User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 11:14:53

Sample: AE00841
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 11:14 Ended: 2/26/02 11:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

Lx: 20350 / 00907
cal 1/9/02 Patel

No FB

Sent Data.MS file
2/26/02

Data.MS

Comments for Sample AE00841 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 11:22:40

The GCMS scan, from 35 to 550 amu, reveals the presence of Benzenemethanol at an estimated level of 0.39 ug/L, and with a fit of 95 out of 100. The recoveries for 21 of the 43 compounds in the LCS Standard were above their acceptance ranges.

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D Vial: 4
Acq On : 7 Feb 2002 1:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 7, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 20 15:39:40 2002 Quant Results File: HP020702.RES

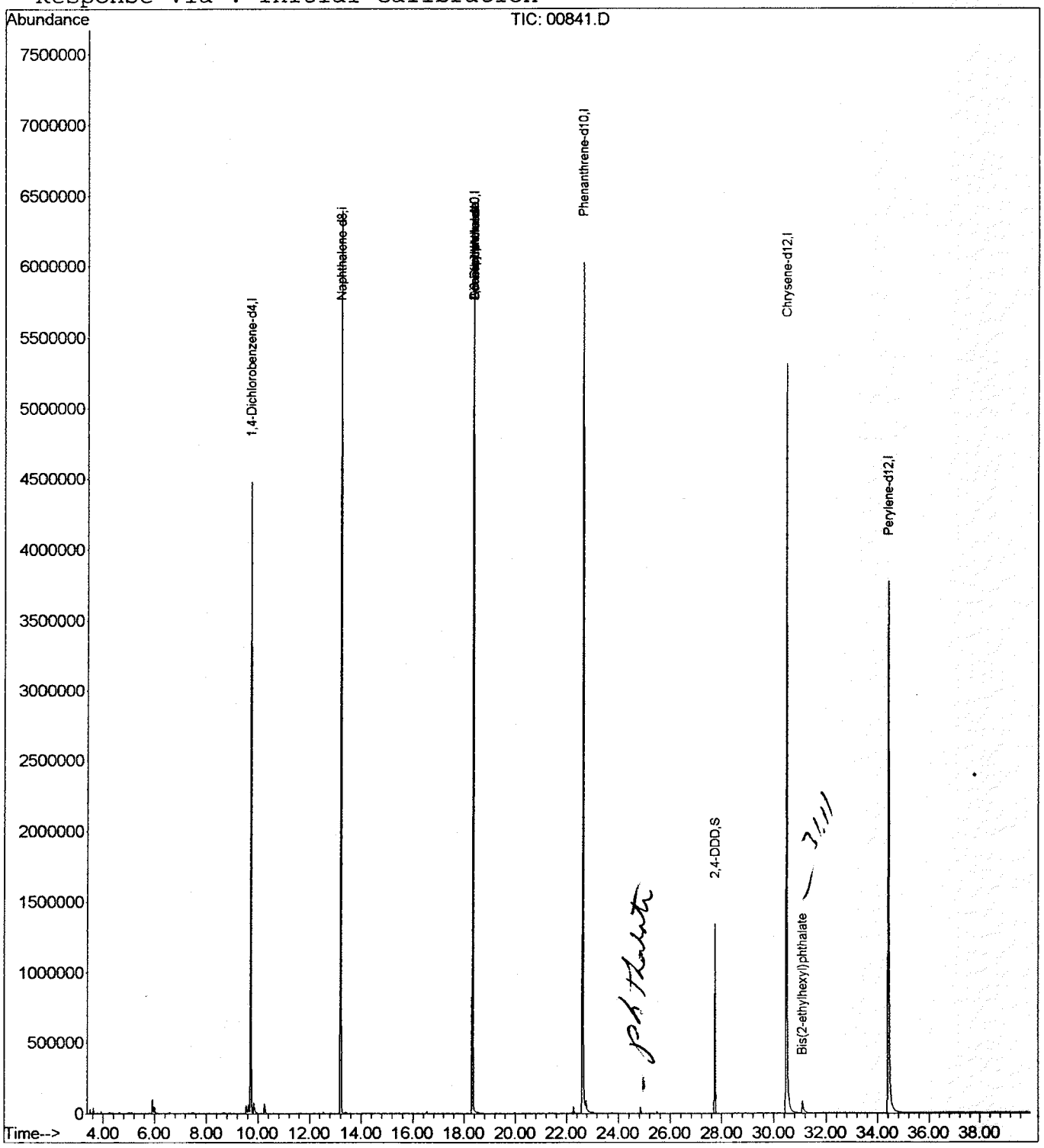
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Feb 20 11:48:57 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1484420	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6310506	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	3245744	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	5233366	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4475742	20.00	ug/L	-0.03
44) Perylene-d12	34.42	264	3137571	20.00	ug/L	-0.03
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	492062	5.71	ug/L	0.00
Spiked Amount 5.000			Recovery = 114.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	506350	2.57	ug/L #	58
21) 2,6-Dinitrotoluene	18.34	165	414582	9.12	ug/L #	27
42) Bis(2-ethylhexyl)phthalate	31.11	149	110247	0.59	ug/L	99

(#) = qualifier out of range (m) = manual integration
00841.D HP020702.M Wed Feb 20 15:39:41 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D Vial: 4
Acq On : 7 Feb 2002 1:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 7, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 20 15:39 2002 Quant Results File: HP020702.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP020702.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Feb 20 11:48:57 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D Vial: 4
Acq On : 7 Feb 2002 1:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 7, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP020702.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

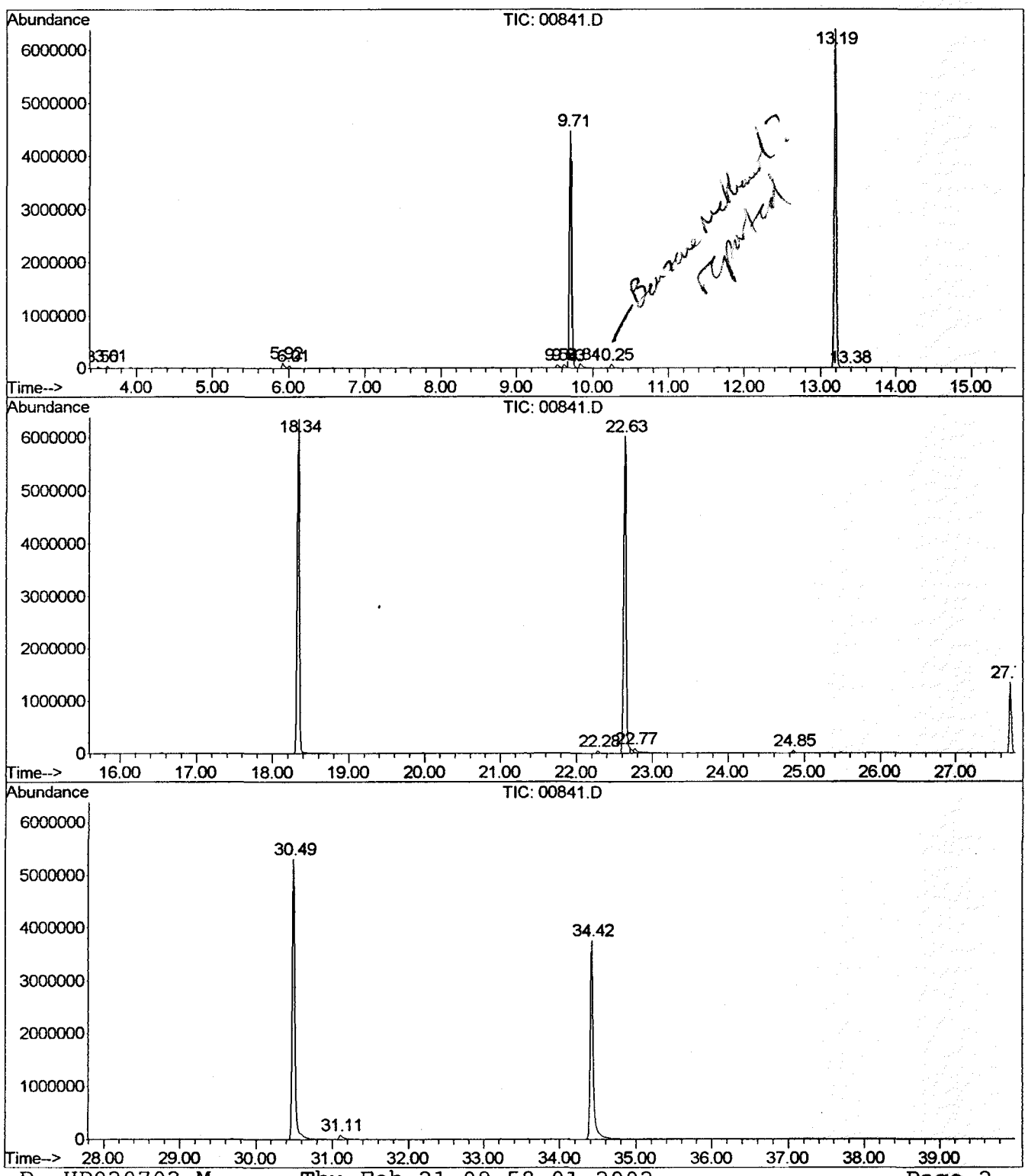
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.499	7	11	15	rVB	34876	49421	0.36%	0.065%
2	3.614	19	21	25	rBV	43341	61423	0.44%	0.081%
3	5.920	221	223	229	rBV	102036	209794	1.52%	0.278%
4	6.011	229	231	235	rVV	48961	83369	0.60%	0.110%
5	9.539	537	540	545	rBV	57161	133804	0.97%	0.177%
6	9.630	545	548	551	rVV	59279	141716	1.03%	0.188%
7	9.710	551	555	561	rVV	4475379	8478054	61.34%	11.227%
8	9.836	561	566	579	rVB	76293	243889	1.76%	0.323%
9	10.247	599	602	611	rBV	67869	164855	1.19%	0.218%
10	13.192	855	860	865	rBV	6394743	12091678	87.48%	16.012%
11	13.375	873	876	883	rVB2	12631	39167	0.28%	0.052%
12	18.341	1305	1311	1315	rBV	6356072	12879276	93.18%	17.055%
13	22.280	1651	1656	1661	rBV	47308	92817	0.67%	0.123%
14	22.634	1681	1687	1693	rBV2	6025587	13821981	100.00%	18.304%
15	22.771	1697	1699	1711	rVB	84700	245719	1.78%	0.325%
16	24.849	1877	1881	1887	rBV	48122	86944	0.63%	0.115%
17	27.726	2127	2133	2139	rBV	1343017	2400092	17.36%	3.178%
18	30.489	2369	2375	2407	rVV2	5311157	13323695	96.39%	17.644%
19	31.105	2425	2429	2451	rVV	86230	377234	2.73%	0.500%
20	34.416	2713	2719	2749	rBV	3767902	10589747	76.62%	14.023%

