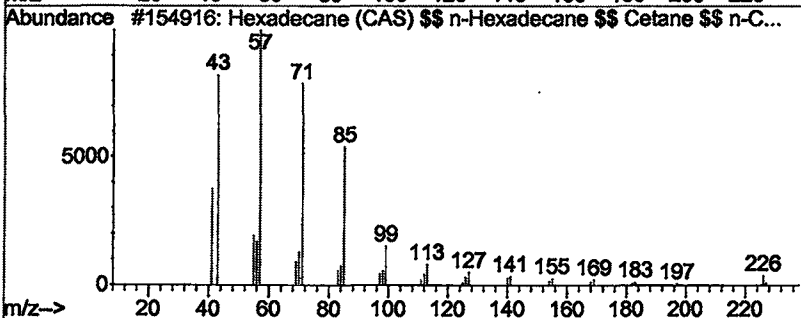
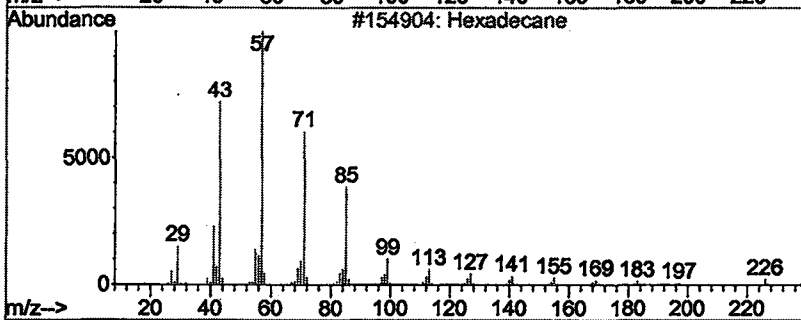
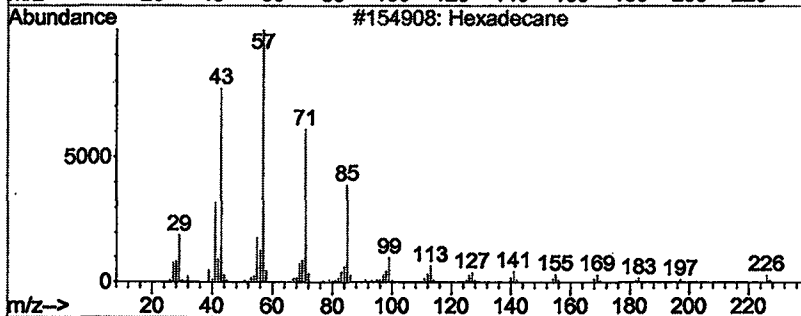
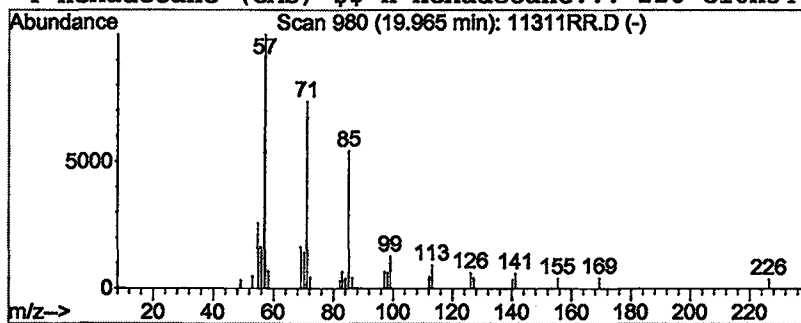
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	0.08 ug/L	114038	Acenaphthene-d10	18.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane (CAS) \$\$ n-Hexadecane...	226	C16H34	000544-76-3	93
4			Hexadecane (CAS) \$\$ n-Hexadecane...	226	C16H34	000544-76-3	91



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Acq On : 29 May 2002 2:39 pm

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Bohlk / Inst 213

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

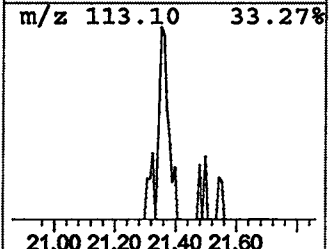
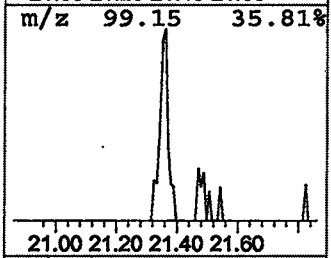
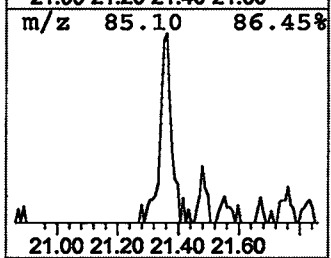
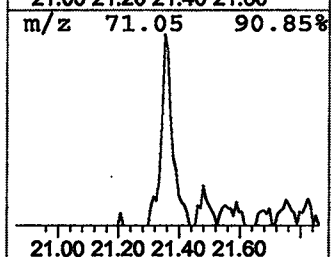
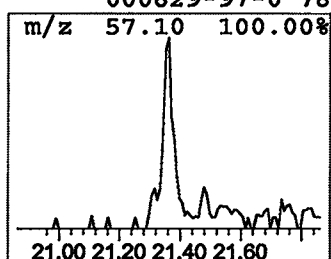
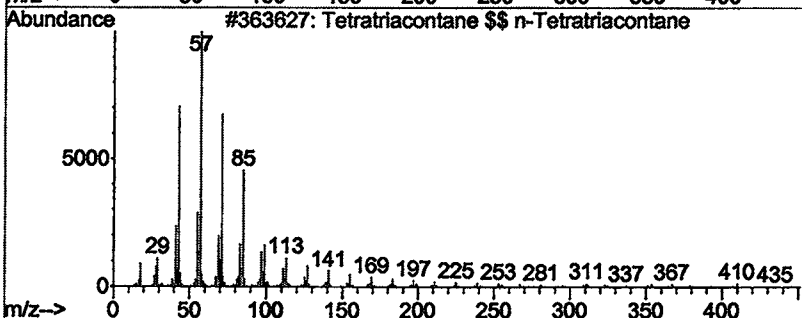
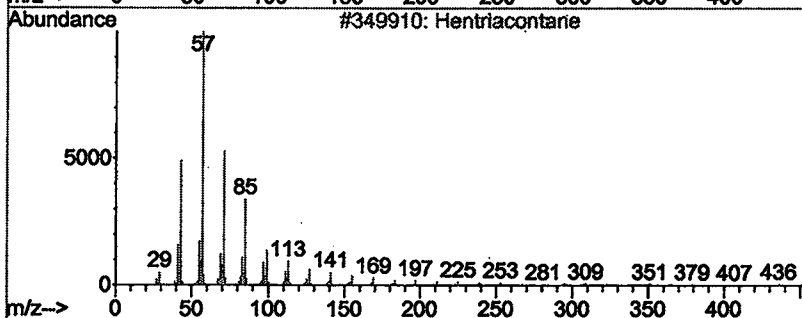
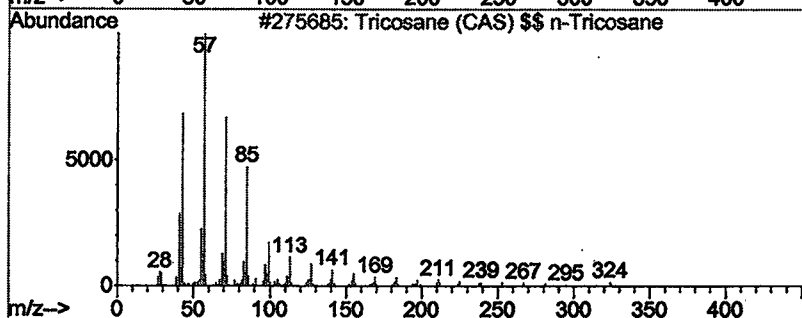
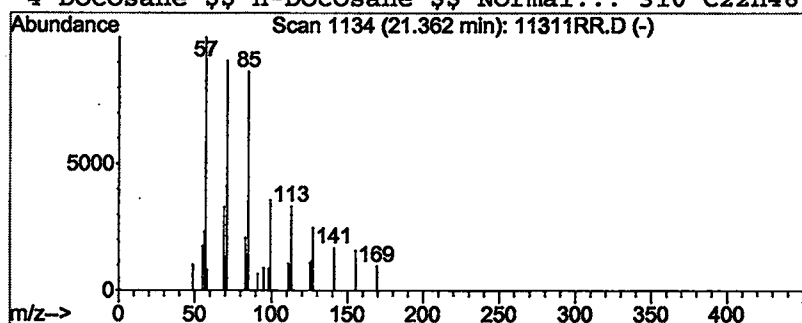
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 9 Tricosane (CAS) \$\$ n-Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	0.08 ug/L	120762	Phenanthrene d-10	22.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane (CAS) \$\$ n-Tricosane	324	C23H48	000638-67-5	86
2			Hentriacontane	437	C31H64	000630-04-6	78
3			Tetratriacontane \$\$ n-Tetratriac...	479	C34H70	014167-59-0	78
4			Docosane \$\$ n-Docosane \$\$ Normal...	310	C22H46	000629-97-0	78



