Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08430.D Vial: 17
Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 26 14:59:06 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

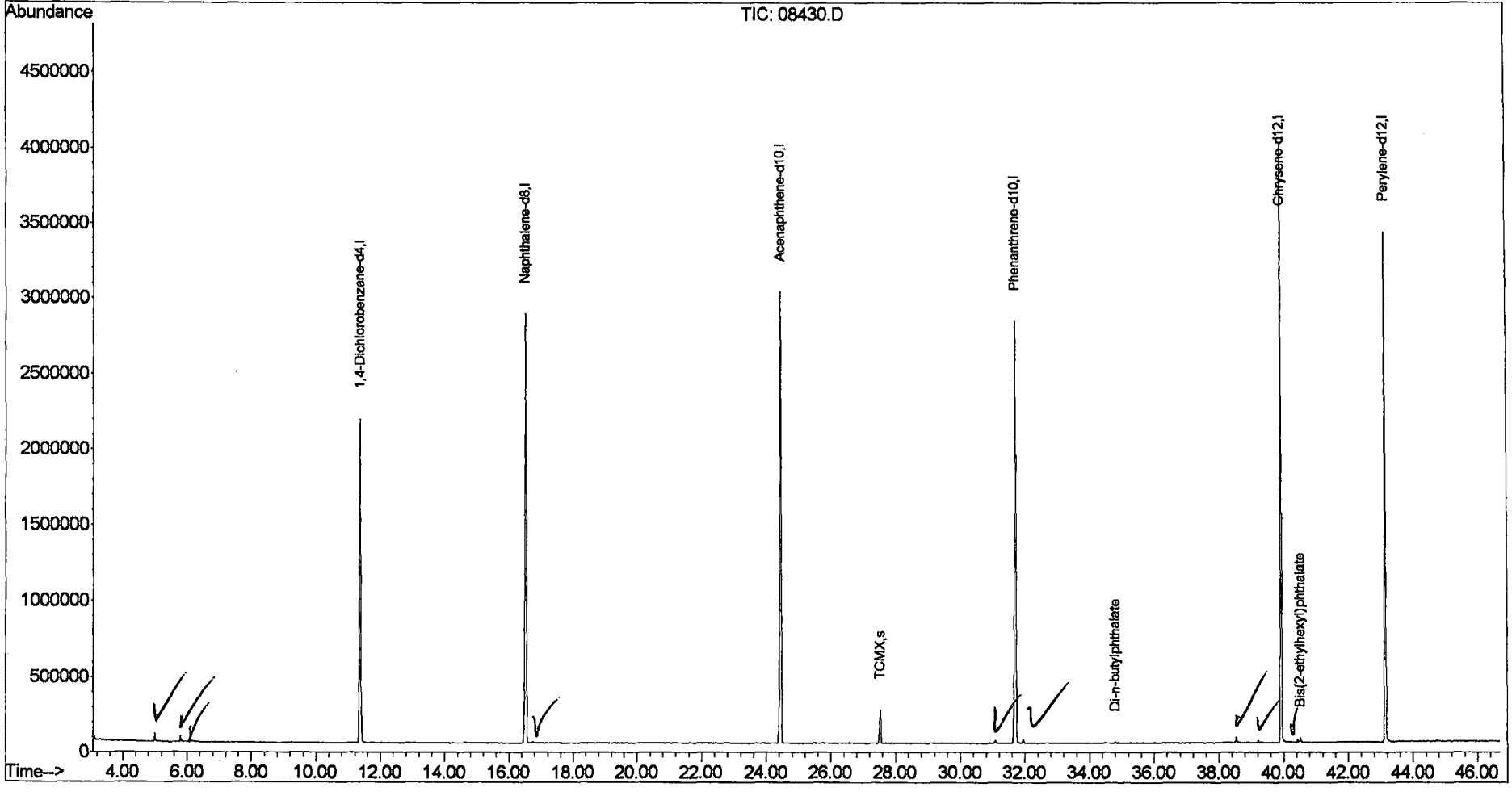
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	10950953	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	41992394	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	22993632	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34325980	40.00	ug/l	-0.06
38) Chrysene-d12	39.94	240	26876355	40.00	ug/l	-0.07
44) Perylene-d12	43.16	264	19613586	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	777113	5.44	ug/l	-0.07
Spiked Amount 10.000			Recovery = 54.40%			
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	124649	0.10	ug/l	98
43) Bis(2-ethylhexyl)phthalate	40.53	149	215989	0.32	ug/l	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

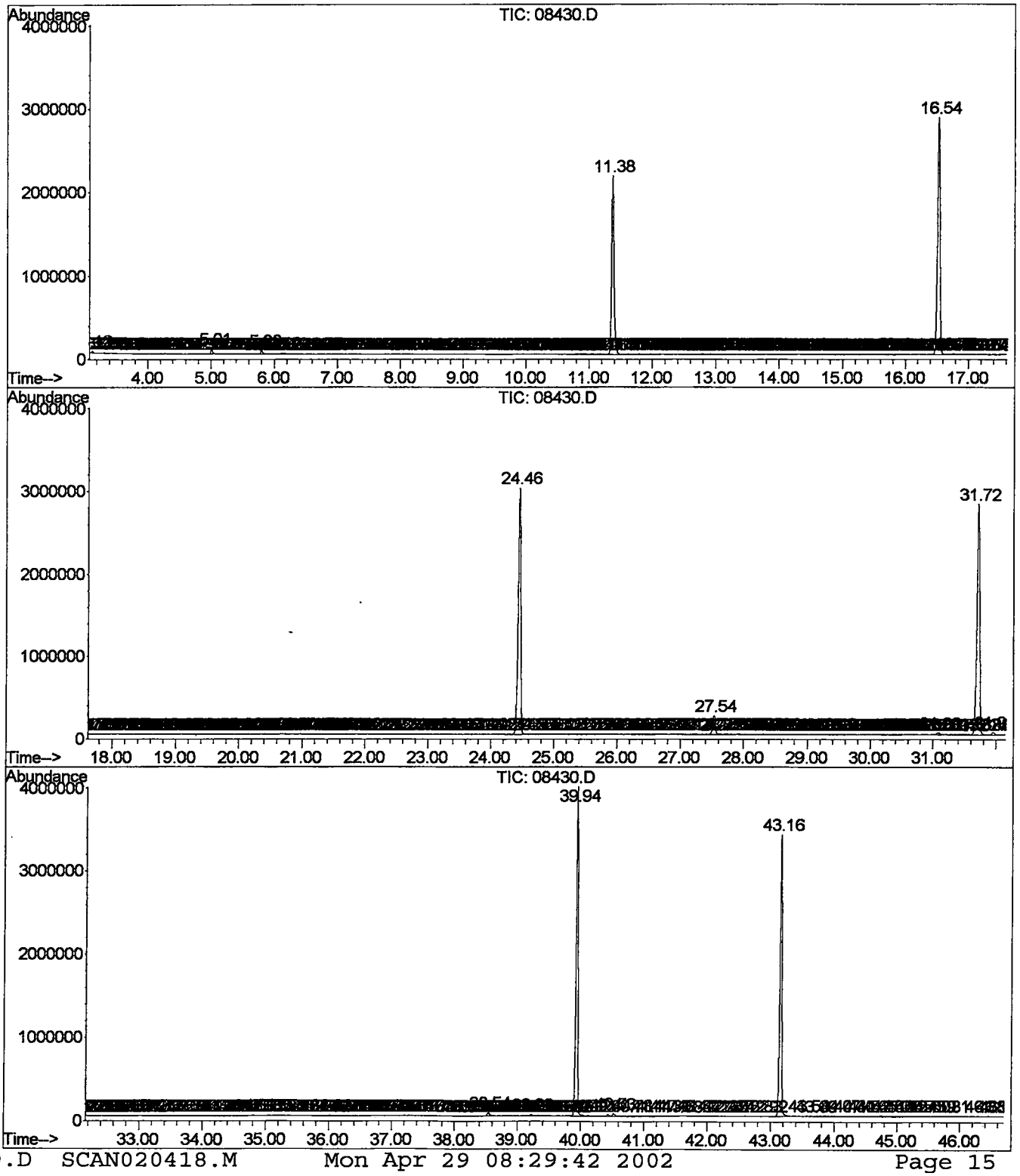
Data File : C:\MSDCHEM\1\DATA\020419\08430.D Vial: 17
Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 26 15:00 2002 Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08430.D
Operator : Nefliu
Acquired : 19 Apr 2002 11:53 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 17
Quant File :SCAN020418.RES (Chemstation Integrator)



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Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

