User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:55:15

Sample: AE03252
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:54 Ended: 3/15/02 17:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AE03252 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:55:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside their acceptance ranges.

Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Mar 04 10:50:59 2002 Quant Results File: HP022102.RES

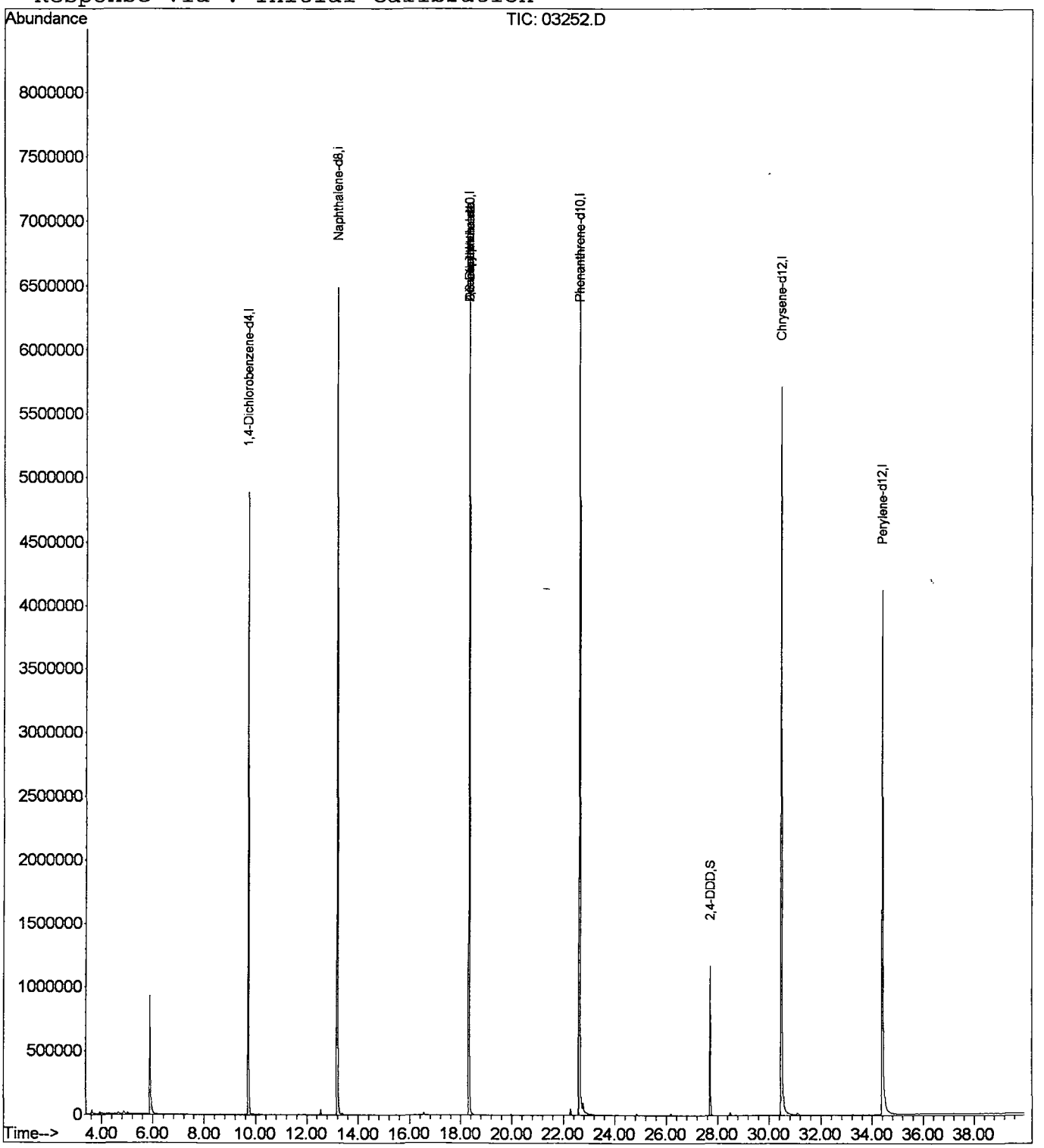
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1636975	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7017598	20.00	ug/L	0.00
17) Acenaphthene-d10	18.33	164	3553861	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	5953648	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4807507	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3291782	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	462235	5.82	ug/L	0.00
Spiked Amount 5.000			Recovery = 116.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.33	163	575197	2.67	ug/L #	58
21) 2,6-Dinitrotoluene	18.33	165	450354	9.05	ug/L #	27

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

Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Mar 4 10:50 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

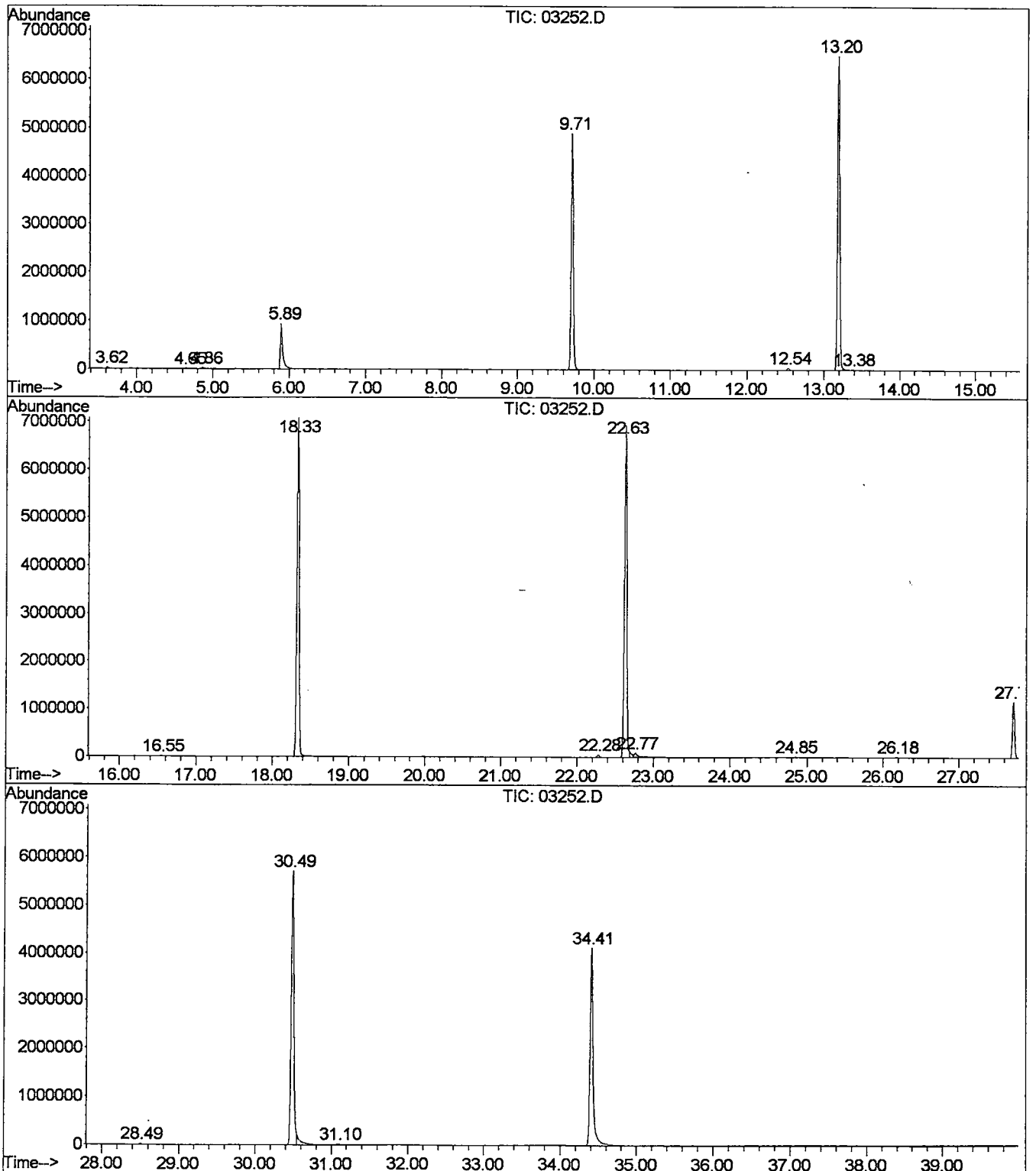
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	17	22	25	rBV	31187	50744	0.33%	0.062%
2	4.650	107	113	121	rVB4	11824	46251	0.30%	0.056%
3	4.864	129	132	143	rBV2	21838	65179	0.42%	0.079%
4	5.891	219	223	241	rBV	928399	1943684	12.55%	2.360%
5	9.707	557	561	567	rBV	4879733	9135849	58.99%	11.092%
6	12.541	807	812	815	rVV	43161	79551	0.51%	0.097%
7	13.195	865	870	875	rBV	6488126	13255236	85.59%	16.094%
8	13.376	883	886	895	rVB2	13480	31599	0.20%	0.038%
9	16.548	1161	1167	1171	rVB	18975	39417	0.25%	0.048%
10	18.332	1319	1325	1331	rBV	7080895	14486291	93.54%	17.589%
11	22.283	1669	1675	1681	rBV	51343	101994	0.66%	0.124%
12	22.633	1701	1706	1711	rBV2	6926815	15486034	100.00%	18.802%
13	22.768	1715	1718	1739	rVB	89607	358802	2.32%	0.436%
14	24.845	1897	1902	1917	rVV	11645	27223	0.18%	0.033%
15	26.178	2015	2020	2031	rVB3	14799	33218	0.21%	0.040%
16	27.724	2151	2157	2161	rBV	1170937	2238074	14.45%	2.717%
17	28.492	2221	2225	2229	rVV2	22234	41462	0.27%	0.050%
18	30.490	2395	2402	2407	rBV	5714195	13641215	88.09%	16.563%
19	31.099	2449	2456	2471	rVB2	17973	78383	0.51%	0.095%
20	34.407	2743	2749	2791	rBV	4118706	11221408	72.46%	13.625%

Sum of corrected areas: 82361614

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02MAR01\03252.D
Operator :
Acquired : 1 Mar 2002 8:57 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : March 1, 2002
Vial Number: 7
Quant File :HP022102.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