Sum of corrected areas: 75514675

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB07\00841.D
Operator :
Acquired : 7 Feb 2002 1:32 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 7, 2002
Vial Number: 4
Quant File :HP020702.RES (RTE Integrator)



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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

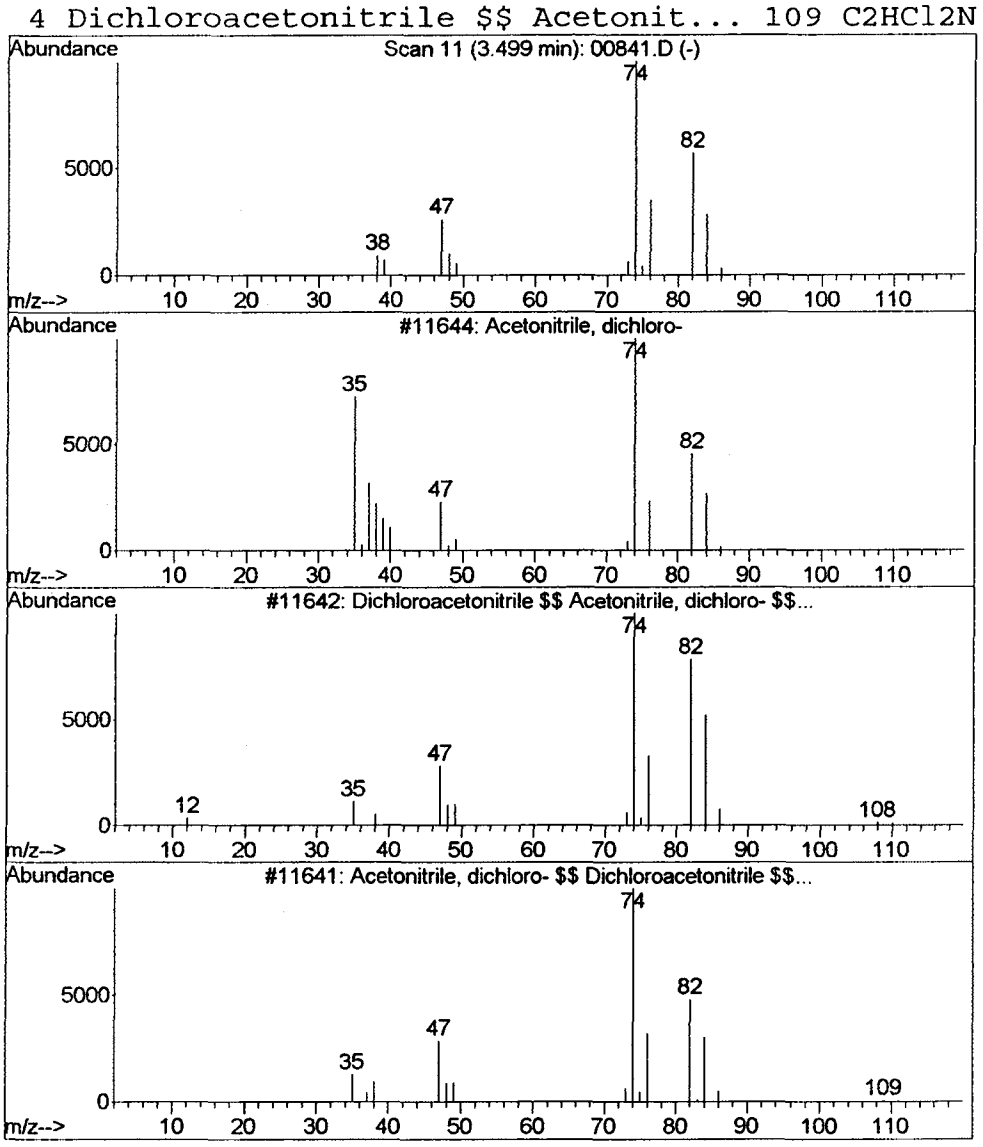
Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
```

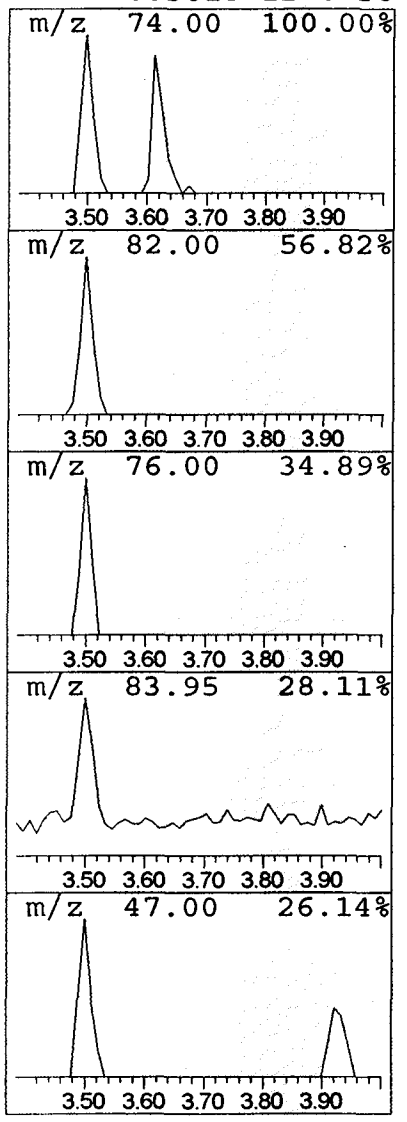
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.12 ug/L	49421	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	64
3	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	53
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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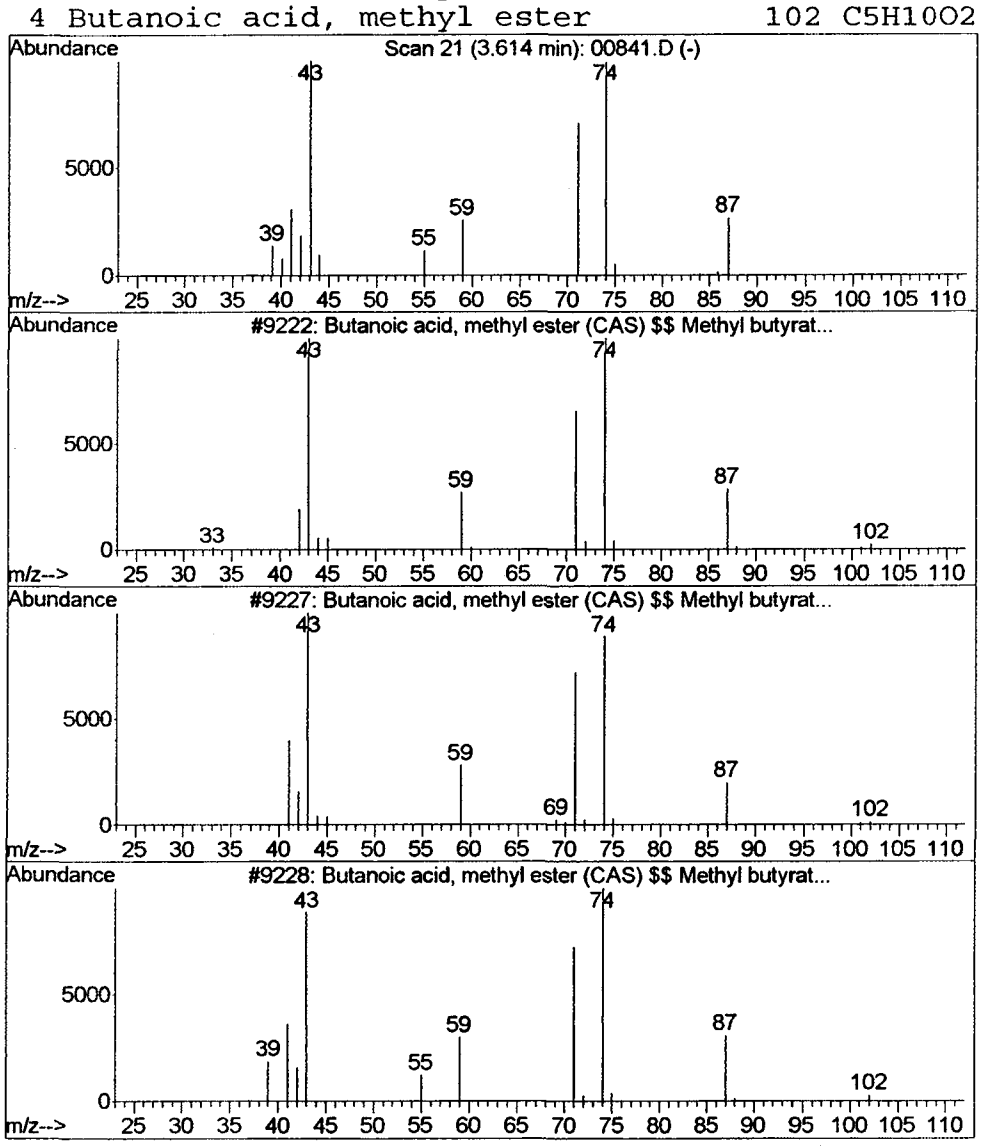
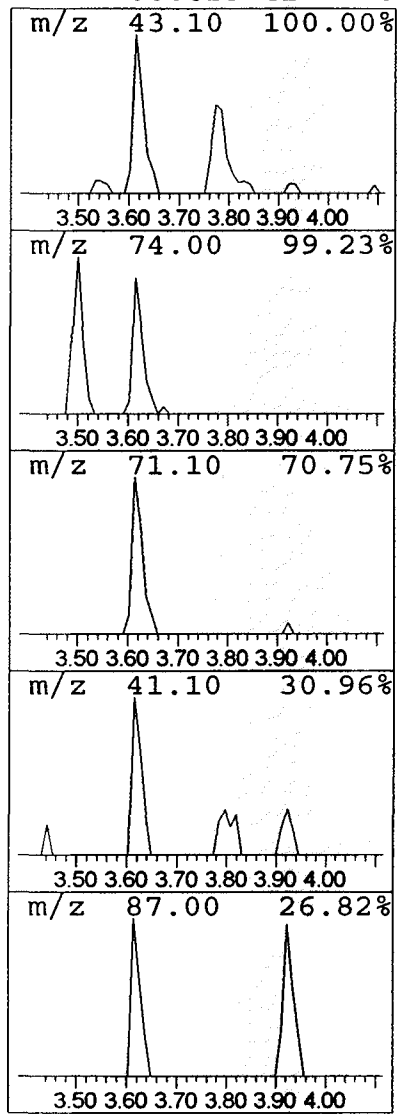
Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.14 ug/L	61423	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 (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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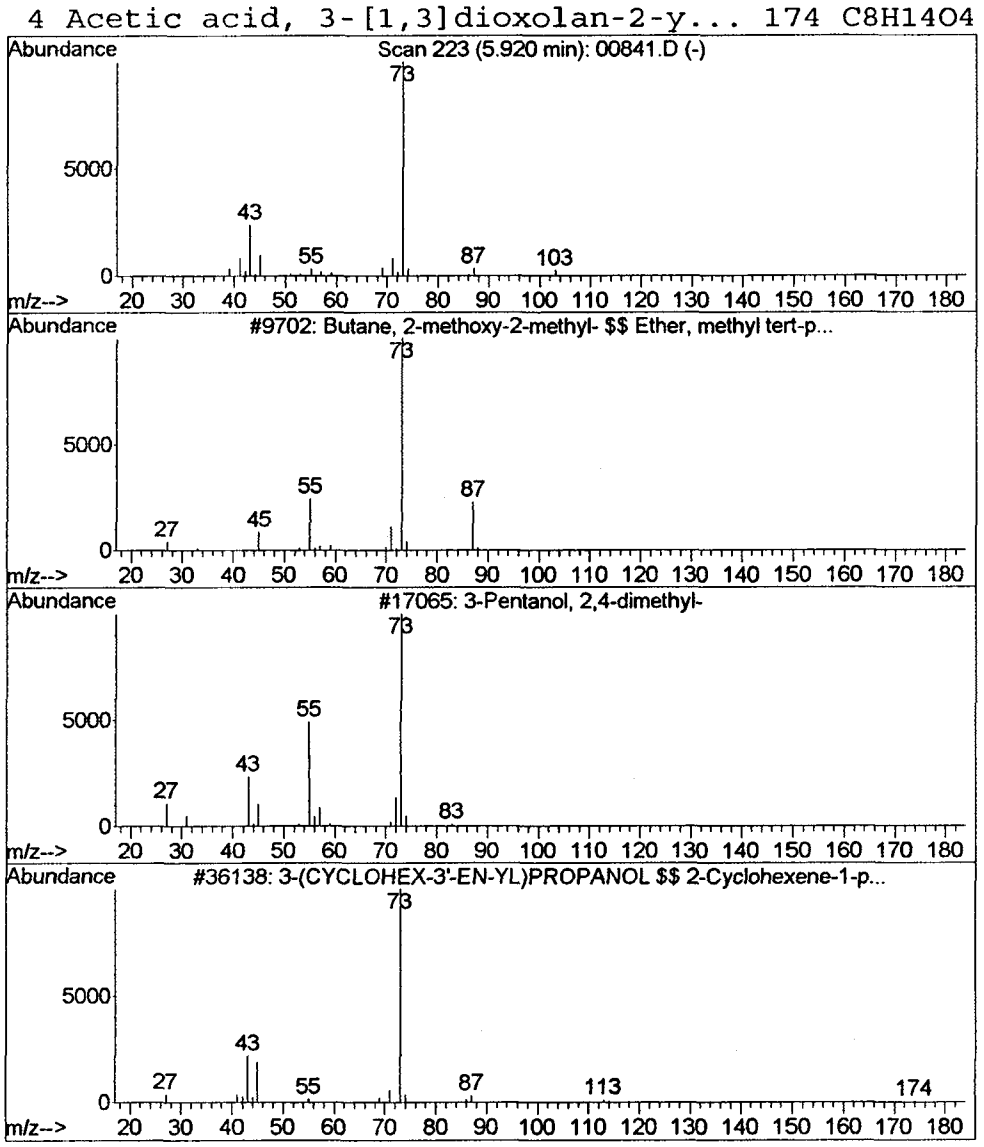
