User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 11:29:01

Sample: AE09330
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:26 Ended: 5/8/02 11:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE09330 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 11:29:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\050202\9330.D Vial: 10
Acq On : 2 May 2002 6:58 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 13:54:33 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

reanalyzed with better LCS

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.95	152	5976467	40.00	ug/L	0.02
10) Napthalene-d8	13.44	136	24200596	40.00	ug/L	0.00
17) Acenapthalene-d10	18.58	164	13305902	40.00	ug/L	0.01
29) Phenanthranene-d10	22.96	188	19562597	40.00	ug/L	0.01
37) Chrysene-d12	30.82	240	15850830	40.00	ug/L	0.01
43) Perylene-d12	34.73	264	11319025	40.00	ug/L	0.02
System Monitoring Compounds						
27) TCMX	20.54	209	675110	7.22	ug/L	0.00
Spiked Amount 10.000			Recovery = 72.20%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	20.14	149	32180	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	0.00	77	0	N.D.		
30) Nnitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		

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

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MS Integration Params: EVENTS.E
Quant Time: May 06 13:54:33 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

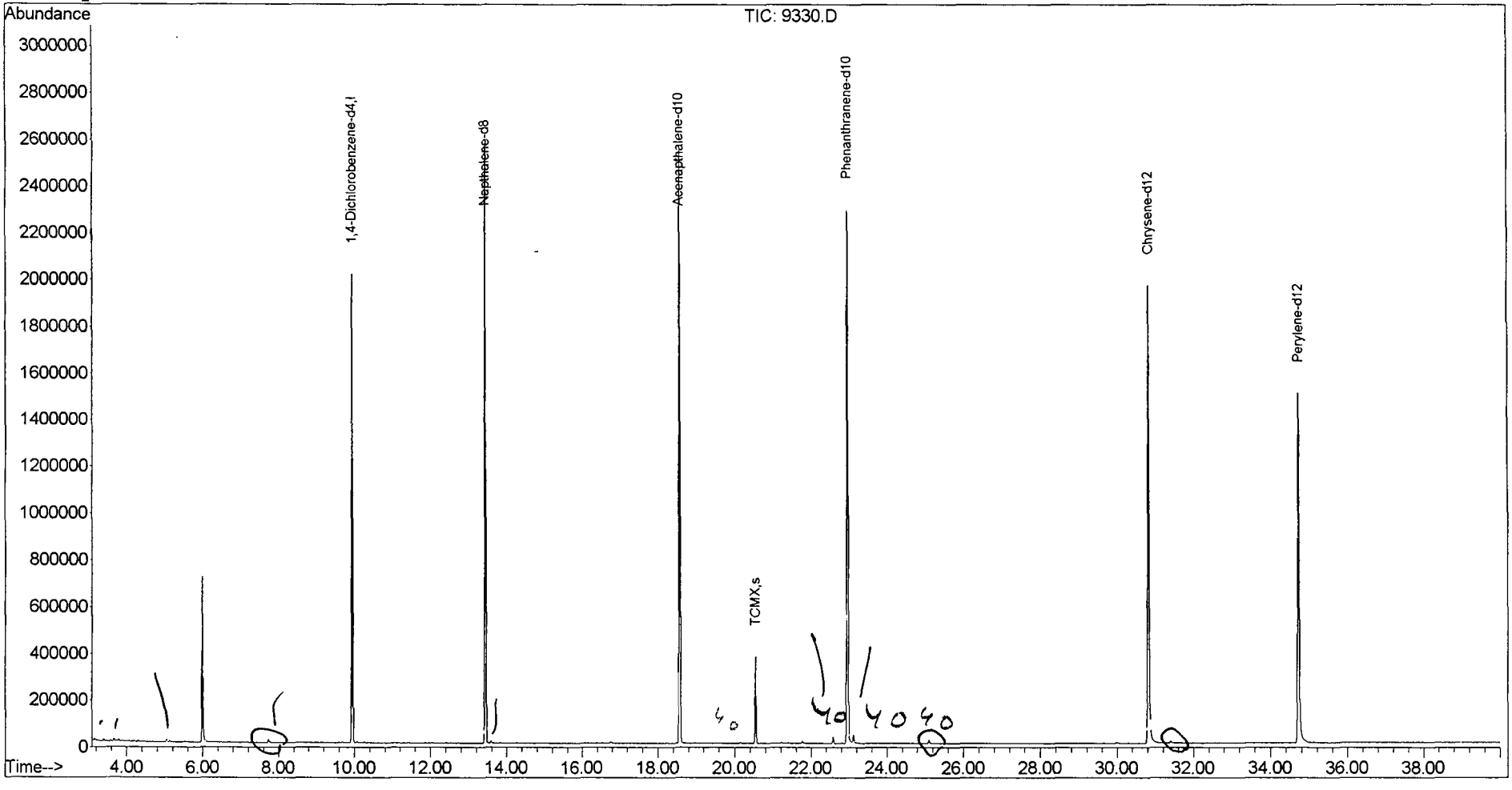
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.		
35)	Di-n-butylphthalate	25.09	149	153401	N.D.		
36)	Fluoroanthene	0.00	202	0	N.D.		
38)	Pyrene	0.00	202	0	N.D.		
39)	Butylbenzylphthalate	0.00	149	0	N.D.		
40)	Benzo(a)anthracene	30.82	228	40493	N.D.		
41)	Bis(2-ethylhexyl)phthalate	31.39	149	26630	N.D.		
42)	Chrysene	0.00	228	0	N.D.		
44)	Di-n-octylphthalate	0.00	149	0	N.D.		
45)	Benzo(b)fluoranthene	0.00	252	0	N.D.		
46)	Benzo(k)fluoranthene	0.00	252	0	N.D.		
47)	Benzo(a)pyrene	0.00	252	0	N.D.		
48)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
49)	Dibenz(a,h)anthracene	0.00	278	0	N.D.		
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