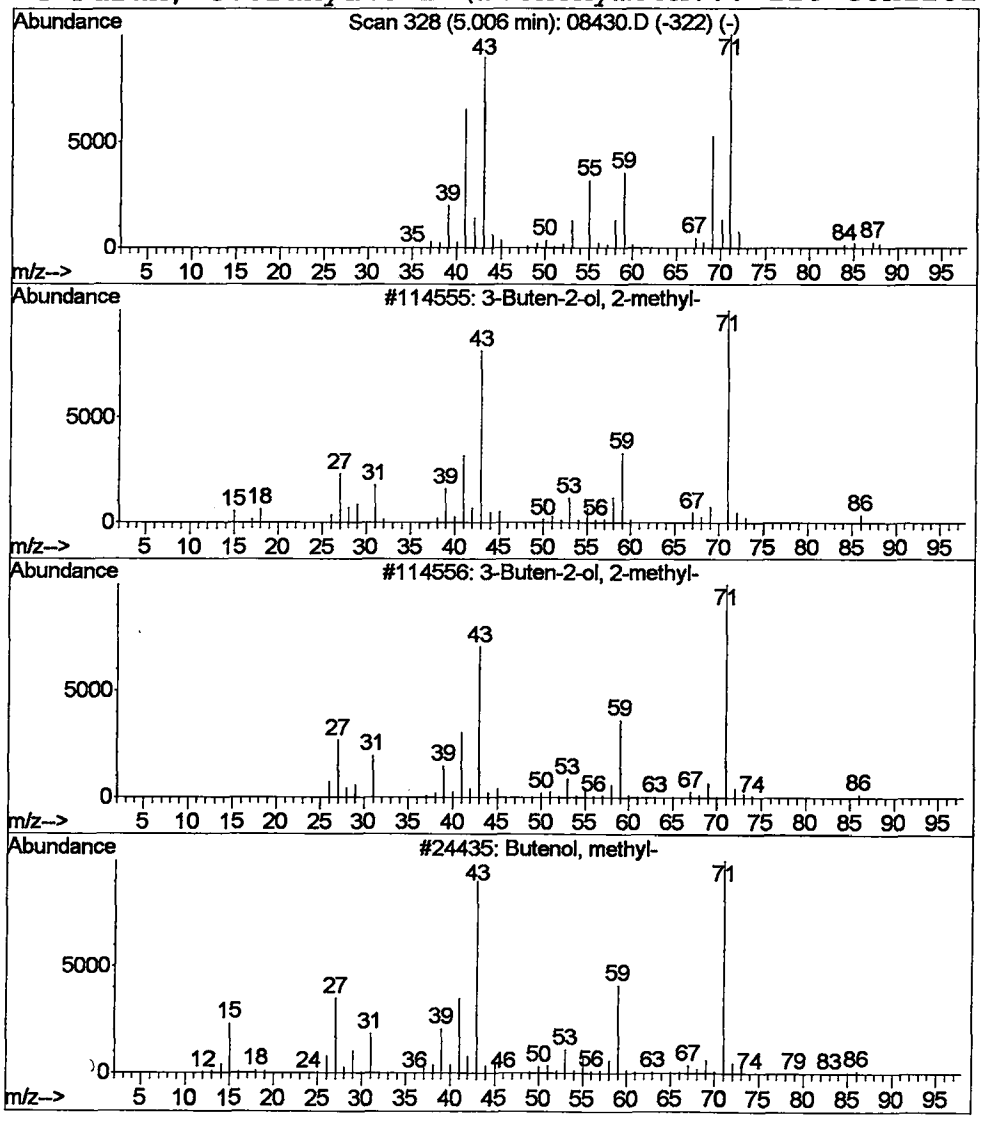
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

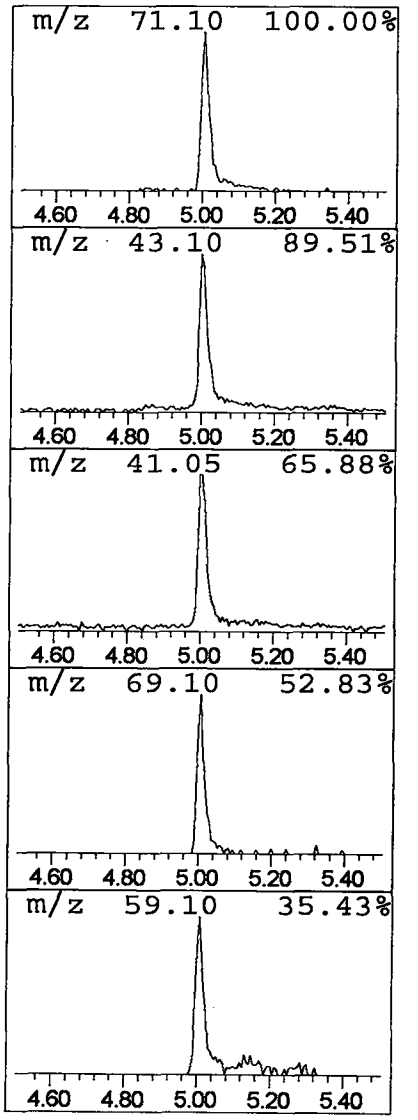
****

Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.89 ug/l	1241360	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
3	Butenol, methyl-	86	C5H10O	060766-00-9	72
4	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50





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Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
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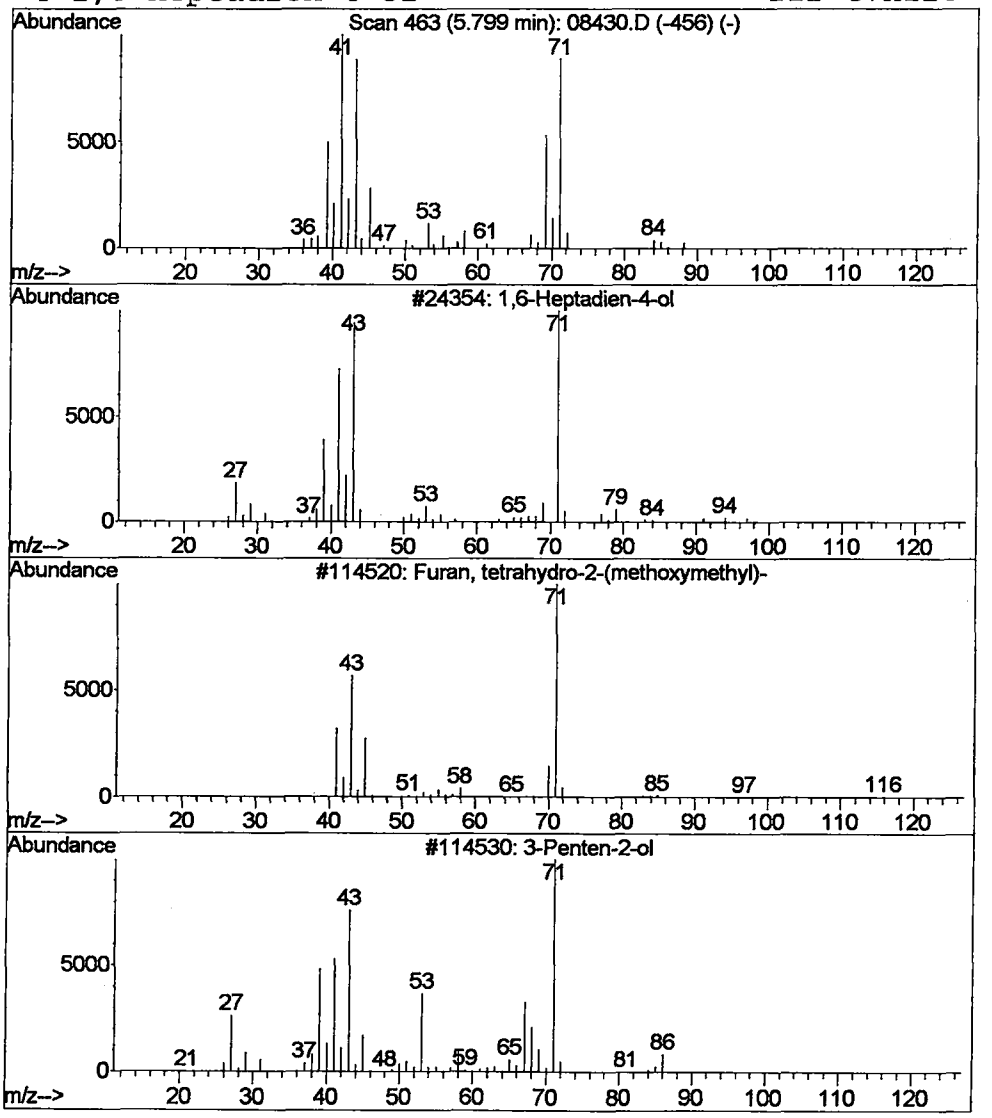
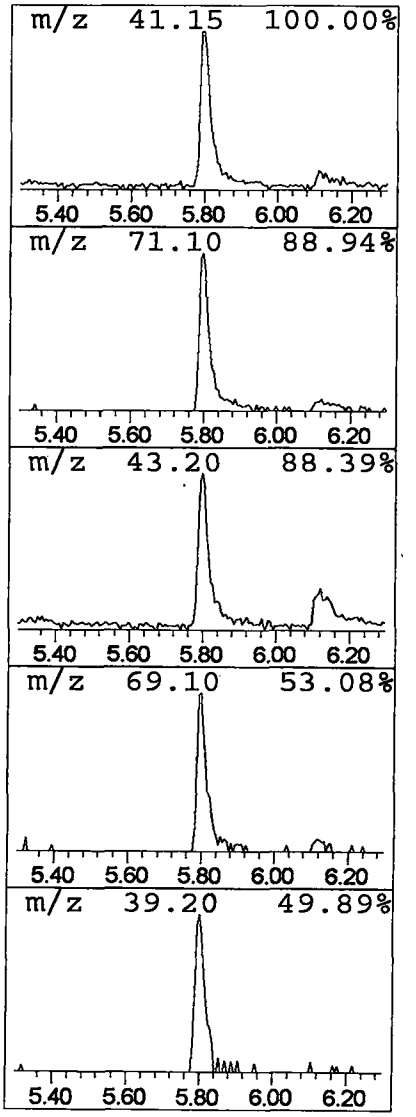
Peak Number 2 1,6-Heptadien-4-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	0.70 ug/l	979555	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	64
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	56
3	3-Penten-2-ol	86	C5H10O	001569-50-2	45
4	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	40





