User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:51:27

Sample: AE03249
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:51 Ended: 3/15/02 17:51 Analyst: DLV
Page: 1

No.	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		124		5.0

Comments for Sample AE03249 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:52:15

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\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Mar 04 10:50:54 2002 Quant Results File: HP022102.RES

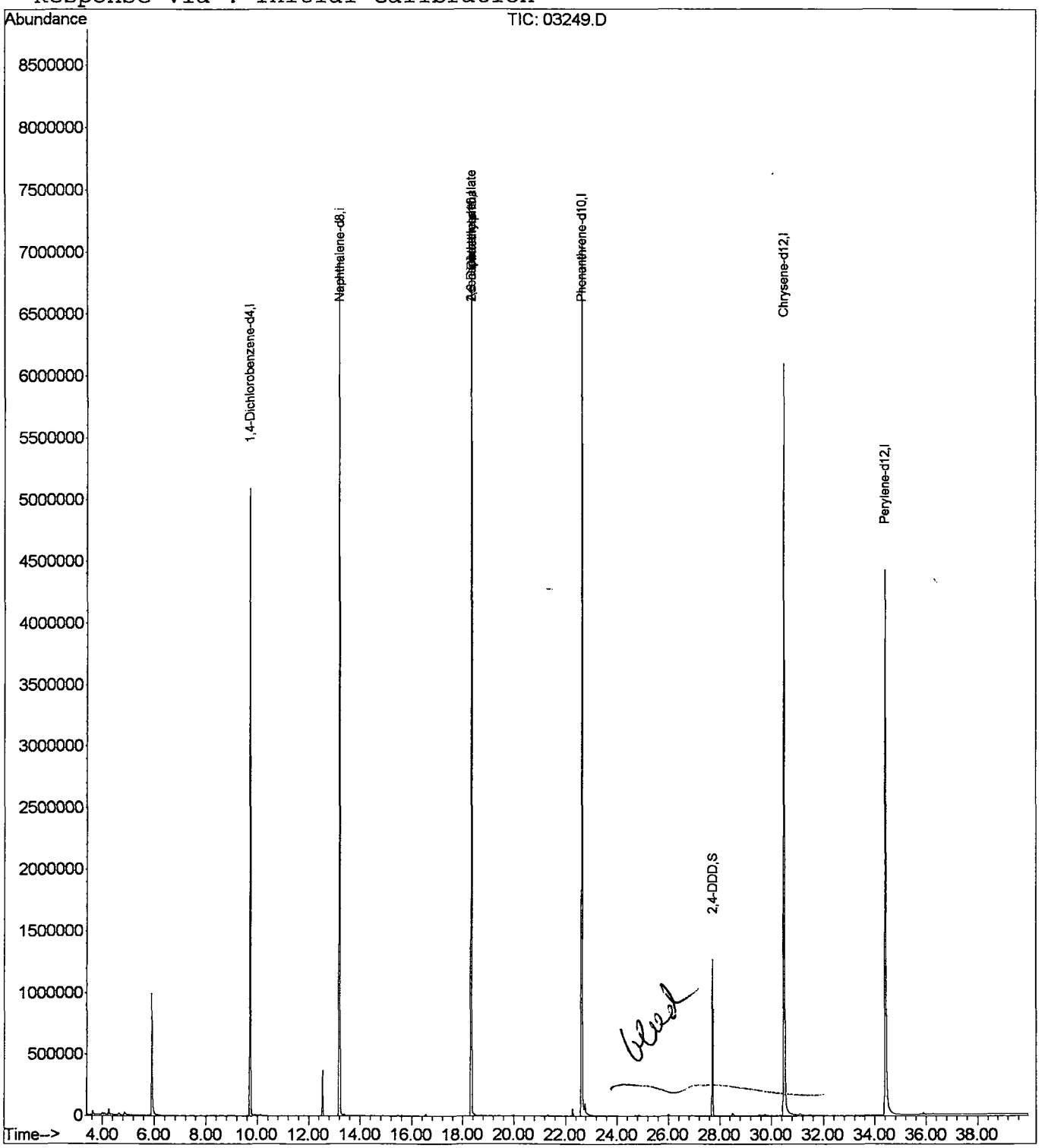
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1722810	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7535915	20.00	ug/L	0.00
17) Acenaphthene-d10	18.33	164	3793298	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	6204823	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	5100831	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3627776	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	513535	6.21	ug/L	0.00
Spiked Amount 5.000			Recovery = 124.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	614674	2.67	ug/L #	58
21) 2,6-Dinitrotoluene	18.33	165	481667	9.06	ug/L #	27

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

Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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

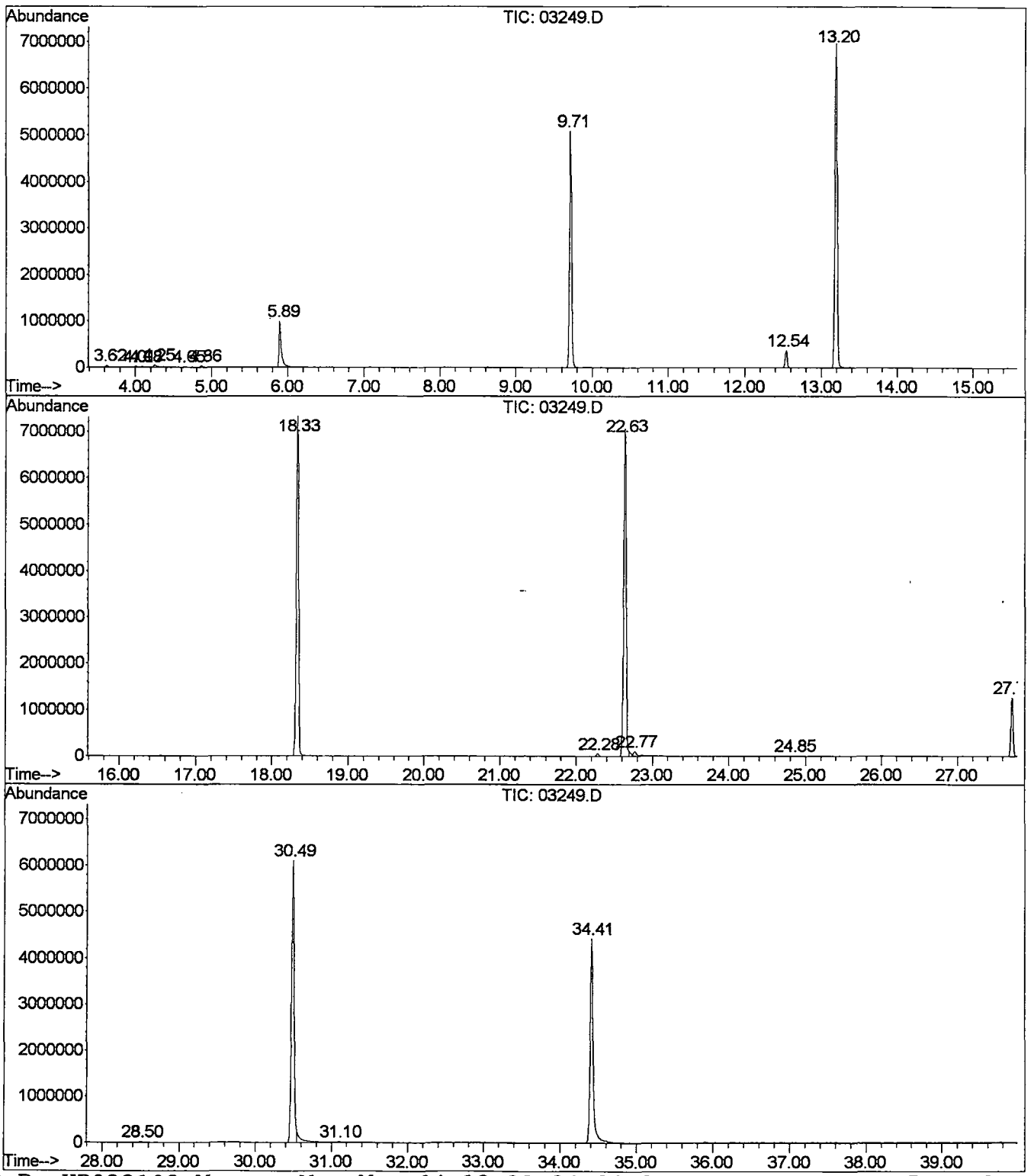
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	25	rBV	32834	50757	0.31%	0.057%
2	4.006	53	56	61	rBV	16283	37581	0.23%	0.042%
3	4.085	61	63	69	rVV2	14731	36462	0.22%	0.041%
4	4.254	73	78	85	rVV3	45691	104920	0.65%	0.118%
5	4.649	107	113	125	rVB4	16242	55797	0.34%	0.063%
6	4.864	129	132	141	rBV2	25721	86674	0.53%	0.098%
7	5.891	219	223	241	rBV	992784	1968053	12.13%	2.219%
8	9.707	557	561	567	rBV	5091544	9622642	59.29%	10.852%
9	12.540	807	812	817	rVB	370675	650645	4.01%	0.734%
10	13.195	865	870	875	rBV	6968694	14302072	88.12%	16.129%
11	18.332	1319	1325	1331	rBV	7326520	15481953	95.39%	17.459%
12	22.283	1671	1675	1681	rVV	59907	119063	0.73%	0.134%
13	22.633	1701	1706	1711	rBV2	7061351	16229751	100.00%	18.303%
14	22.768	1715	1718	1729	rVB	94481	277695	1.71%	0.313%
15	24.845	1897	1902	1907	rBV	14661	35736	0.22%	0.040%
16	27.724	2151	2157	2161	rBV	1269980	2470620	15.22%	2.786%
17	28.503	2223	2226	2233	rBV2	22940	66111	0.41%	0.075%
18	30.490	2395	2402	2407	rBV2	6099390	14645662	90.24%	16.516%
19	31.099	2453	2456	2471	rVB5	15126	60268	0.37%	0.068%
20	34.407	2743	2749	2789	rBV	4424158	12371637	76.23%	13.952%

Sum of corrected areas: 88674099

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02MAR01\03249.D
Operator :
Acquired : 1 Mar 2002 6:28 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : March 1, 2002
Vial Number: 4
Quant File :HP022102.RES (RTE Integrator)