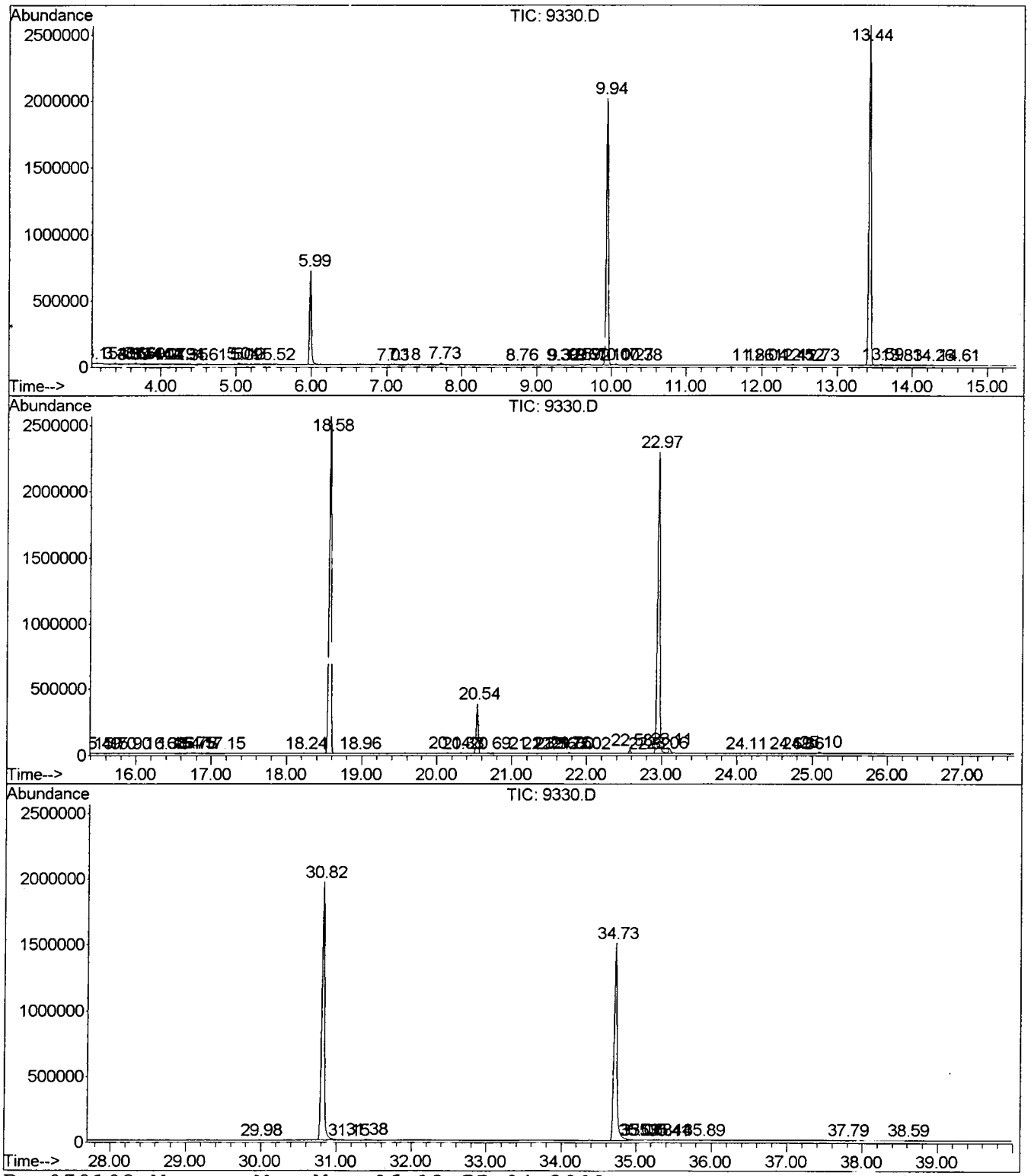
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\9330.D Vial: 10
Acq On : 2 May 2002 6:58 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 13:54 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration