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Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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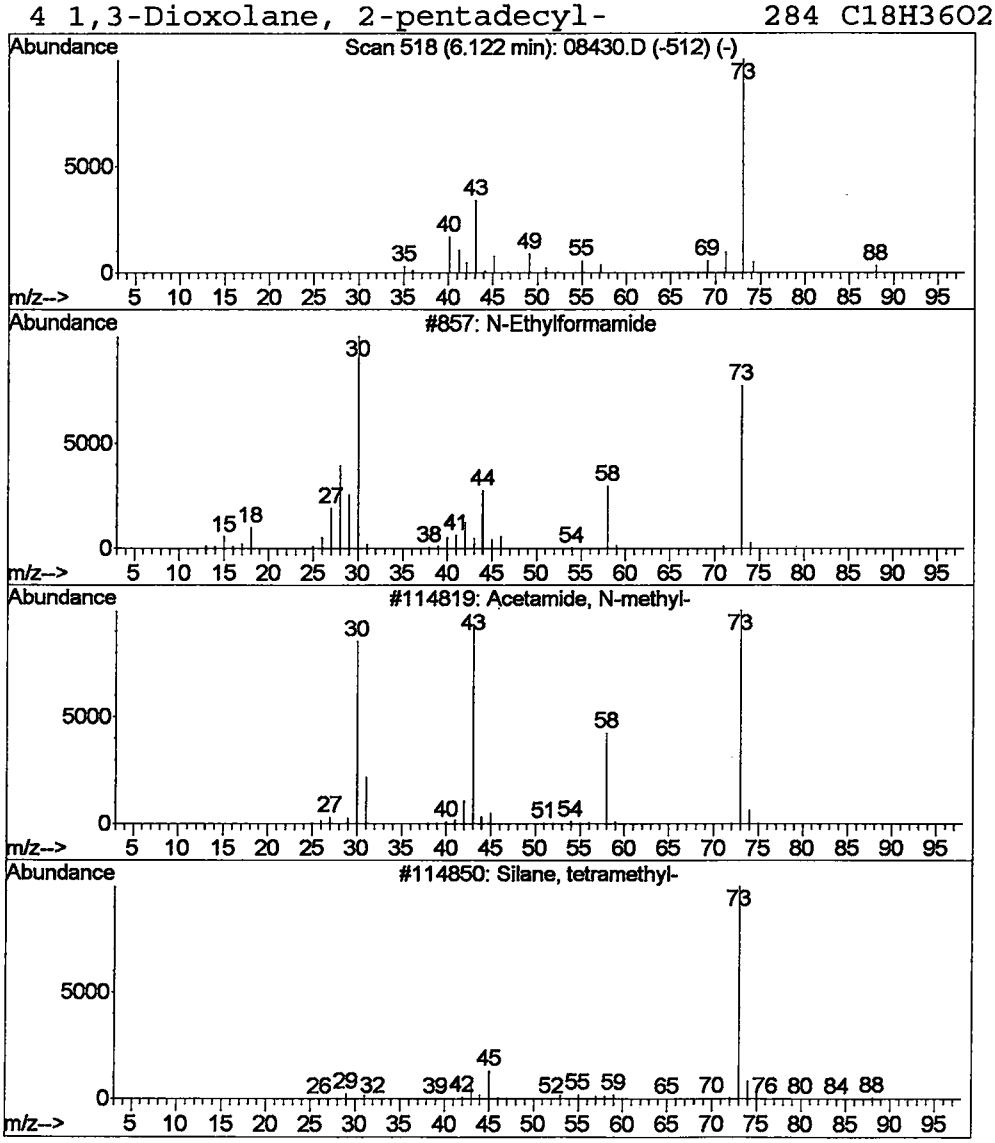
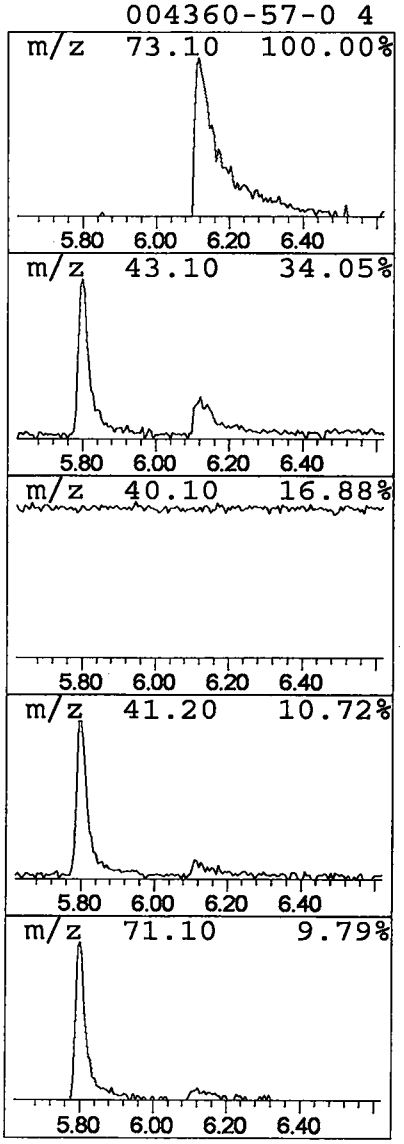
Peak Number 3 N-Ethylformamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.40 ug/l	556071	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	5
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	4
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	4
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	4





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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
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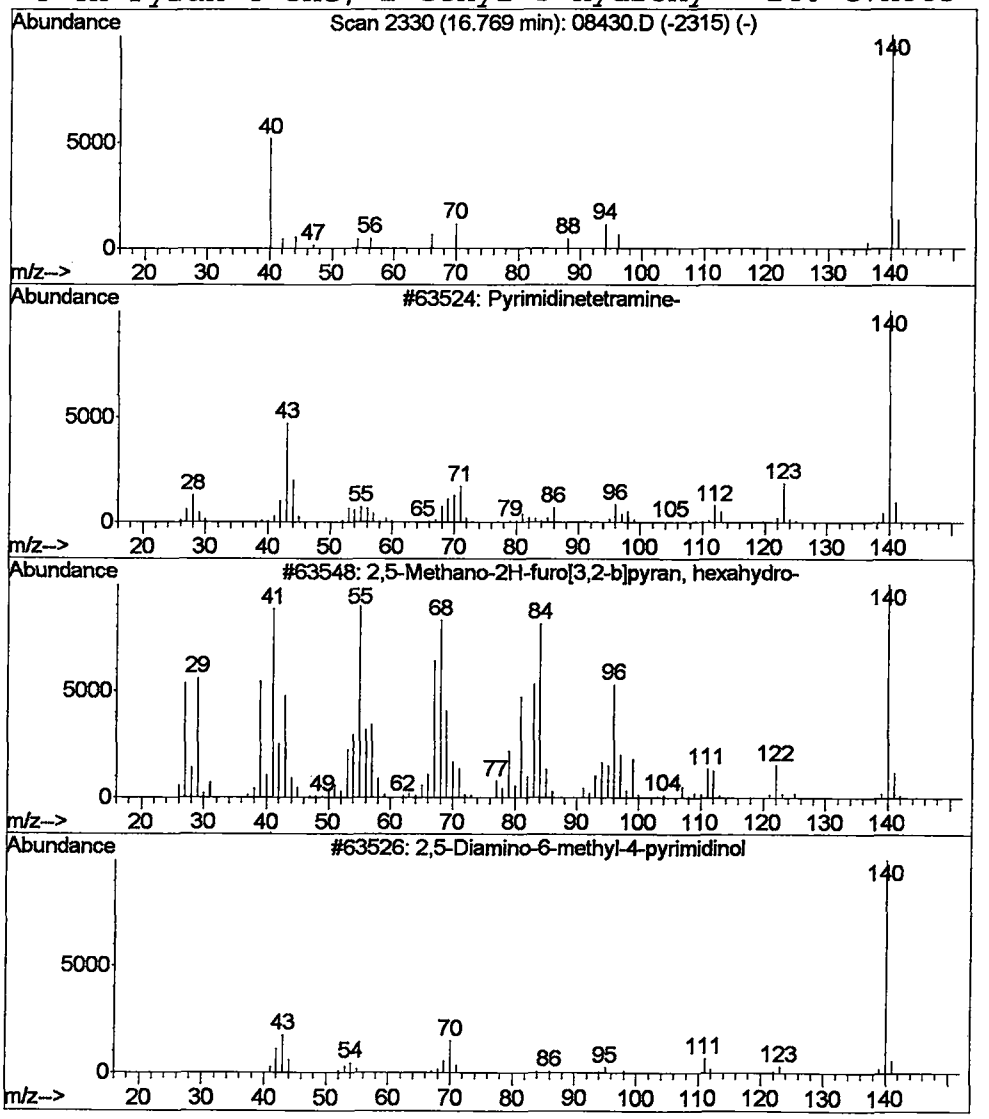
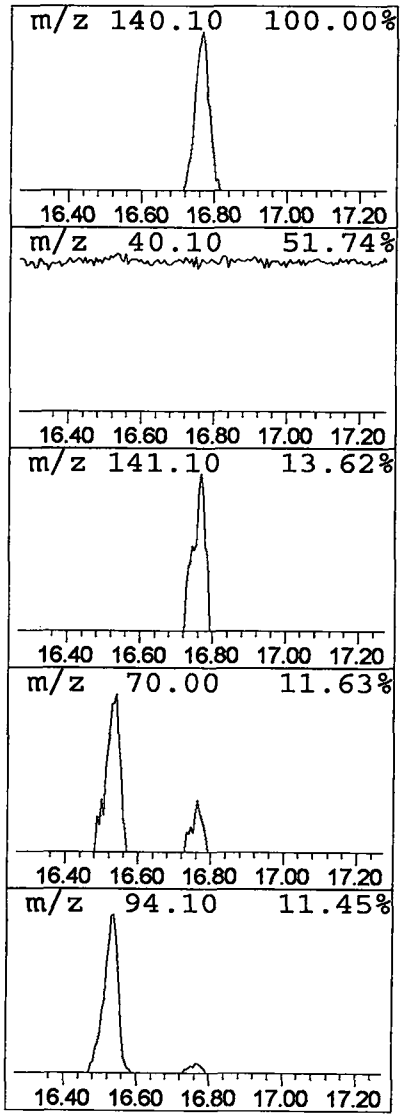
Peak Number 4 Pyrimidinetetramine- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	0.23 ug/l	437161	Naphthalene-d8	16.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine-	140	C4H8N6	001004-74-6	38
2	2,5-Methano-2H-furo[3,2-b]pyran,...	140	C8H12O2	029946-84-7	9
3	2,5-Diamino-6-methyl-4-pyrimidinol	140	C5H8N4O	1000213-59-1	9
4	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	9