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D
 Acq On : 29 May 2002 2:39 pm
 Sample : SAMPLE 11311 RE-EXTD 5/23/02
 Misc :
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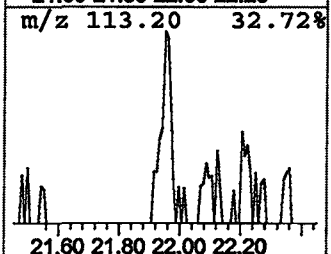
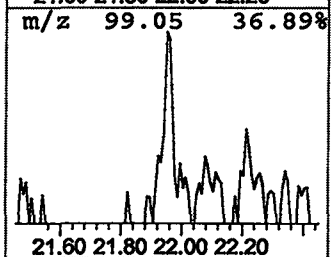
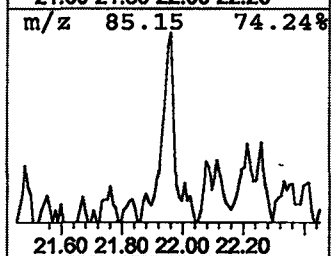
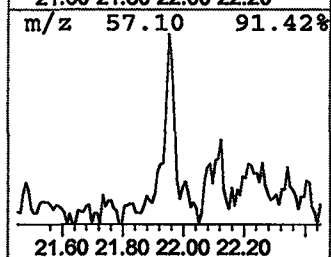
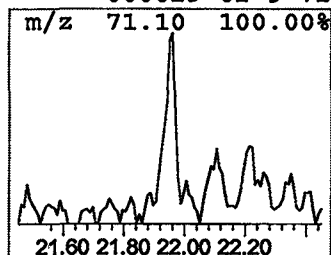
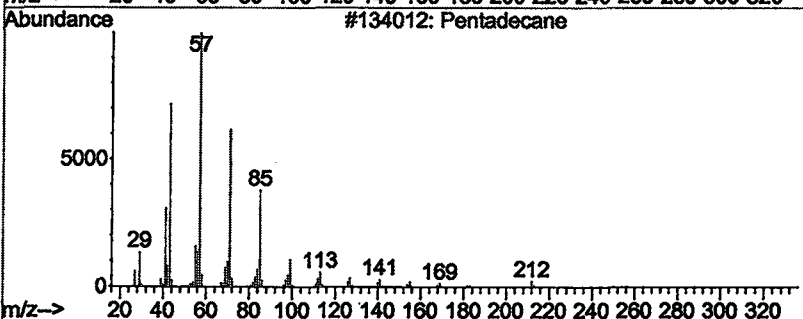
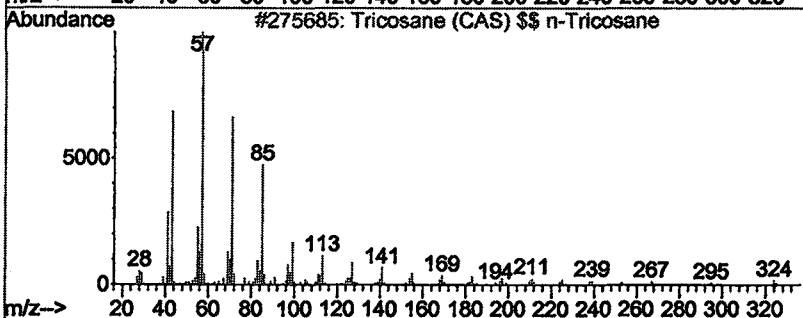
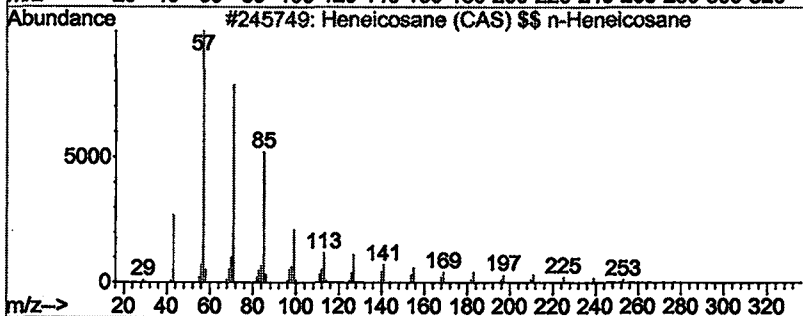
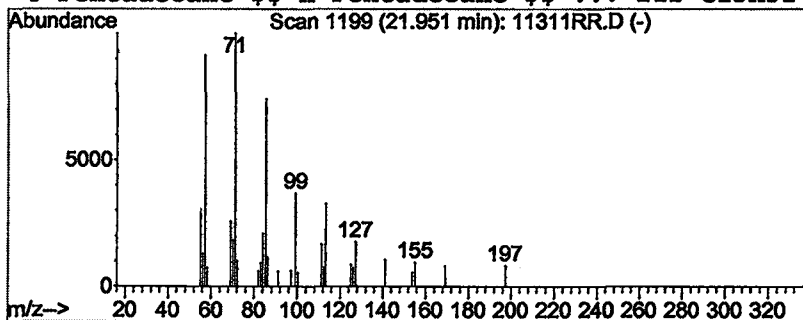
Vial: 16
 Operator: Bohlk / Inst 213
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
 Title : Quantitation For Method 525.2
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 10 Heneicosane (CAS) \$\$ n-Hene... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	0.08 ug/L	122351	Phenanthrene d-10	22.51

