User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:08:59

Sample: AE11907
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:08 Ended: 6/4/02 09:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE11907 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:09:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052202\11907.D Vial: 14
Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:35 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 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	3926372	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	15460555	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	8568201	40.00	ug/L	-0.04
29) Phenanthranene-d10	22.91	188	13093553	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	8102313	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	4378887	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.50	209	1791058	34.43	ug/L	-0.04
Spiked Amount 40.000			Recovery = 86.08%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.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	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	30190	N.D.		
30) Nnitrosodiphenylamine	20.51	169	34377	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.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	N.D.		

(#) = qualifier out of range (m) = manual integration
11907.D 052202.M Tue May 28 12:13:53 2002 Page 1

Quantitation Report (QT Reviewed)

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Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:35 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 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	30.76	228	18752	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	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.	
50)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

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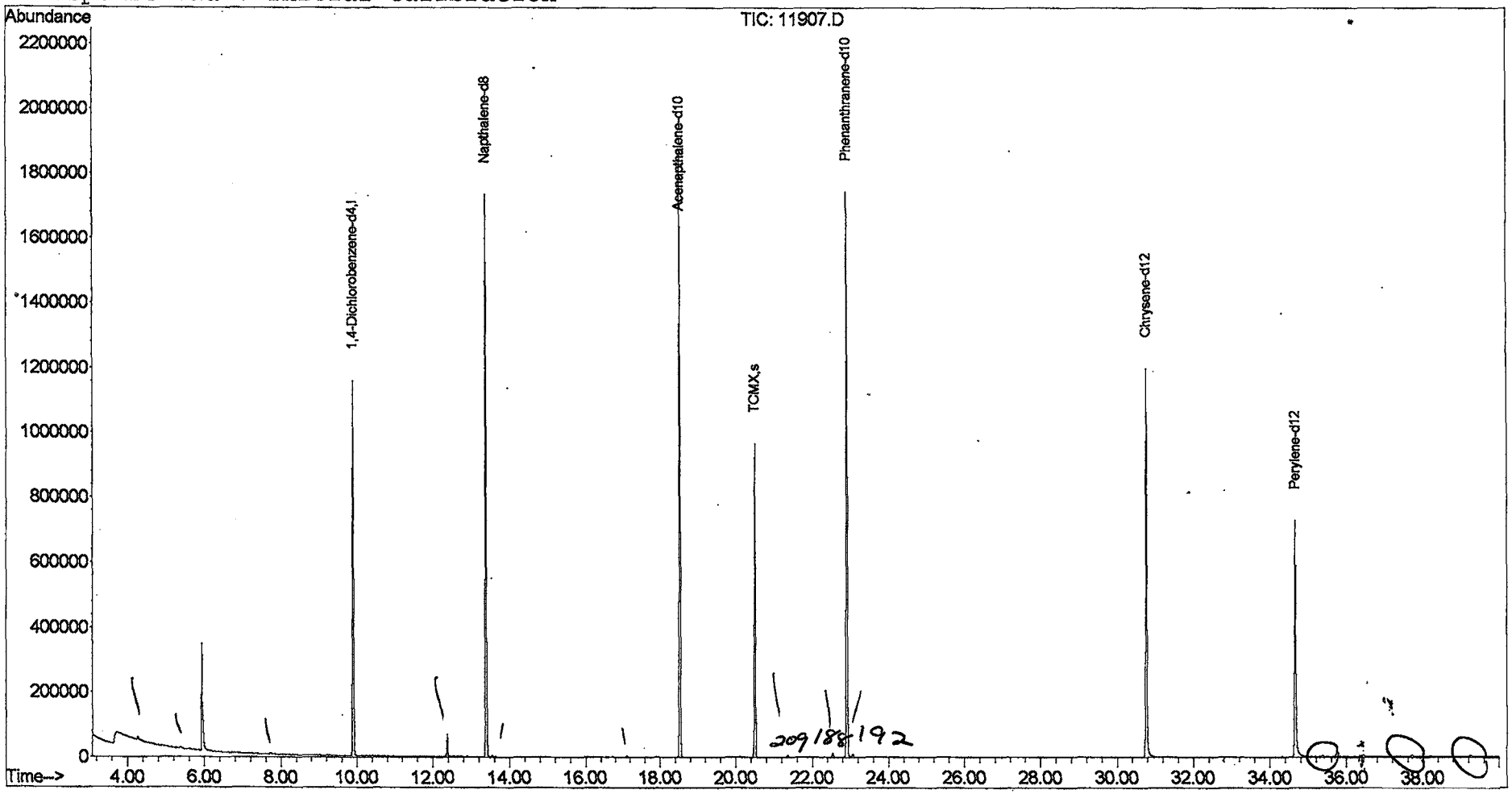
Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 8:42 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052202\11907.D Vial: 14
Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