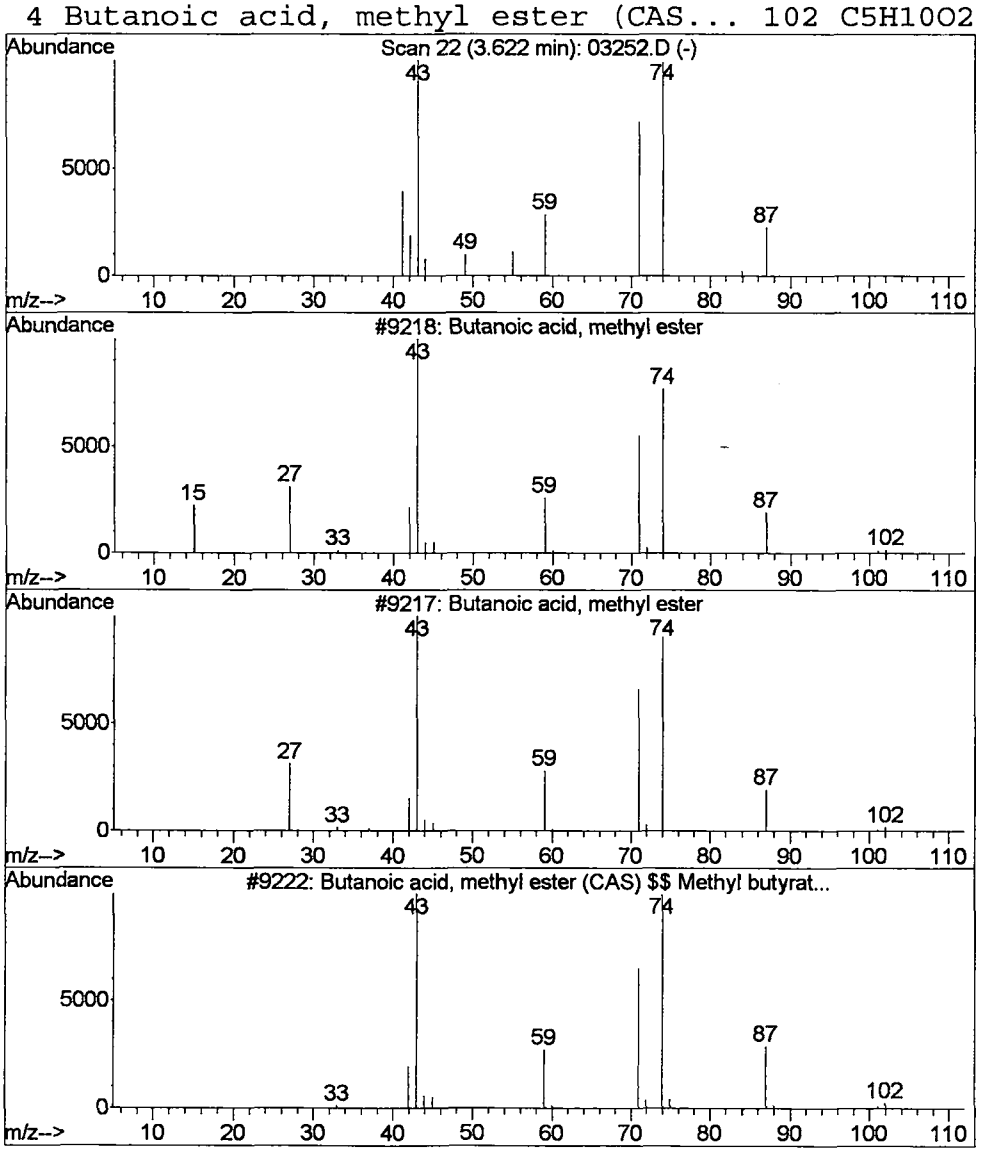
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

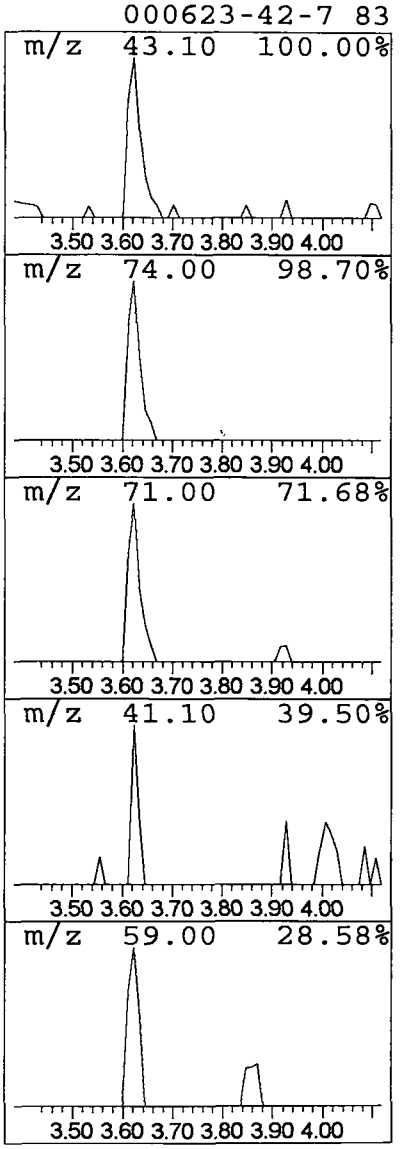
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.11 ug/L	50744	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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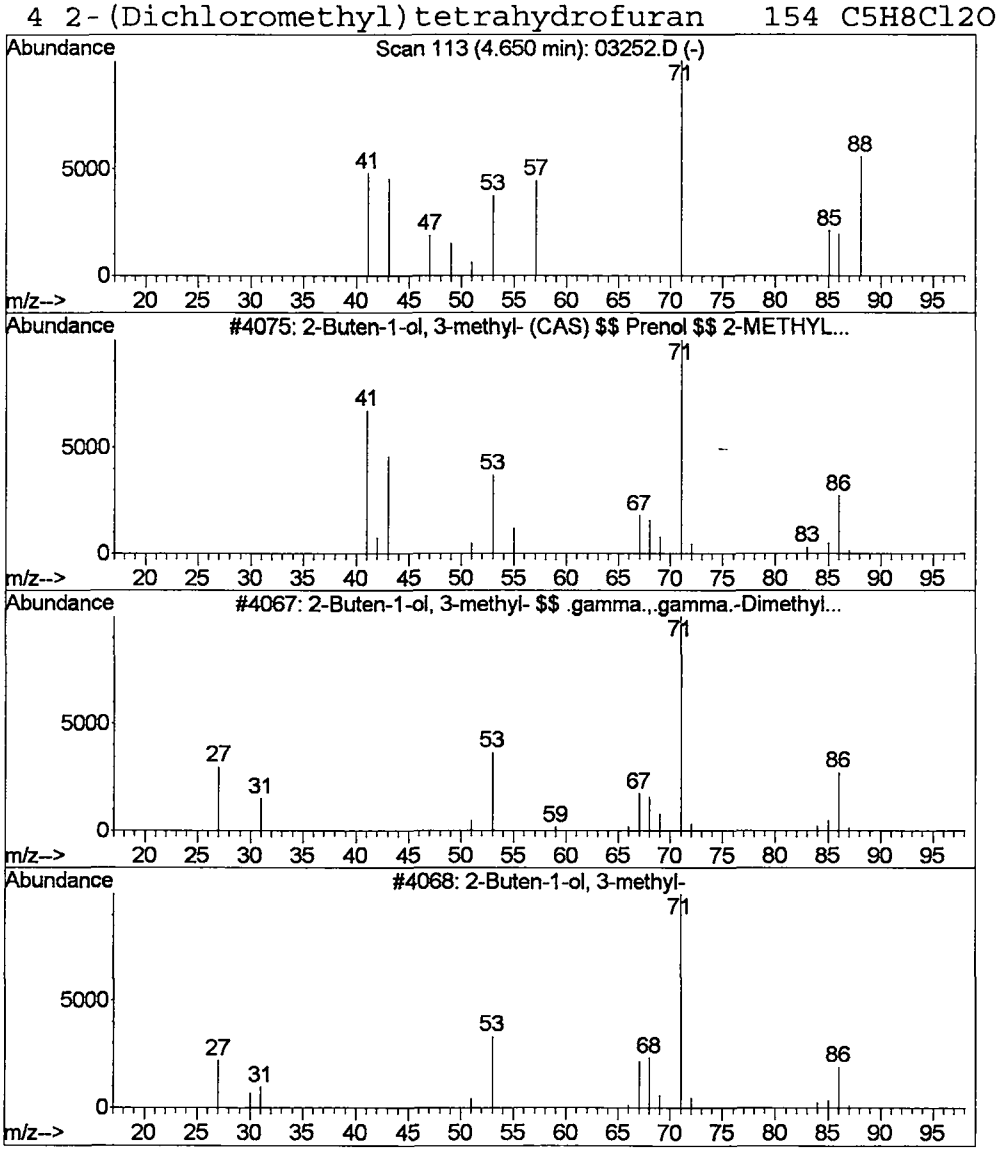
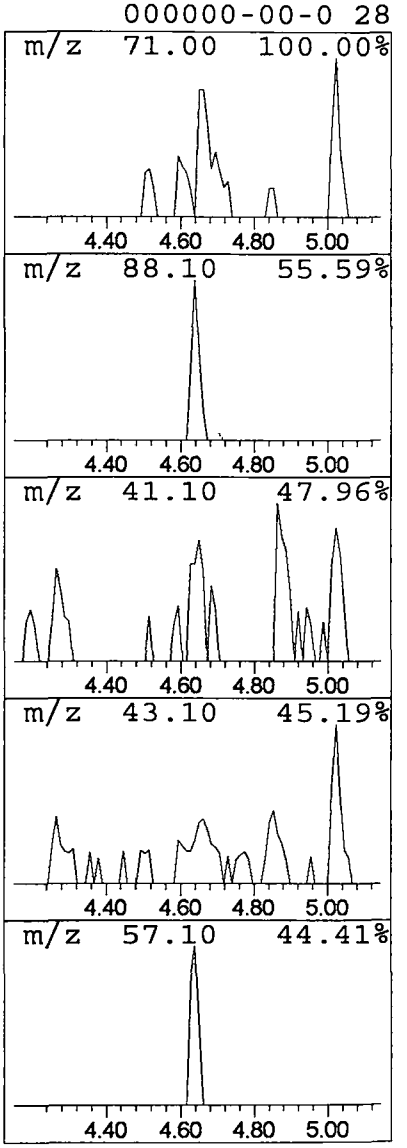
Peak Number 2 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	0.10 ug/L	46251	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	47
2	2-Buten-1-ol, 3-methyl- $$ .gamm...	86	C5H10O	000556-82-1	38
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4	2-(Dichloromethyl)tetrahydrofuran	154	C5H8Cl2O	000000-00-0	28