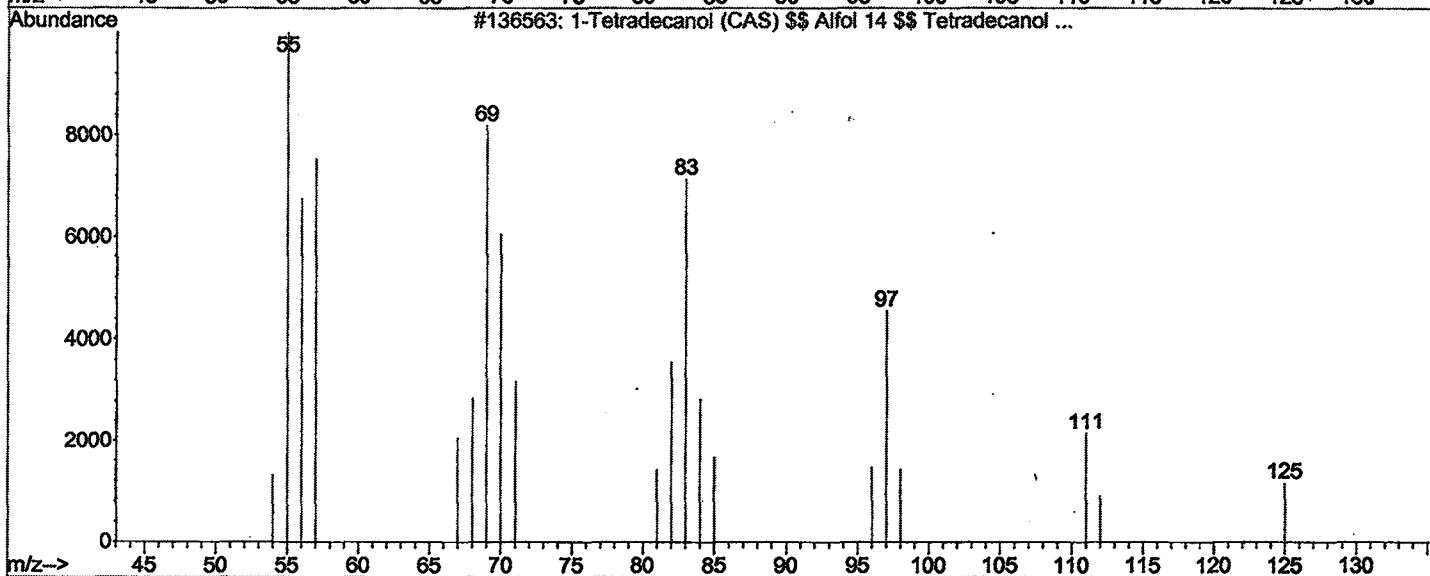
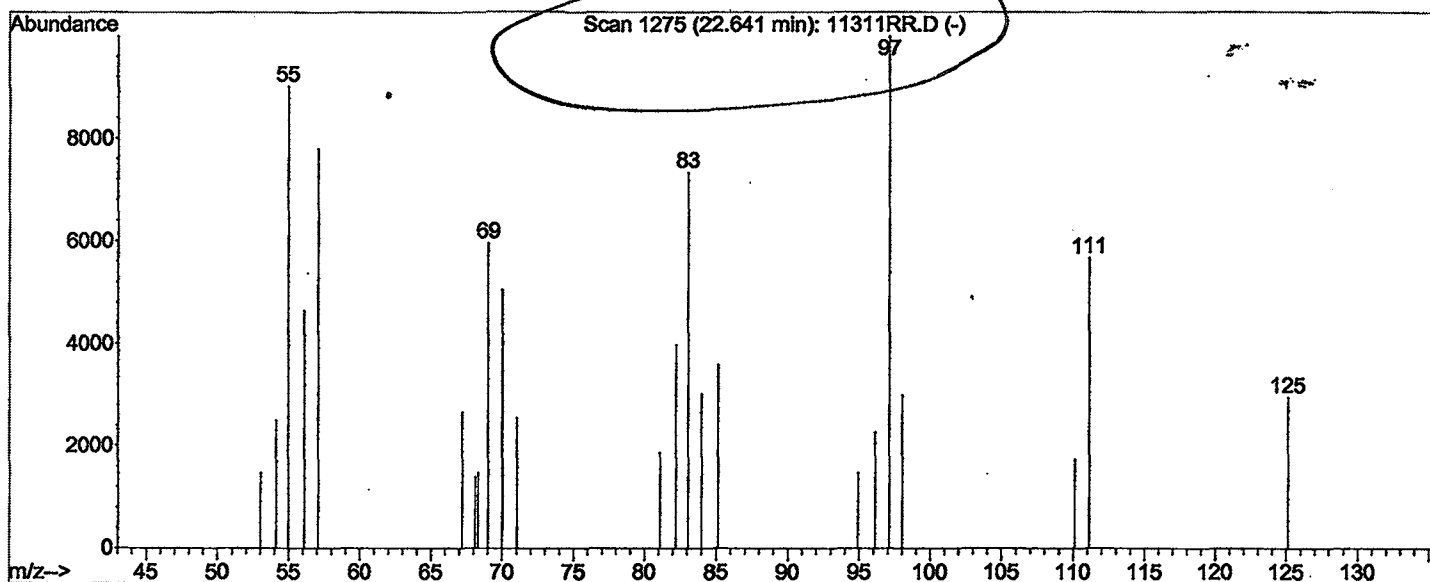
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane (CAS) \$\$ n-Heneicosane	296	C ₂₁ H ₄₄	000629-94-7	72
2	Tricosane (CAS) \$\$ n-Tricosane	324	C ₂₃ H ₄₈	000638-67-5	72
3	Pentadecane	212	C ₁₅ H ₃₂	000629-62-9	72
4	Pentadecane \$\$ n-Pentadecane \$\$...	212	C ₁₅ H ₃₂	000629-62-9	72