File : C:\MSDCHEM\1\DATA\050202\9330.D
Operator : Mclean
Acquired : 2 May 2002 6:58 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/29
Misc Info :
Vial Number: 10
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\050202\9330.D
Acq On : 2 May 2002 6:58 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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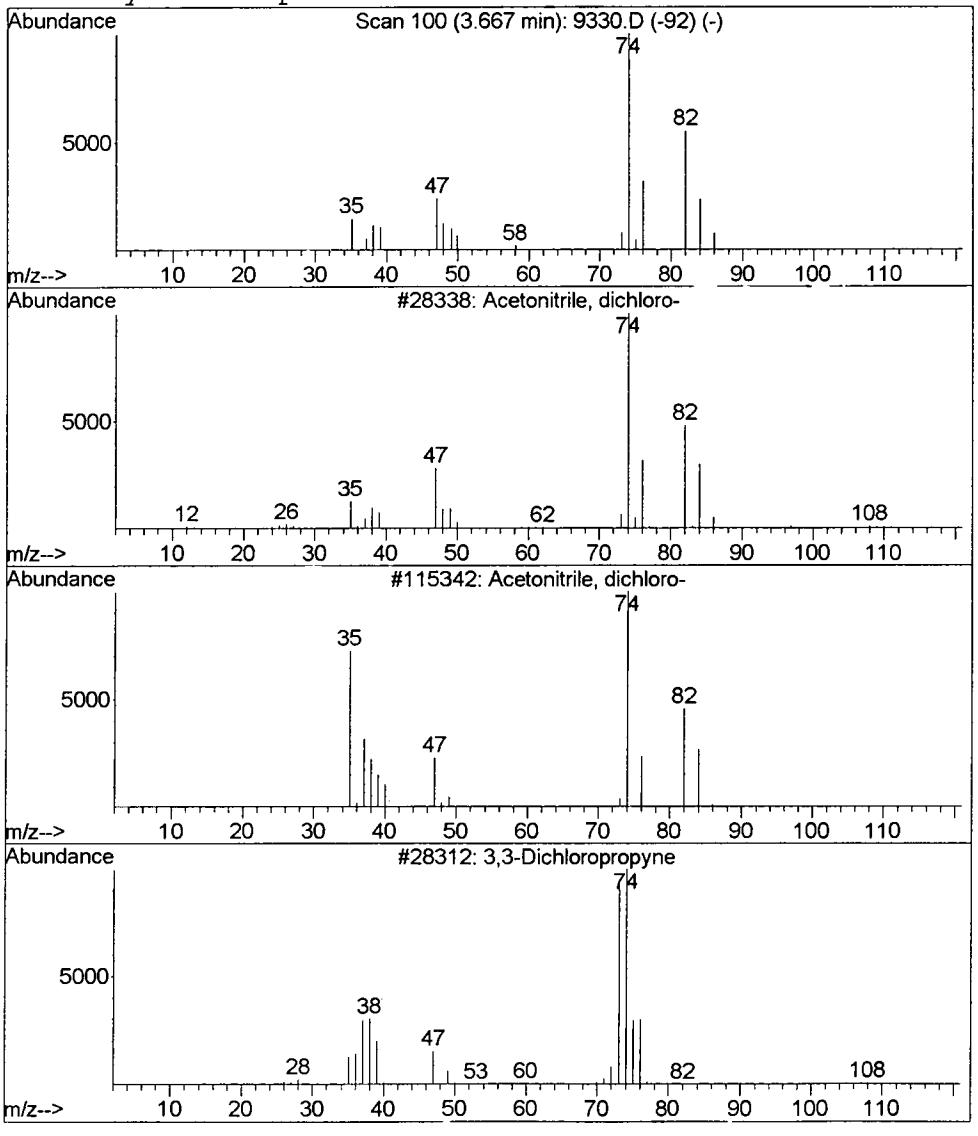
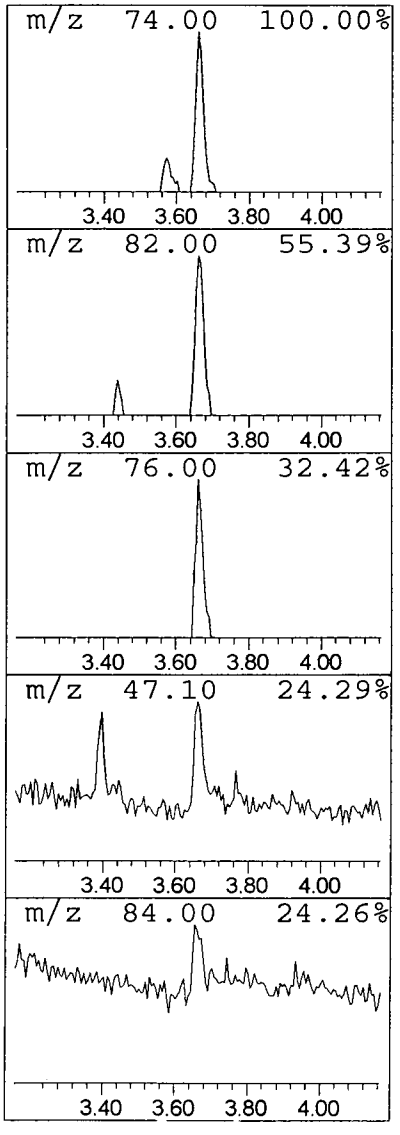
Peak Number 1 Acetonitrile, dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	0.25 ug/L	230005	1,4-Dichlorobenzene-d4	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	91
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	40
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	28
4	Allyl mercaptan	74	C3H6S	000870-23-5	25





Data File : C:\MSDCHEM\1\DATA\050202\9330.D
Acq On : 2 May 2002 6:58 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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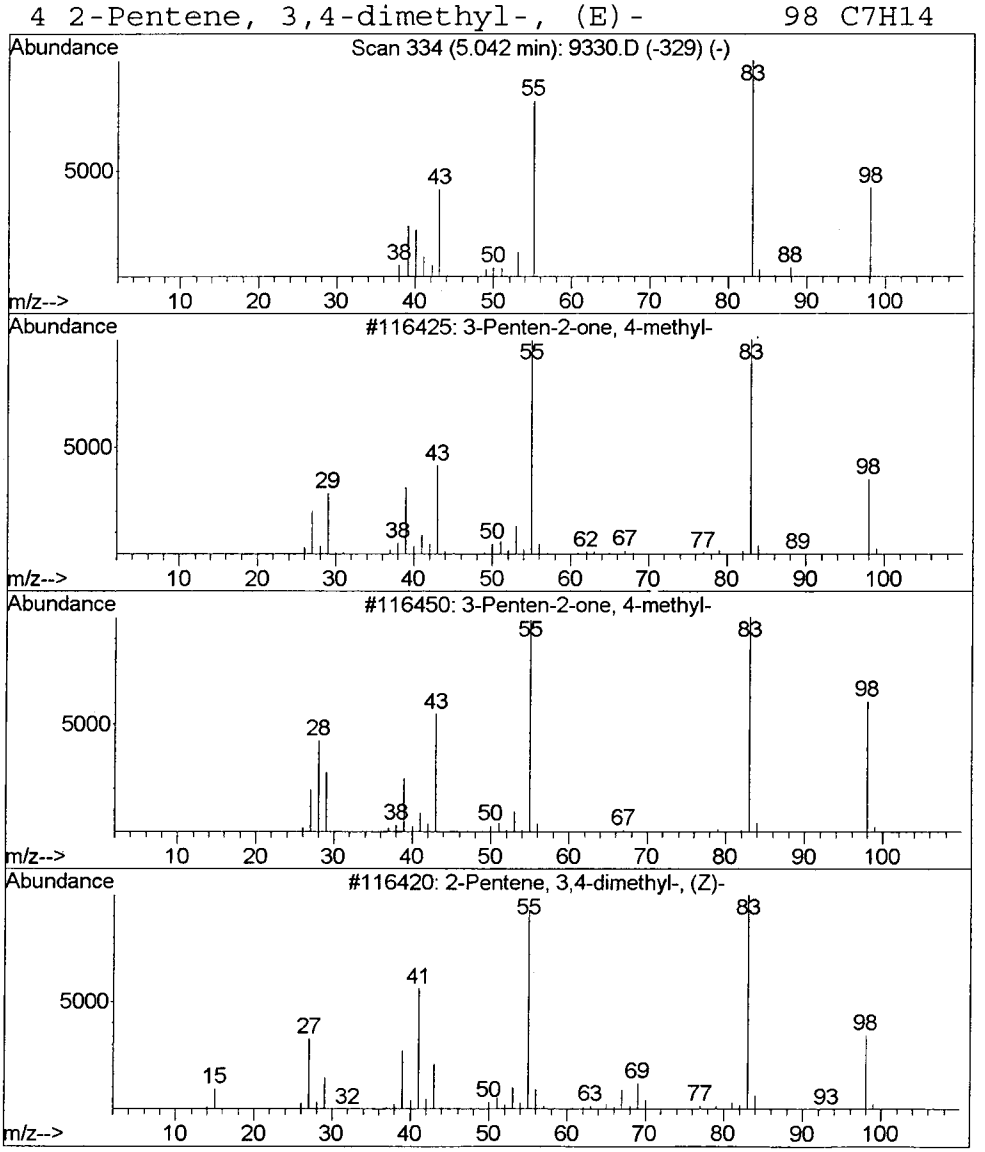
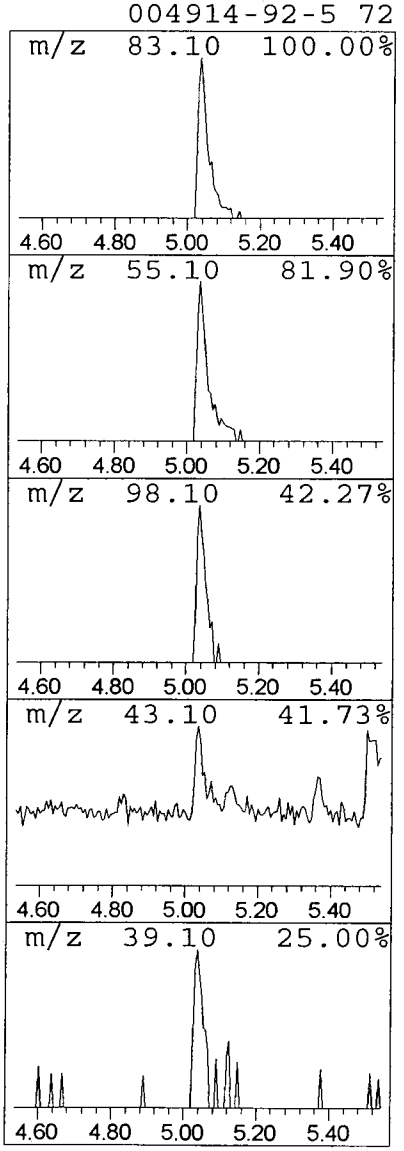
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.23 ug/L	216064	1,4-Dichlorobenzene-d4	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72