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Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D          Vial: 4
Acq On    :  1 Mar 2002    6:28 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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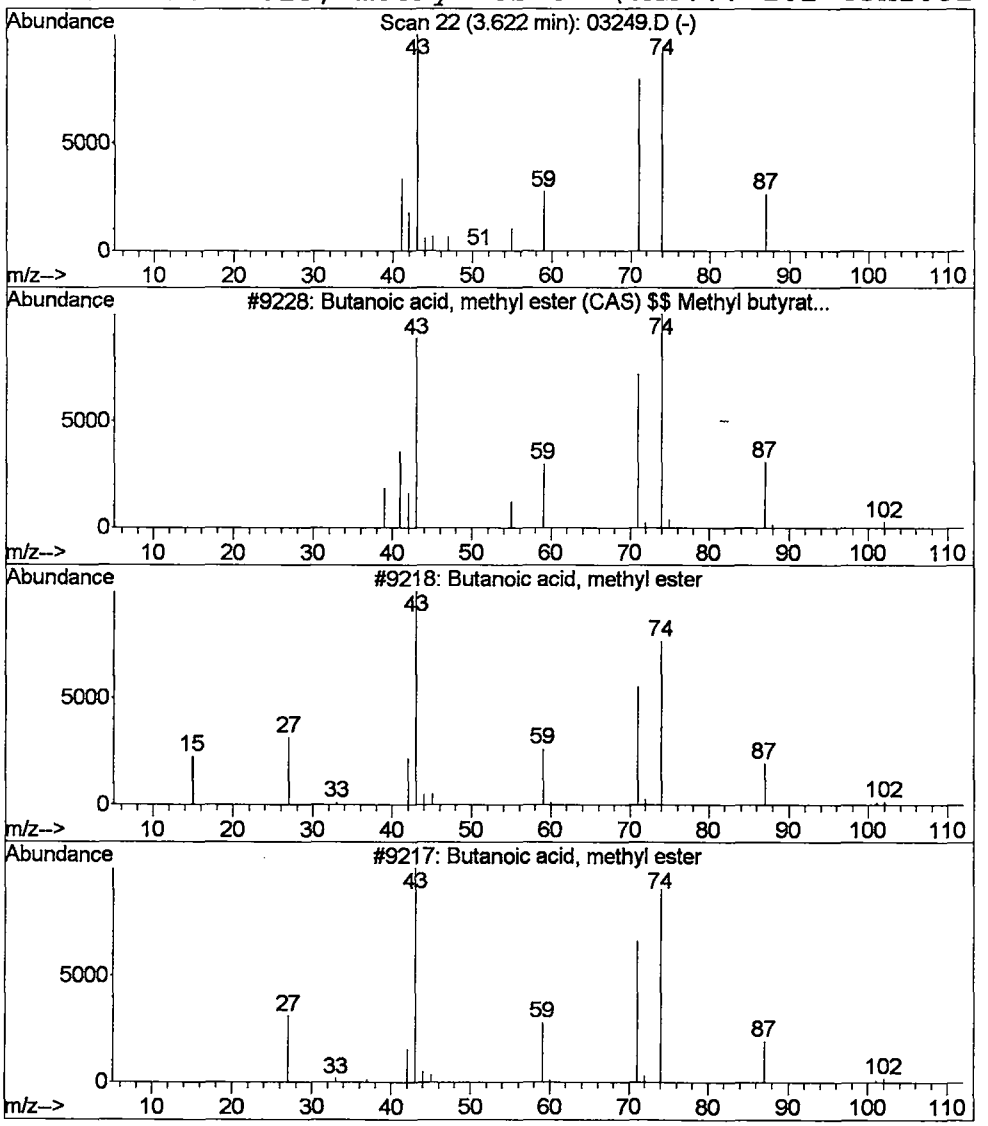
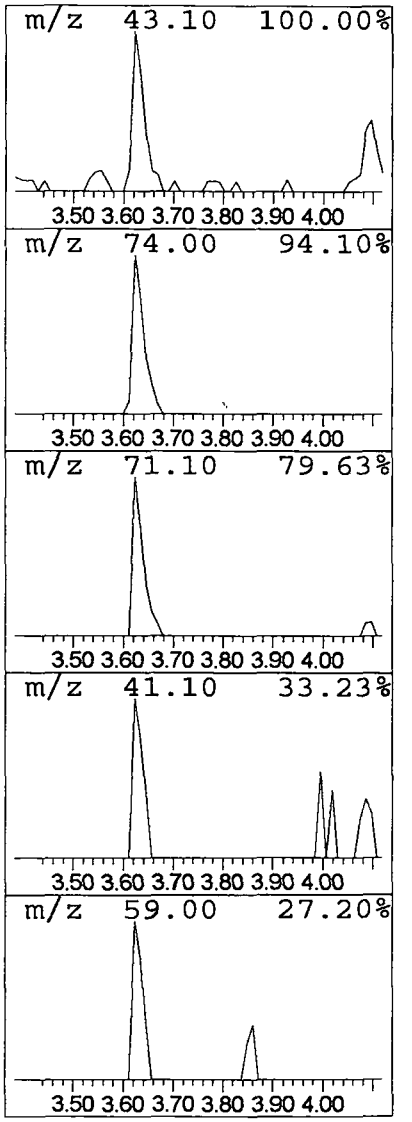
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.11 ug/L	50757	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester	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\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

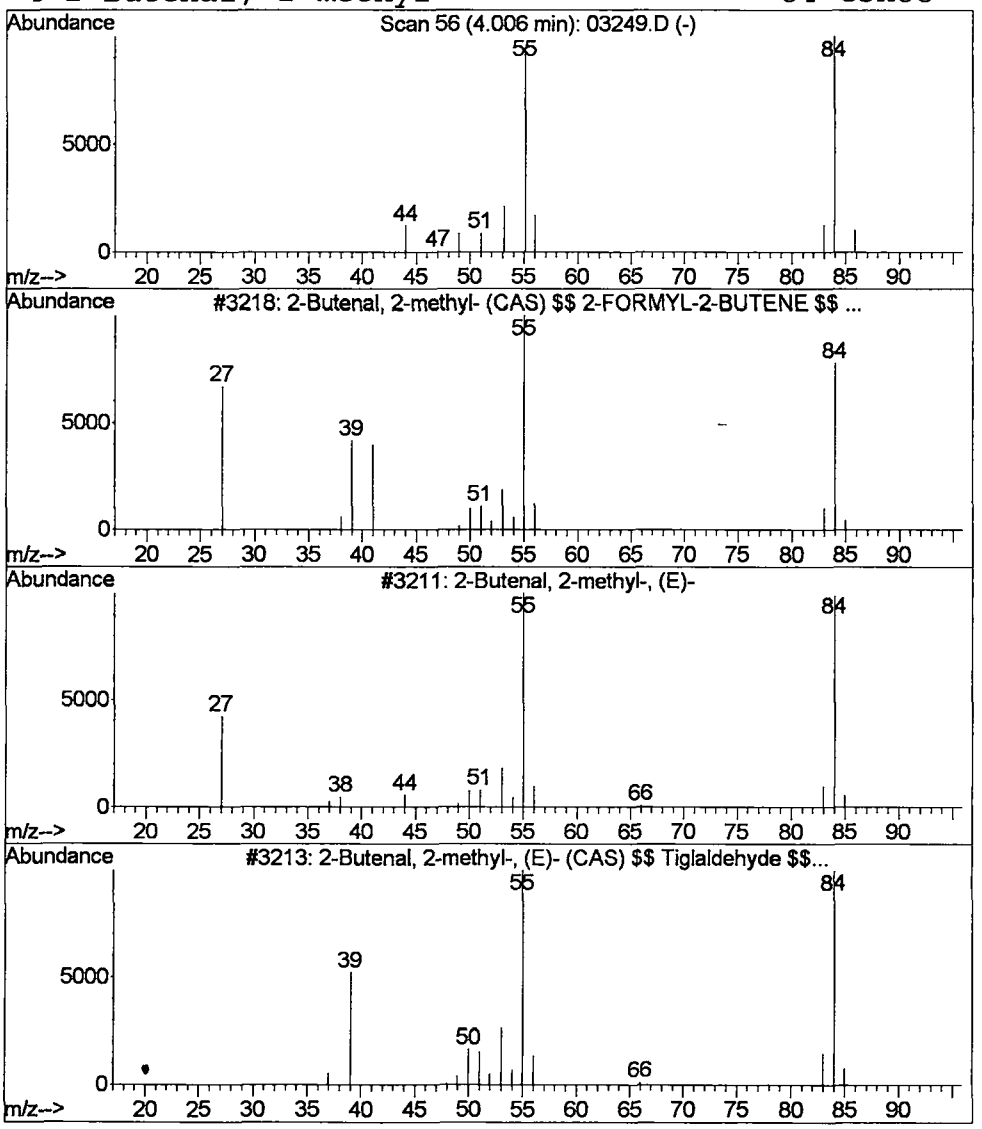
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

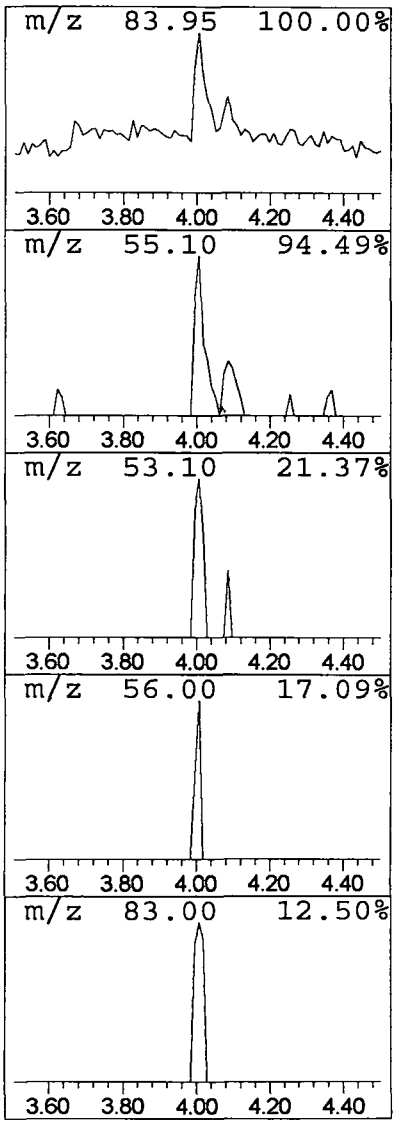
****

Peak Number 2 2-Butenal, 2-methyl- (CAS) ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	0.08 ug/L	37581	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl- (CAS) $$ 2-...	84	C5H8O	001115-11-3	86
2	2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	86
3	2-Butenal, 2-methyl-, (E)- (CAS)...	84	C5H8O	000497-03-0	86
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	86