Library Searched : C:\Database\wiley7n.1

Quality : 47

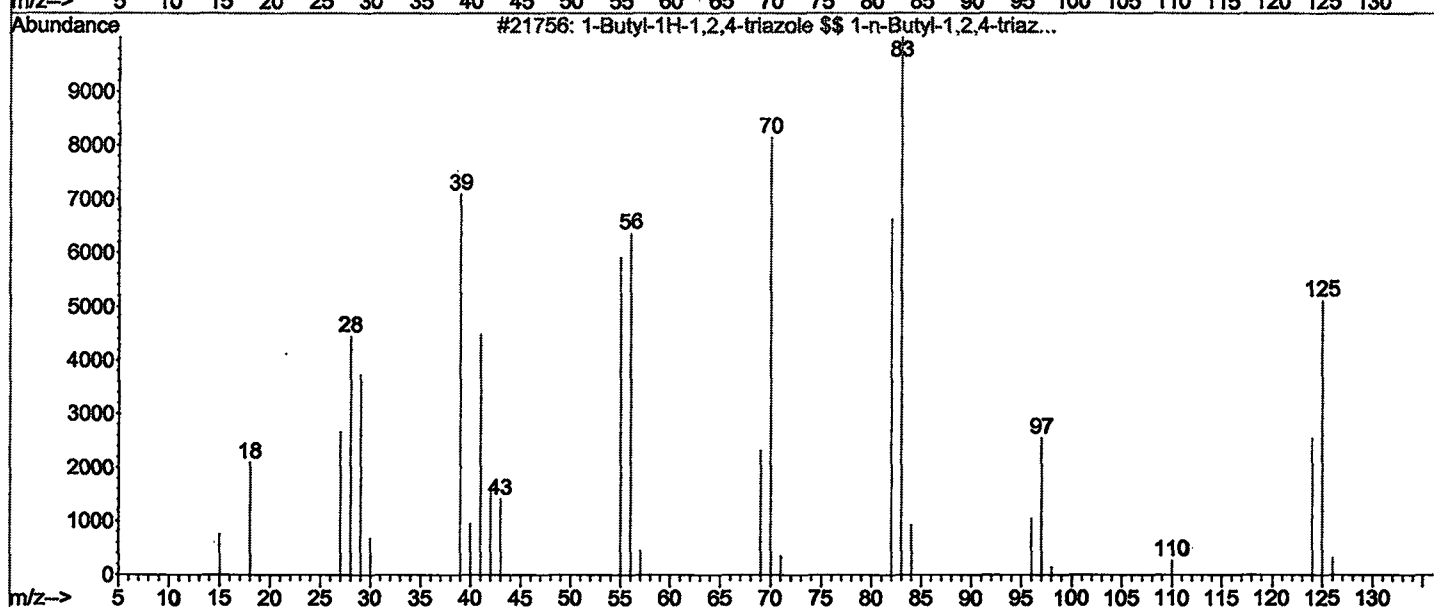
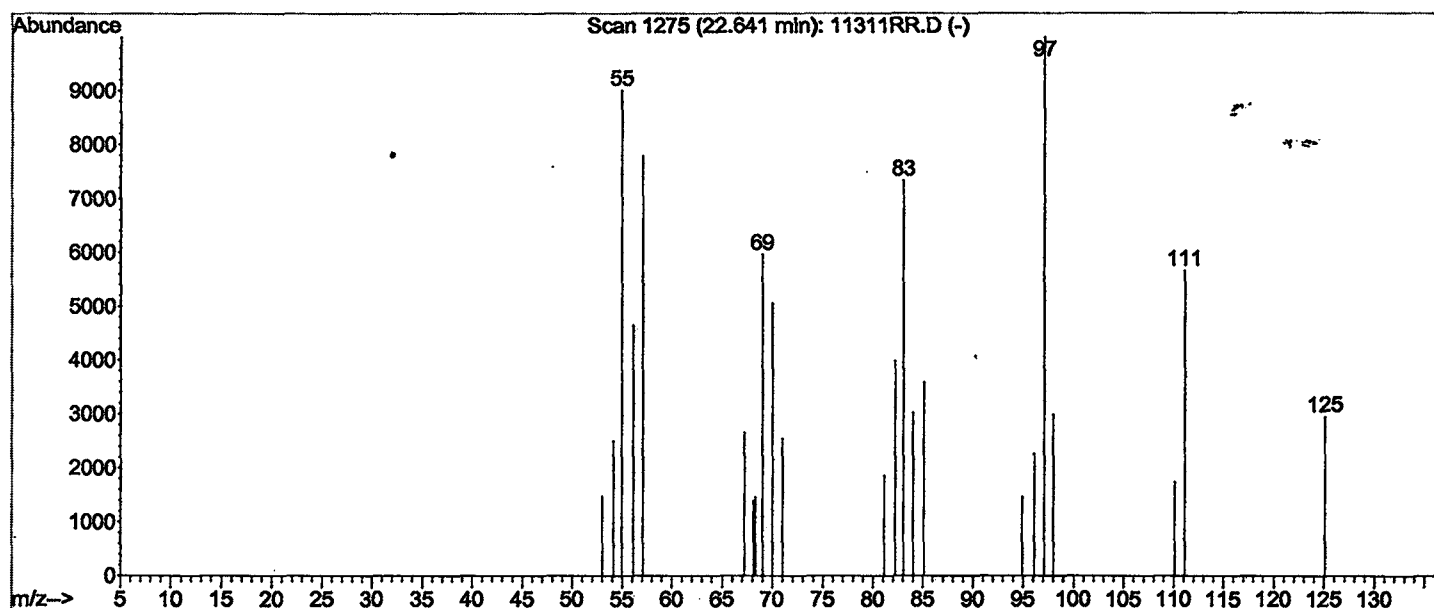
ID : 1-Tetradecanol (CAS) \$\$ Alfol 14 \$\$ Tetradecanol \$\$ Loxanol V \$\$ Lanette K \$\$ Lanette Wax KS \$\$ n-Tetradecanol \$\$ Myristic alcohol \$\$ Myristyl alcohol \$\$ n-Tetradecan-1-ol \$\$ Tetradecyl alcohol \$\$ n-Tetradecyl alcohol \$\$ Lanette Waxd sub 1 ~~\$\$ n-Tetradecan~~



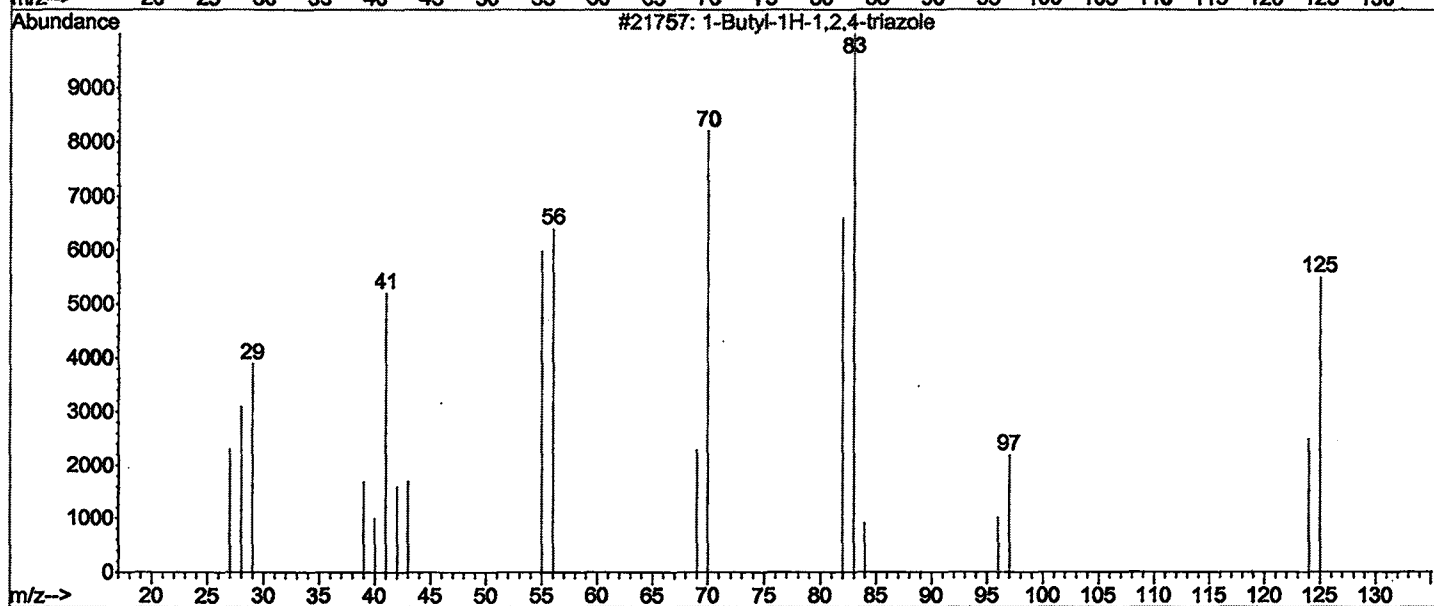
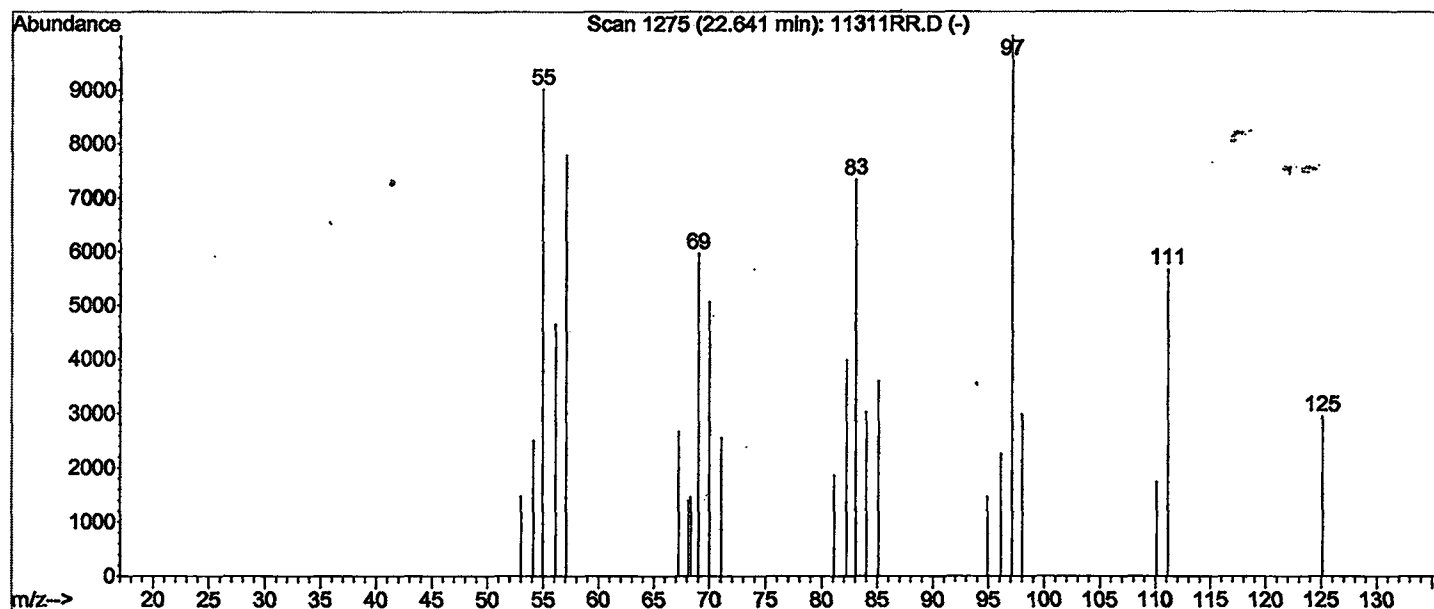
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Quality : 43