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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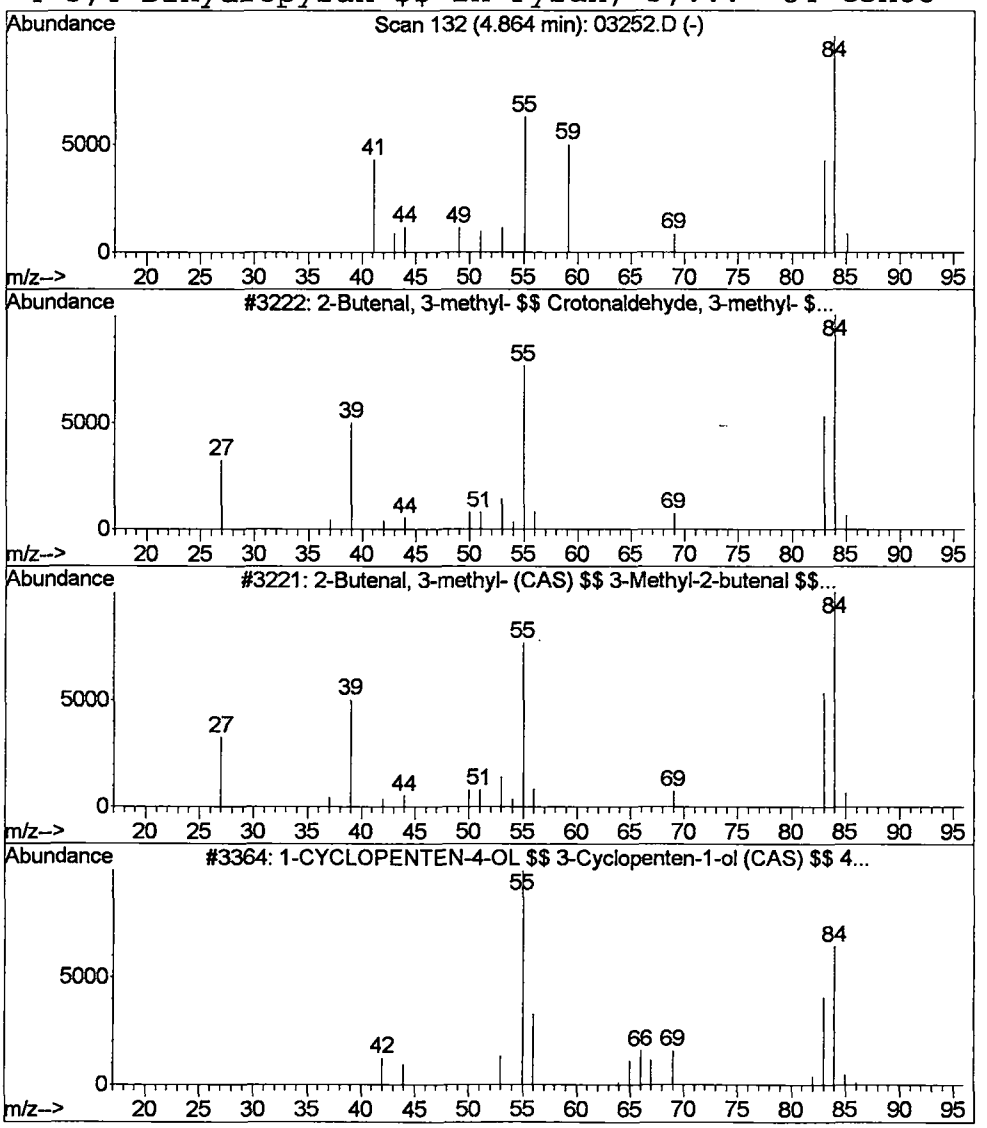
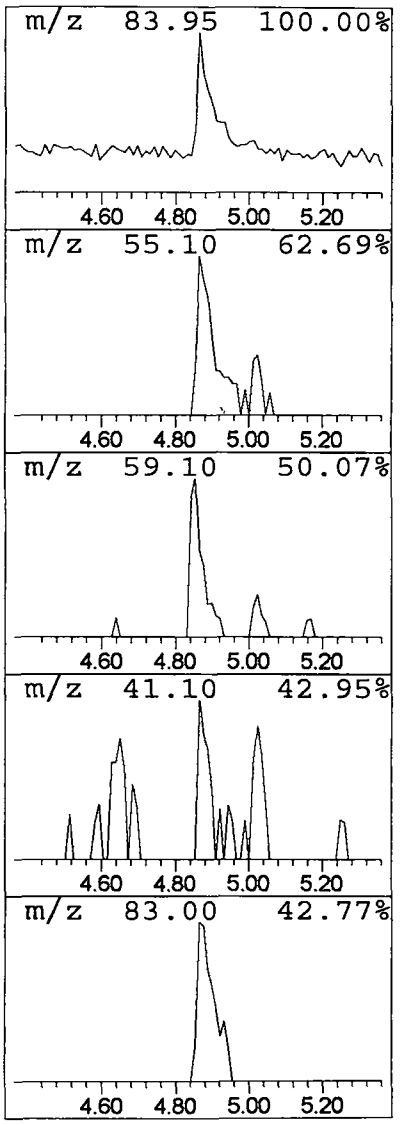
Peak Number 3 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	0.14 ug/L	65179	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	64
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	64
3	1-CYCLOPENTEN-4-OL $$ 3-Cyclopen...	84	C5H8O	014320-38-8	58
4	3,4-Dihydropyran $$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	53