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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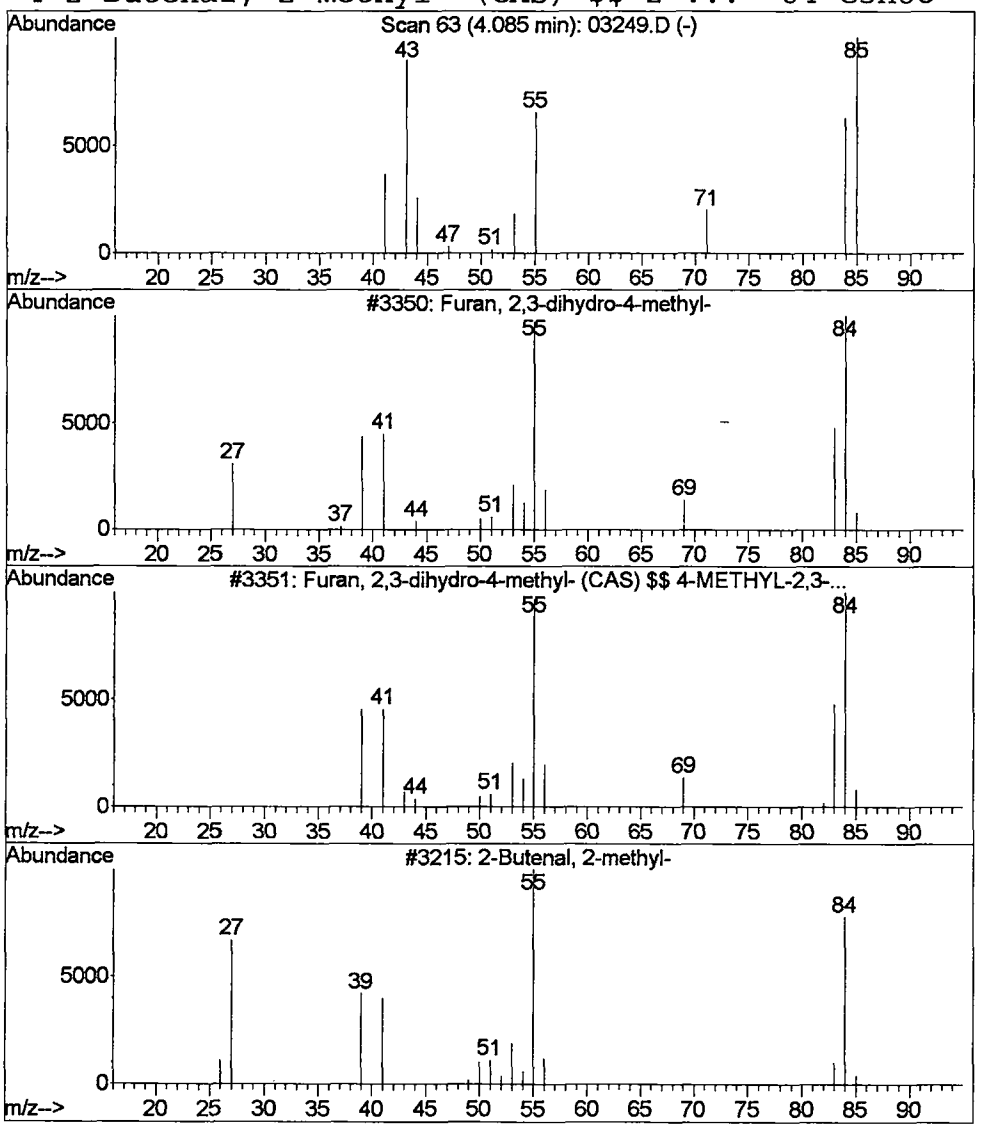
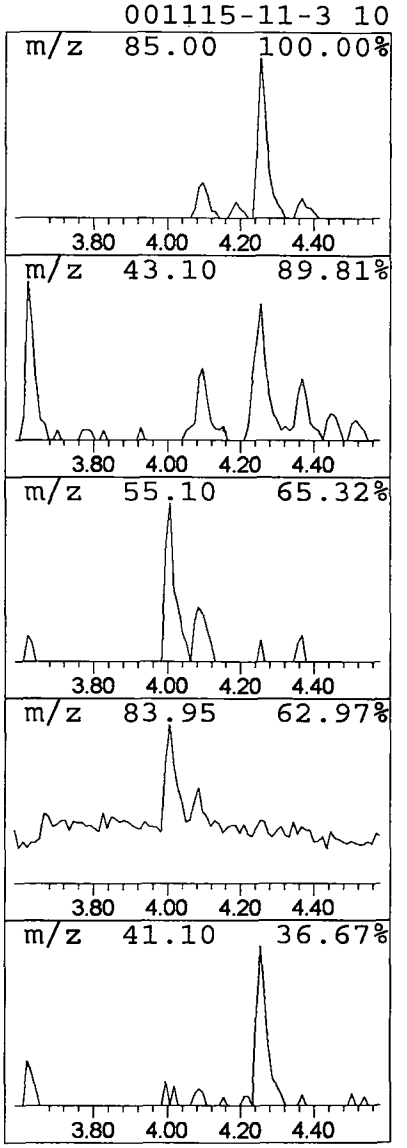
Peak Number 3 Furan, 2,3-dihydro-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	0.08 ug/L	36462	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	12
2	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	12
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	10
4	2-Butenal, 2-methyl- (CAS) $$ 2-...	84	C5H8O	001115-11-3	10





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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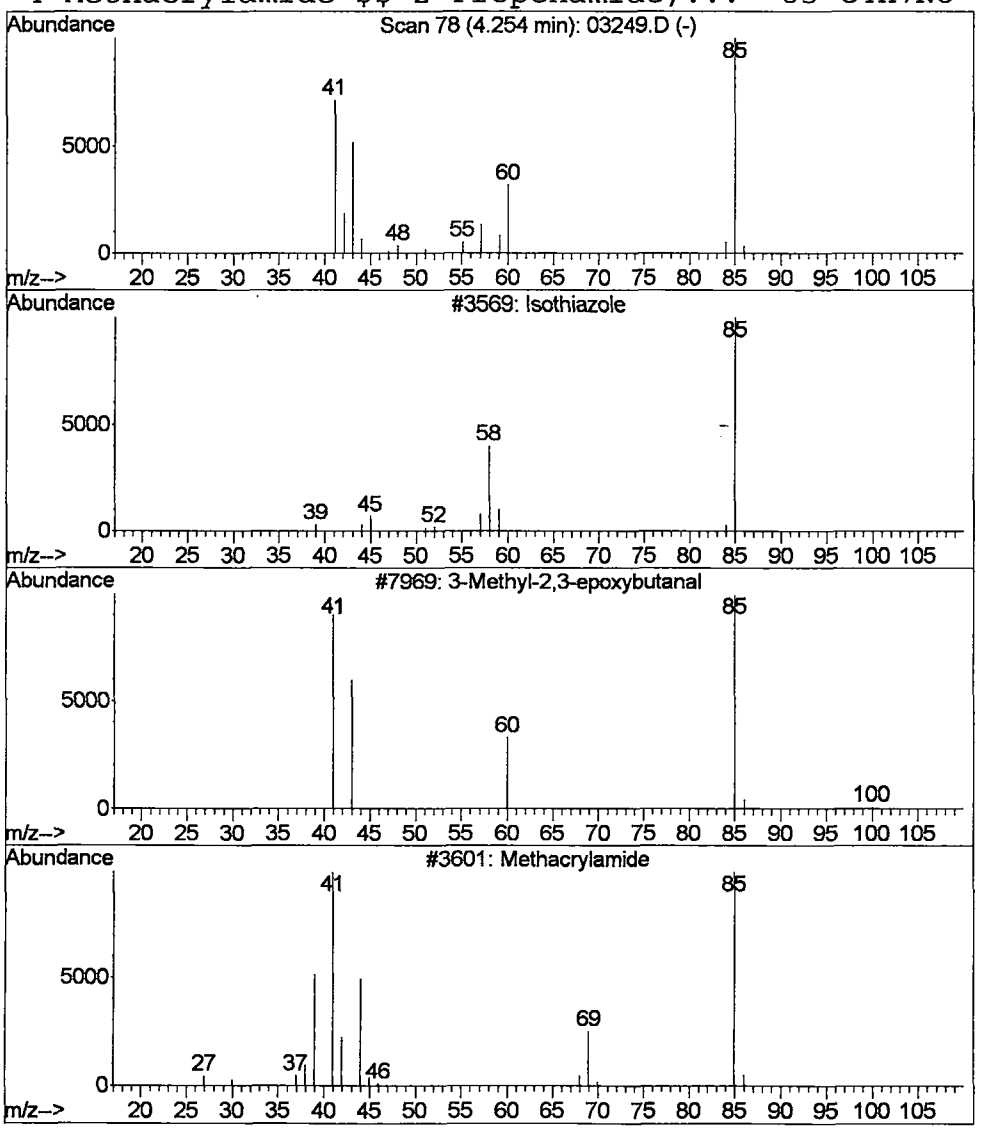
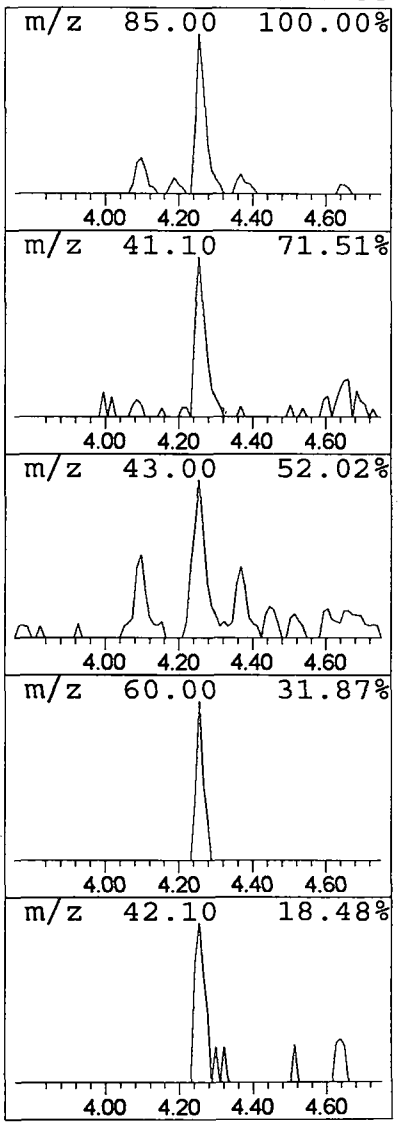
Peak Number 4 Isothiazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.22 ug/L	104920	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole	85	C3H3NS	000288-16-4	42
2	3-Methyl-2,3-epoxybutanal	100	C5H8O2	000000-00-0	36
3	Methacrylamide	85	C4H7NO	000079-39-0	33
4	Methacrylamide $$ 2-Propenamide,...	85	C4H7NO	000079-39-0	33