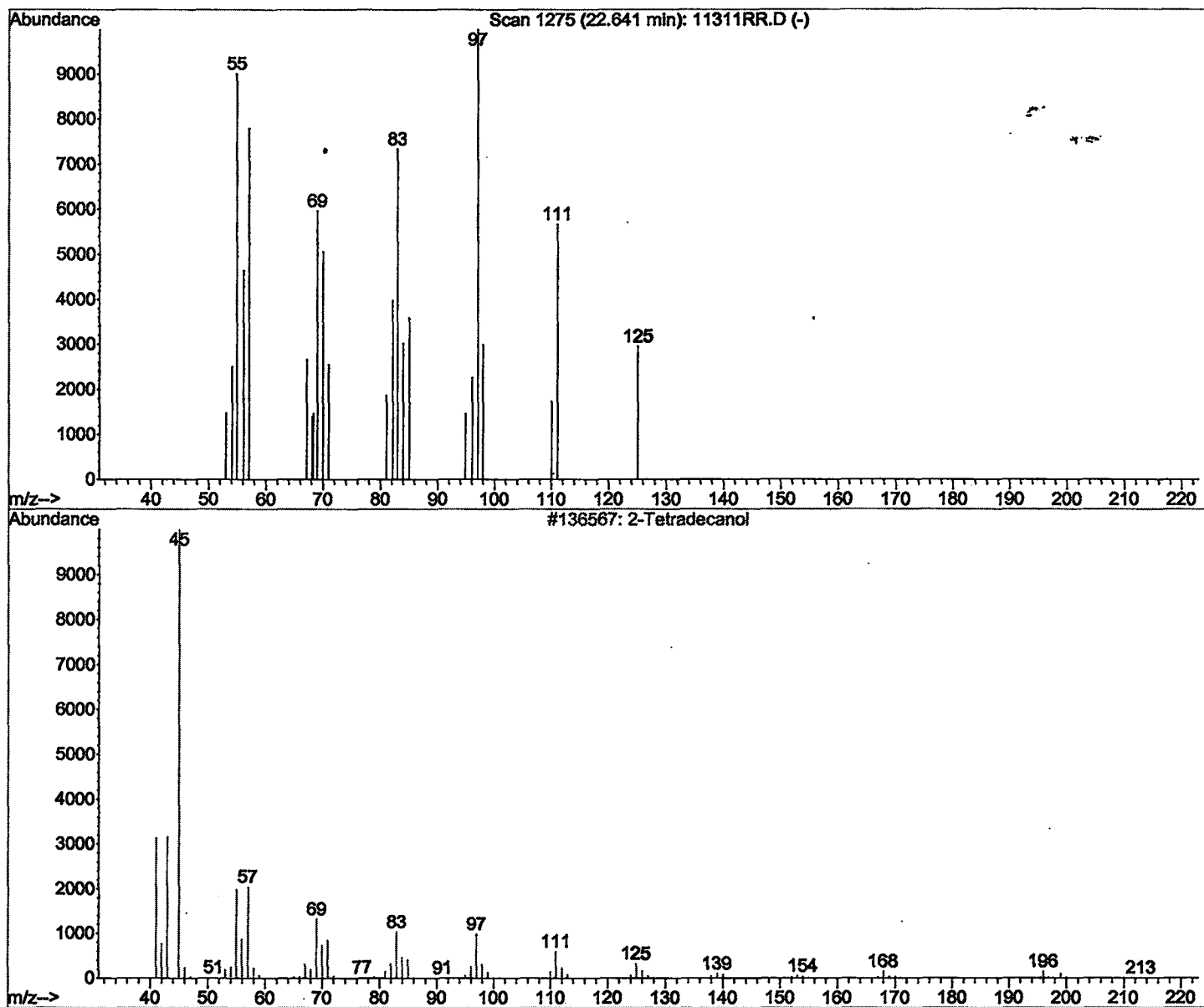
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Library Searched : C:\Database\wiley7n.1
 Quality : 43
 ID : 1-Butyl-1H-1,2,4-triazole