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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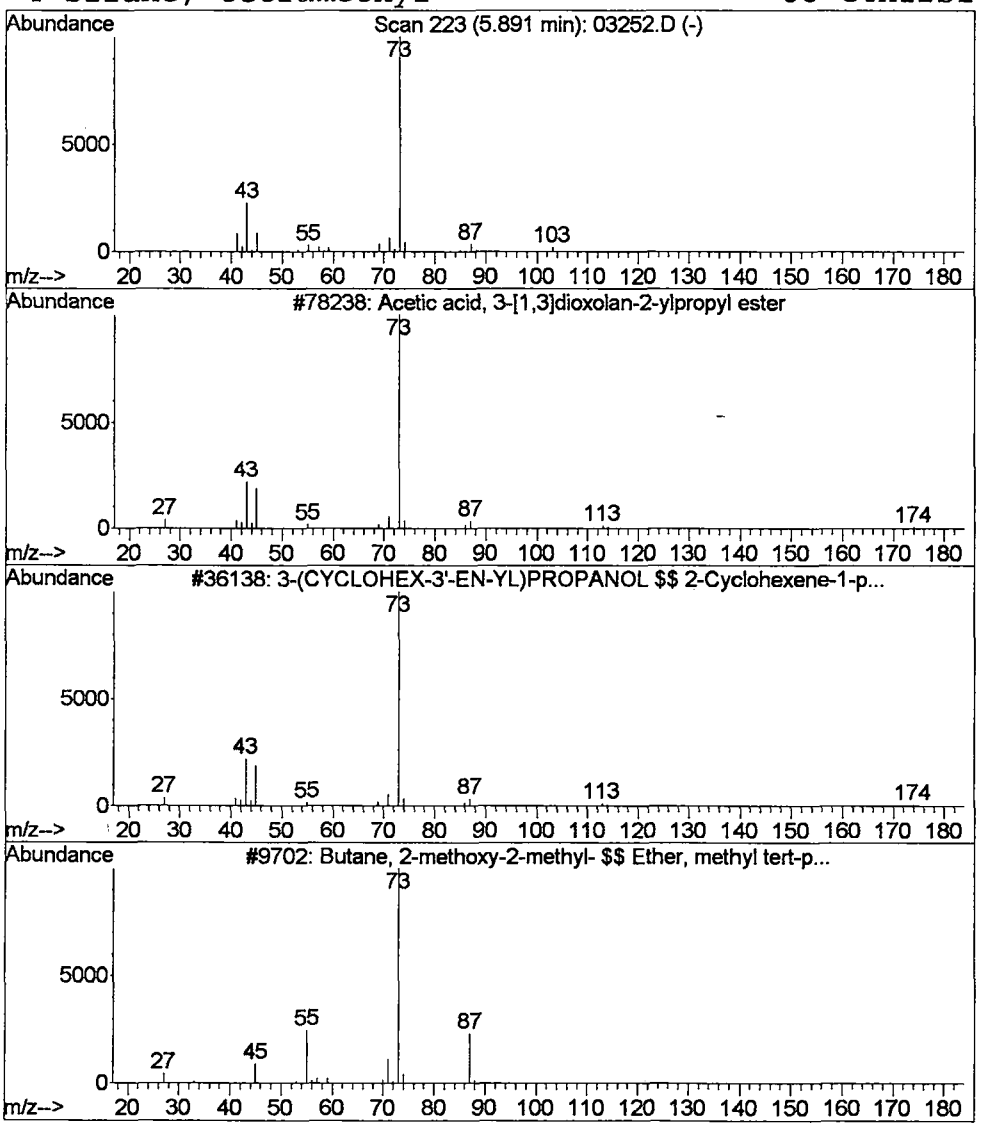
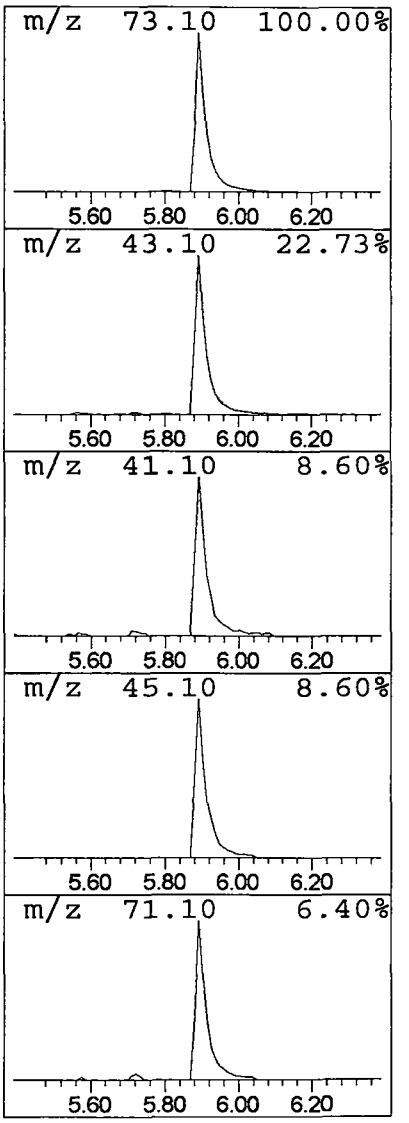
Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.26 ug/L	1943680	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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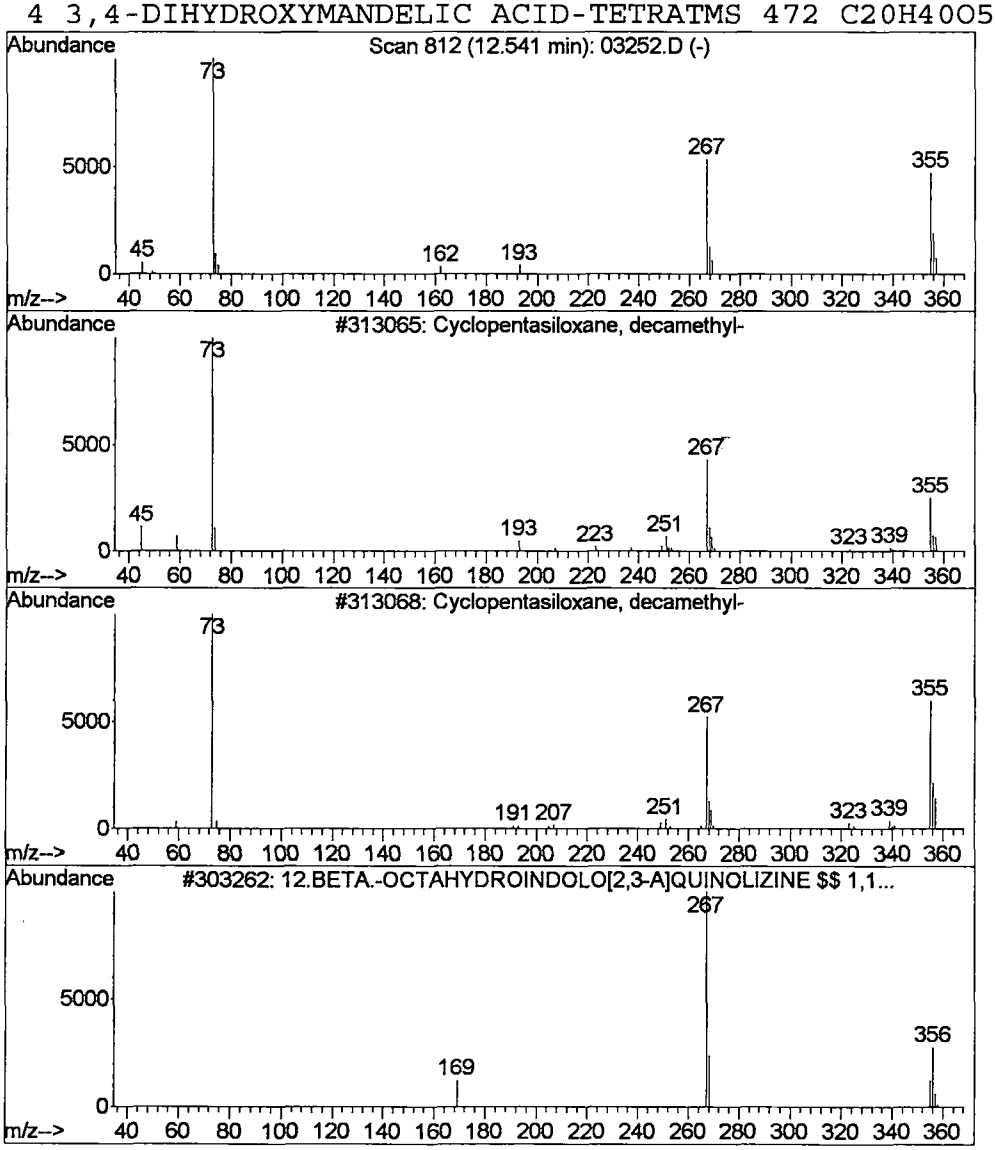
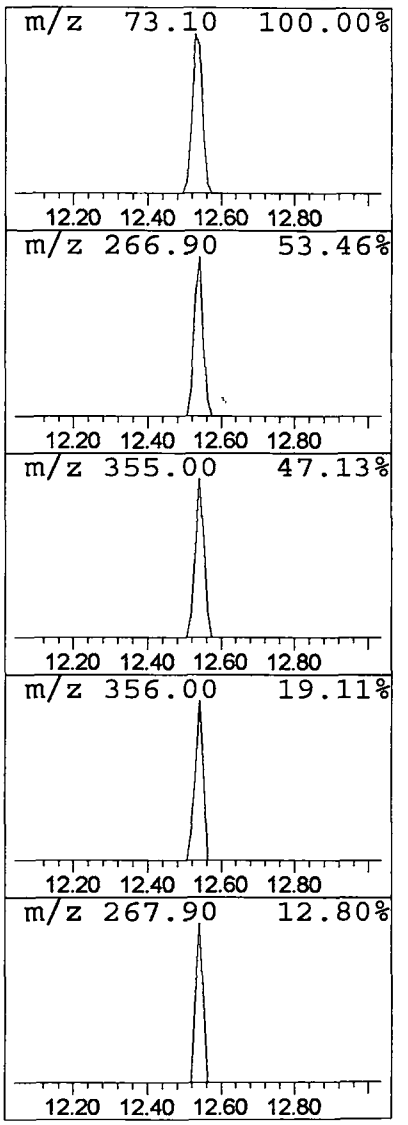
Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.12 ug/L	79551	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43
3	12.BETA.-OCTAHYDROINDOLO[2,3-A]Q...	356	C21H28N2O3	065634-80-2	38
4	3,4-DIHYDROXYMANDELIC ACID-TETRATMS	472	C20H40O5Si4	000000-00-0	38





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Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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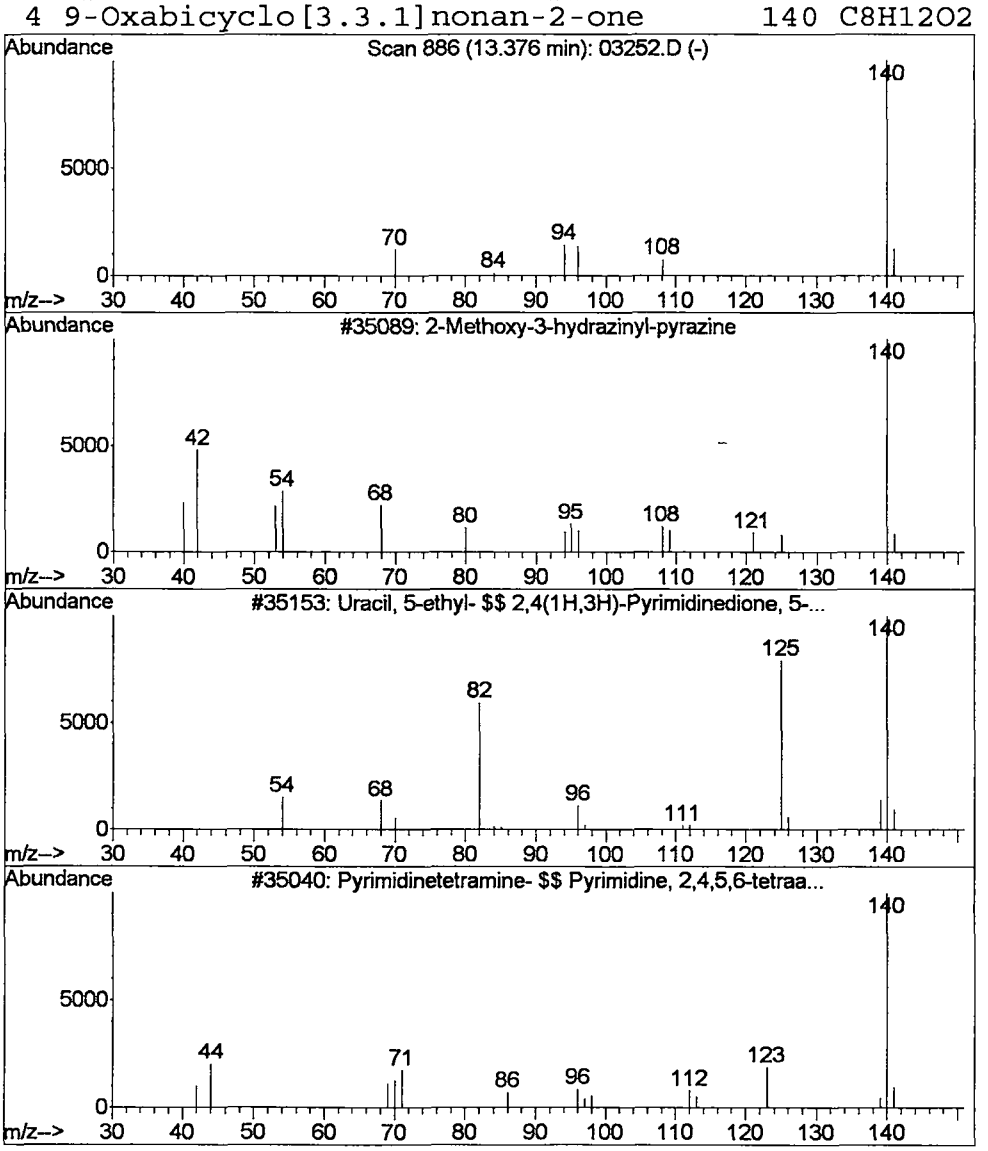
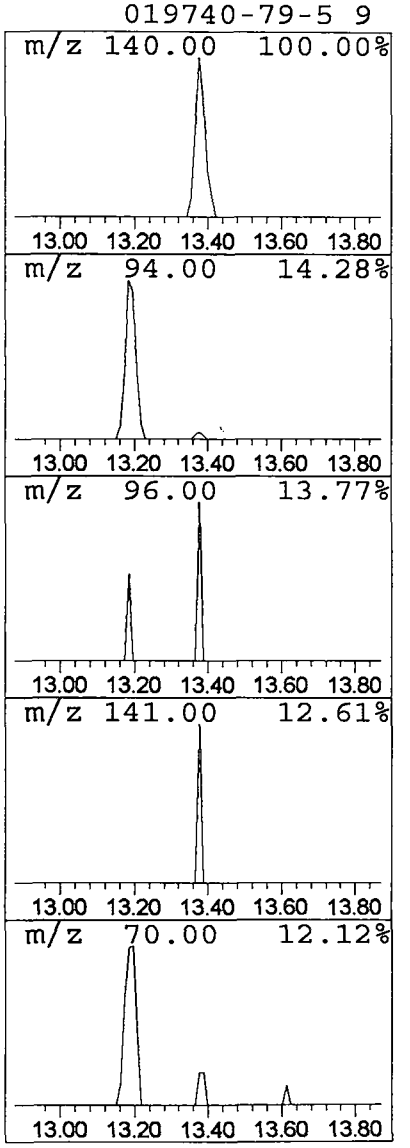
Peak Number 6 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	31599	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	64
2	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	64
3	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	64
4	9-Oxabicyclo[3.3.1]nonan-2-one	140	C8H12O2	019740-79-5	9