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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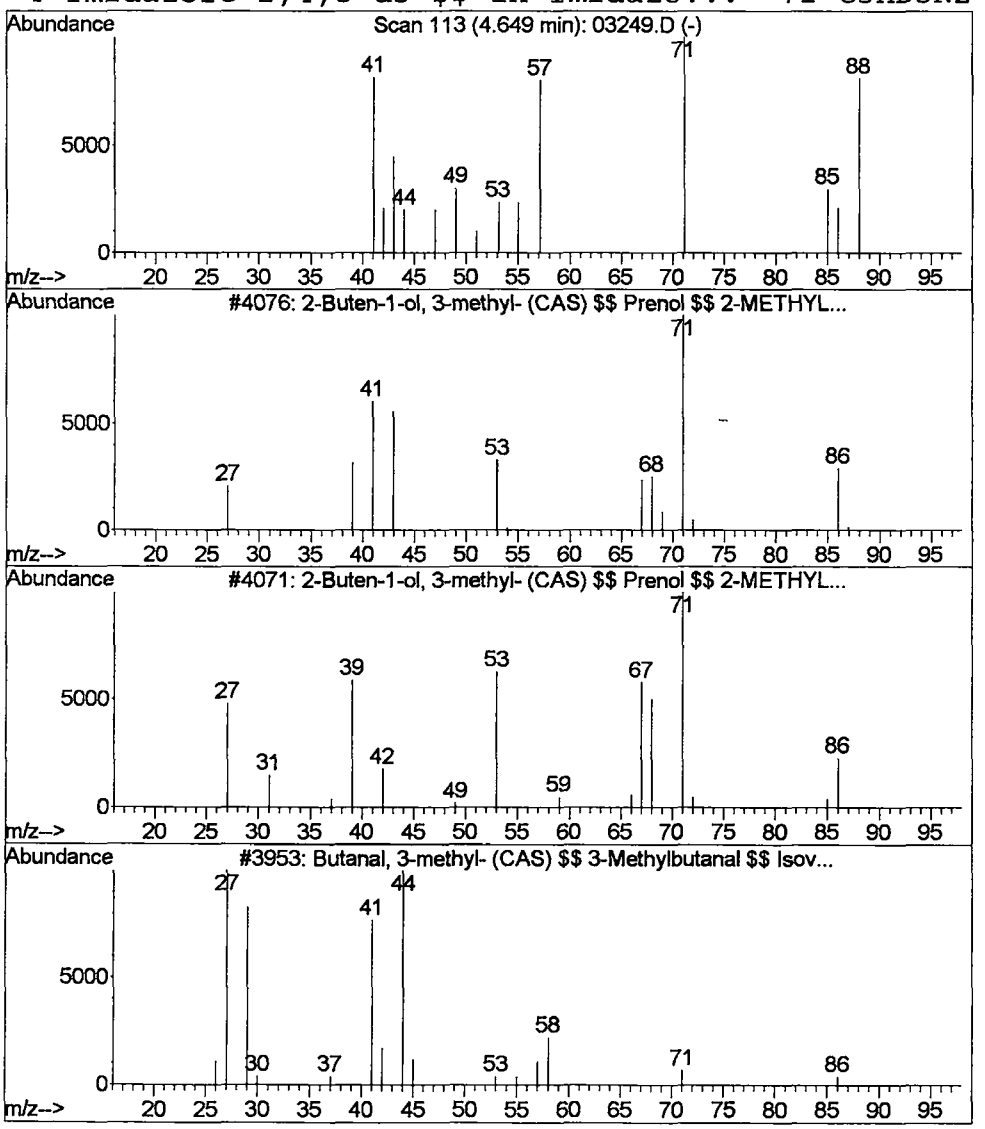
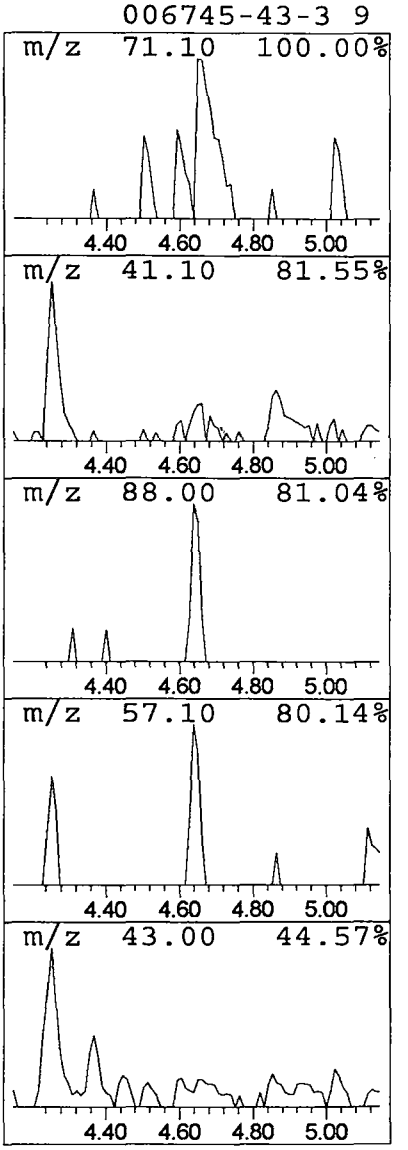
Peak Number 5 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	0.12 ug/L	55797	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	10
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	9
3	Butanal, 3-methyl- (CAS) $$ 3-Me...	86	C5H10O	000590-86-3	9
4	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	9





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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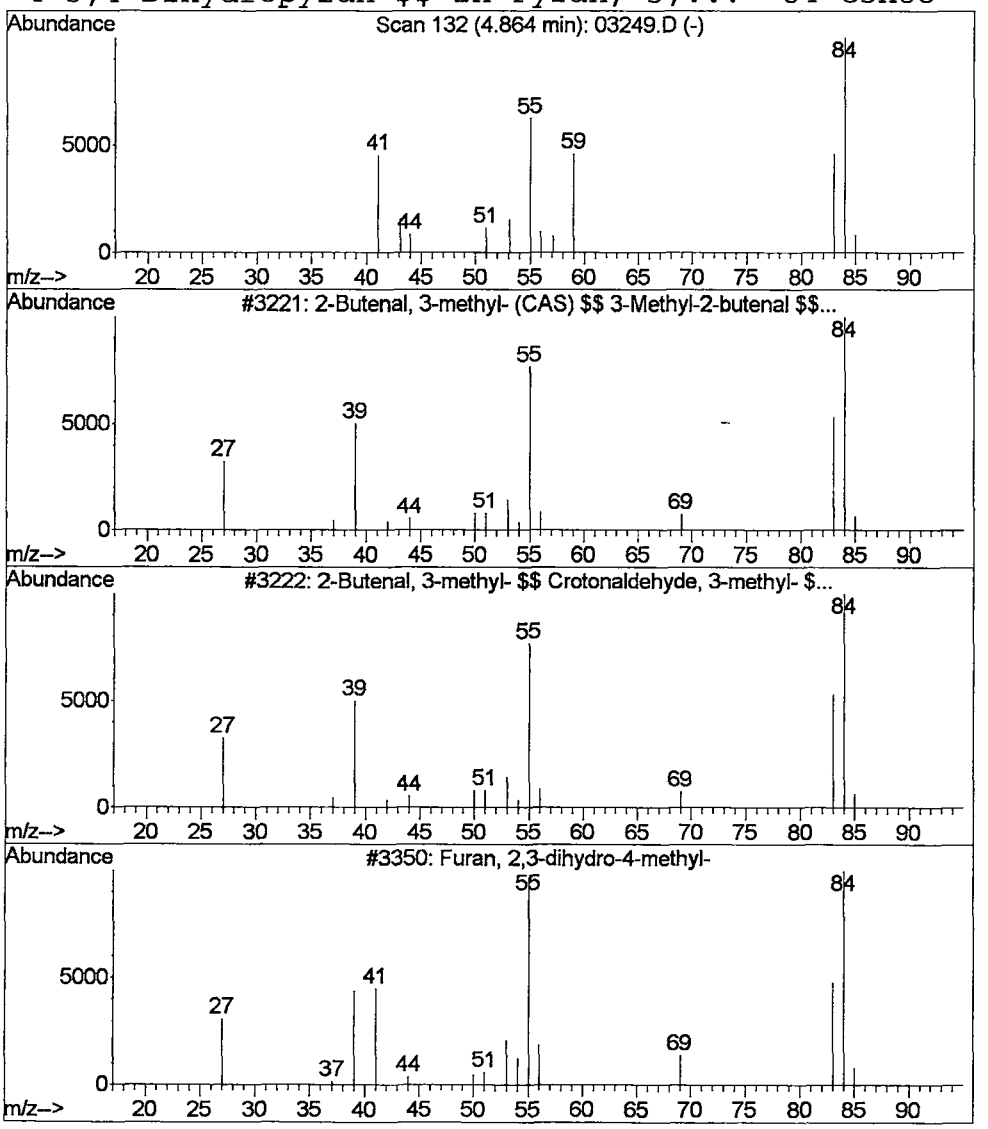
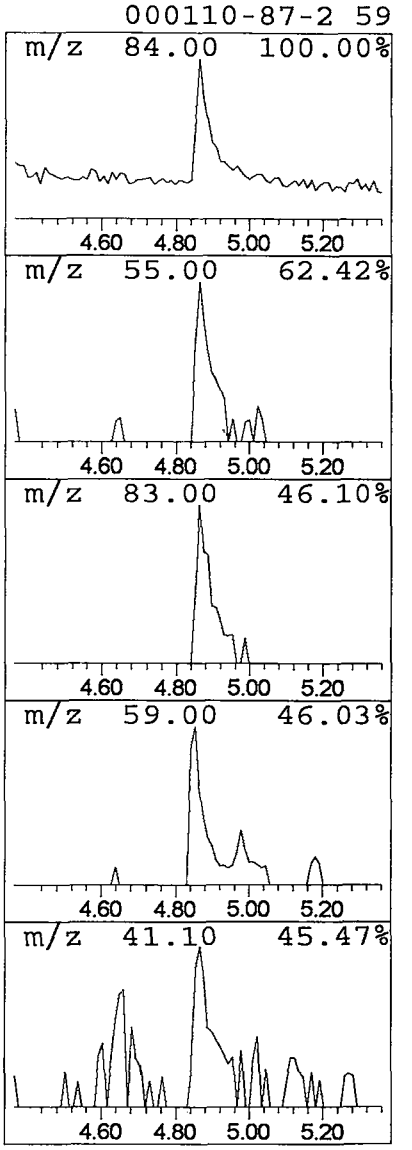
Peak Number 6 2-Butenal, 3-methyl- (CAS) ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	0.18 ug/L	86674	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	72
2	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	72
3	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	64
4	3,4-Dihydropyran $$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	59