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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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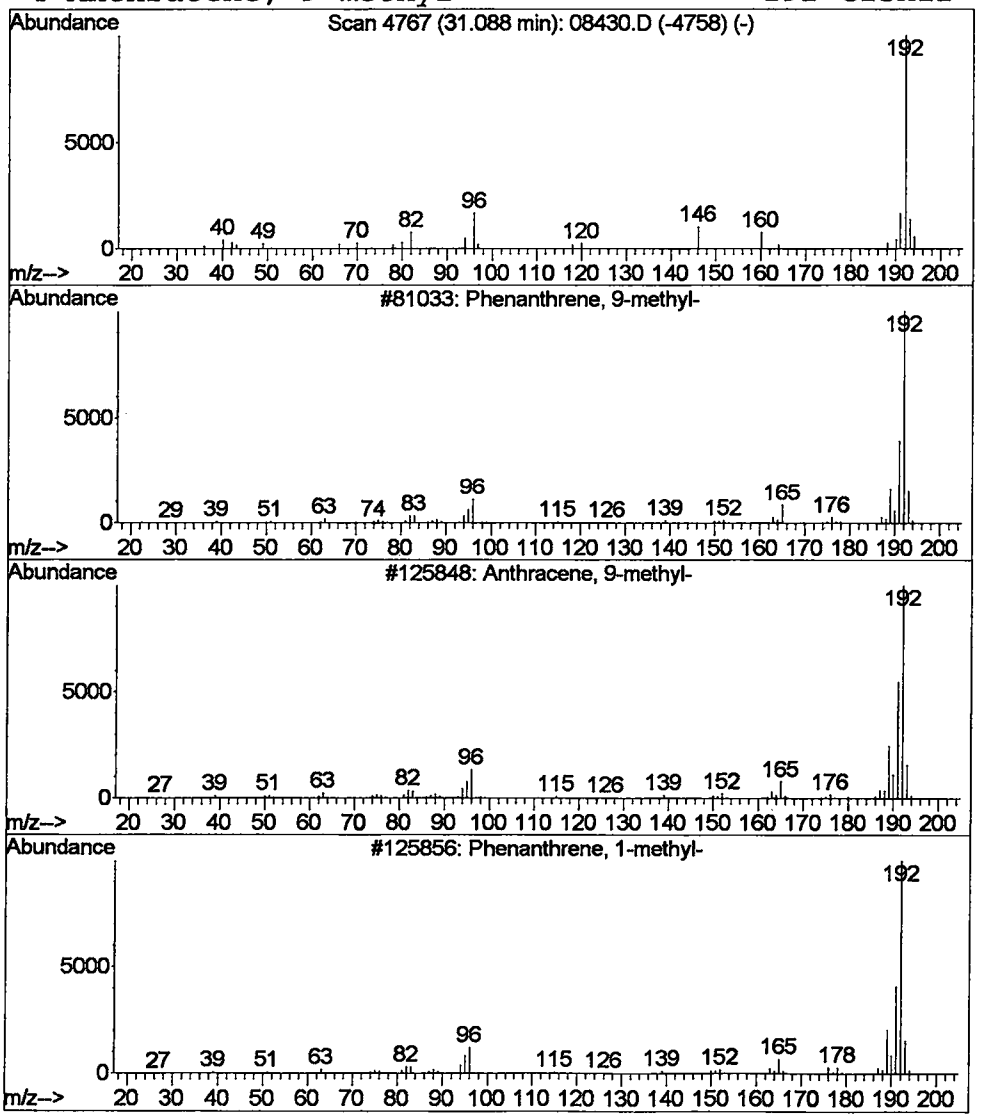
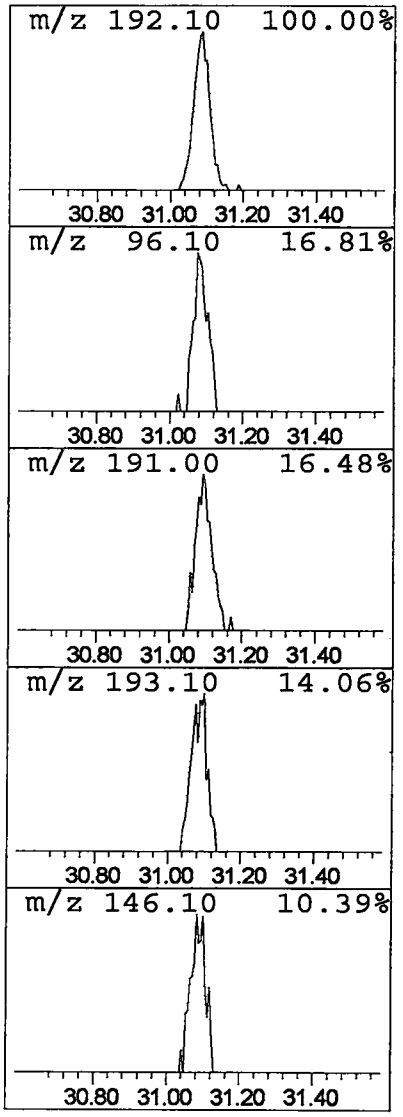
Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	750139	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	45
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45





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MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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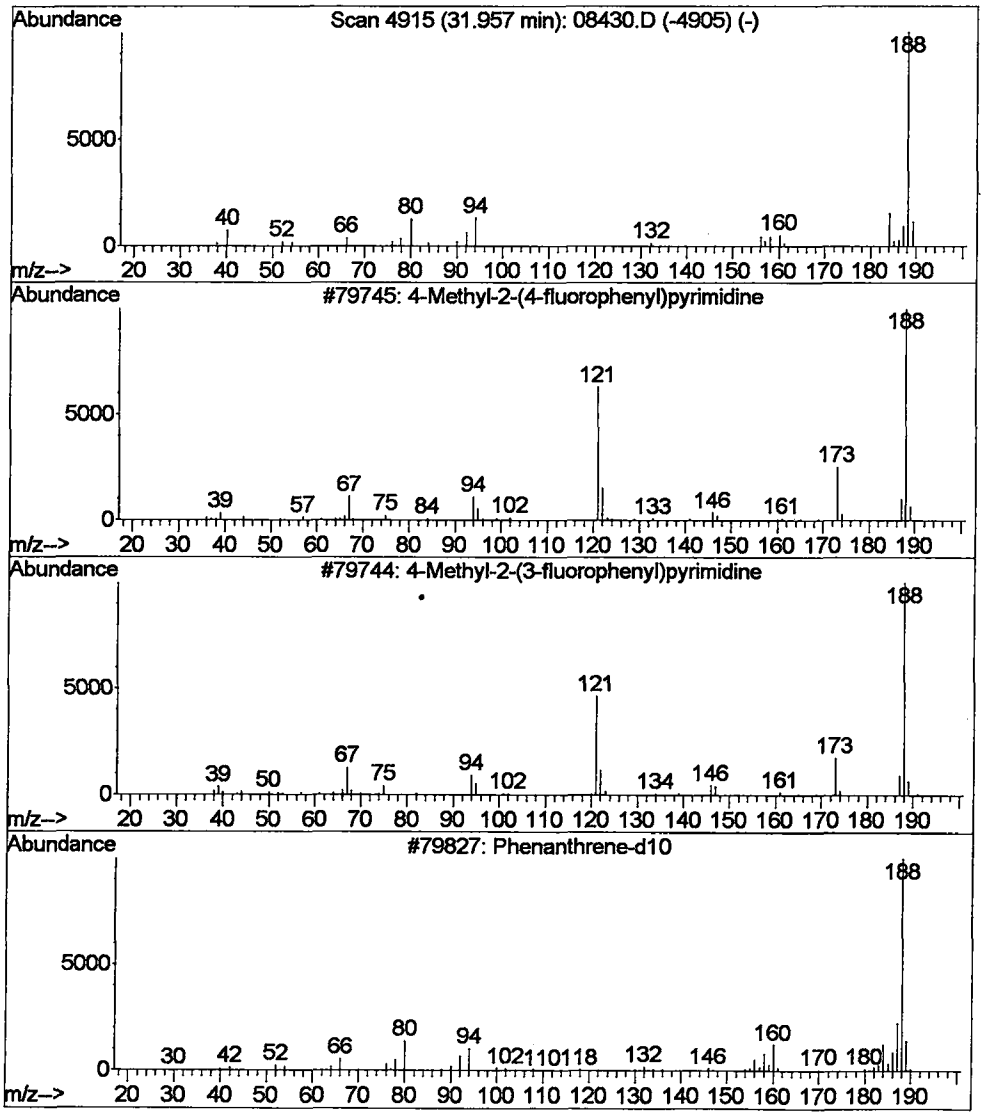
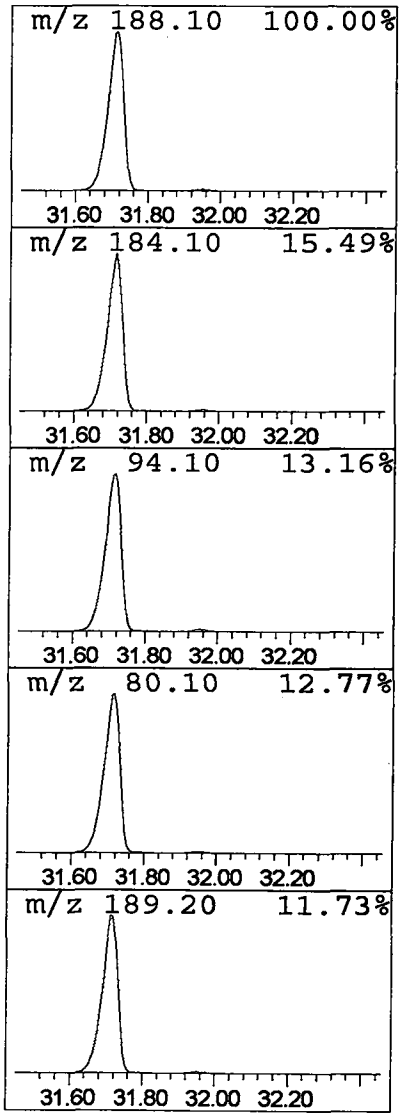
Peak Number 6 4-Methyl-2-(4-fluorophenyl)... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.43 ug/l	918405	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	59
2	4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	59
3	Phenanthrene-d10	188	C14D10	001517-22-2	56
4	Anthracene-d10-	188	C14D10	001719-06-8	45