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

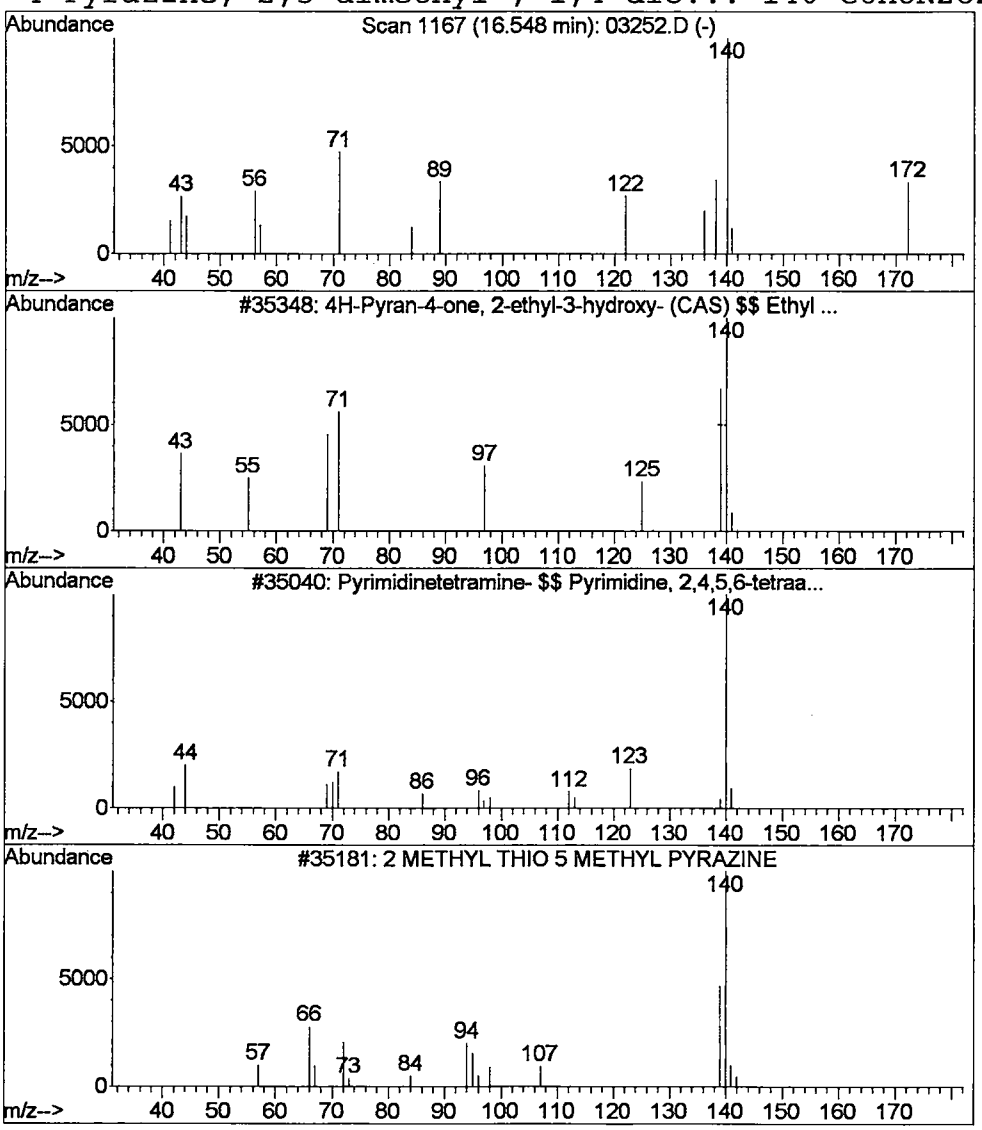
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

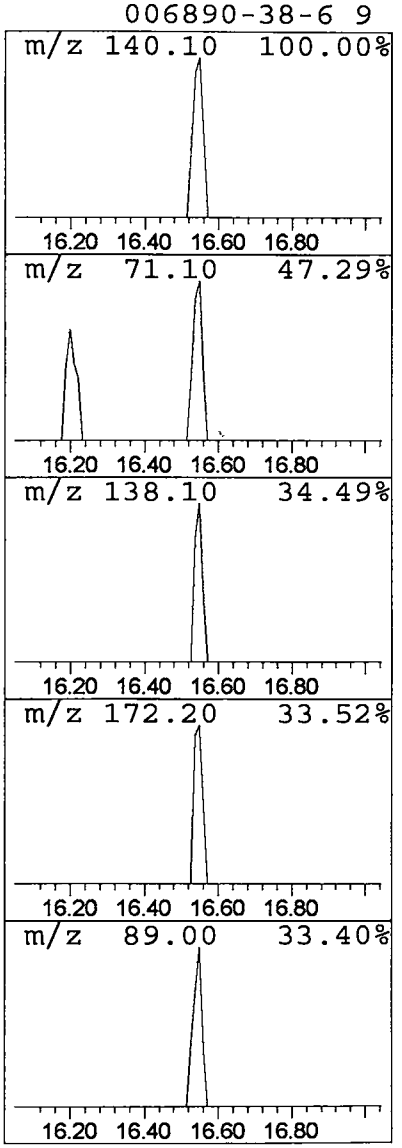
****

Peak Number 7 4H-Pyran-4-one, 2-ethyl-3-h... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	39417	Acenaphthene-d10	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	32
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	9
3	2 METHYL THIO 5 METHYL PYRAZINE	140	C6H8N2S	000000-00-0	9
4	Pyrazine, 2,5-dimethyl-, 1,4-dio...	140	C6H8N2O2	006890-38-6	9





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
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Library : C:\DATABASE\WILEY7N.L

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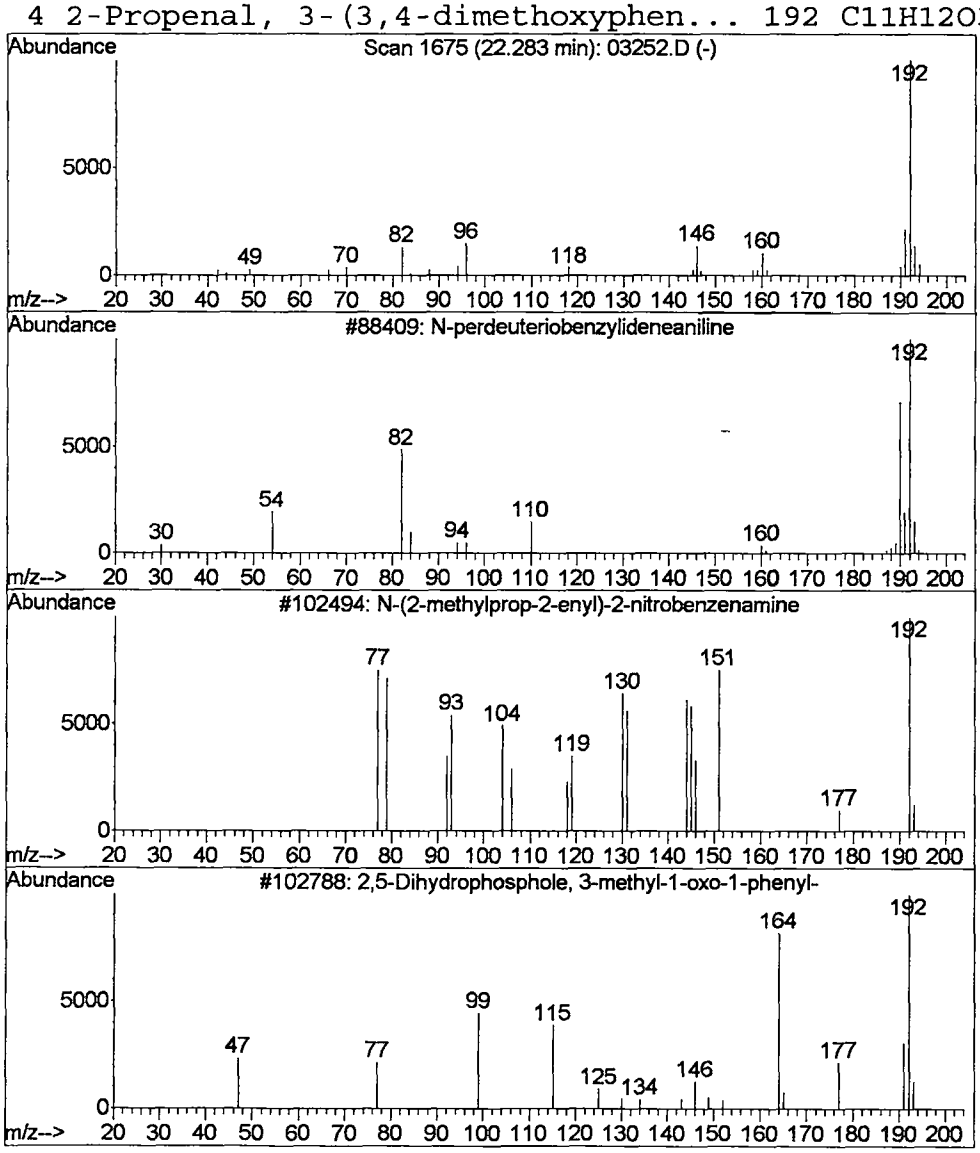
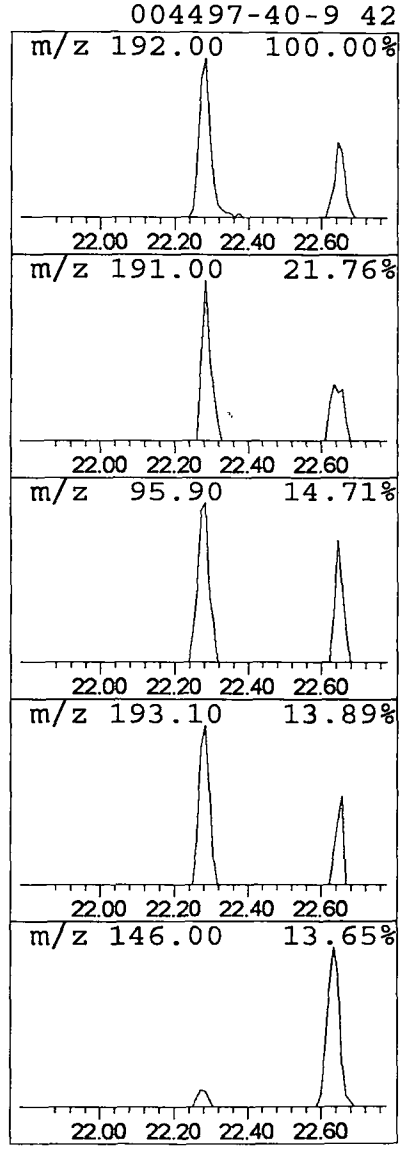
Peak Number 8 N-perdeuteriobenzylideneani... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	101994	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
2	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
3	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	000000-00-0	45
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42