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

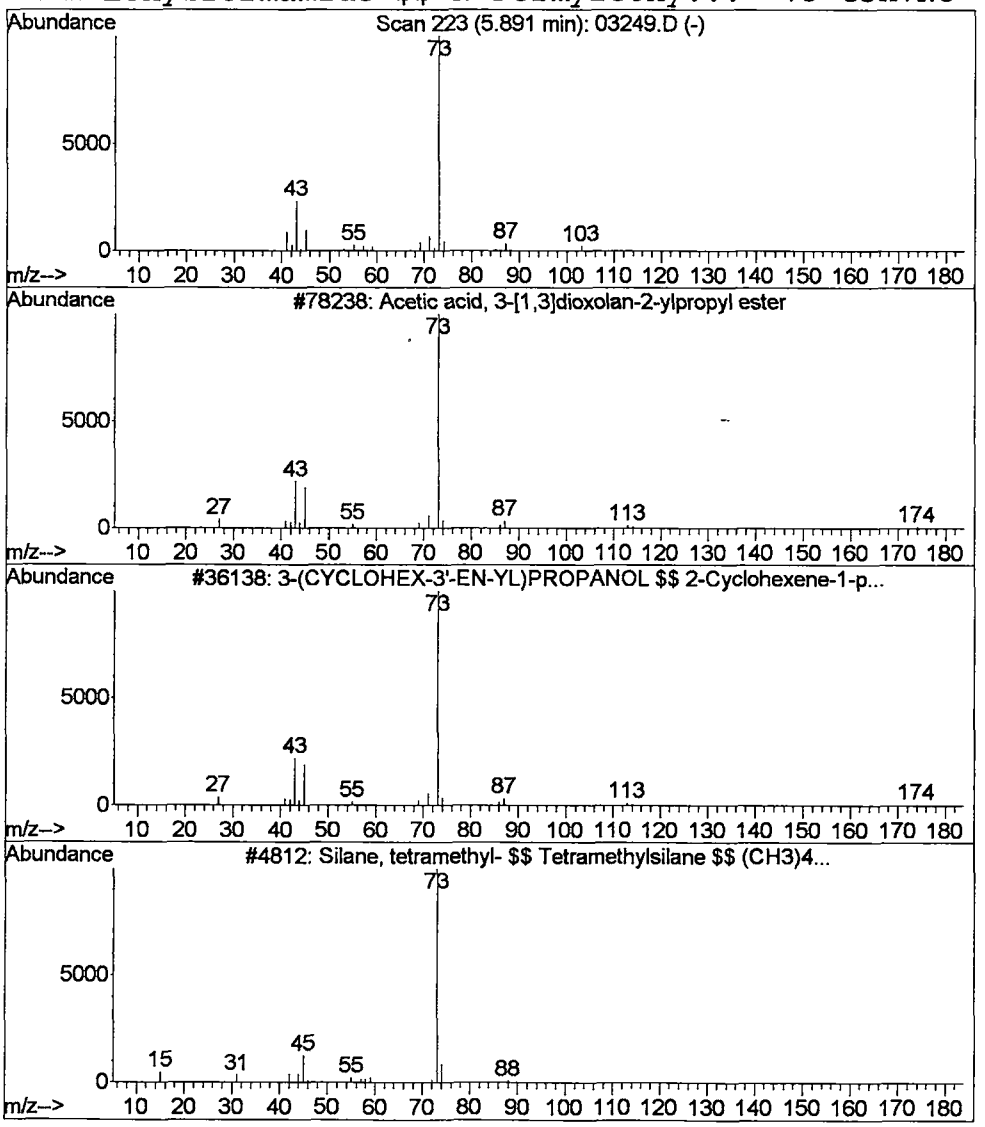
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

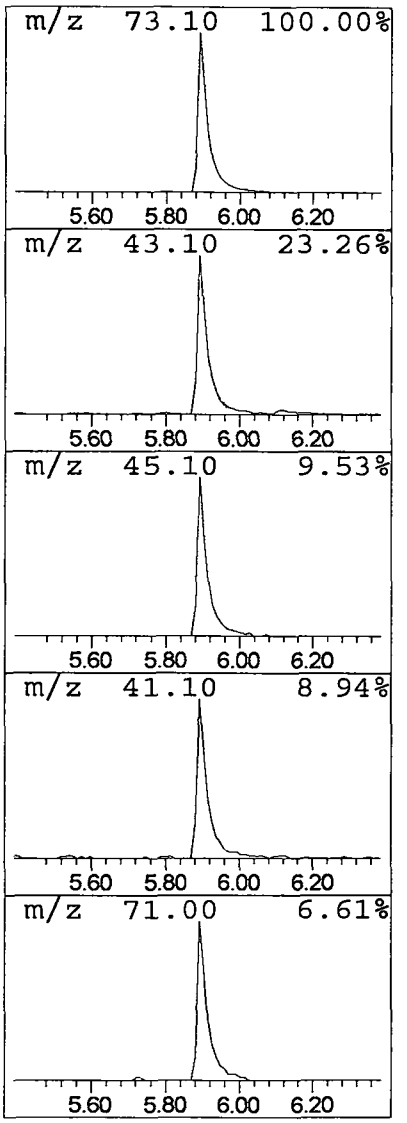
****

Peak Number 7 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.09 ug/L	1968050	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	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	28
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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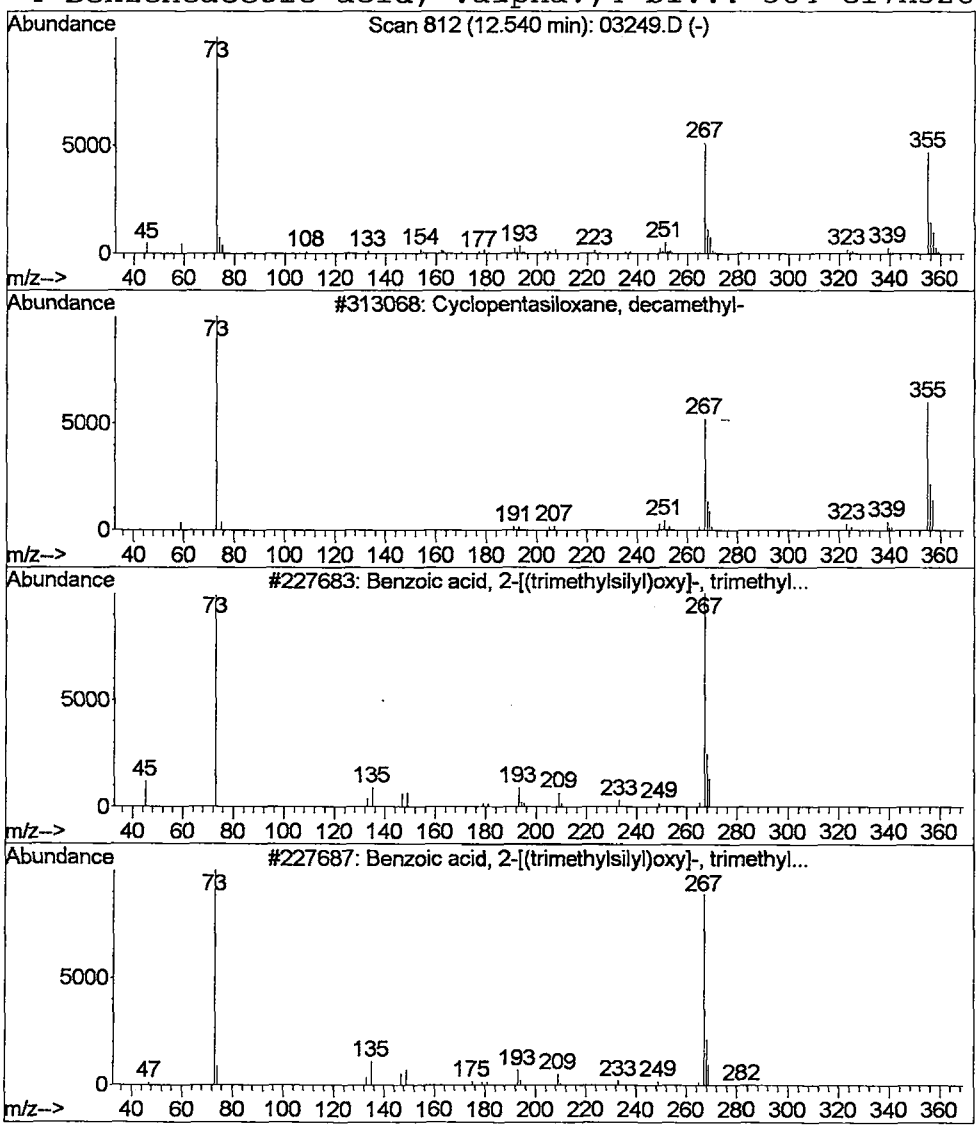
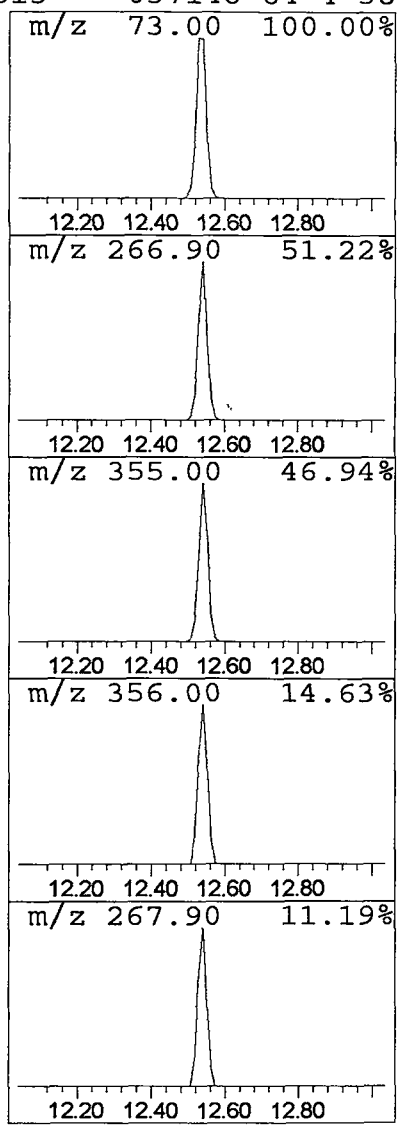
Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.91 ug/L	650645	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
4	Benzeneacetic acid, .alpha.,4-bi...	384	C17H32O4Si3	037148-64-4	38