Data File : C:\MSDCHEM\1\DATA\050202\9330.D Vial: 10
Acq On : 2 May 2002 6:58 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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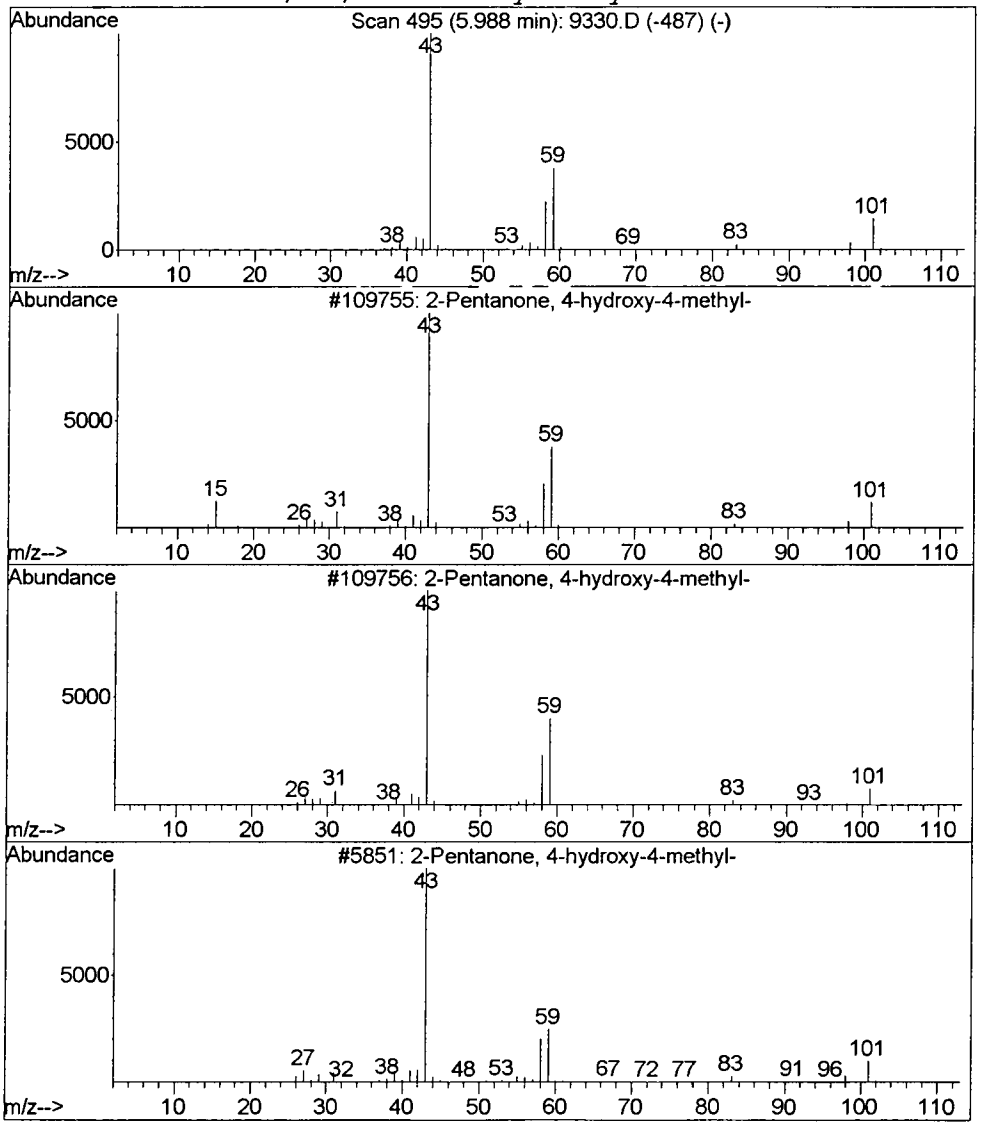
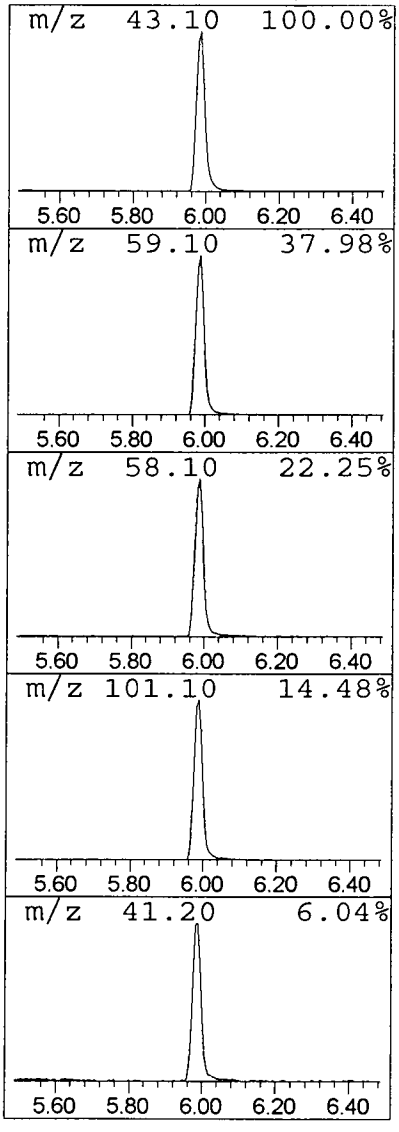
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	12.91 ug/L	11896600	1,4-Dichlorobenzene-d4	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