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Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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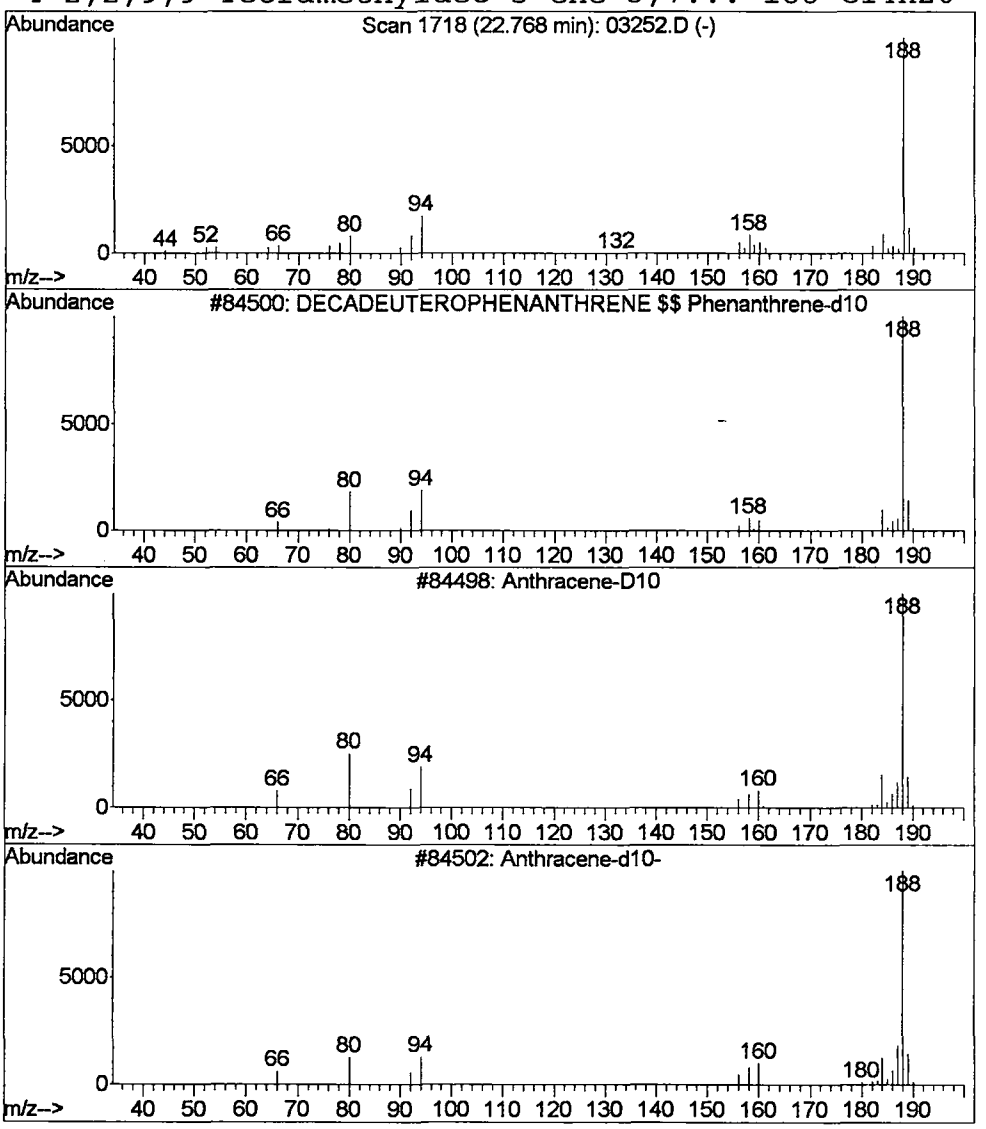
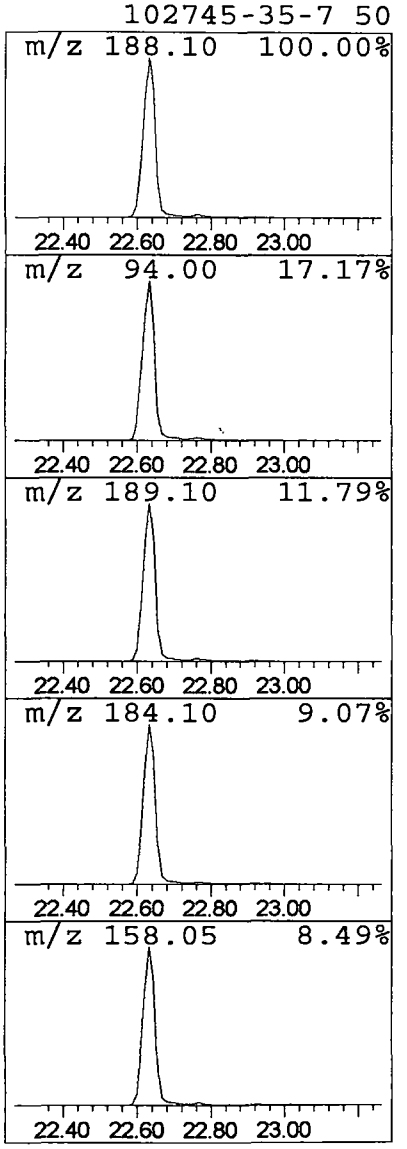
Peak Number 9 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.46 ug/L	358802	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
2	Anthracene-D10	188	C14D10	000000-00-0	59
3	Anthracene-d10-	188	C14D10	001719-06-8	53
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	50





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
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Library : C:\DATABASE\WILEY7N.L

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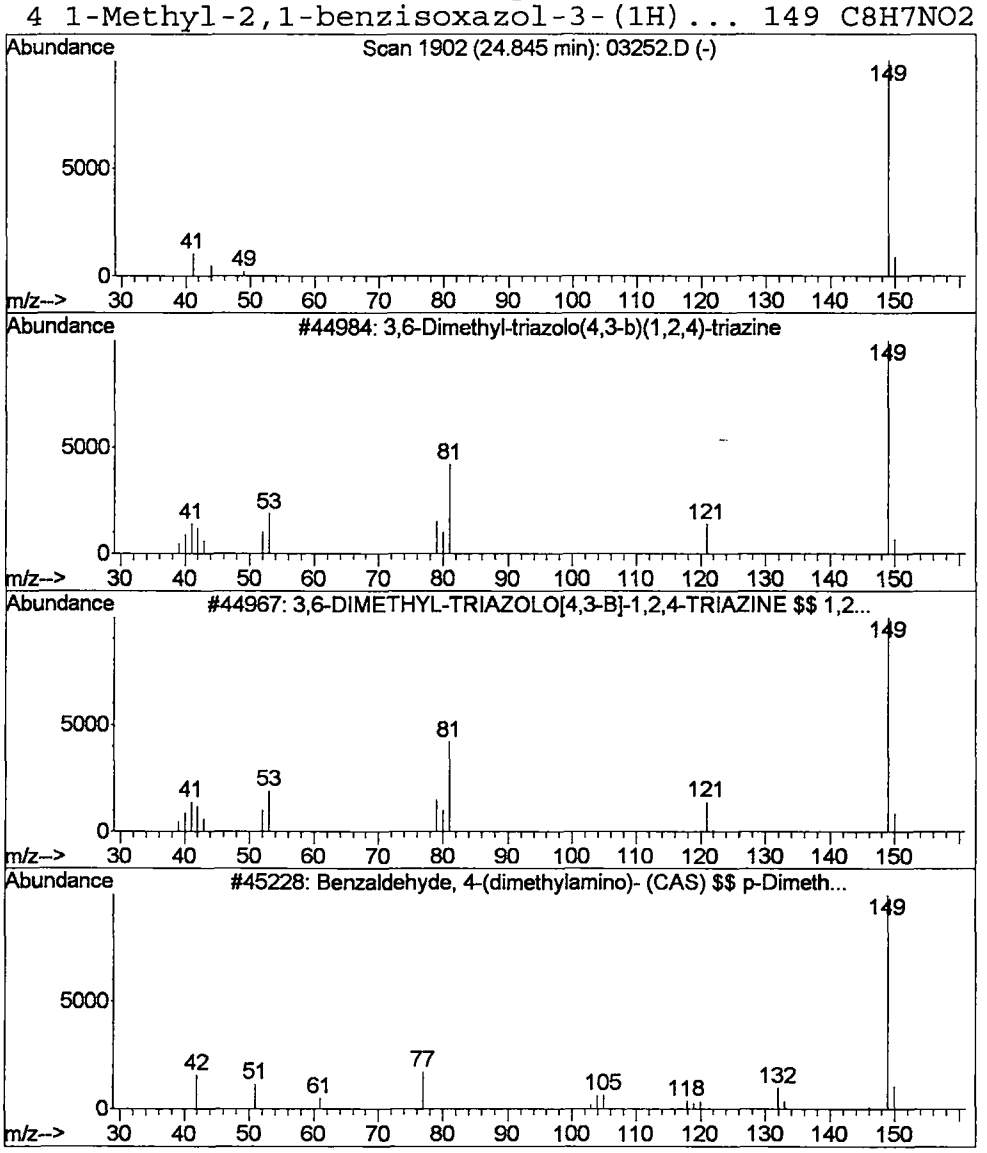
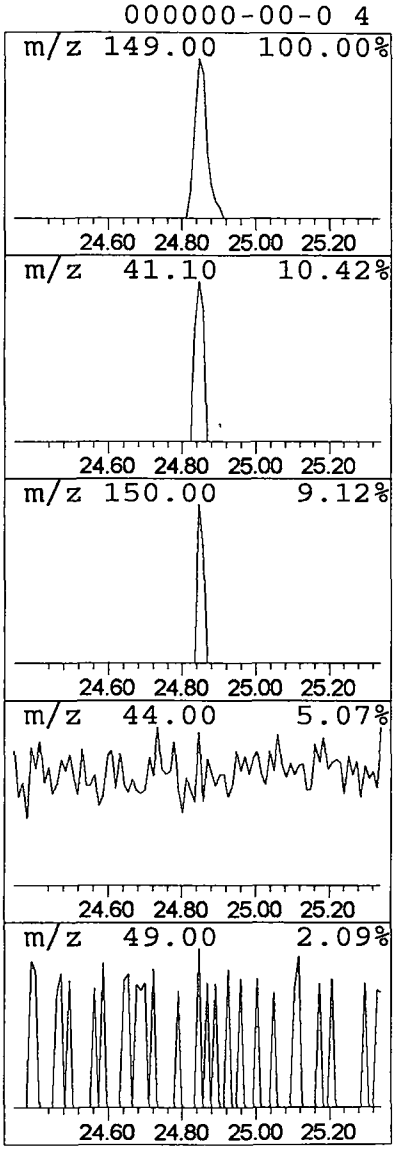
Peak Number 10 3,6-Dimethyl-triazolo(4,3-b... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.04 ug/L	27223	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	000000-00-0	5
2	3,6-DIMETHYL-TRIAZOLO[4,3-B]-1,2...	149	C6H7N5	061139-71-7	5
3	Benzaldehyde, 4-(dimethylamino)-...	149	C9H11NO	000100-10-7	4
4	1-Methyl-2,1-benzisoxazol-3-(1H)...	149	C8H7NO2	000000-00-0	4