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Misc :
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Vial: 17
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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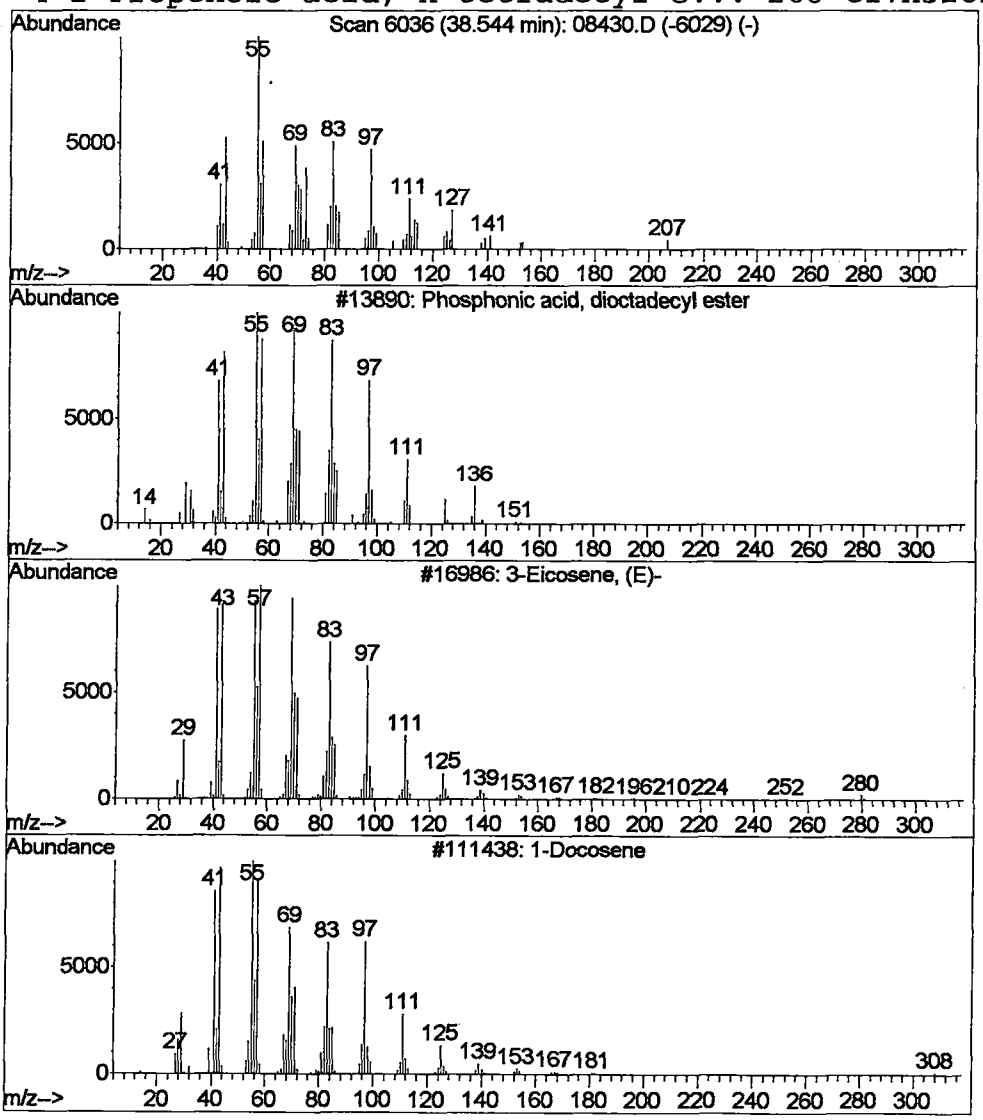
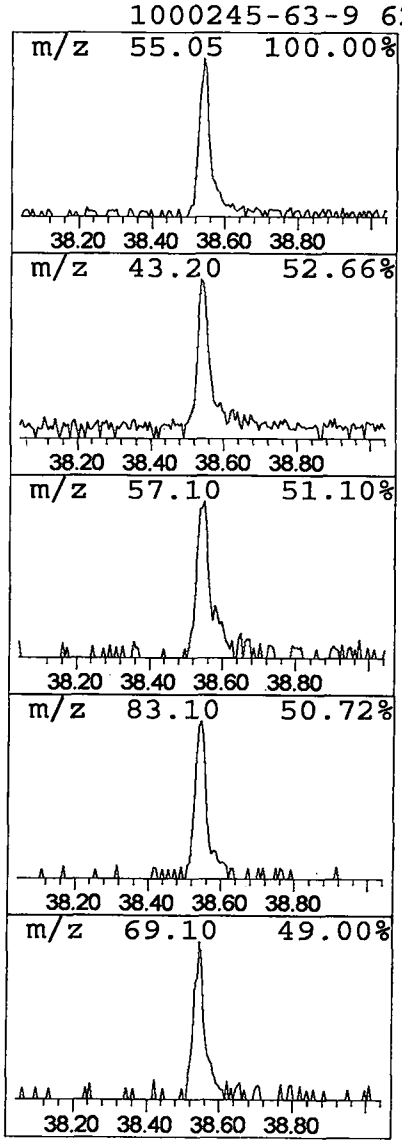
Peak Number 7 Phosphonic acid, dioctadecy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.54	0.57 ug/l	1129750	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
3	1-Docosene	308	C22H44	001599-67-3	64
4	2-Propenoic acid, n-tetradecyl e...	268	C17H32O2	1000245-63-9	62





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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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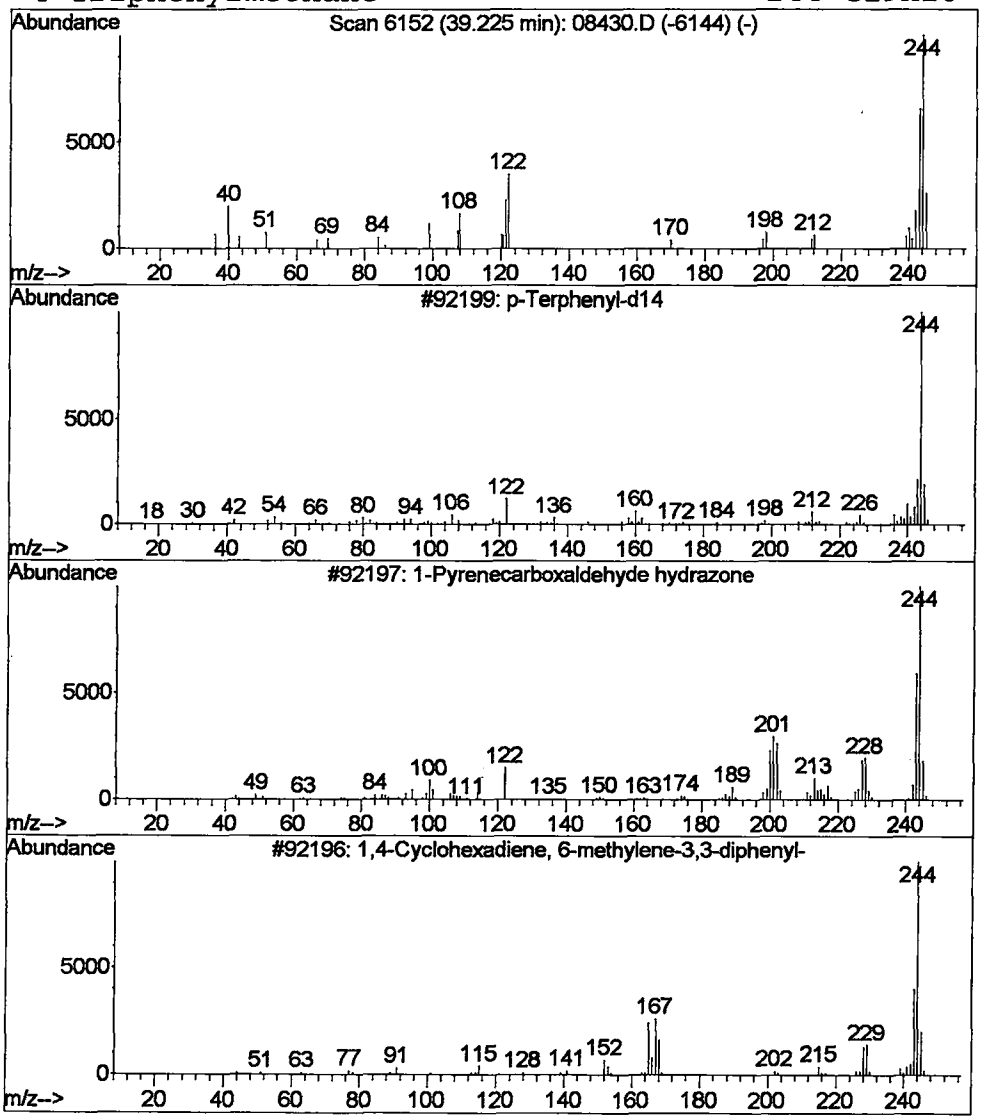
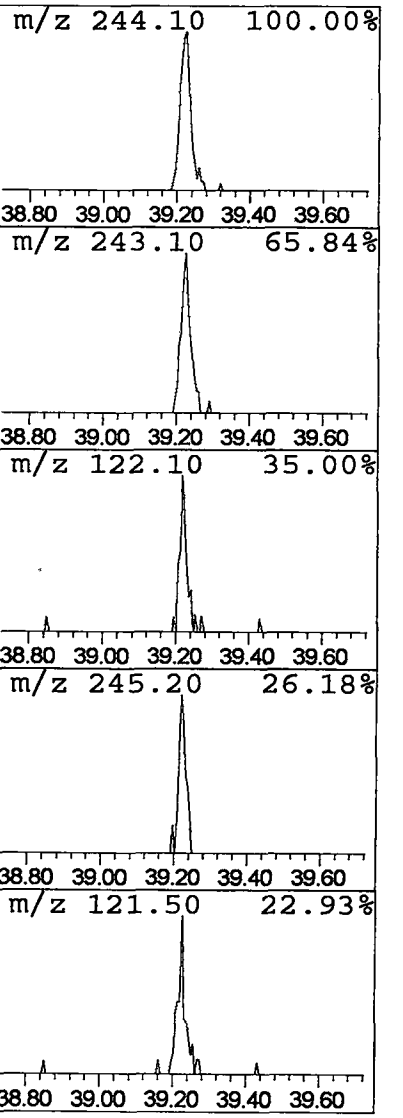
Peak Number 8 p-Terphenyl-d14 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.22	0.20 ug/l	405810	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Terphenyl-d14	244	C18D14	001718-51-0	64
2	1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	45
3	1,4-Cyclohexadiene, 6-methylene-...	244	C19H16	018636-59-4	42
4	Triphenylmethane	244	C19H16	000519-73-3	38