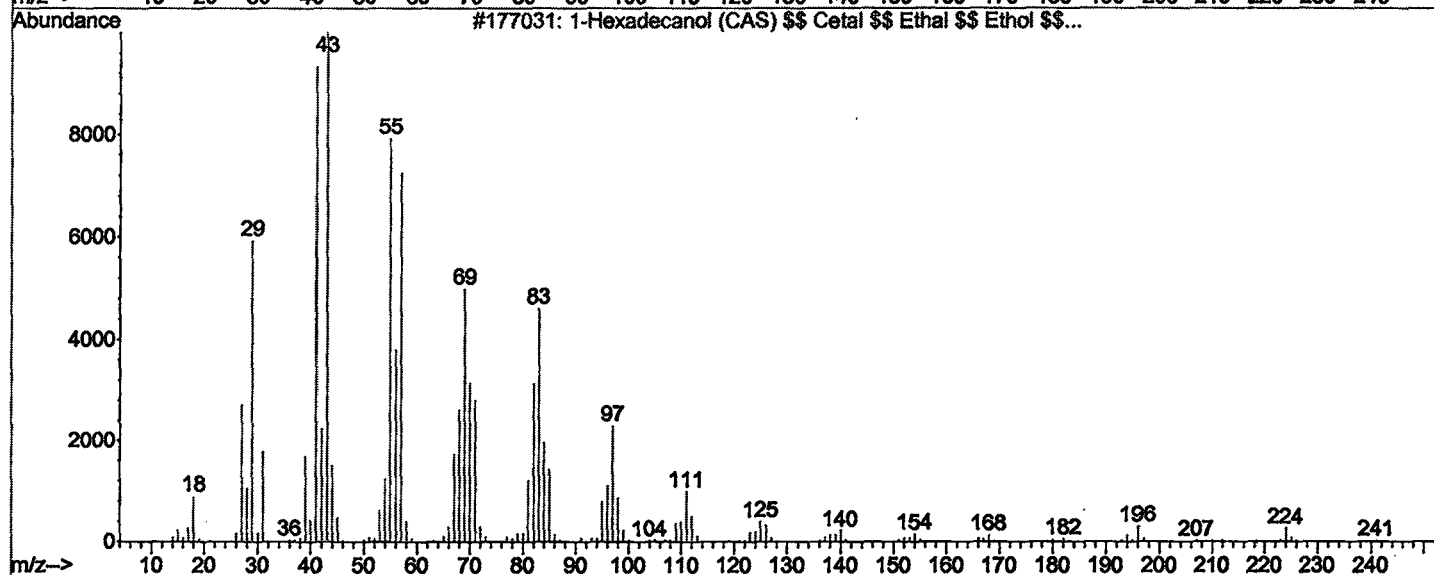
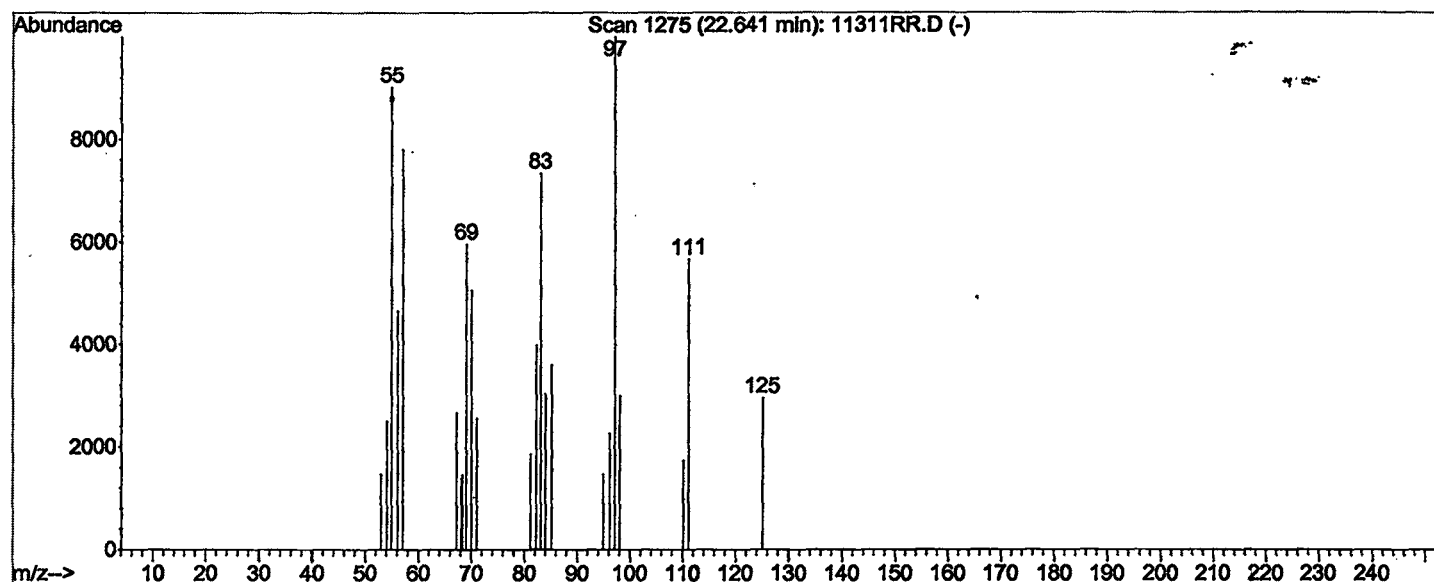
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 ID : 2-Tetradecanol



Library Searched : C:\Database\wiley7n.1

Quality : 47

ID : 1-Hexadecanol (CAS) \$\$ Cetol \$\$ Ethal \$\$ Ethol \$\$ Cetanol \$\$ Cetylol \$
 \$ Adol 52 \$\$ Lanol C \$\$ Adol 54 \$\$ Lorol 24 \$\$ Alfol 16 \$\$ Aldol 54 \$\$
 Atalco C \$\$ Cetaffine \$\$ Loxanol K \$\$ Adol 52NF \$\$ Elfacos C \$\$ Croda
 col C \$\$ Hyfatol 16 \$\$ Cetanol CA \$\$ Siponol



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D

Vial: 16

Acq On : 29 May 2002 2:39 pm

Operator: Bohlk / Inst 213

Sample : SAMPLE 11311 RE-EXTD 5/23/02

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)

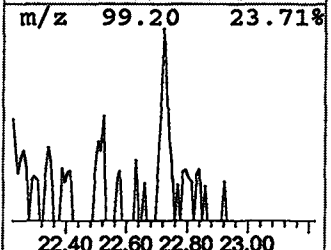
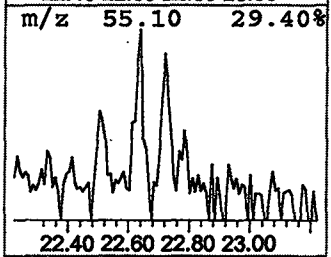
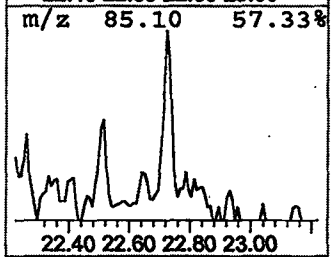
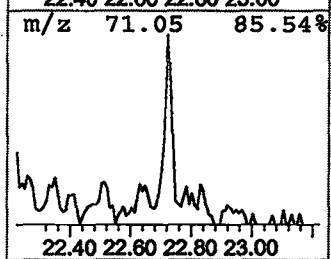
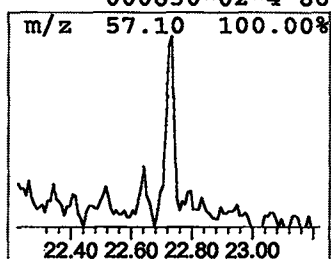
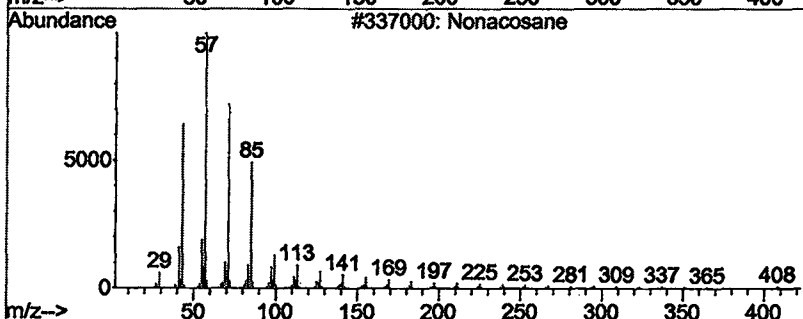
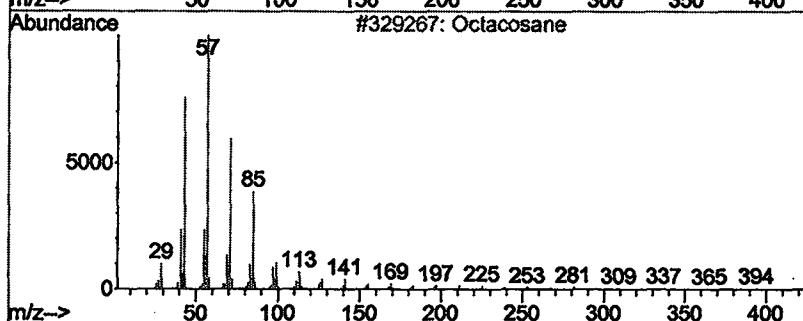
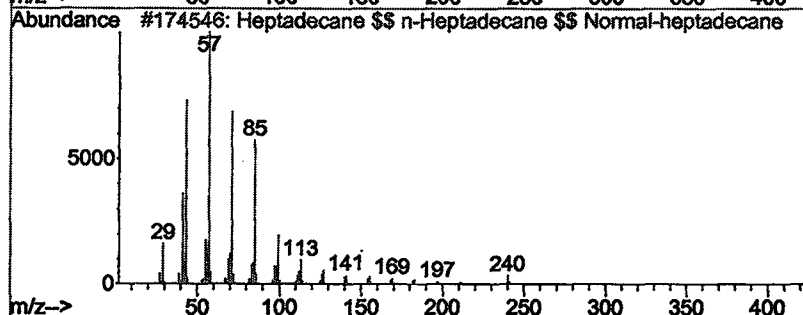
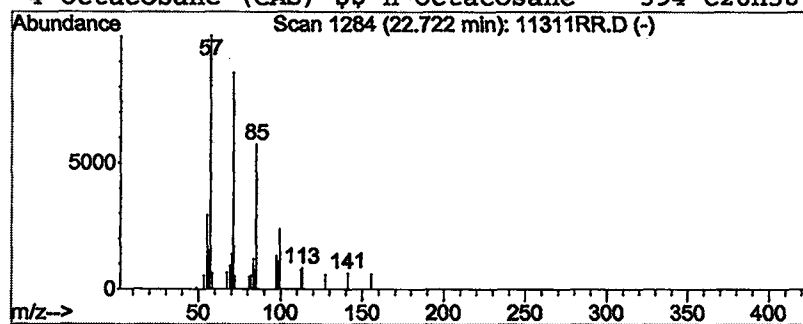
Title : Quantitation For Method 525.2