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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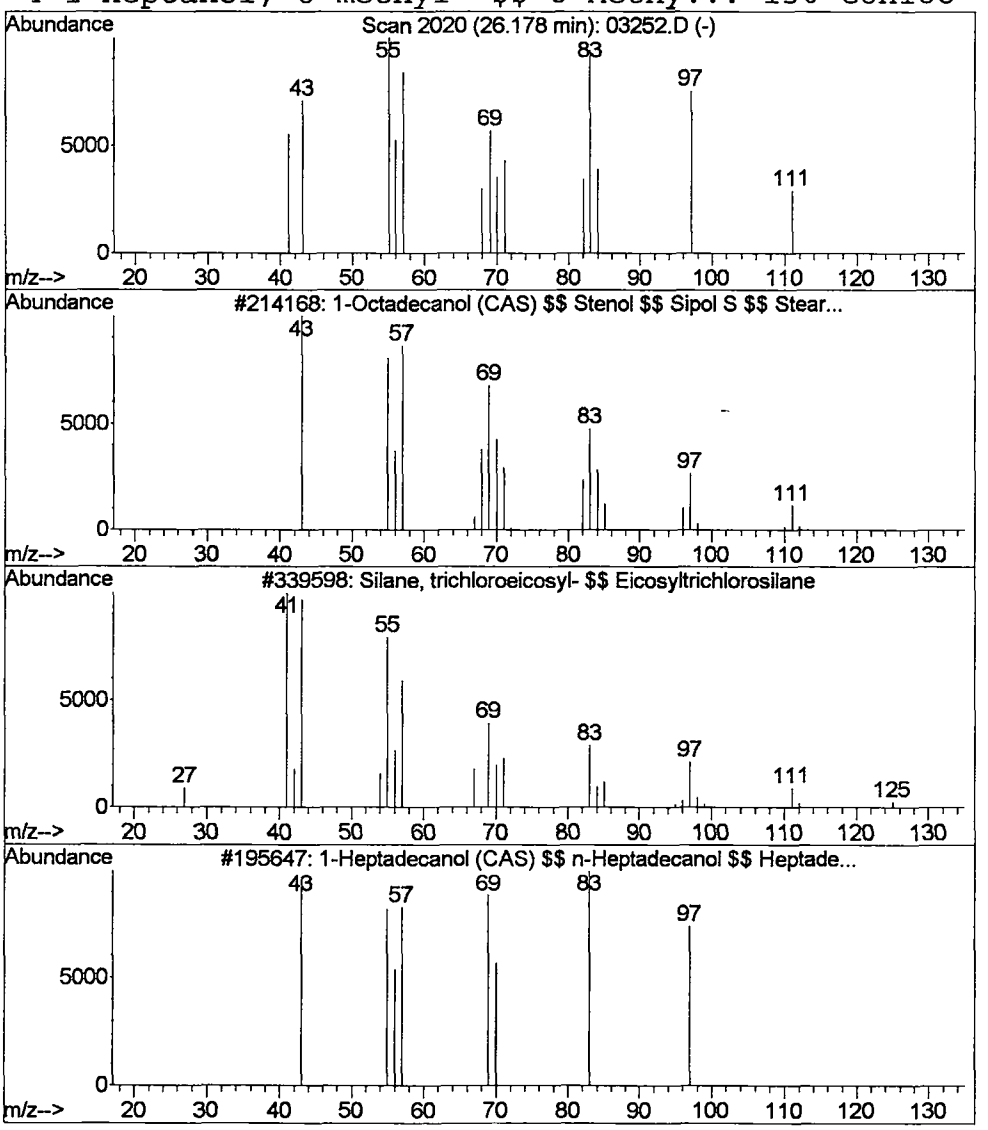
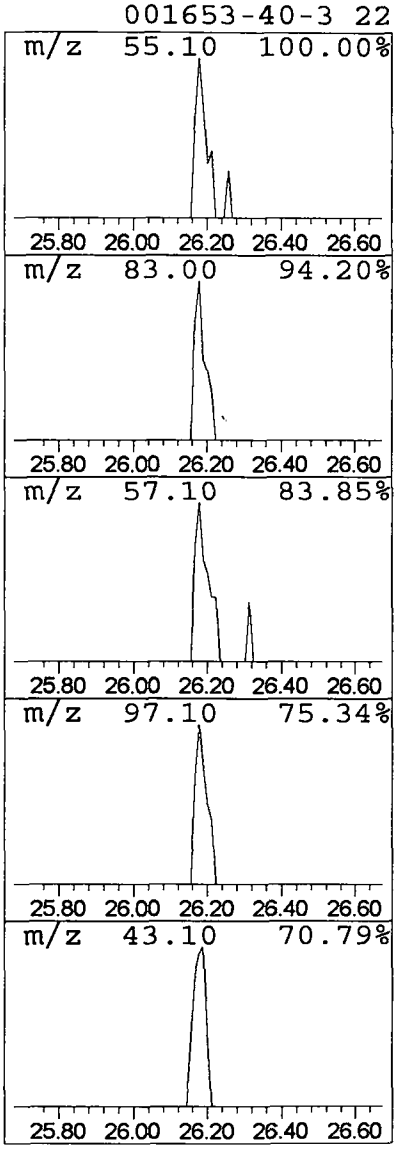
Peak Number 11 1-Octadecanol (CAS) $$ Sten... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	0.04 ug/L	33218	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol (CAS) $$ Stenol $$...	270	C18H38O	000112-92-5	50
2	Silane, trichloroeicosyl- $$ Eic...	414	C20H41Cl3Si	018733-57-8	40
3	1-Heptadecanol (CAS) $$ n-Heptad...	256	C17H36O	001454-85-9	37
4	1-Heptanol, 6-methyl- $$ 6-Methy...	130	C8H18O	001653-40-3	22