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Acq On : 1 Mar 2002 6:28 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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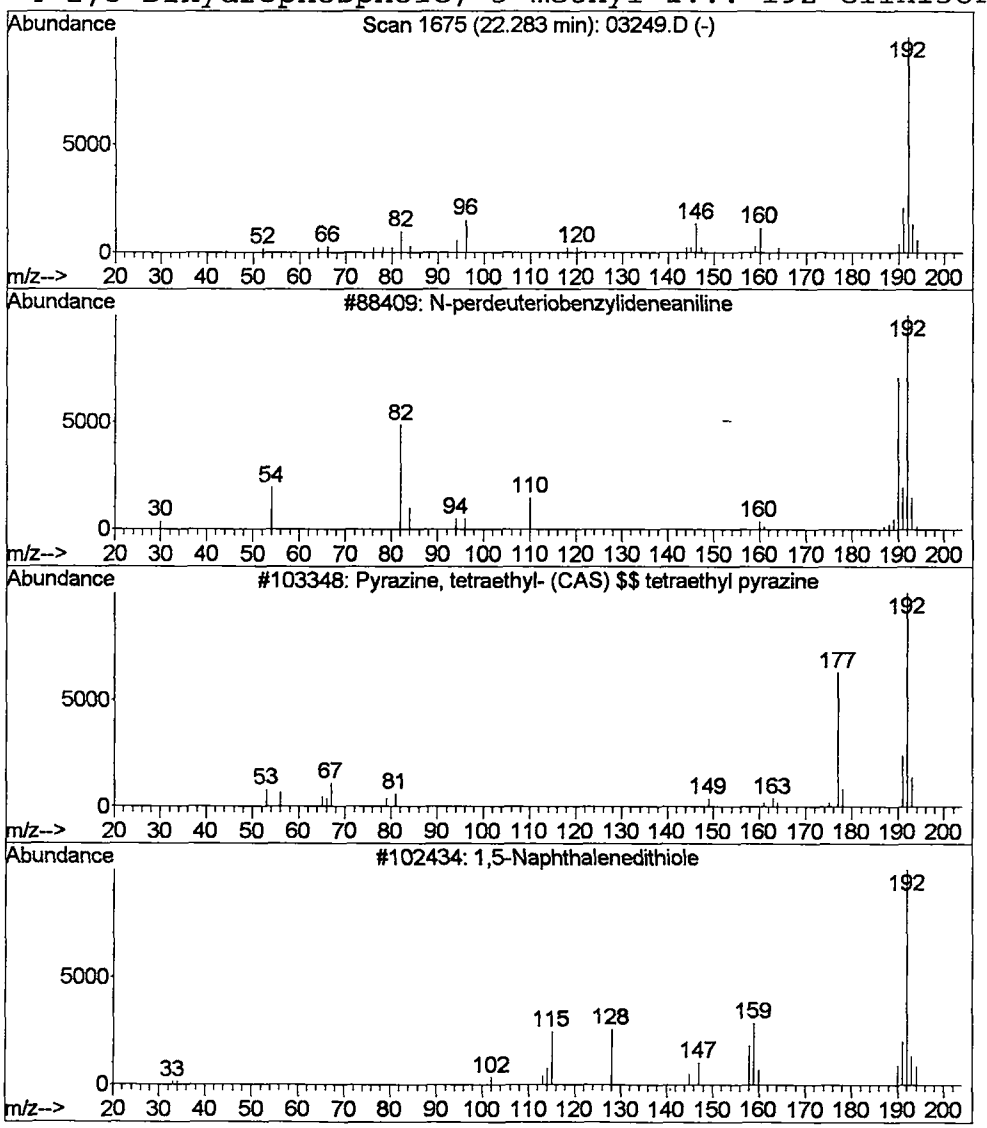
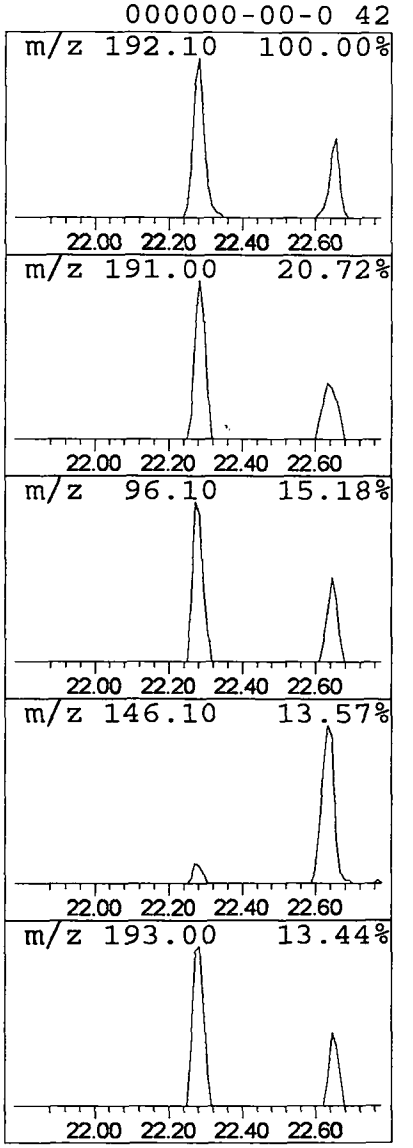
Peak Number 9 N-perdeuteriobenzylideneani... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	119063	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
2	Pyrazine, tetraethyl- (CAS) $$ t...	192	C12H20N2	038325-19-8	50
3	1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	42
4	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	000000-00-0	42





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 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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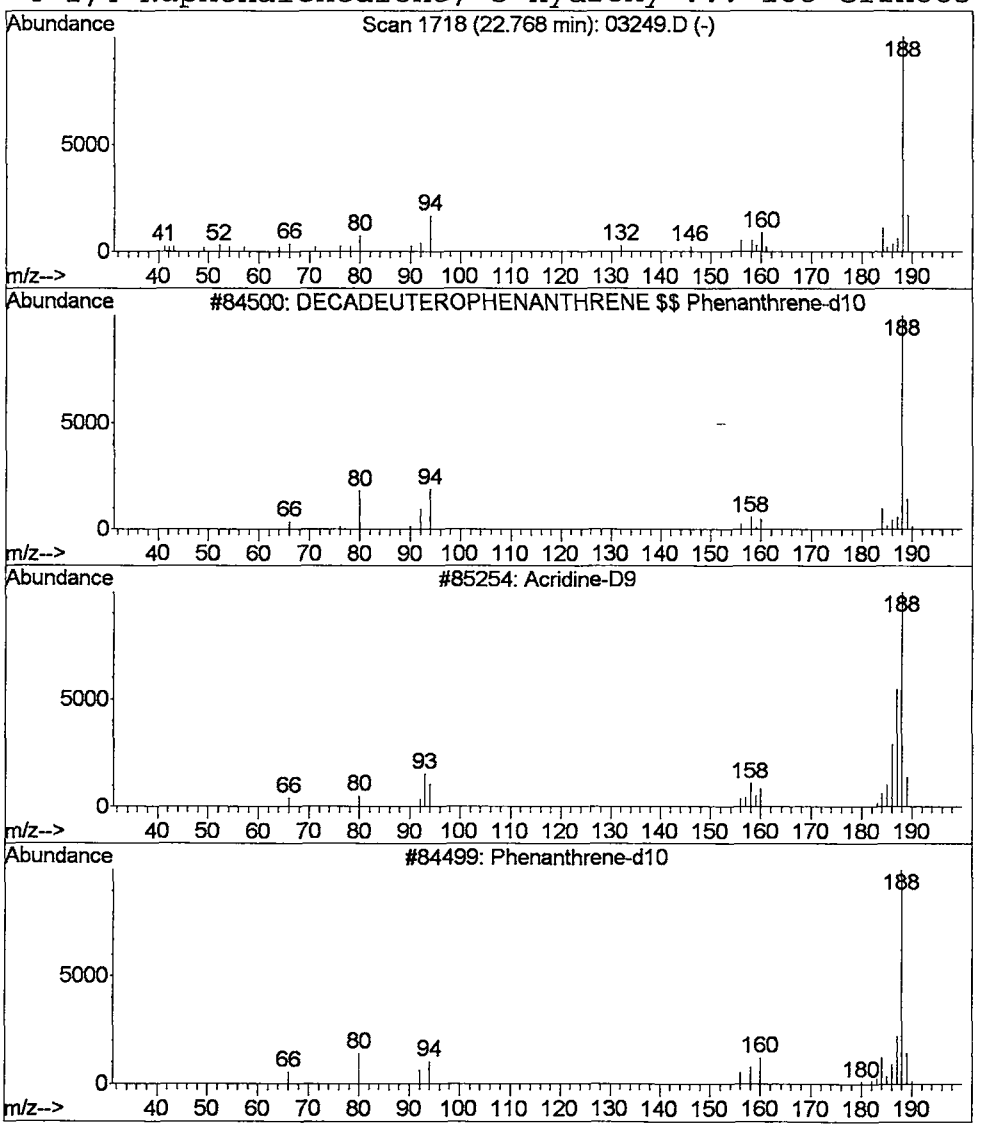
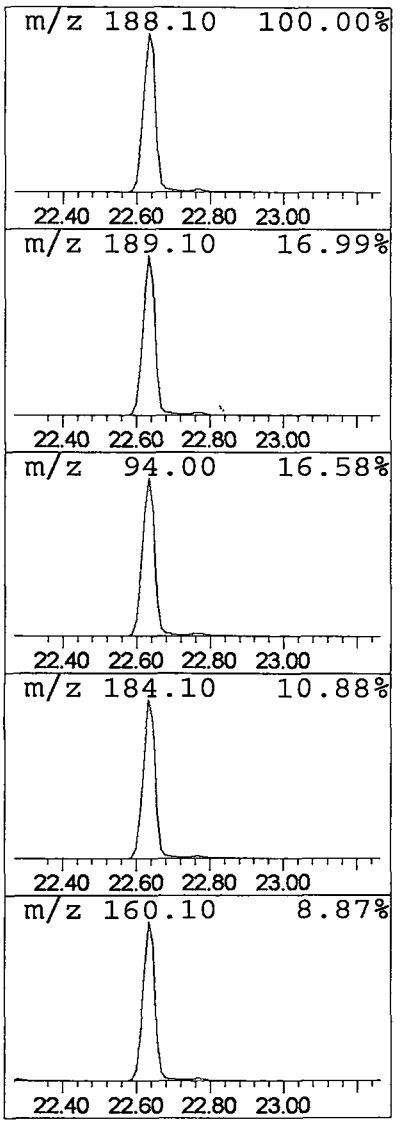
Peak Number 10 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.34 ug/L	277695	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Acridine-D9	188	C13D9N	000000-00-0	86
3	Phenanthrene-d10	188	C14D10	001517-22-2	78
4	1,4-Naphthalenedione, 5-hydroxy-...	188	C11H8O3	000481-42-5	64