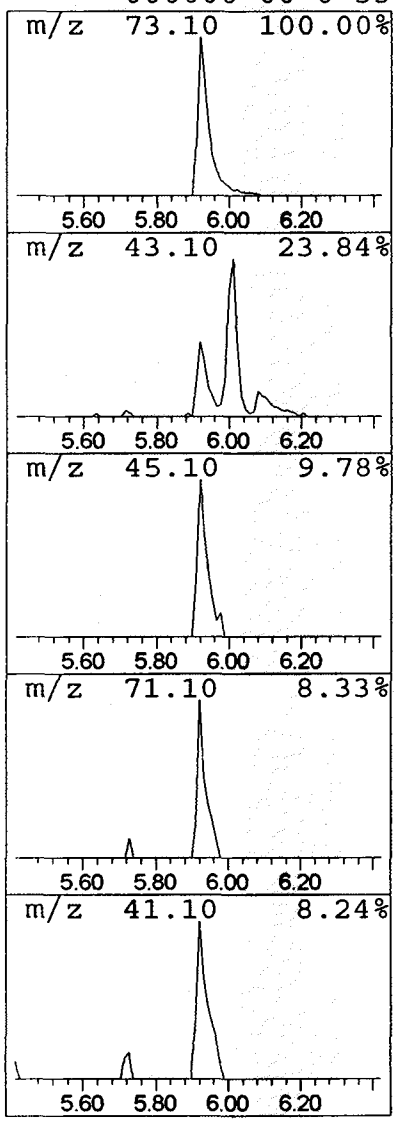
Peak Number 3 Butane, 2-methoxy-2-methyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.49 ug/L	209794	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	36
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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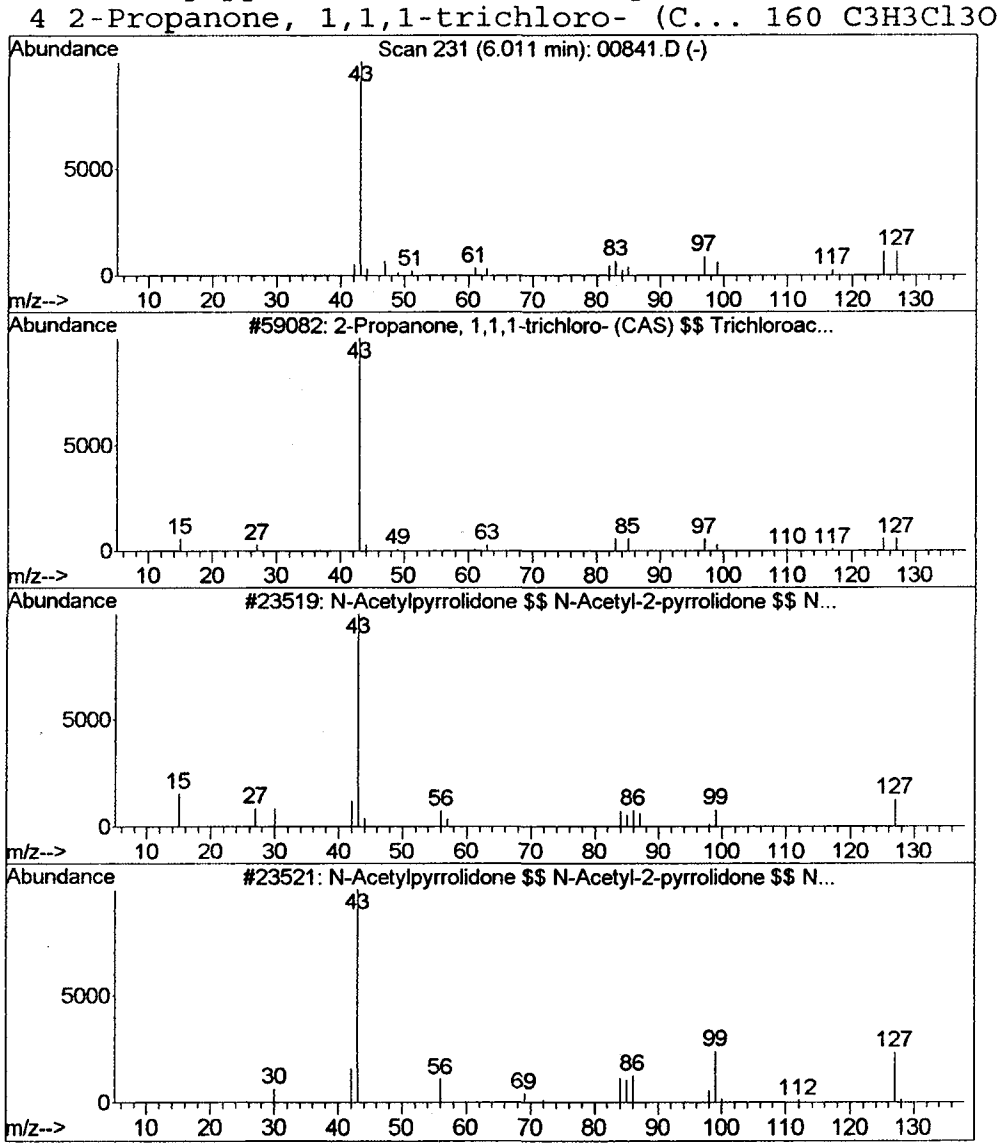
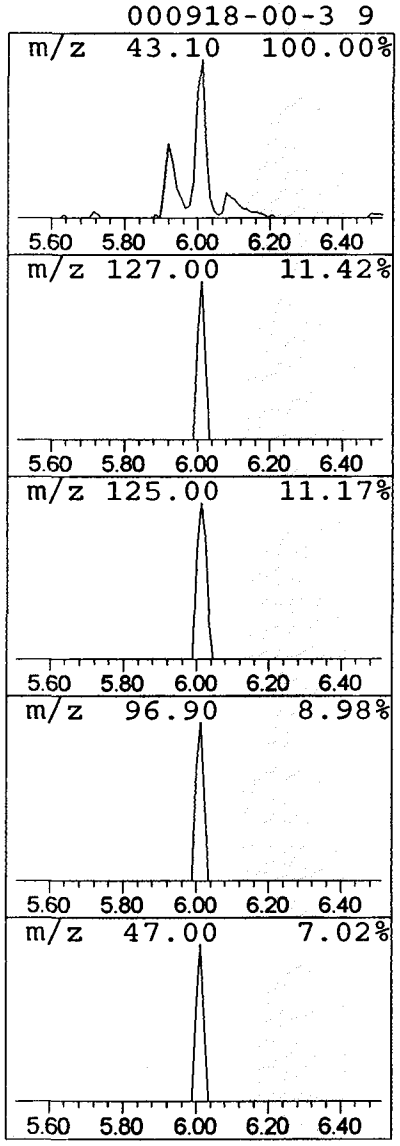
Peak Number 4 2-Propanone, 1,1,1-trichlor... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	0.20 ug/L	83369	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	59
2	N-Acetylpyrrolidone $$ N-Acetyl-...	127	C6H9NO2	000932-17-2	25
3	N-Acetylpyrrolidone $$ N-Acetyl-...	127	C6H9NO2	000932-17-2	9
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	9





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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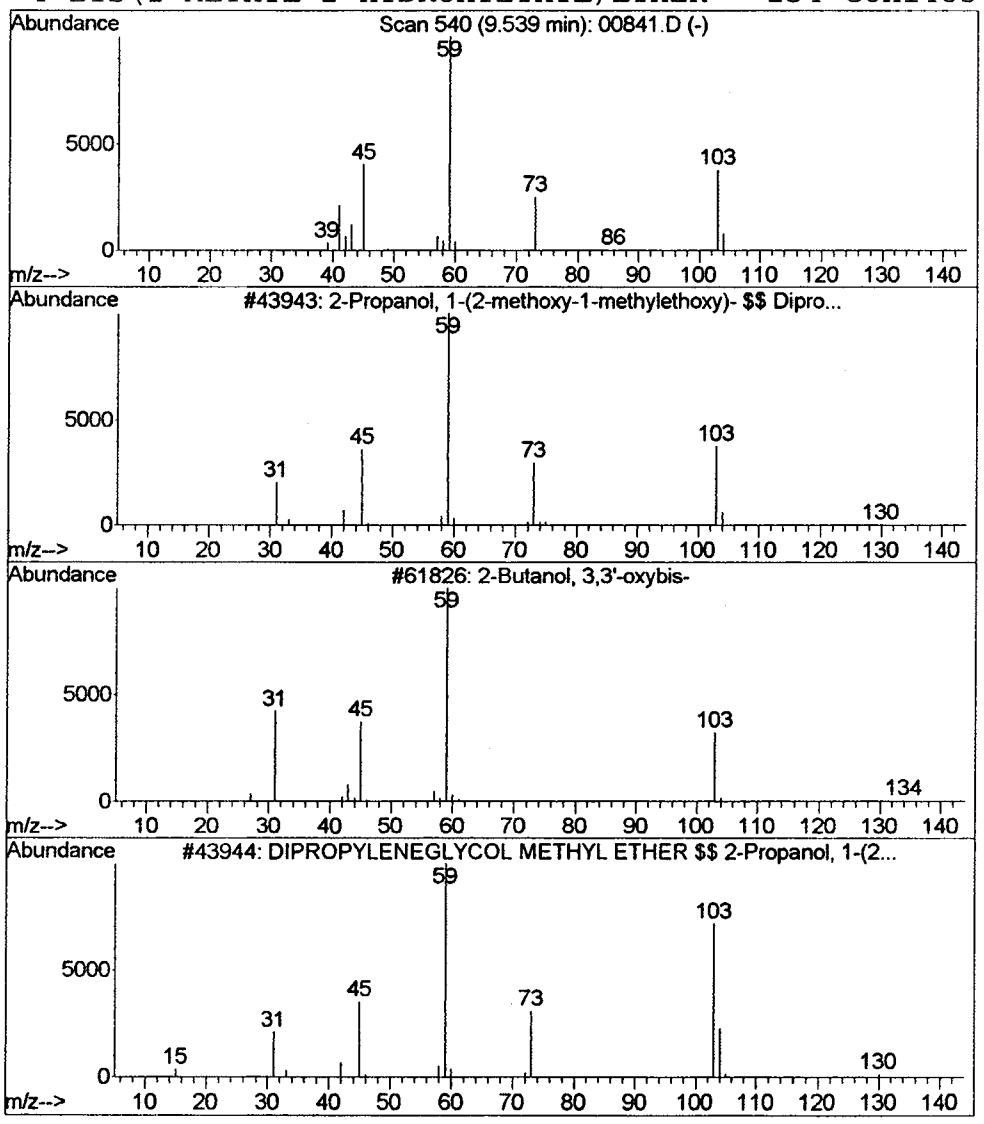
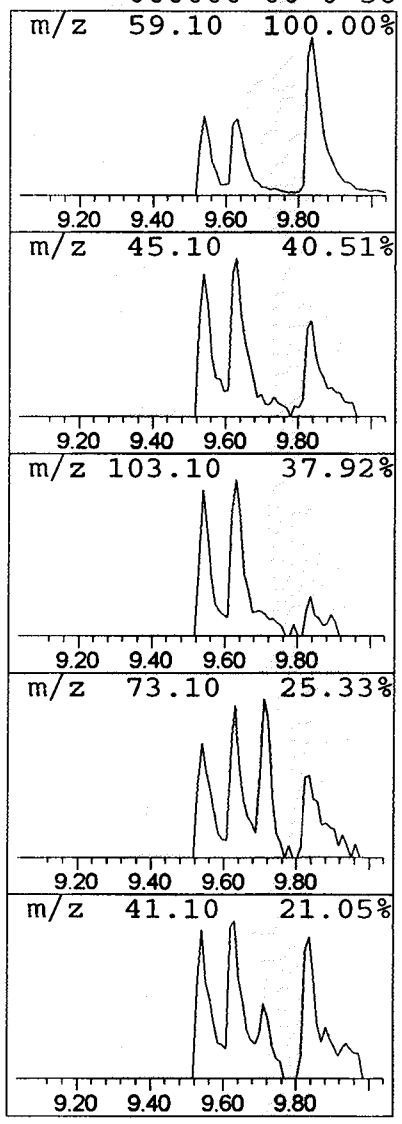