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Misc :
MS Integration Params: LSCINT.e

Vial: 17
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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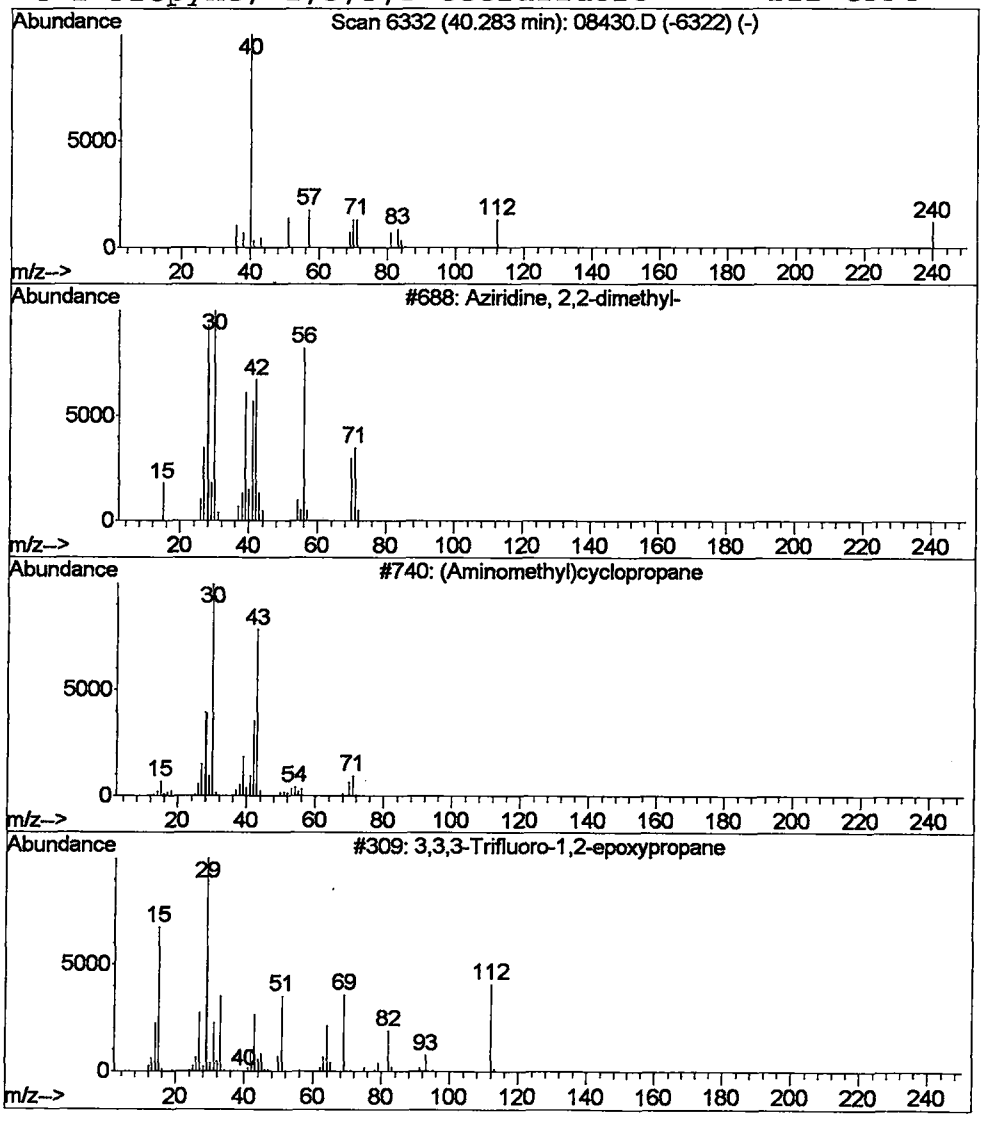
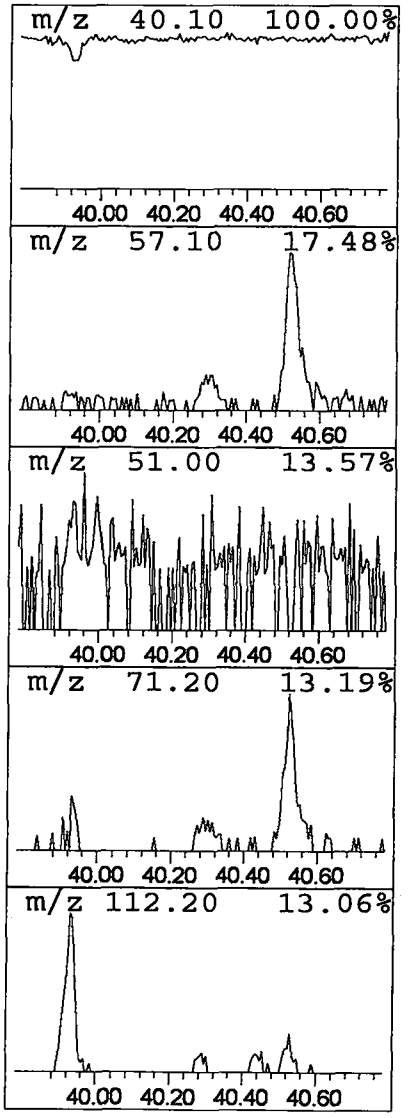
Peak Number 9 Aziridine, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.28	0.20 ug/l	397755	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	4
2	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	4
3	3,3,3-Trifluoro-1,2-epoxypropane	112	C3H3F3O	000359-41-1	4
4	1-Propyne, 1,3,3,3-tetrafluoro-	112	C3F4	020174-11-2	3





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Misc : Multiplr: 1.00
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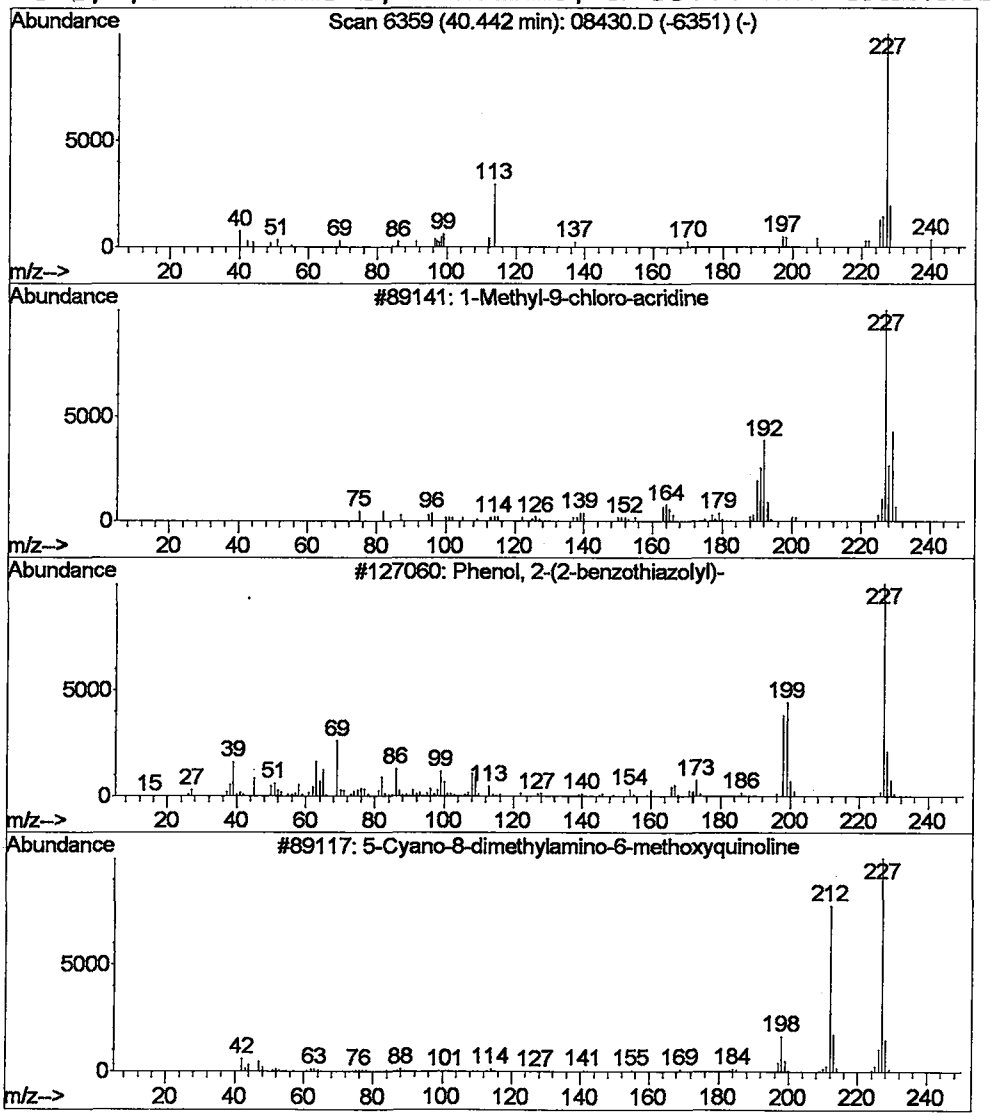
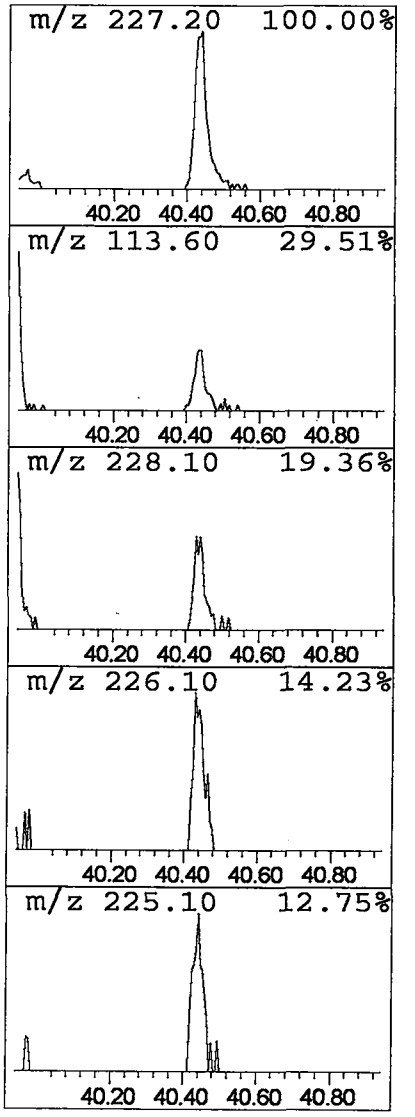
Peak Number 10 1-Methyl-9-chloro-acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.26 ug/l	513037	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-9-chloro-acridine	227	C14H10ClN	1000147-94-6	40
2	Phenol, 2-(2-benzothiazolyl)-	227	C13H9NOS	003411-95-8	33
3	5-Cyano-8-dimethylamino-6-methox...	227	C13H13N3O	1000213-20-5	33
4	1,3,5-Triazine-2,4-diamine, N-et...	227	C9H17N5S	000834-12-8	9