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Acq On : 1 Mar 2002 6:28 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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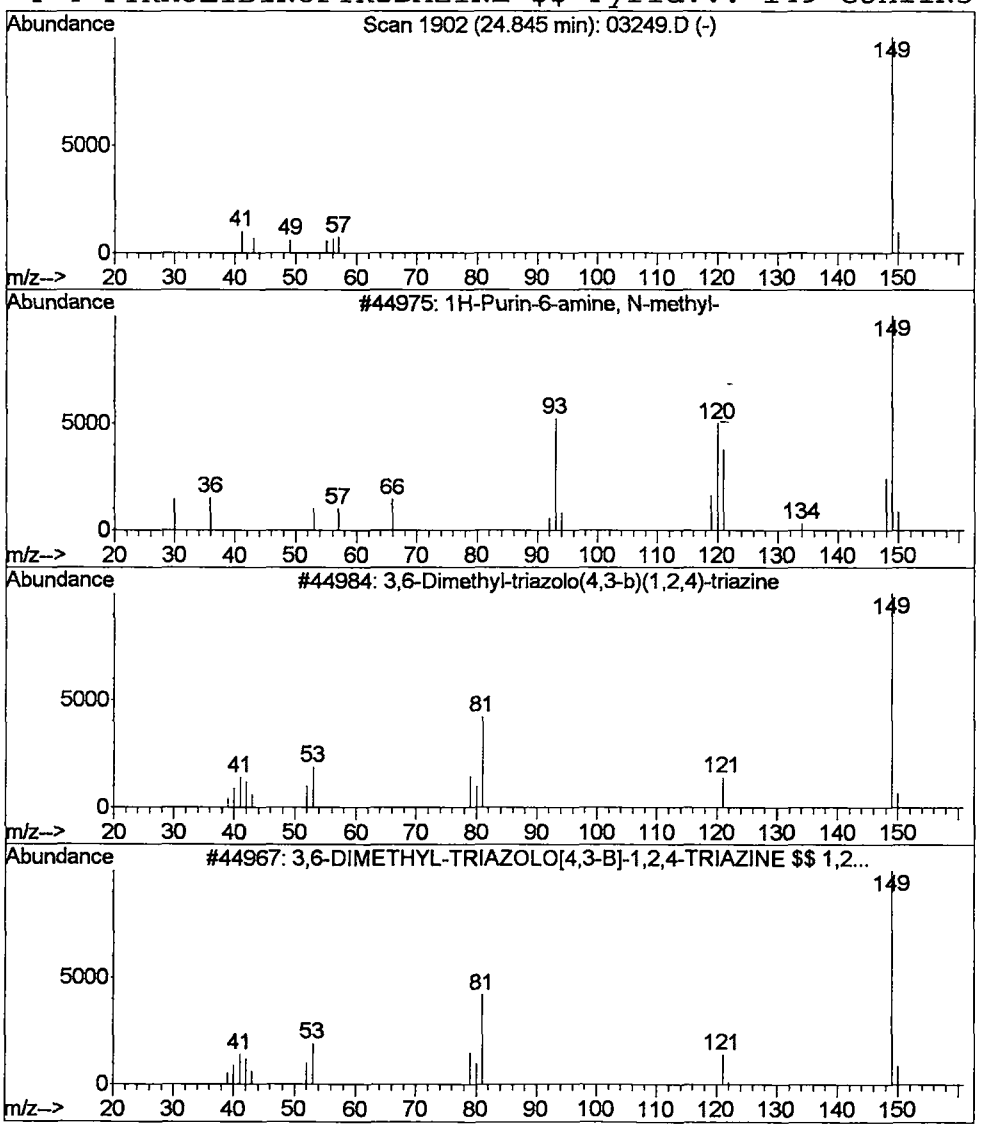
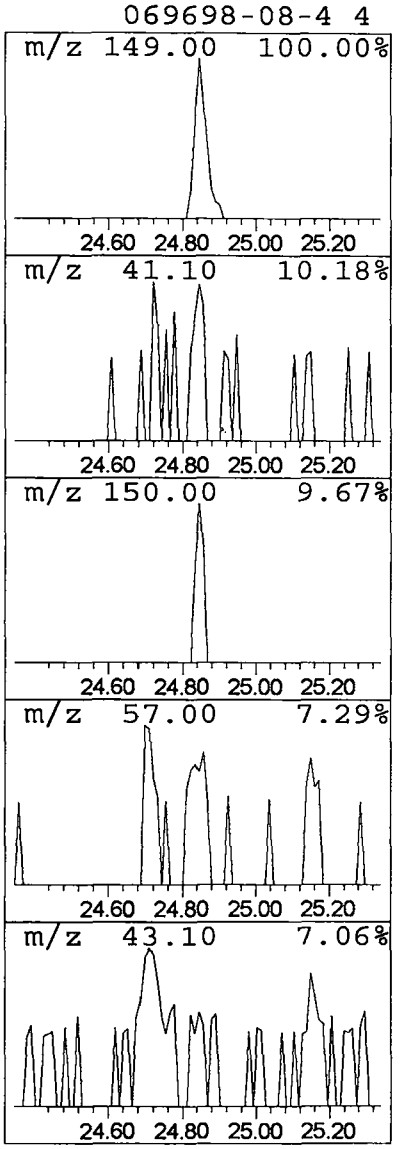
Peak Number 11 1H-Purin-6-amine, N-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.04 ug/L	35736	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	7
2	3,6-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	000000-00-0	7
3	3,6-DIMETHYL-TRIAZOLO[4,3-B]-1,2...	149	C6H7N5	061139-71-7	7
4	4-PYRROLIDINOPYRIDAZINE $$ Pyrid...	149	C8H11N3	069698-08-4	4