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.32 ug/L	133804	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
3	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	56
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	56





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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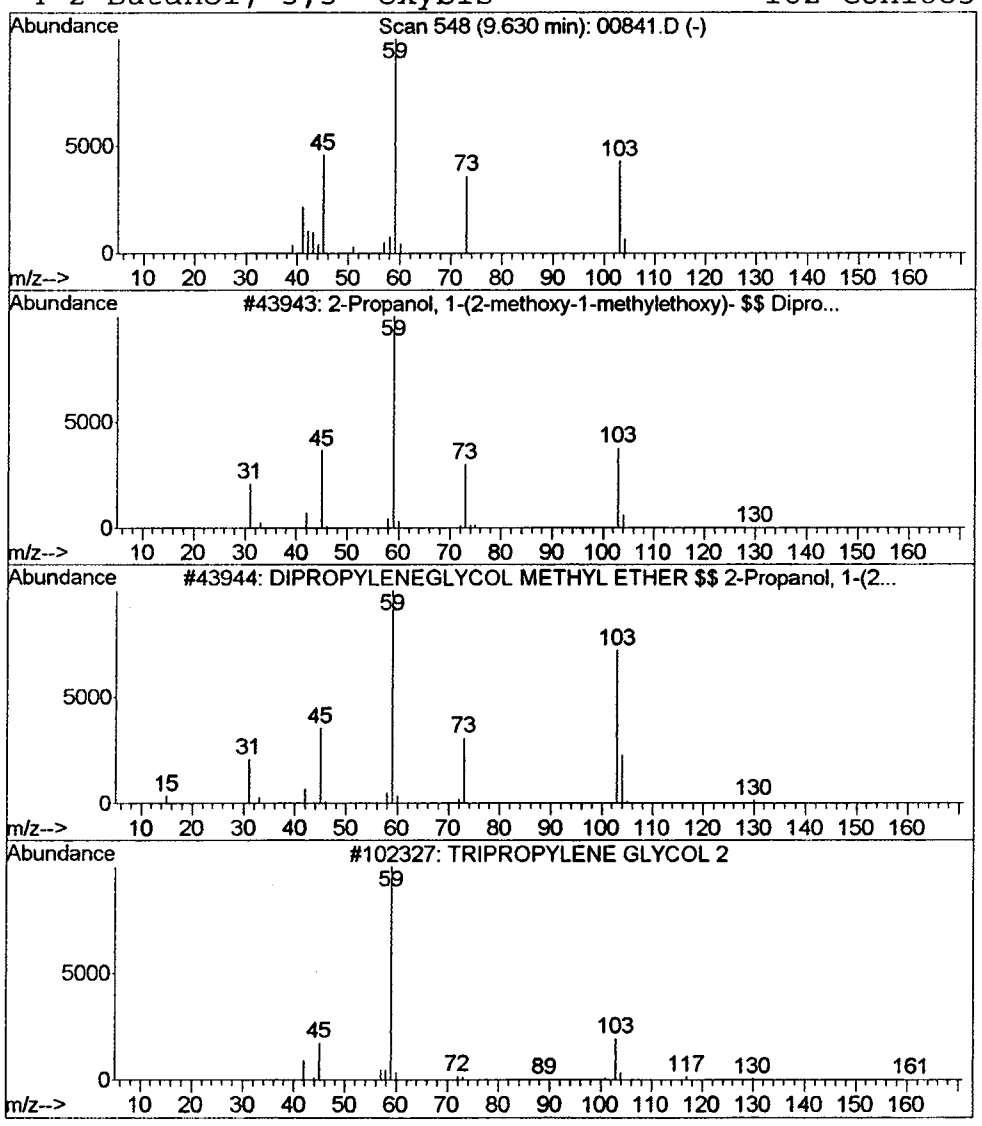
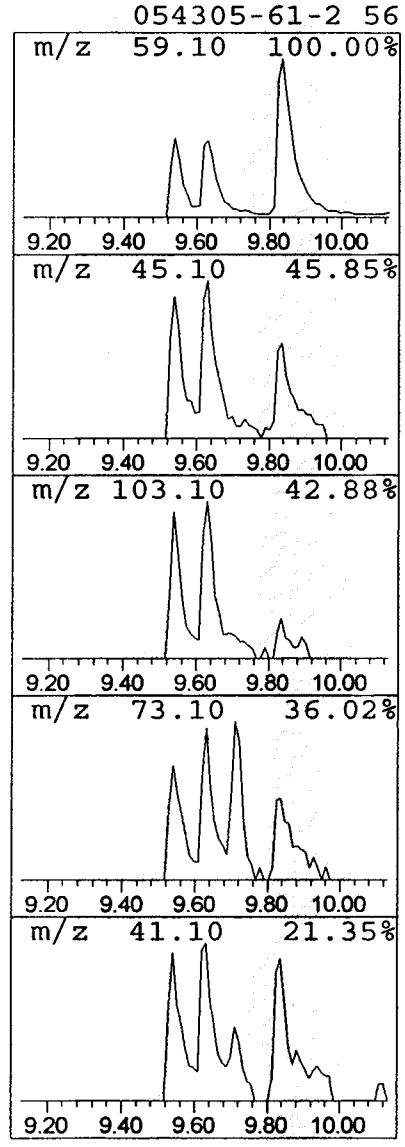
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.33 ug/L	141716	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	59
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                   Operator:
Sample    : 508 scan                                 Inst    : Instrumen
Misc      : February 7, 2002                         Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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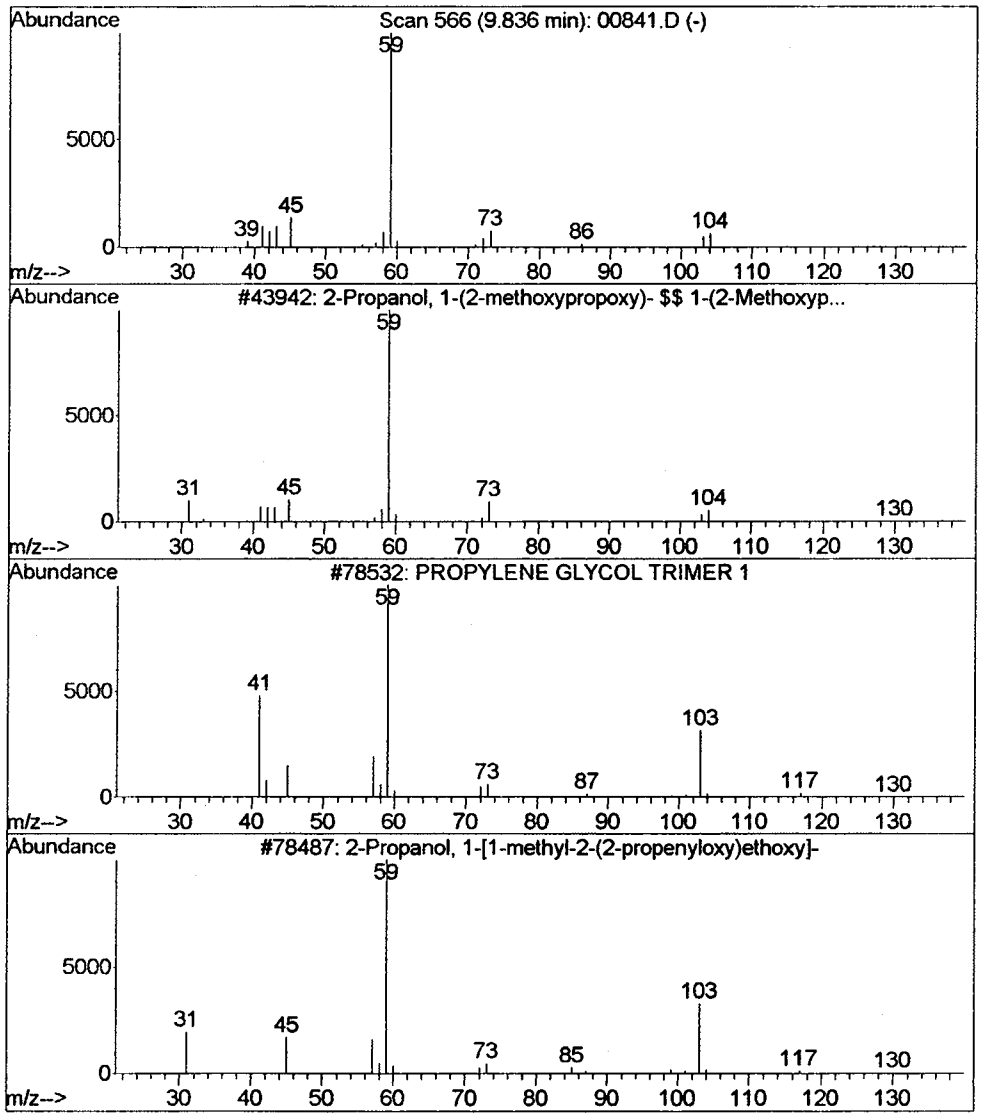
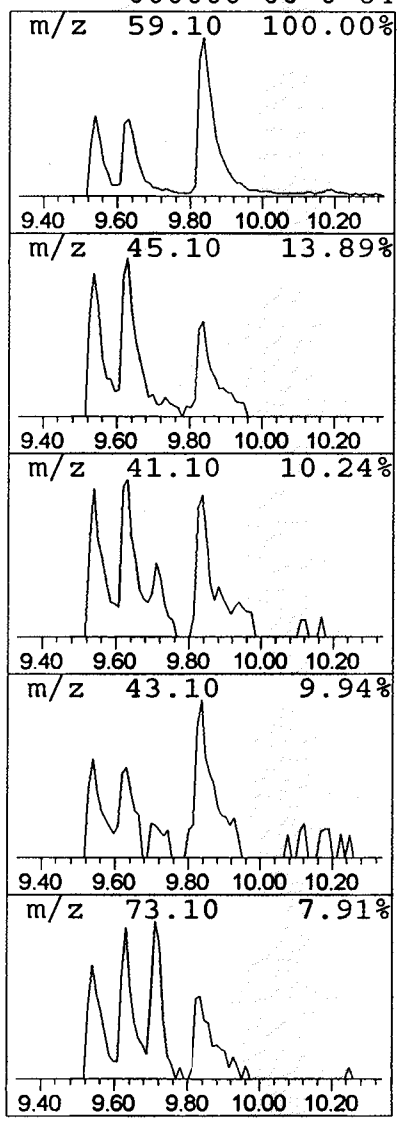
Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.58 ug/L	243889	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	72