Data File : C:\MSDCHEM\1\DATA\050202\9330.D Vial: 10
Acq On : 2 May 2002 6:58 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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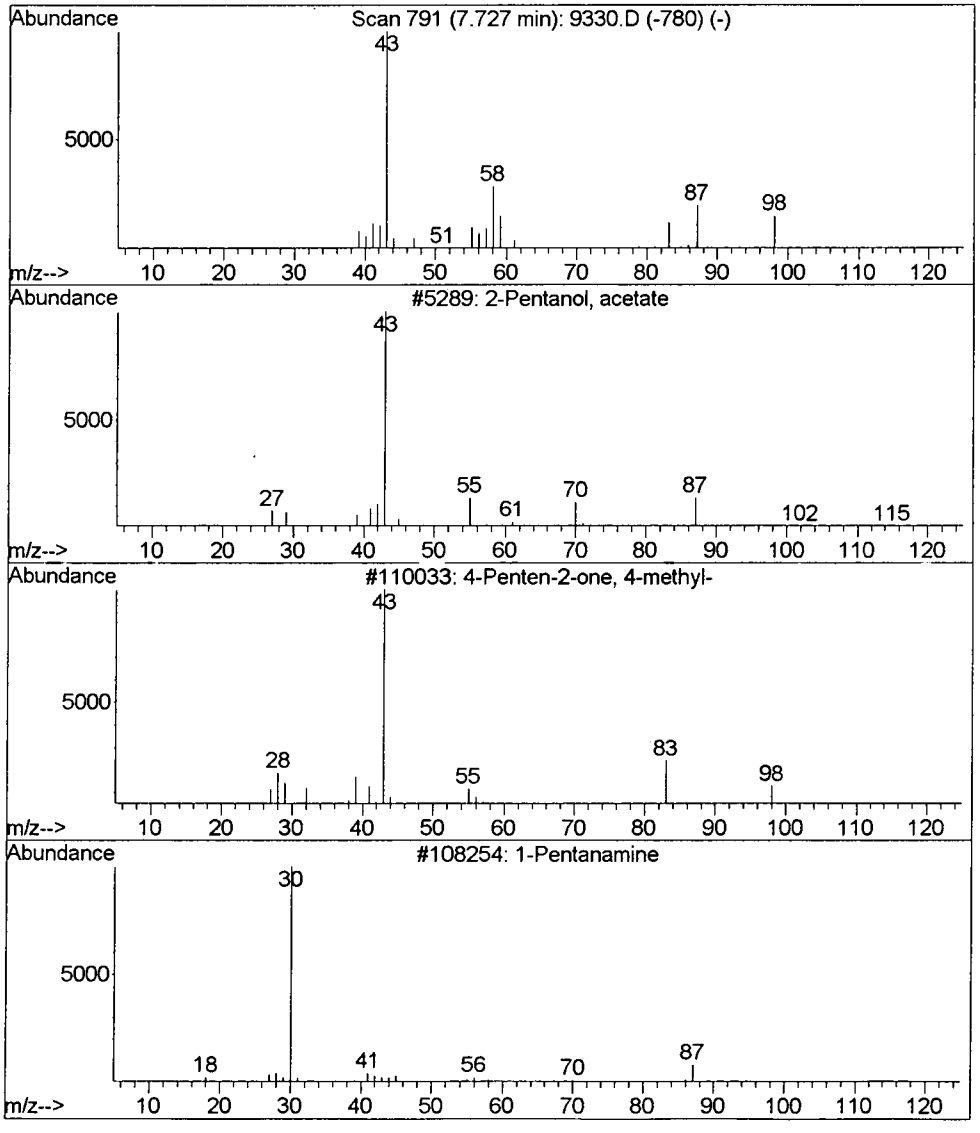
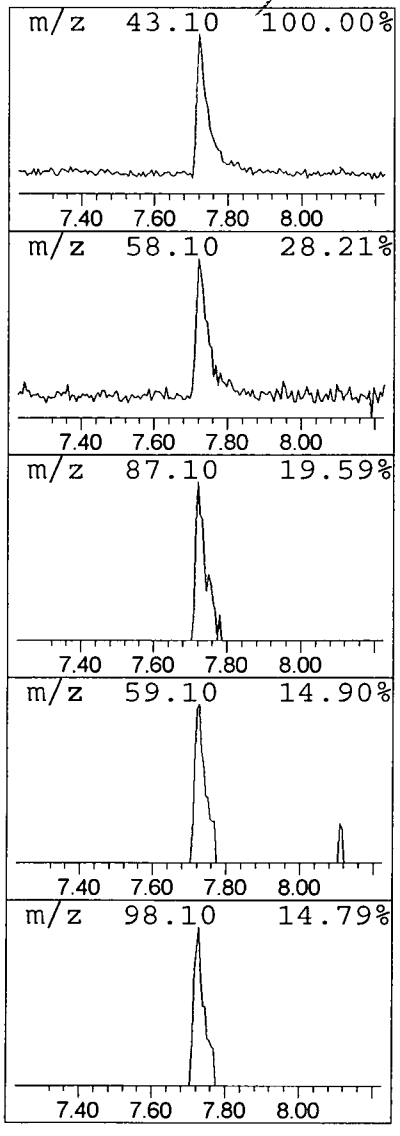
Peak Number 4 2-Pentanol, acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.37 ug/L	337345	1,4-Dichlorobenzene-d4	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, acetate	130	C7H14O2	000626-38-0	23
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	16
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	Acetone	58	C3H6O	000067-64-1	9