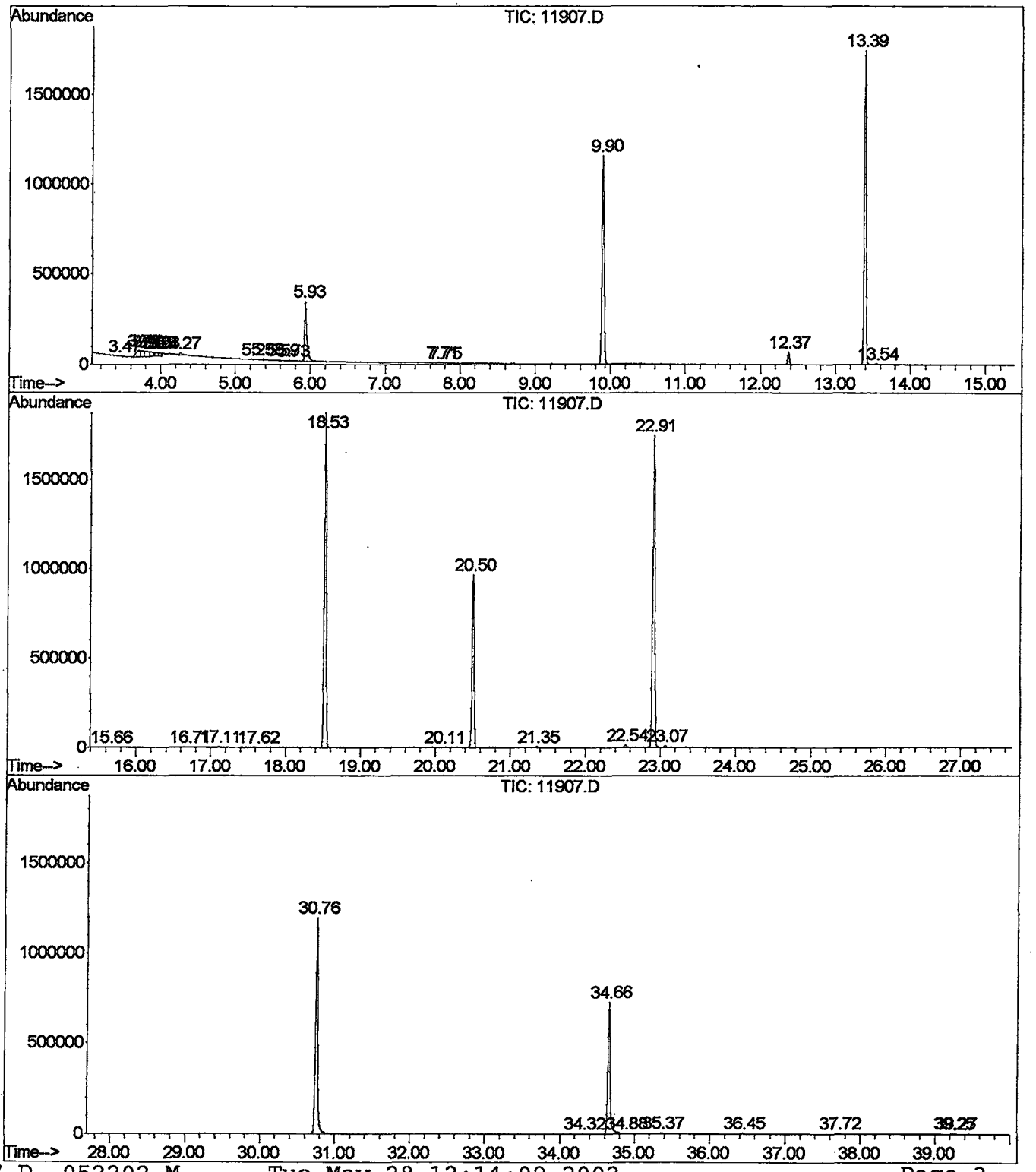
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	64	66	81	PV 5	2775	69180	0.20%	0.035%
2	3.720	92	109	110	PV 4	34377	1287069	3.63%	0.645%
3	3.743	110	113	119	VV 7	33478	959239	2.70%	0.481%
4	3.784	119	120	131	VV 5	30406	1224969	3.45%	0.614%
5	3.861	131	133	141	VV 7	26318	788437	2.22%	0.395%
6	3.914	141	142	144	VV 2	21940	239822	0.68%	0.120%
7	3.937	144	146	151	VV 5	21267	524056	1.48%	0.263%
8	3.984	151	154	159	VV 6	18715	477760	1.35%	0.239%
9	4.266	198	202	212	VV 3	12517	283402	0.80%	0.142%
10	5.247	367	369	373	PV 5	2065	22351	0.06%	0.011%
11	5.377	387	391	407	VV 8	4588	128472	0.36%	0.064%
12	5.594	422	428	433	VV 8	2776	62283	0.18%	0.031%
13	5.729	449	451	456	VV 4	2222	27072	0.08%	0.014%
14	5.935	480	486	523	PV	323777	6937989	19.56%	3.476%
15	7.715	784	789	794	PV 4	3501	78196	0.22%	0.039%
16	7.756	794	796	803	VV 5	1822	28353	0.08%	0.014%
17	9.895	1152	1160	1181	PV	1141811	23225869	65.49%	11.635%
18	12.374	1573	1582	1592	PV	68994	1063776	3.00%	0.533%
19	13.391	1746	1755	1769	PV	1710642	31357864	88.42%	15.709%
20	13.544	1776	1781	1789	VV 2	4126	75281	0.21%	0.038%
21	15.659	2132	2141	2149	PV 4	1774	34829	0.10%	0.017%
22	16.705	2311	2319	2325	PV 2	2499	49758	0.14%	0.025%
23	17.110	2383	2388	2395	PV 4	4248	68363	0.19%	0.034%