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	64





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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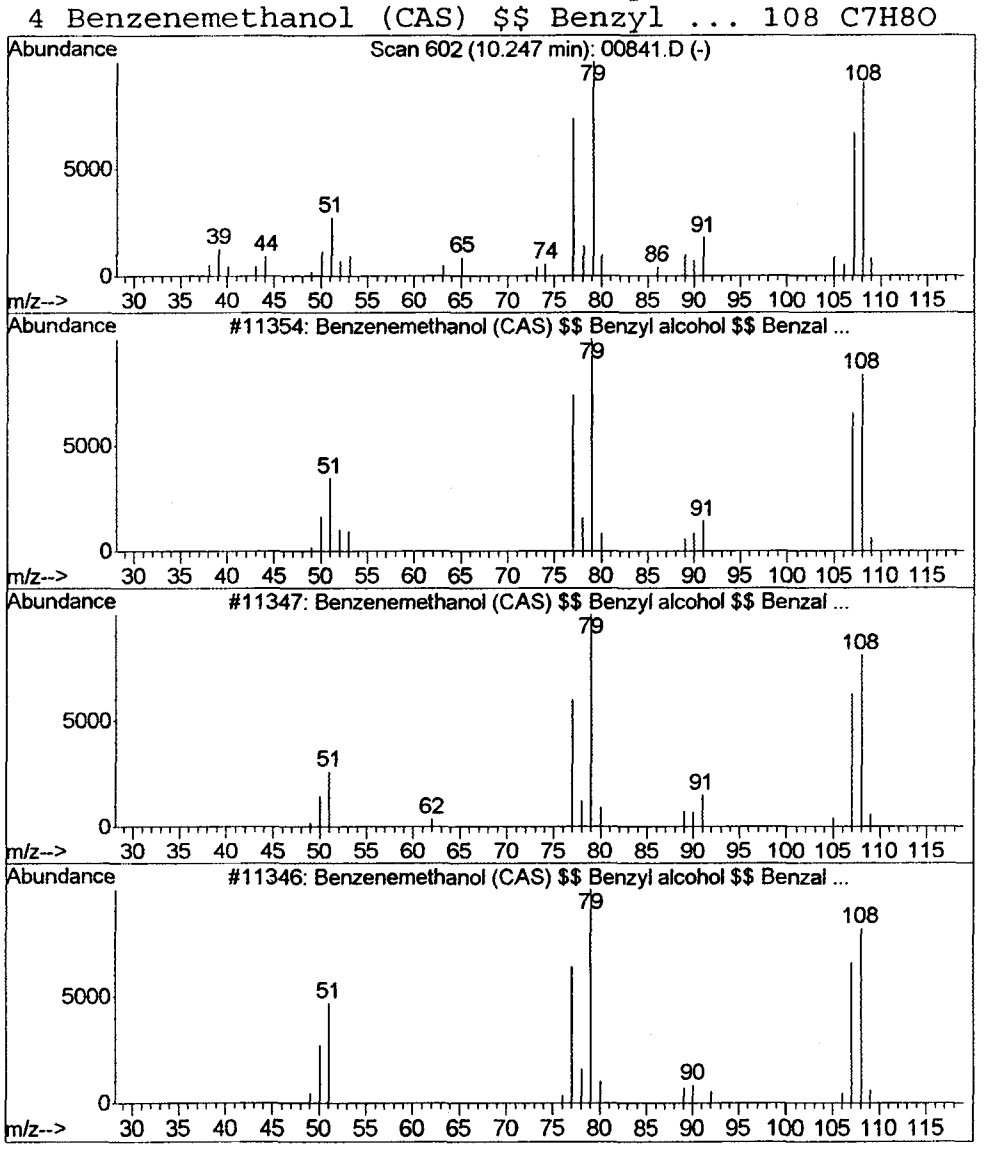
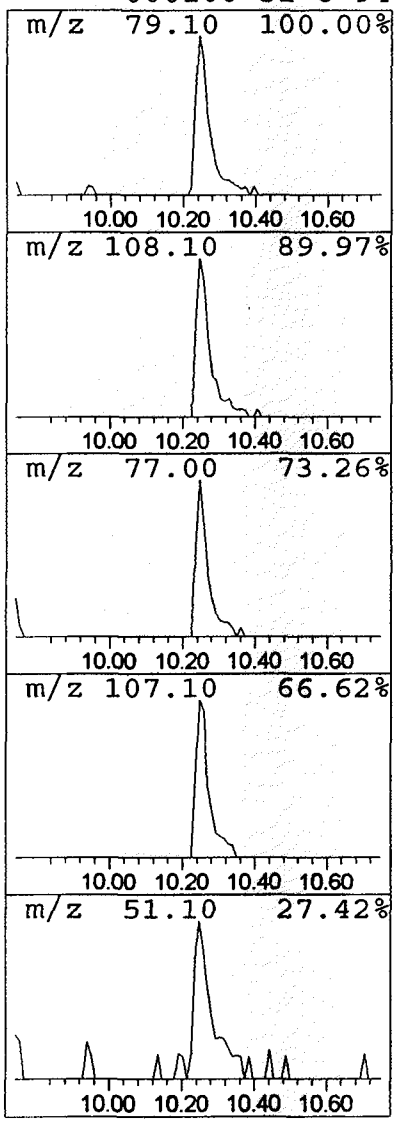
Peak Number 8 Benzenemethanol (CAS) $$ Be... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	0.39 ug/L	164855	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol (CAS) $$ Benzyl ...	108	C7H8O	000100-51-6	95
2	Benzenemethanol (CAS) $$ Benzyl ...	108	C7H8O	000100-51-6	95
3	Benzenemethanol (CAS) $$ Benzyl ...	108	C7H8O	000100-51-6	94
4	Benzenemethanol (CAS) $$ Benzyl ...	108	C7H8O	000100-51-6	94





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Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D          Vial: 4
Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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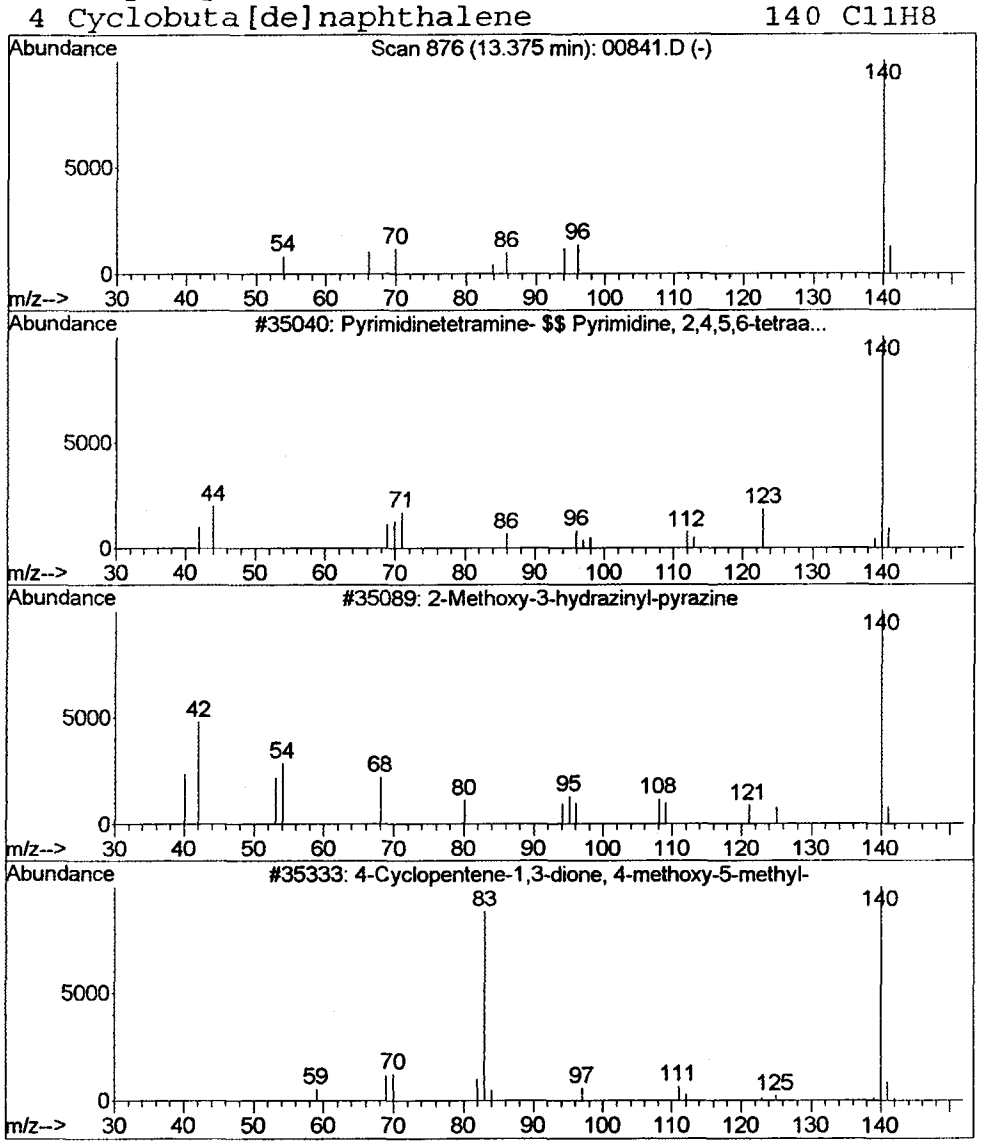
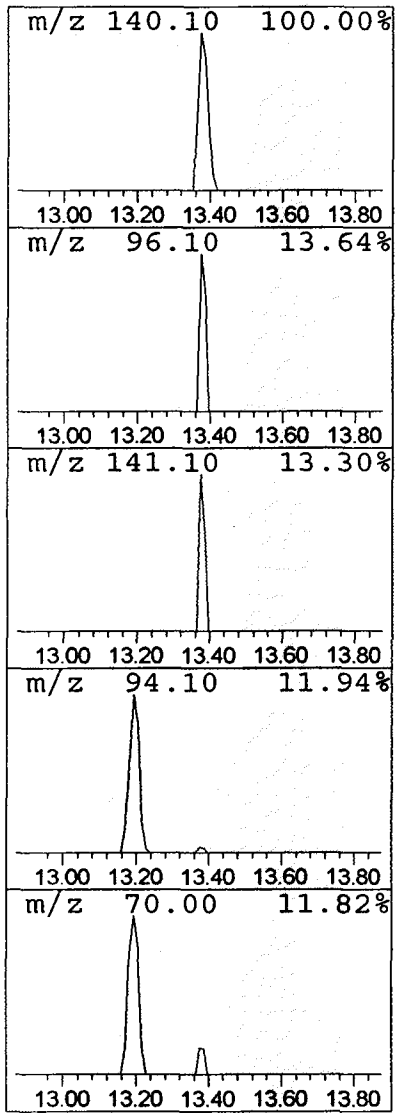
Peak Number 9 Pyrimidinetetramine- $$ Pyr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.06 ug/L	39167	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	72