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Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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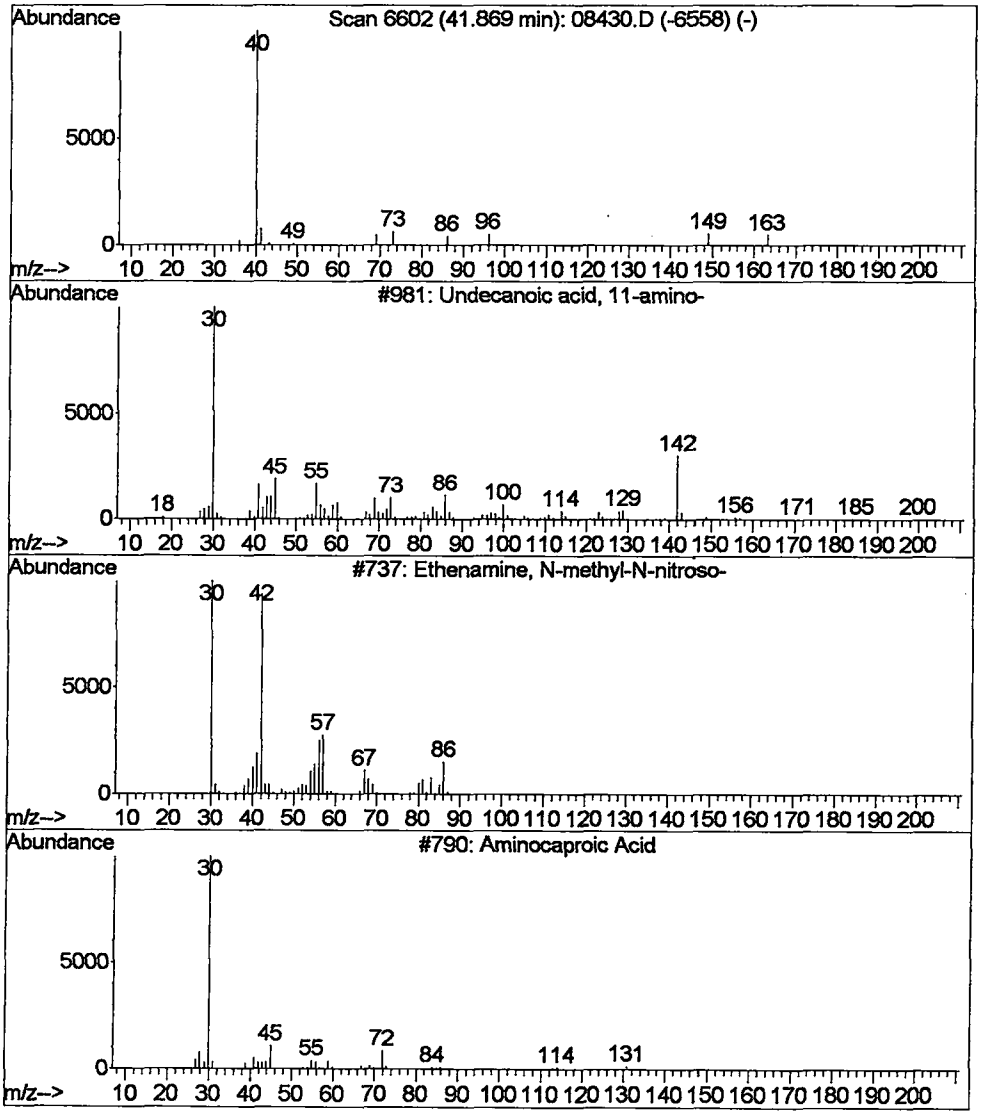
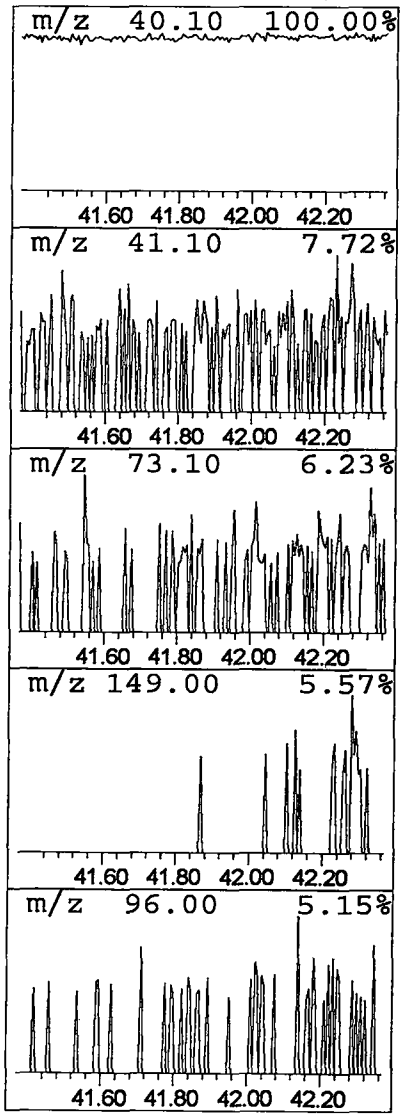
Peak Number 11 Undecanoic acid, 11-amino- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.87	0.22 ug/l	372563	Perylene-d12	43.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 11-amino-	201	C11H23NO2	002432-99-7	1
2	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	1
3	Aminocaproic Acid	131	C6H13NO2	000060-32-2	1
4	1-Nonanamine	143	C9H21N	000112-20-9	1





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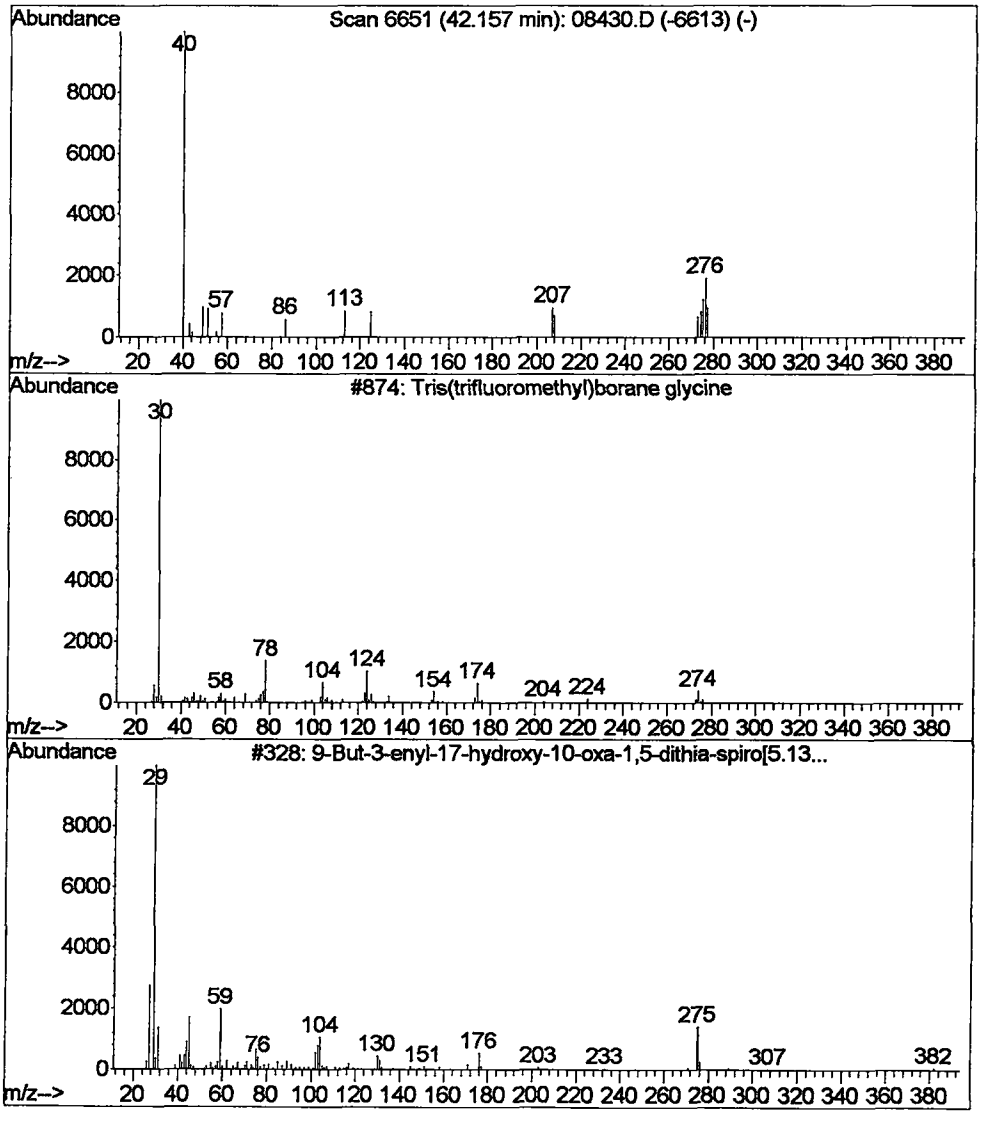
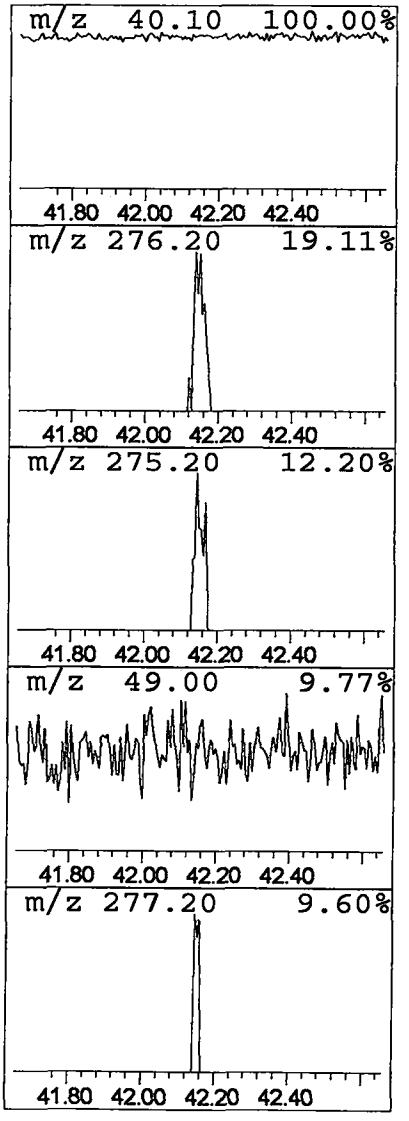
Peak Number 12 Tris(trifluoromethyl)borane... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.16	0.25 ug/l	432975	Perylene-d12	43.16