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Acq On : 2 May 2002 6:58 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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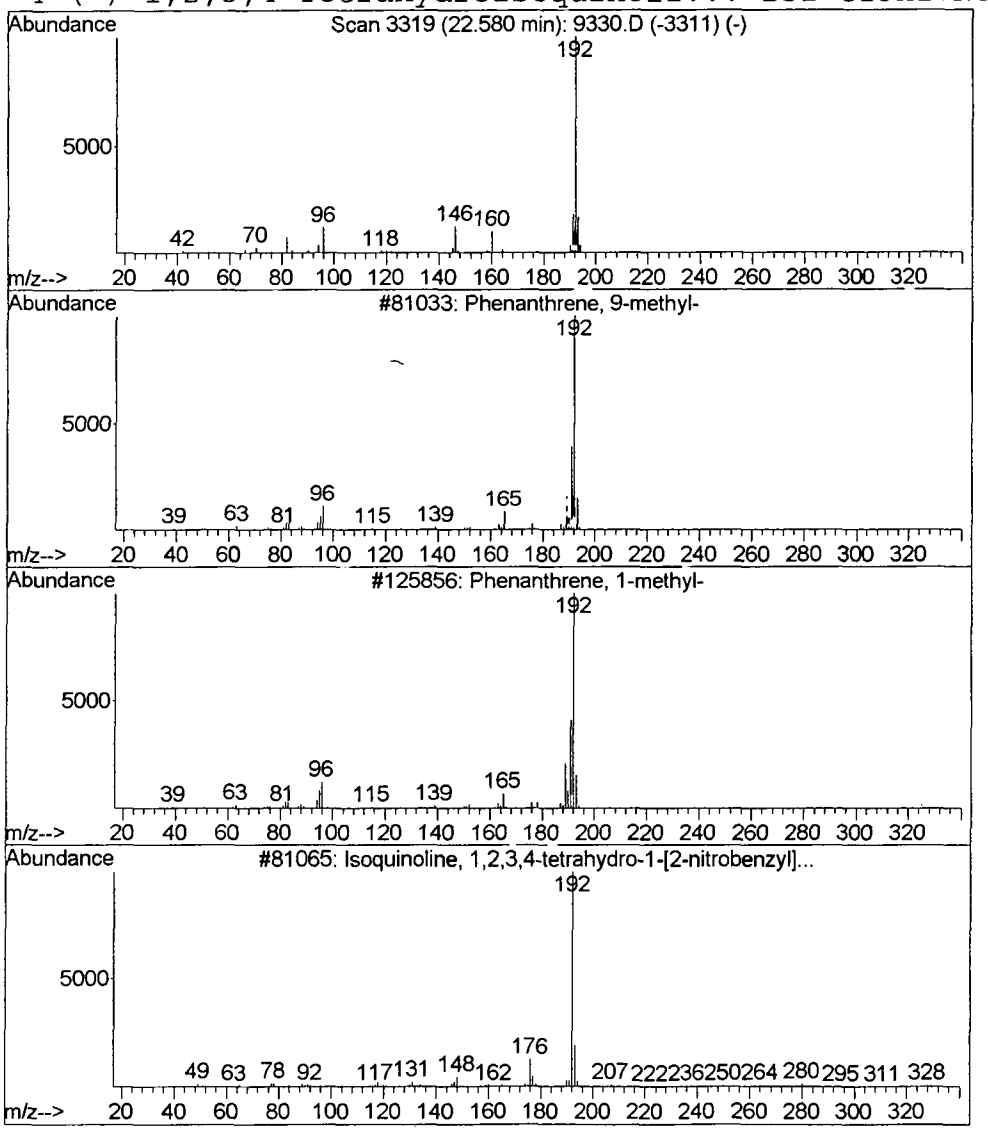
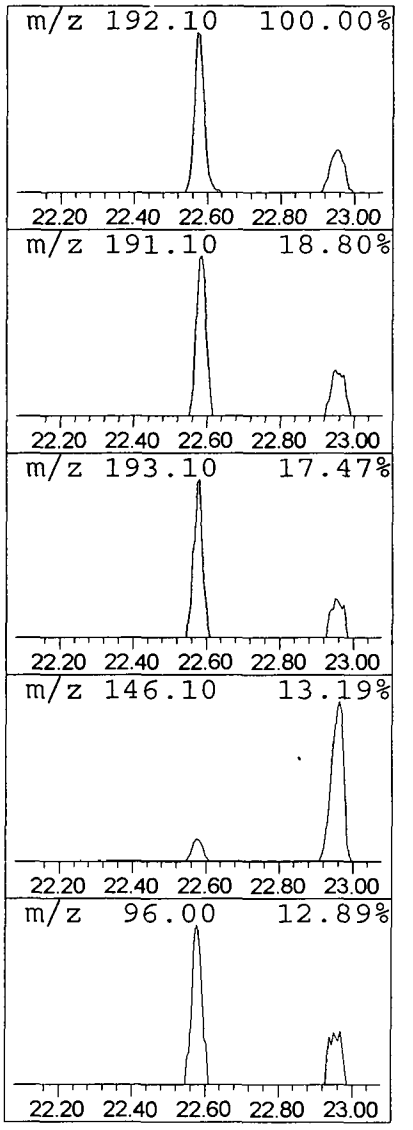
Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.40 ug/L	540244	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	Isoquinoline, 1,2,3,4-tetrahydro...	328	C18H20N2O4	1000128-79-2	42
4	(-)-1,2,3,4-Tetrahydroisoquinoli...	251	C13H17NO4	1000127-91-1	42