2	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	40
3	4-Cyclopentene-1,3-dione, 4-meth...	140	C7H8O3	007180-62-3	9
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	9





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Acq On    :  7 Feb 2002    1:32 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : February 7, 2002                          Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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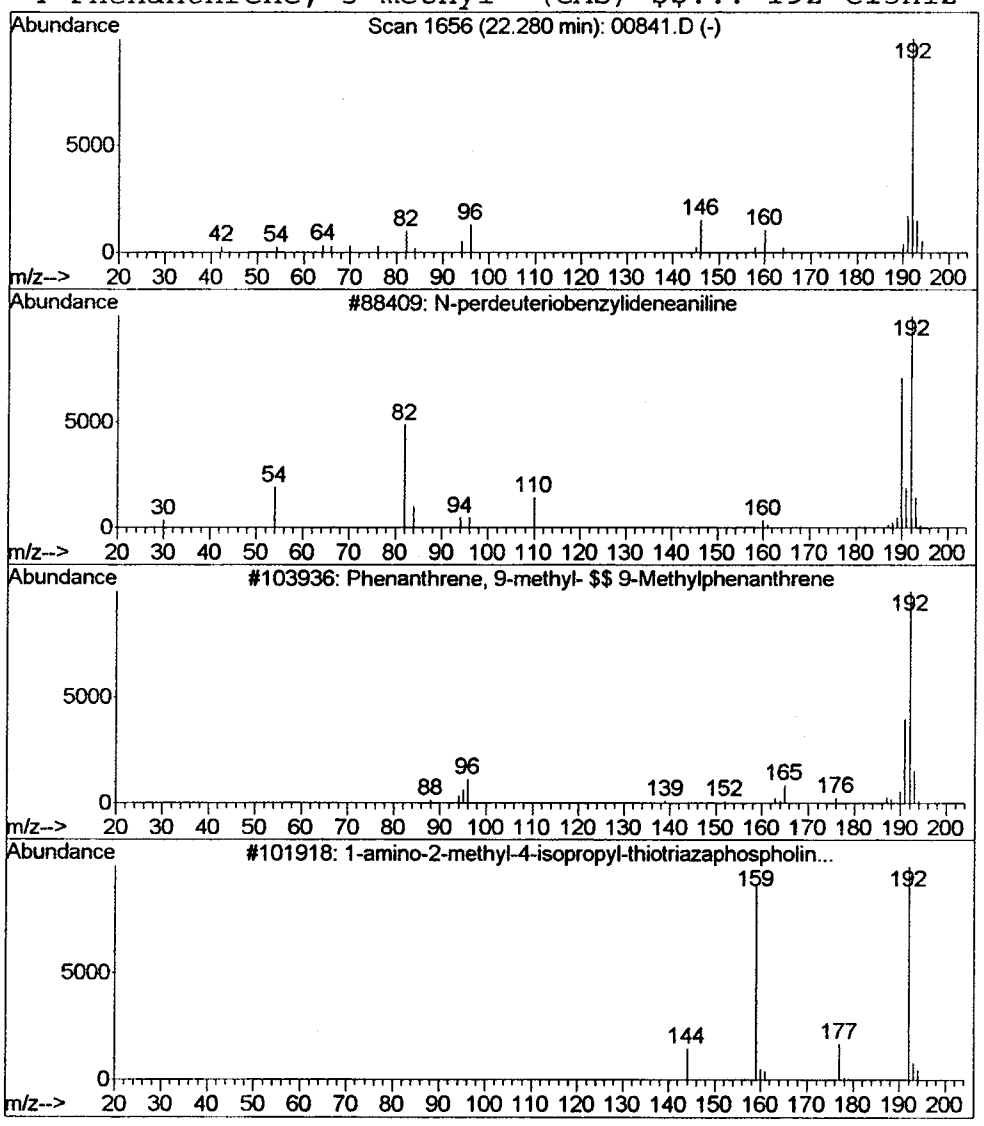
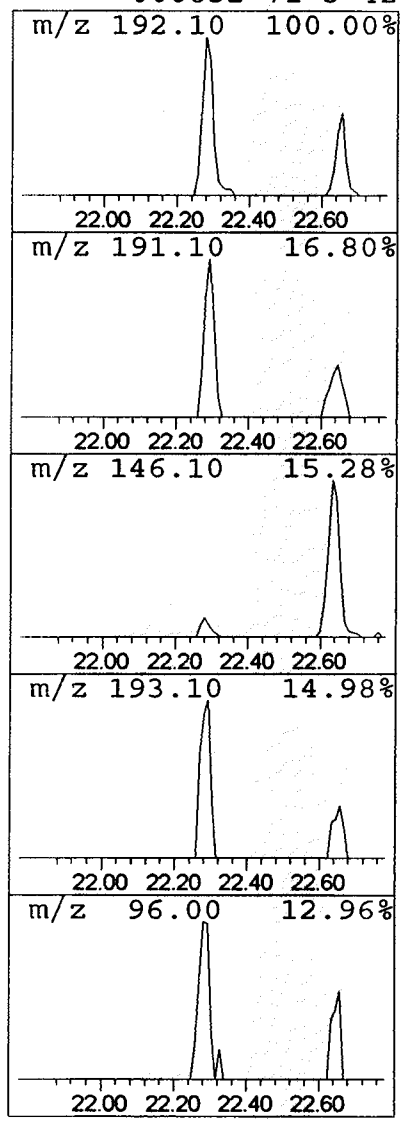
Peak Number 10 N-perdeuteriobenzylideneani... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	92817	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
3	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4	Phenanthrene, 3-methyl- (CAS) $$...	192	C15H12	000832-71-3	42





Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D Vial: 4
Acq On : 7 Feb 2002 1:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 7, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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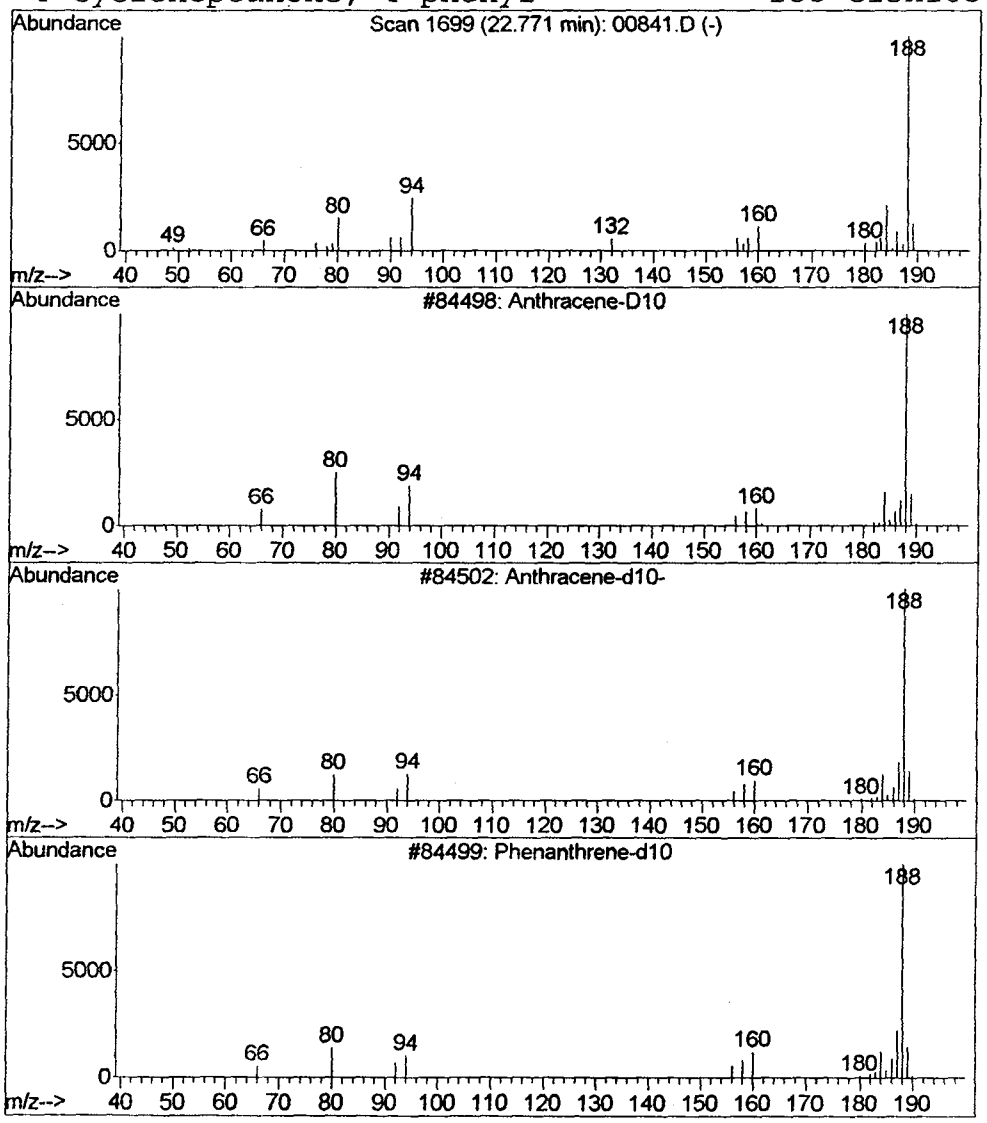