Library : C:\DATABASE\WILEY7N.L

Peak Number 11 Heptadecane \$\$ n-Heptadecan... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	0.06 ug/L	94191	Phenanthrene d-10	22.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane \$\$ n-Heptadecane \$\$...	240	C17H36	000629-78-7	91
2			Octacosane	394	C28H58	000630-02-4	86
3			Nonacosane	408	C29H60	000630-03-5	86
4			Octacosane (CAS) \$\$ n-Octacosane	394	C28H58	000630-02-4	86



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D
Acq On : 29 May 2002 2:39 pm
Sample : SAMPLE 11311 RE-EXTD 5/23/02
Misc :
MS Integration Params: LSCINT.P

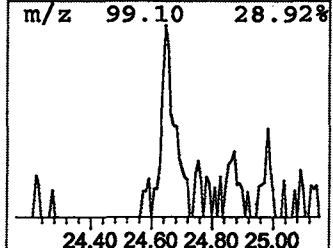
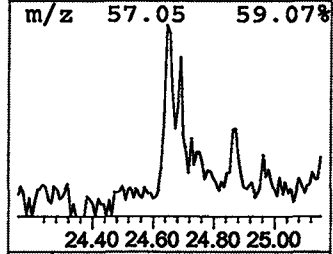
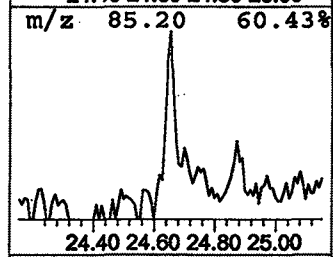
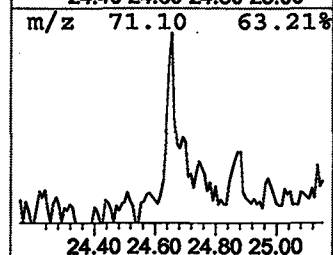
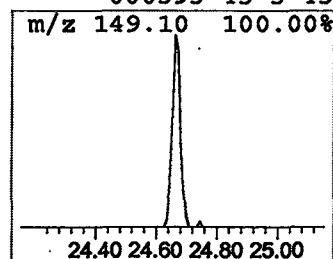
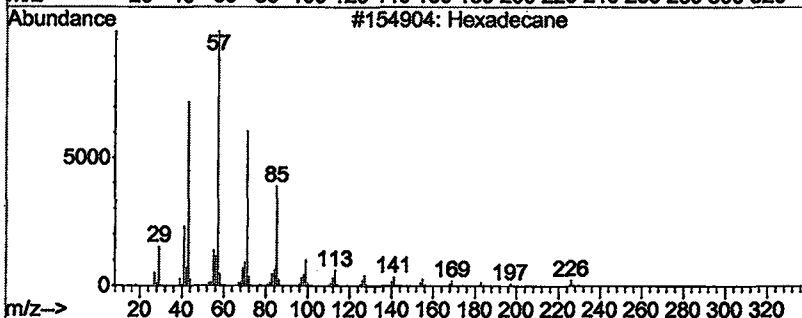
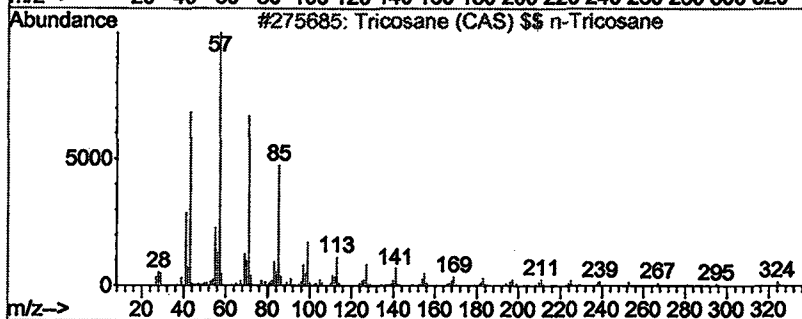
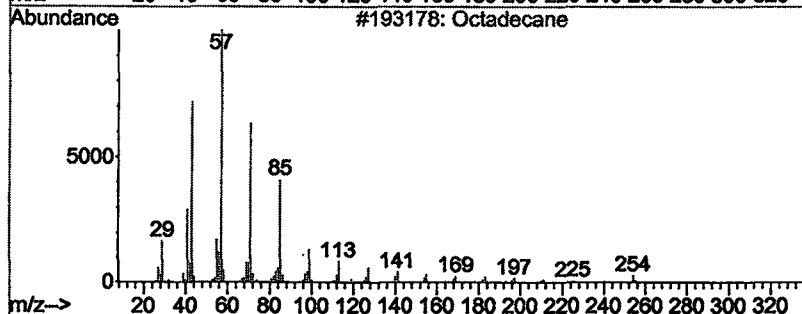
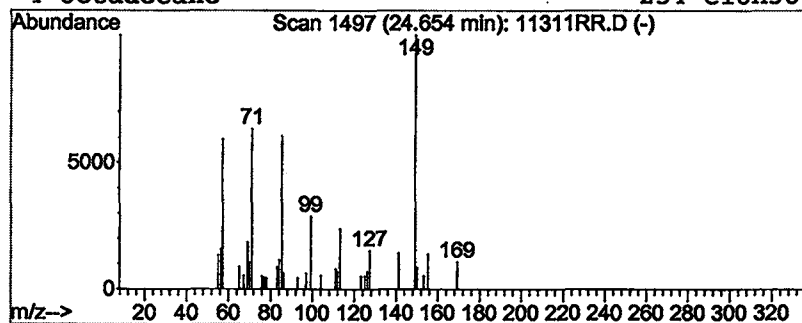
Vial: 16
Operator: Bohlk / Inst 213
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Library : C:\DATABASE\WILEY7N.L

Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	0.12 ug/L	171385	Phenanthrene d-10	22.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	47
2			Tricosane (CAS) \$\$ n-Tricosane	324	C23H48	000638-67-5	47
3			Hexadecane	226	C16H34	000544-76-3	43
4			Octadecane	254	C18H38	000593-45-3	43