Hit# of 2	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(trifluoromethyl)borane glycine	293	C5H5BF9NO2	1000162-80-8	1
2	9-But-3-enyl-17-hydroxy-10-oxa-1...	382	C20H30O3S2	1000192-36-0	1





Data File : C:\MSDCHEM\1\DATA\020419\08430.D Vial: 17
Acq On : 19 Apr 2002 11:53 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

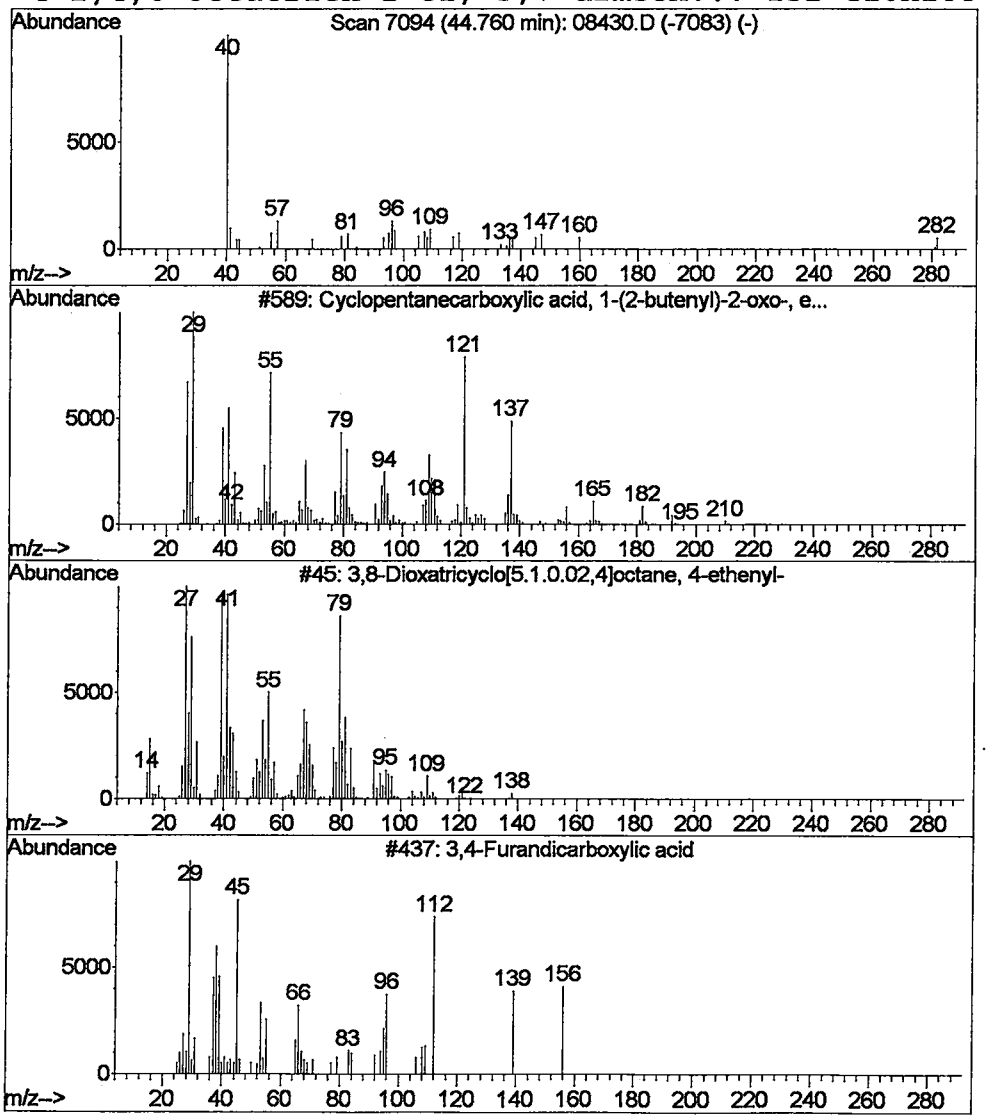
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

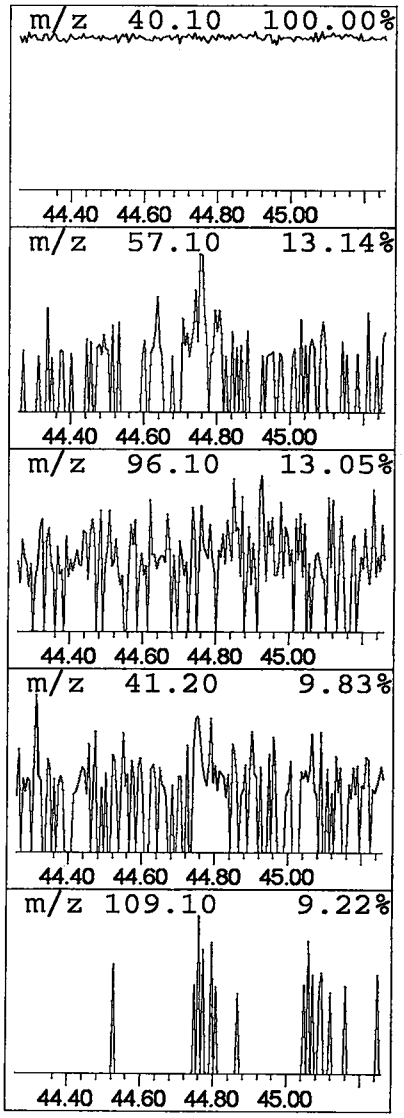
****

Peak Number 15 Cyclopentanecarboxylic acid... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.76	0.47 ug/l	818895	Perylene-d12	43.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 1-(...	210	C12H18O3	112825-89-5	4
2	3,8-Dioxatricyclo[5.1.0.02,4]oct...	138	C8H10O2	053966-43-1	4
3	3,4-Furandicarboxylic acid	156	C6H4O5	003387-26-6	4
4	2,4,6-Octatrien-1-ol, 3,7-dimeth...	152	C10H16O	089155-85-1	4





Operator ID: Nefliu Date Acquired: 19 Apr 2002 11:53 pm
Data File: C:\MSDCHEM\1\DATA\020419\08430.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
3-Buten-2-ol, 2-m...	5.01	0.9	ug/l	1241360	1	11.38	55597600	40.0
1,6-Heptadien-4-ol	5.80	0.7	ug/l	979555	1	11.38	55597600	40.0
N-Ethylformamide	6.12	0.4	ug/l	556071	1	11.38	55597600	40.0
Pyrimidinetetramine-	16.77	0.2	ug/l	437161	2	16.54	76736100	40.0
Phenanthrene, 9-m...	31.09	0.3	ug/l	750139	4	31.72	86225600	40.0
4-Methyl-2-(4-flu...	31.95	0.4	ug/l	918405	4	31.72	86225600	40.0
Phosphonic acid, ...	38.54	0.6	ug/l	1129750	5	39.94	79231200	40.0
p-Terphenyl-d14	39.22	0.2	ug/l	405810	5	39.94	79231200	40.0
Aziridine, 2,2-di...	40.28	0.2	ug/l	397755	5	39.94	79231200	40.0
1-Methyl-9-chloro...	40.44	0.3	ug/l	513037	5	39.94	79231200	40.0
Undecanoic acid, ...	41.87	0.2	ug/l	372563	6	43.16	69300200	40.0
Tris(trifluoromet...	42.16	0.2	ug/l	432975	6	43.16	69300200	40.0
1-Propanamine, 2-...	44.07	0.5	ug/l	929035	6	43.16	69300200	40.0
Oleylamine	44.52	0.3	ug/l	551345	6	43.16	69300200	40.0
Cyclopentanecarbo...	44.76	0.5	ug/l	818895	6	43.16	69300200	40.0
Cyclododecanol, 1...	45.12	0.3	ug/l	515196	6	43.16	69300200	40.0
Propanenitrile, 3...	45.81	0.3	ug/l	548043	6	43.16	69300200	40.0
1,3-Dioxane, 5-br...	46.38	0.3	ug/l	510703	6	43.16	69300200	40.0