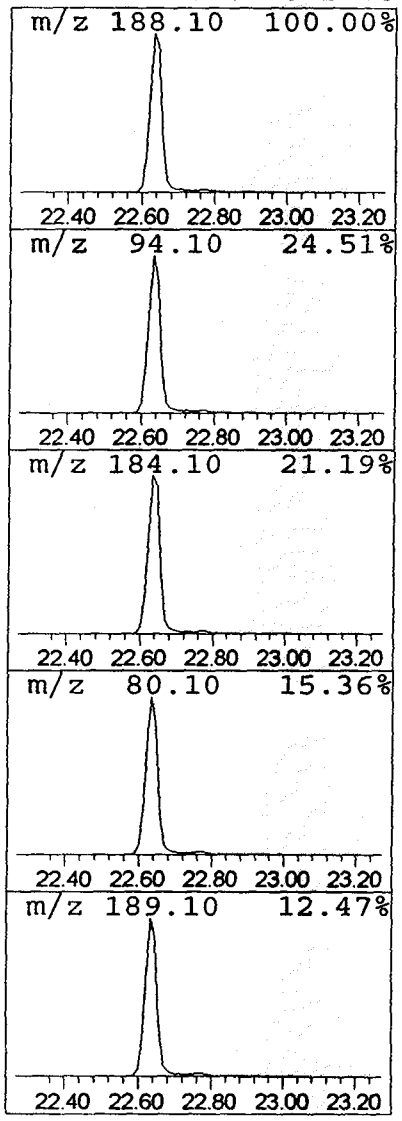
Peak Number 11 Anthracene-D10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.36 ug/L	245719	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	90
2	Anthracene-d10-	188	C14D10	001719-06-8	80
3	Phenanthrene-d10	188	C14D10	001517-22-2	72
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	43





Data File : C:\MSDCHEM\1\5973N\02FEB07\00841.D Vial: 4
Acq On : 7 Feb 2002 1:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 7, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP020702.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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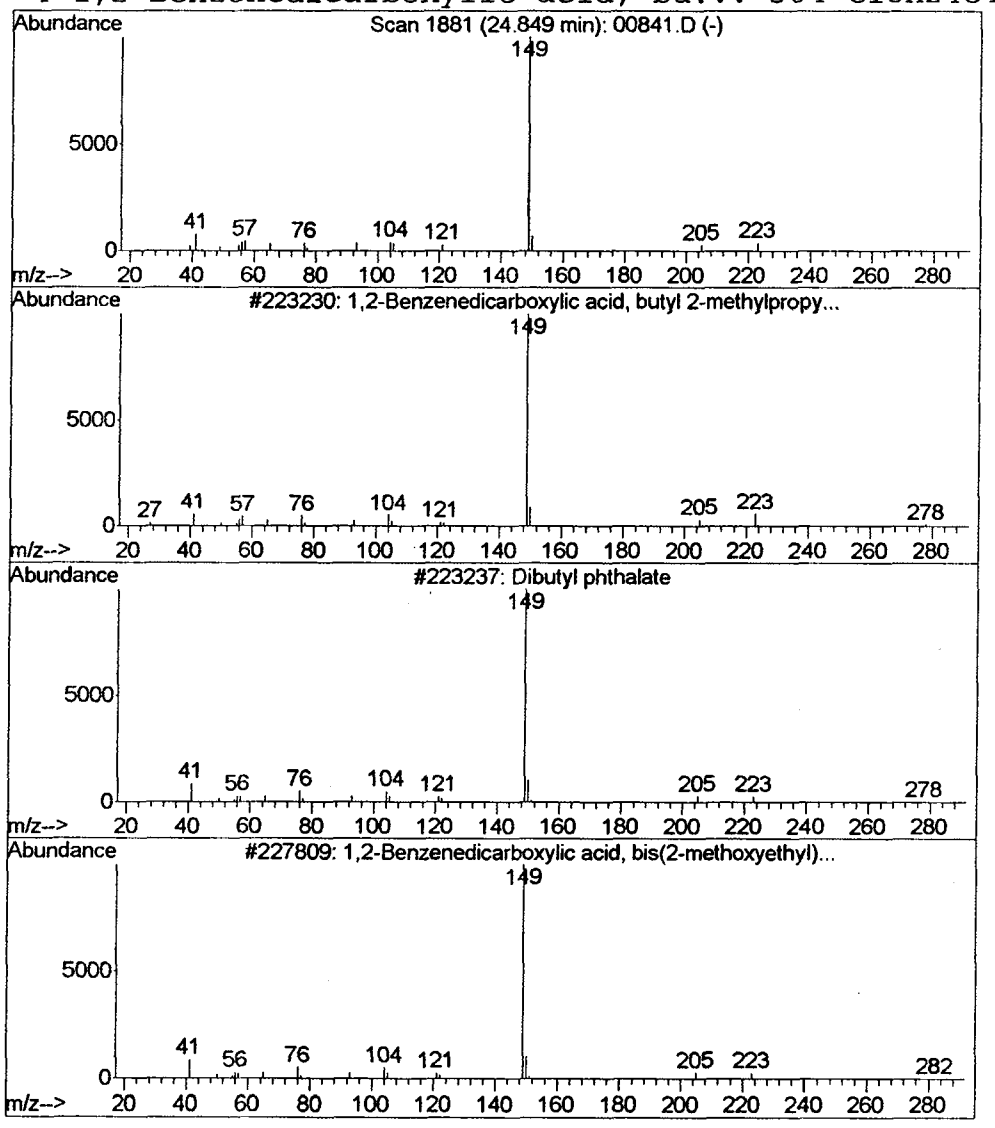
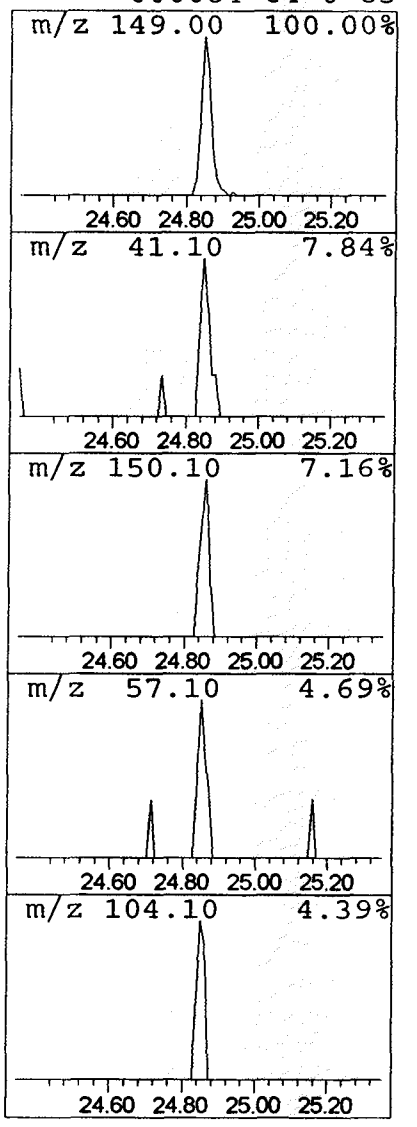
Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.13 ug/L	86944	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	90
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
3	1,2-Benzenedicarboxylic acid, bi...	282	C14H18O6	000117-82-8	83