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
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Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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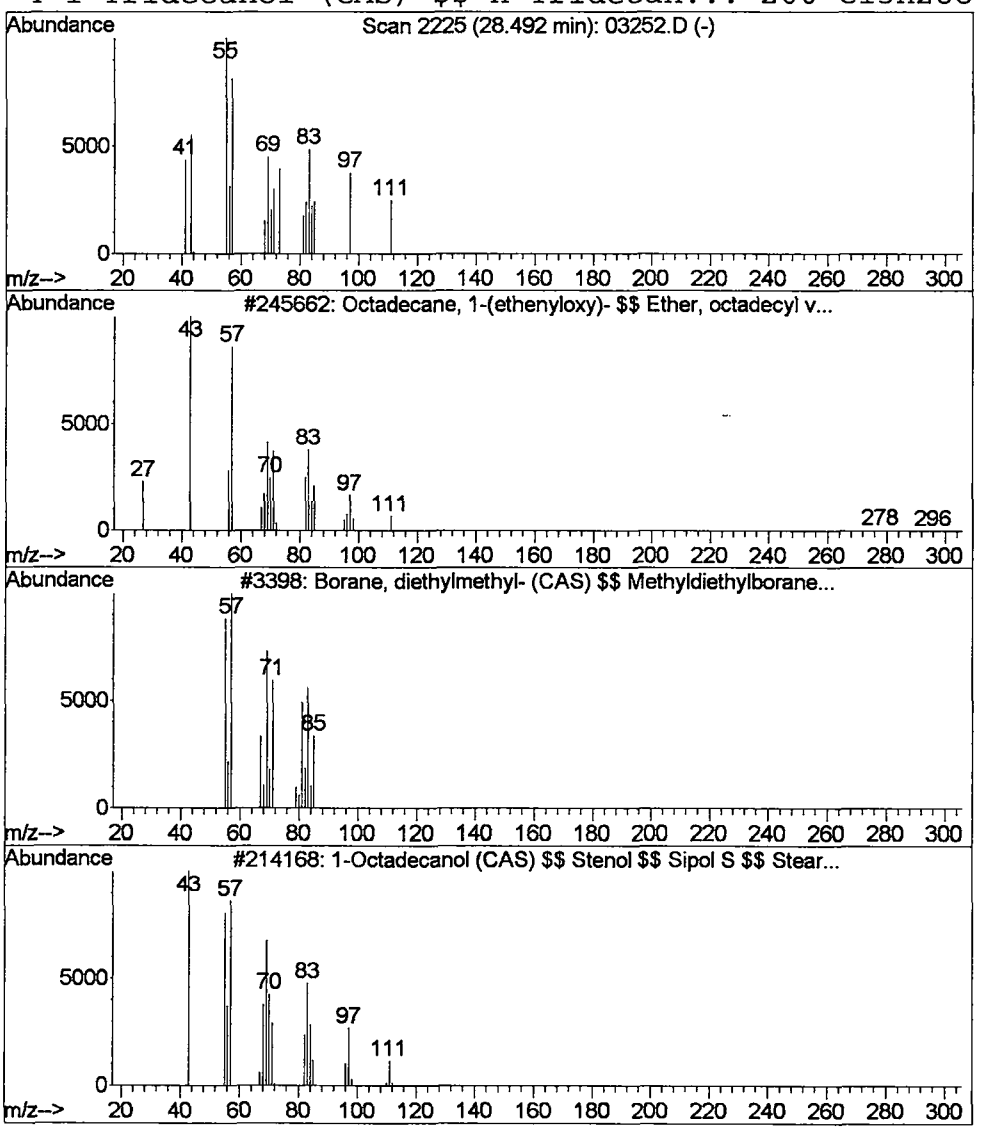
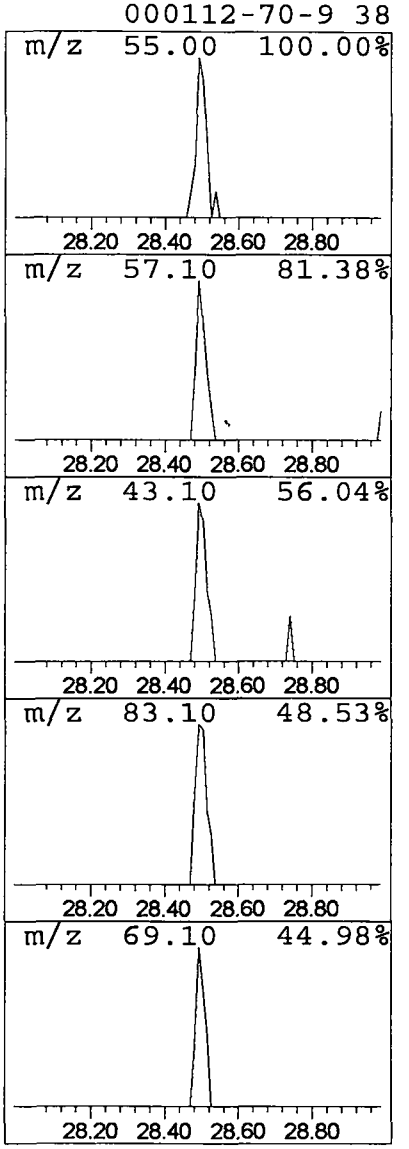
Peak Number 12 Octadecane, 1-(ethenyloxy)-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.49	0.06 ug/L	41462	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)- $$ E...	296	C20H40O	000930-02-9	59
2	Borane, diethylmethyl- (CAS) $$ ...	84	C5H13B	001115-07-7	43
3	1-Octadecanol (CAS) $$ Stenol $$...	270	C18H38O	000112-92-5	40
4	1-Tridecanol (CAS) $$ n-Tridecan...	200	C13H28O	000112-70-9	38





Data File : C:\MSDCHEM\1\5973N\02MAR01\03252.D Vial: 7
Acq On : 1 Mar 2002 8:57 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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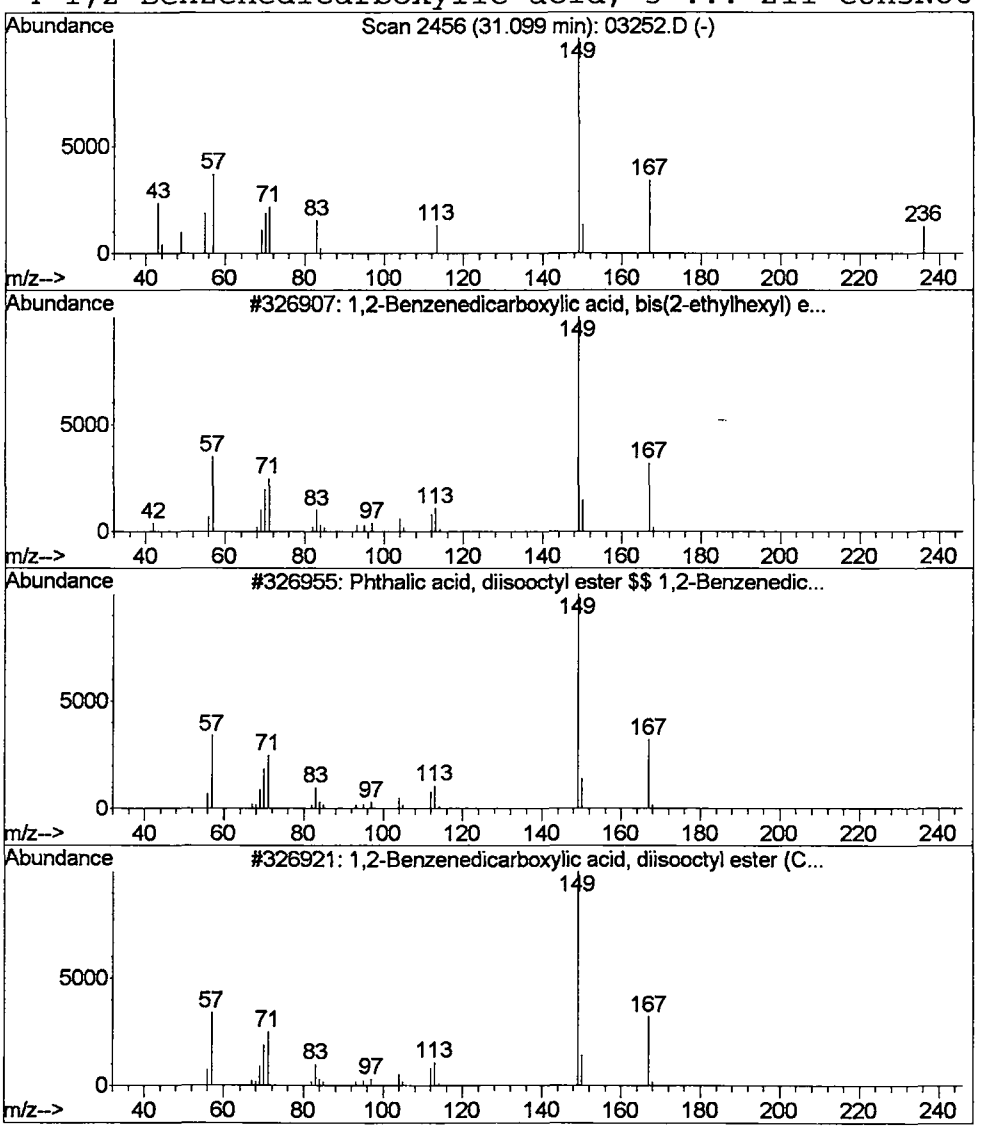
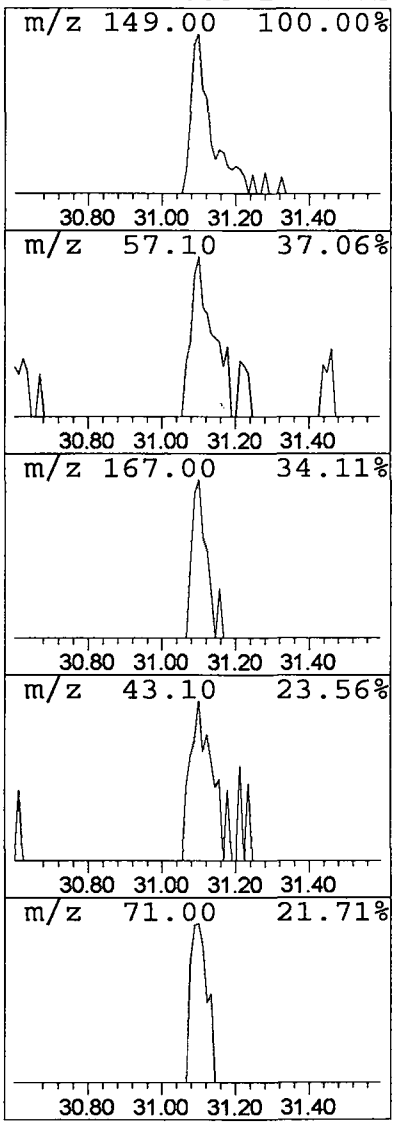
Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.11 ug/L	78383	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	78
2	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	78
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	78
4	1,2-Benzenedicarboxylic acid, 3-...	211	C8H5NO6	000603-11-2	72





Operator ID: Date Acquired: 1 Mar 2002 8:57 pm
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Misc: March 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	50744	1	9.71	9135850	20.0
2-Buten-1-ol, 3-m...	4.65	0.1	ug/L	46251	1	9.71	9135850	20.0
2-Butenal, 3-meth...	4.86	0.1	ug/L	65179	1	9.71	9135850	20.0
Acetic acid, 3-[1...	5.89	4.3	ug/L	1943680	1	9.71	9135850	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	79551	2	13.20	13255200	20.0
2-Methoxy-3-hydra...	13.38	0.0	ug/L	31599	2	13.20	13255200	20.0
4H-Pyran-4-one, 2...	16.55	0.1	ug/L	39417	3	18.33	14486300	20.0
N-perdeuteriobenz...	22.28	0.1	ug/L	101994	4	22.63	15486000	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	358802	4	22.63	15486000	20.0
3,6-Dimethyl-tria...	24.85	0.0	ug/L	27223	4	22.63	15486000	20.0
1-Octadecanol (CA...	26.18	0.0	ug/L	33218	4	22.63	15486000	20.0
Octadecane, 1-(et...	28.49	0.1	ug/L	41462	5	30.49	13641200	20.0
1,2-Benzenedicarb...	31.10	0.1	ug/L	78383	5	30.49	13641200	20.0