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Acq On : 2 May 2002 6:58 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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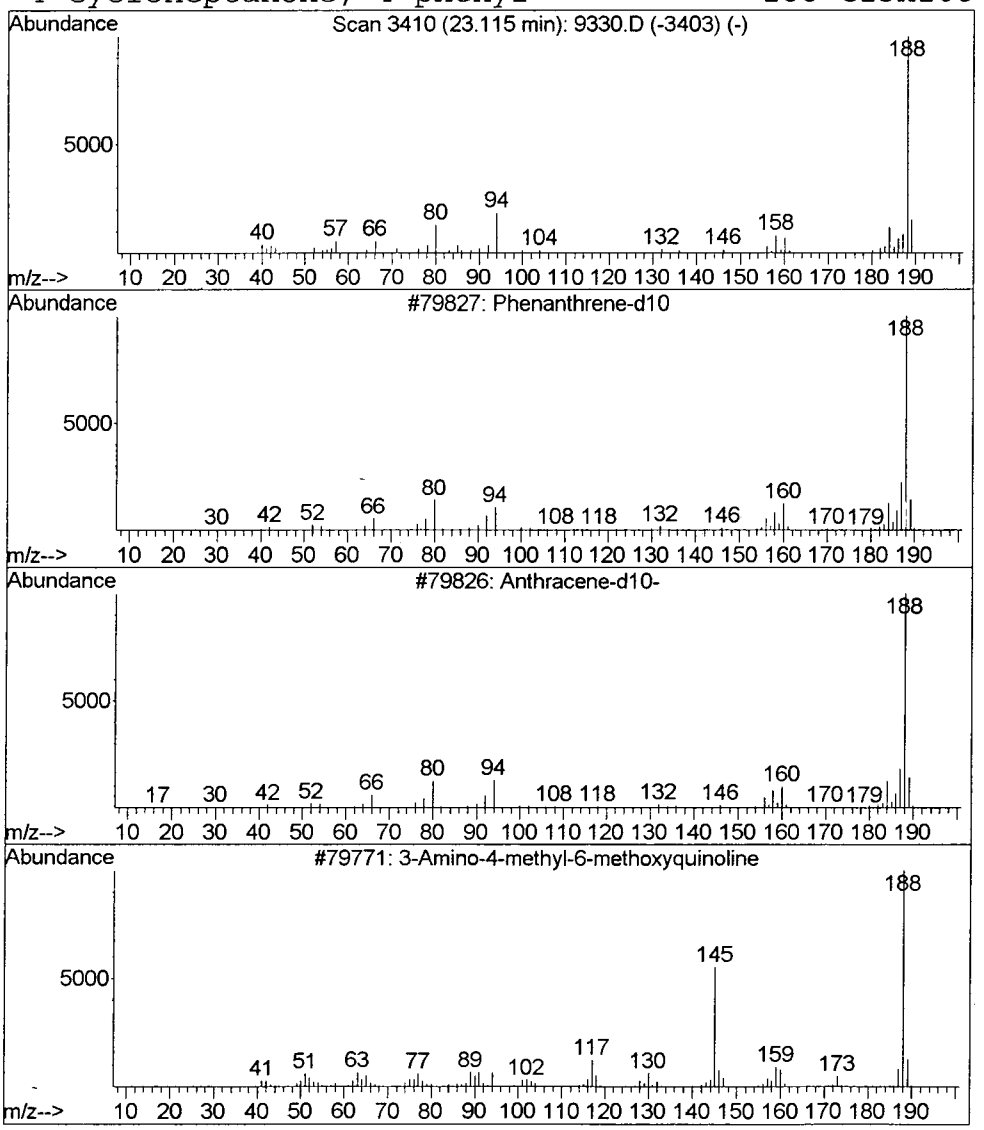
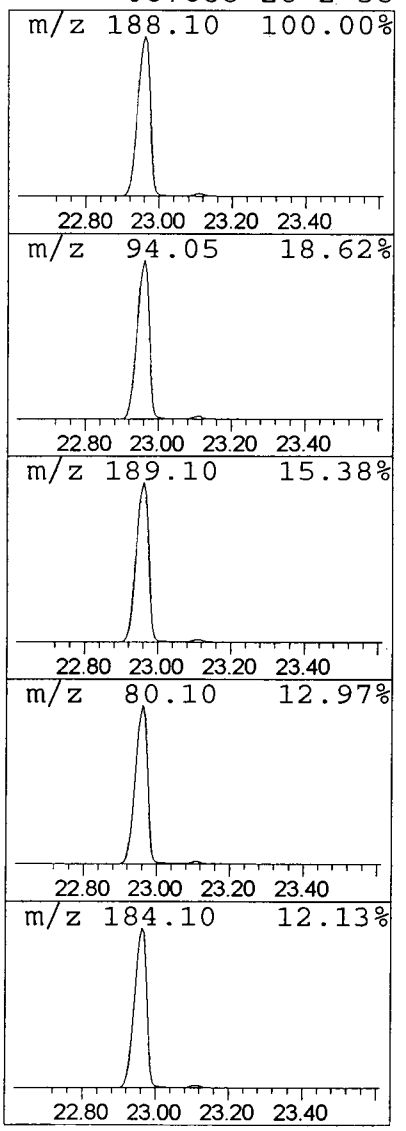
Peak Number 6 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.61 ug/L	828430	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	38