4	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	83





Operator ID: Date Acquired: 7 Feb 2002 1:32 pm
Data File: C:\MSDCHEM\1\5973N\02FEB07\00841.D
Name: 508 scan
Misc: February 7, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP020702.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
Acetonitrile, dic...	3.50	0.1	ug/L	49421	1	9.71	8478050	20.0
Butanoic acid, me...	3.61	0.1	ug/L	61423	1	9.71	8478050	20.0
Butane, 2-methoxy...	5.92	0.5	ug/L	209794	1	9.71	8478050	20.0
2-Propanone, 1,1,...	6.01	0.2	ug/L	83369	1	9.71	8478050	20.0
2-Propanol, 1-(2-...	9.54	0.3	ug/L	133804	1	9.71	8478050	20.0
2-Propanol, 1-(2-...	9.63	0.3	ug/L	141716	1	9.71	8478050	20.0
2-Propanol, 1-(2-...	9.84	0.6	ug/L	243889	1	9.71	8478050	20.0
Benzenemethanol (...	10.25	0.4	ug/L	164855	1	9.71	8478050	20.0
Pyrimidinetetrami...	13.38	0.1	ug/L	39167	2	13.19	12091700	20.0
N-perdeuteriobenz...	22.28	0.1	ug/L	92817	4	22.63	13822000	20.0
Anthracene-D10	22.77	0.4	ug/L	245719	4	22.63	13822000	20.0
1,2-Benzenedicarb...	24.85	0.1	ug/L	86944	4	22.63	13822000	20.0