Data File : C:\MSDCHEM\1\DATA\052902\11311RR.D
 Acq On : 29 May 2002 2:39 pm
 Sample : SAMPLE 11311 RE-EXTD 5/23/02
 Misc :
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Vial: 16
 Operator: Bohlk / Inst 213
 Inst : Instrumen
 Multiplr: 1.00

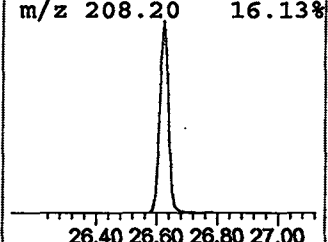
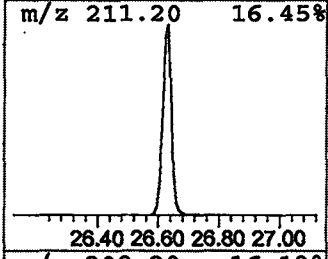
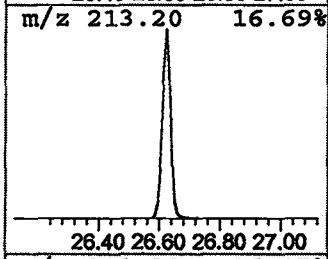
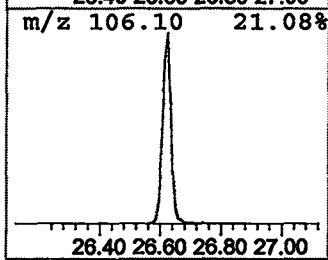
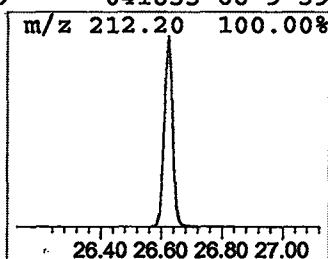
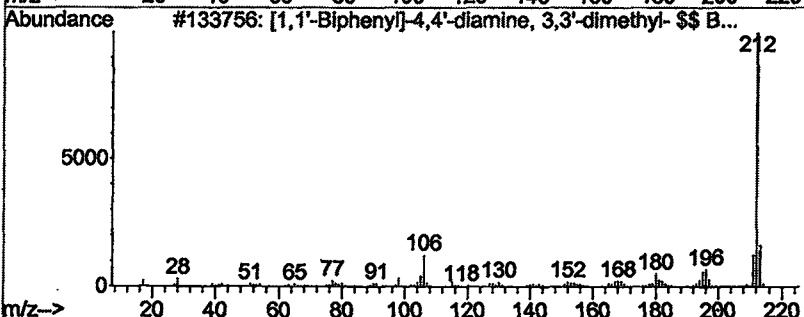
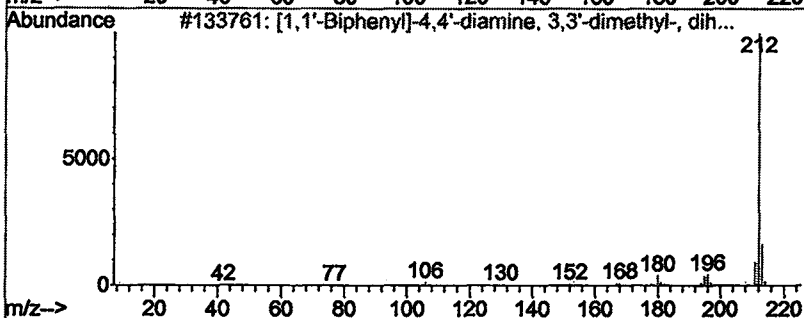
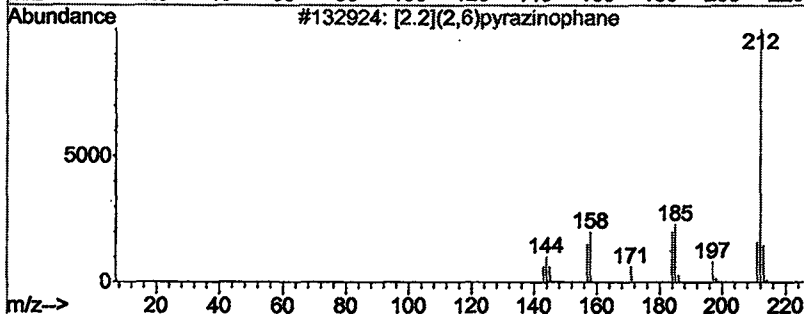
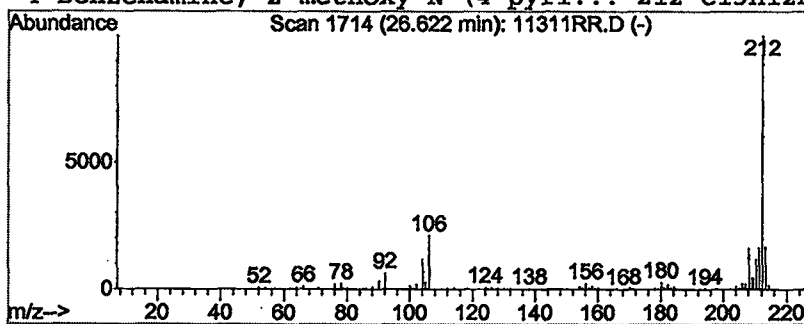
Quant Method : C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
 Title : Quantitation For Method 525.2
 Library : C:\DATABASE\WILEY7N.L

Pyrene
 d=10
 TB

 Peak Number 13 [2.2] (2,6)pyrazinophane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.62	4.45 ug/L	5977940	p-Terphenyl d-14	27.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	[2.2]	(2,6)pyrazinophane	212	C12H12N4	123624-86-2	64	
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000612-82-8	64		
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	59		
4	Benzenamine, 2-methoxy-N-(4-pyri...	212	C13H12N2O	041855-68-9	59		



Operator ID: Bohlk / Inst 213 Date Acquired: 29 May 2002 2:39 pm
Data File: C:\MSDCHEM\1\DATA\052902\11311RR.D
Name: SAMPLE 11311 RE-EXTD 5/23/02
Misc:
Method: C:\MSDCHEM\1\5973N\052802.M (RTE Integrator)
Title: Quantitation For Method 525.2
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard---			
					#	RT	Resp	Conc
Undecane, 4,6-dim...	11.48	0.1 ug/L		75183	1	18.19	7244850	5.0
Decane, 2,5,6-tri...	11.59	0.1 ug/L		80114	1	18.19	7244850	5.0
Eicosane (CAS) \$\$...	14.75	0.1 ug/L		118295	1	18.19	7244850	5.0
Tridecane (CAS) \$...	15.57	0.1 ug/L		113059	1	18.19	7244850	5.0
Nonadecane (CAS) ...	18.27	0.1 ug/L		141637	1	18.19	7244850	5.0
BUTYL HYDROXY TOL...	18.52	3.0 ug/L		4330680	1	18.19	7244850	5.0
Pentacosane \$\$ n-...	18.97	0.1 ug/L		118944	1	18.19	7244850	5.0
Hexadecane	19.96	0.1 ug/L		114038	1	18.19	7244850	5.0
Tricosane (CAS) \$...	21.36	0.1 ug/L		120762	2	22.51	7398750	5.0
Heneicosane (CAS)...	21.95	0.1 ug/L		122351	2	22.51	7398750	5.0
Heptadecane \$\$ n-...	22.72	0.1 ug/L		94191	2	22.51	7398750	5.0
Octadecane	24.65	0.1 ug/L		171385	2	22.51	7398750	5.0
[2.2] (2,6)pyrazin...	26.62	4.4 ug/L		5977940	3	27.39	6718310	5.0