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Data File : C:\MSDCHEM\1\DATA\050202\9330.D              Vial: 10
Acq On    :  2 May 2002    6:58 pm                   Operator: Mclean
Sample    : 4/29                                     Inst    : Instrumen
Misc      :                                          Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title        : 508 Modified GC/MS scan
Library      : C:\DATABASE\NIST98.L
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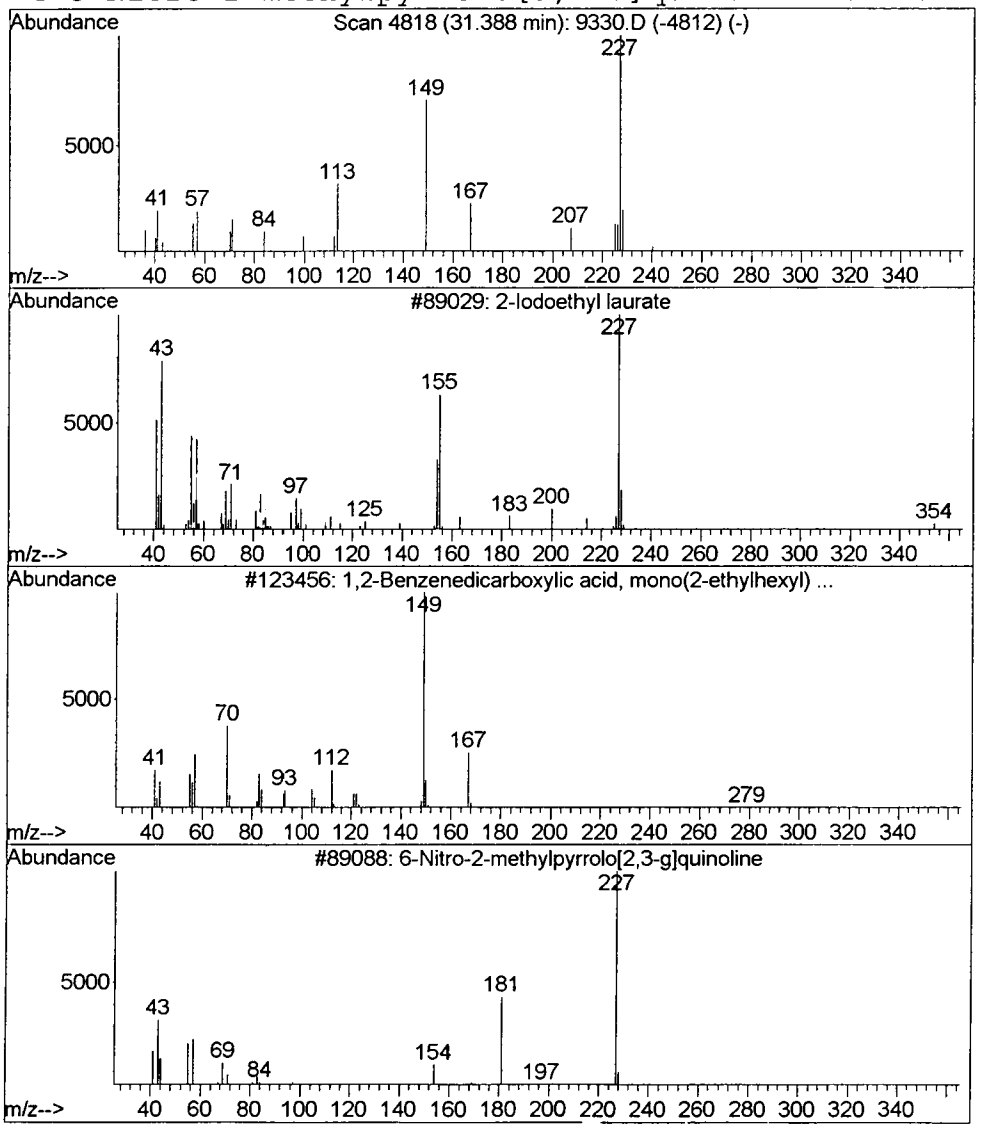
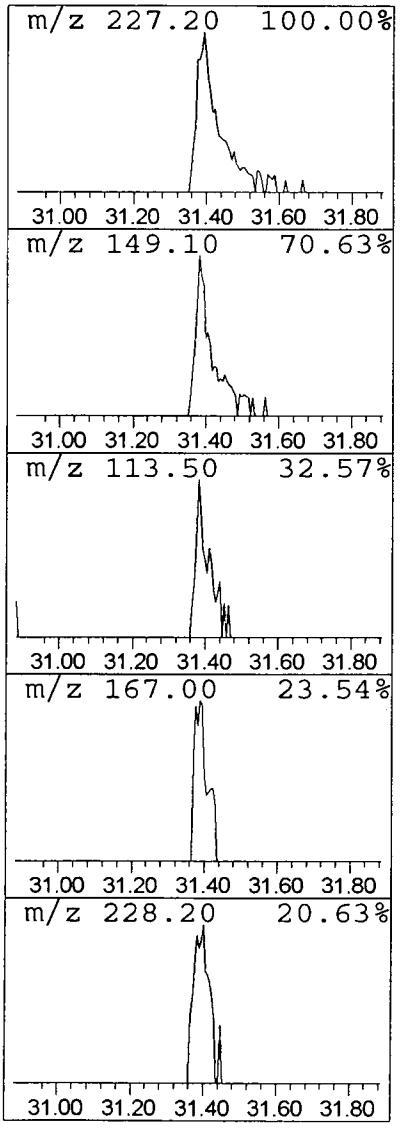
Peak Number 7 2-Iodoethyl laurate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.38	0.27 ug/L	337218	Chrysene-d12	30.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Iodoethyl laurate	354	C14H27IO2	1000117-50-2	12
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	12
3	6-Nitro-2-methylpyrrolo[2,3-g]qu...	227	C12H9N3O2	1000071-35-1	10
4	8-Nitro-2-methylpyrrolo[3,2-F]qu...	227	C12H9N3O2	072793-30-7	10





Operator ID: Mclean Date Acquired: 2 May 2002 6:58 pm
Data File: C:\MSDCHEM\1\DATA\050202\9330.D
Name: 4/29
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.66	0.2	ug/L	230005	1	9.95	36873100	40.0
3-Penten-2-one, 4...	5.04	0.2	ug/L	216064	1	9.95	36873100	40.0
2-Pentanone, 4-hy...	5.99	12.9	ug/L	11896600	1	9.95	36873100	40.0
2-Pentanol, acetate	7.73	0.4	ug/L	337345	1	9.95	36873100	40.0
Phenanthrene, 9-m...	22.58	0.4	ug/L	540244	4	22.96	54092200	40.0
Phenanthrene-d10	23.11	0.6	ug/L	828430	4	22.96	54092200	40.0
2-Iodoethyl laurate	31.38	0.3	ug/L	337218	5	30.82	50114900	40.0