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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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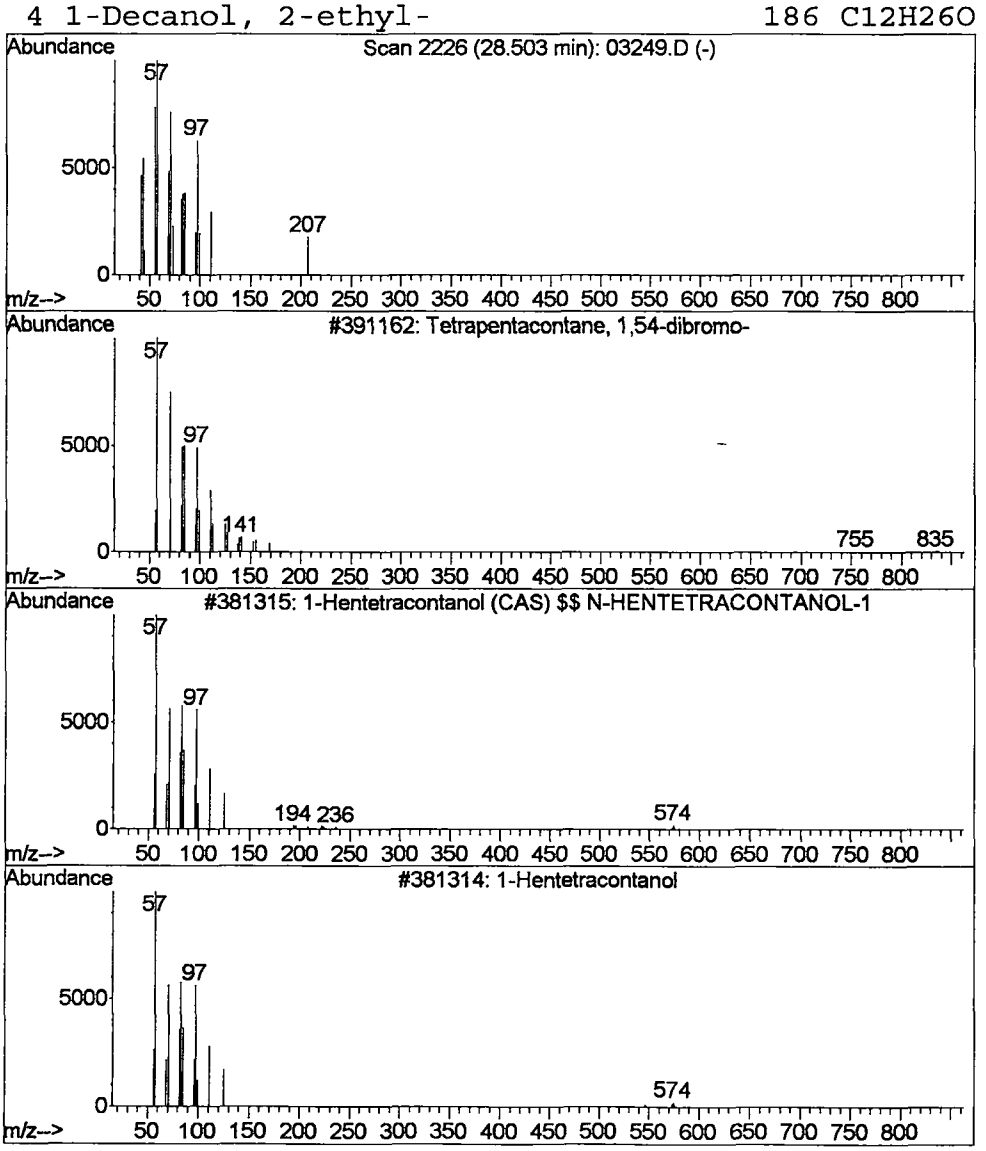
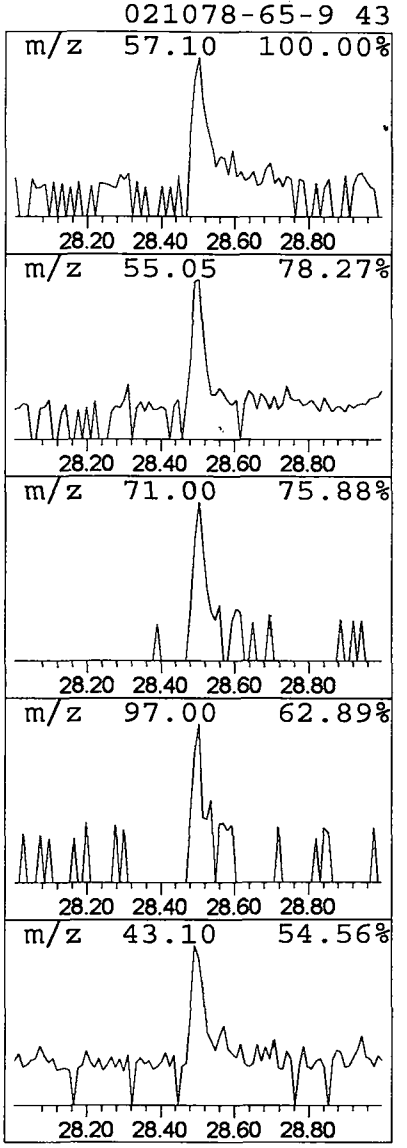
Peak Number 12 Tetrapentacontane, 1,54-dib... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.50	0.09 ug/L	66111	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	000000-00-0	59
2	1-Hentetracontanol (CAS) $$ N-HE...	593	C41H84O	040710-42-7	47
3	1-Hentetracontanol	593	C41H84O	040710-42-7	47
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	43





Data File : C:\MSDCHEM\1\5973N\02MAR01\03249.D Vial: 4
Acq On : 1 Mar 2002 6:28 pm Operator:
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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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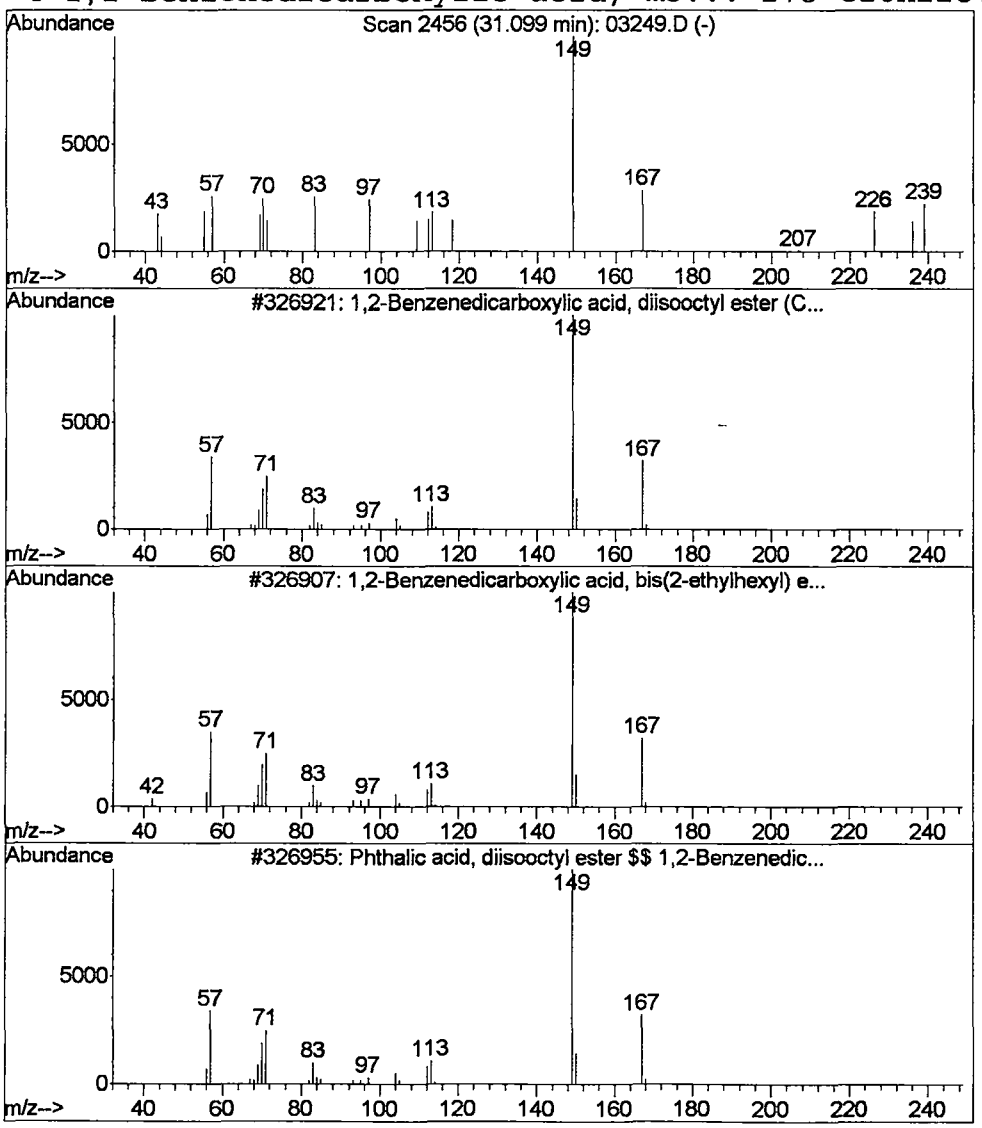
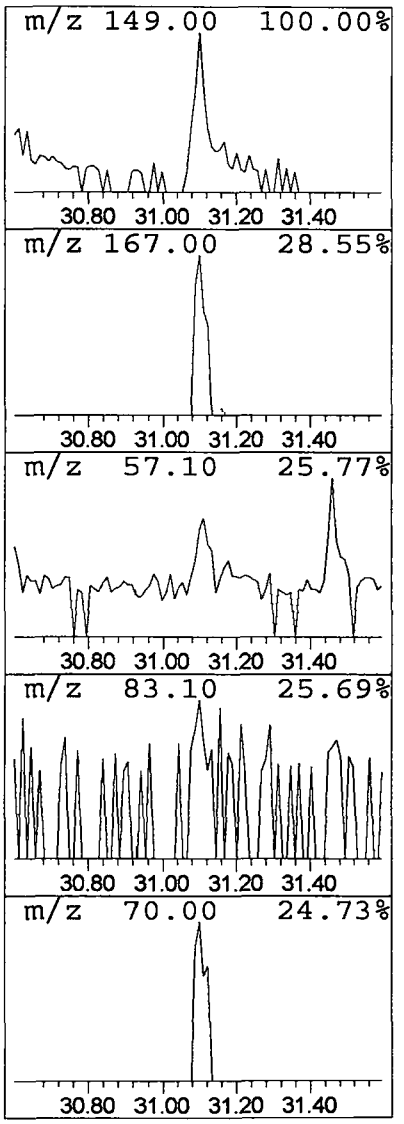
Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.08 ug/L	60268	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	47
2	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	47
3	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	47
4	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	25





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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	50757	1	9.71	9622640	20.0
2-Butenal, 2-meth...	4.01	0.1	ug/L	37581	1	9.71	9622640	20.0
Furan, 2,3-dihydr...	4.08	0.1	ug/L	36462	1	9.71	9622640	20.0
Isothiazole	4.25	0.2	ug/L	104920	1	9.71	9622640	20.0
2-Buten-1-ol, 3-m...	4.65	0.1	ug/L	55797	1	9.71	9622640	20.0
2-Butenal, 3-meth...	4.86	0.2	ug/L	86674	1	9.71	9622640	20.0
Acetic acid, 3-[1...	5.89	4.1	ug/L	1968050	1	9.71	9622640	20.0
Cyclopentasiloxan...	12.54	0.9	ug/L	650645	2	13.20	14302100	20.0
N-perdeuteriobenz...	22.28	0.1	ug/L	119063	4	22.63	16229800	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	277695	4	22.63	16229800	20.0
1H-Purin-6-amine,...	24.85	0.0	ug/L	35736	4	22.63	16229800	20.0
Tetrapentacontane...	28.50	0.1	ug/L	66111	5	30.49	14645700	20.0
1,2-Benzenedicarb...	31.10	0.1	ug/L	60268	5	30.49	14645700	20.0