24	17.621	2465	2475	2482	BV 5	2062	29410	0.08%	0.015%
25	18.526	2618	2629	2660	PV	1840031	34925920	98.48%	17.496%
26	20.107	2887	2898	2903	VV 5	1822	36781	0.10%	0.018%
27	20.506	2953	2966	2977	PV	956863	17659471	49.80%	8.847%
28	21.352	3104	3110	3124	PV 4	6469	101951	0.29%	0.051%
29	22.539	3305	3312	3321	PV 2	12108	218557	0.62%	0.109%
30	22.909	3359	3375	3395	BV 2	1728725	35464158	100.00%	17.766%
31	23.068	3395	3402	3412	VV 2	10501	200626	0.57%	0.101%
32	30.759	4698	4711	4752	PV 2	1188289	25119472	70.83%	12.584%
33	34.320	5309	5317	5330	VV 5	2763	57466	0.16%	0.029%
34	34.655	5363	5374	5410	VV 2	714659	16134305	45.49%	8.083%
35	34.878	5410	5412	5420	VV 6	2711	70364	0.20%	0.035%
36	35.371	5490	5496	5503	VV 6	5077	120766	0.34%	0.060%
37	36.447	5671	5679	5688	VV 5	5286	171942	0.48%	0.086%

38	37.716	5884	5895	5902	VV	7	4868	168766	0.48%	0.085%
39	39.249	6146	6156	6157	PV	3	3178	68953	0.19%	0.035%
40	39.267	6157	6159	6167	VV	4	3098	55759	0.16%	0.028%

Sum of corrected areas: 199619056

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11907.D
Operator : Mclean
Acquired : 23 May 2002 12:25 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 14
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11907.D
Acq On : 23 May 2002 12:25 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

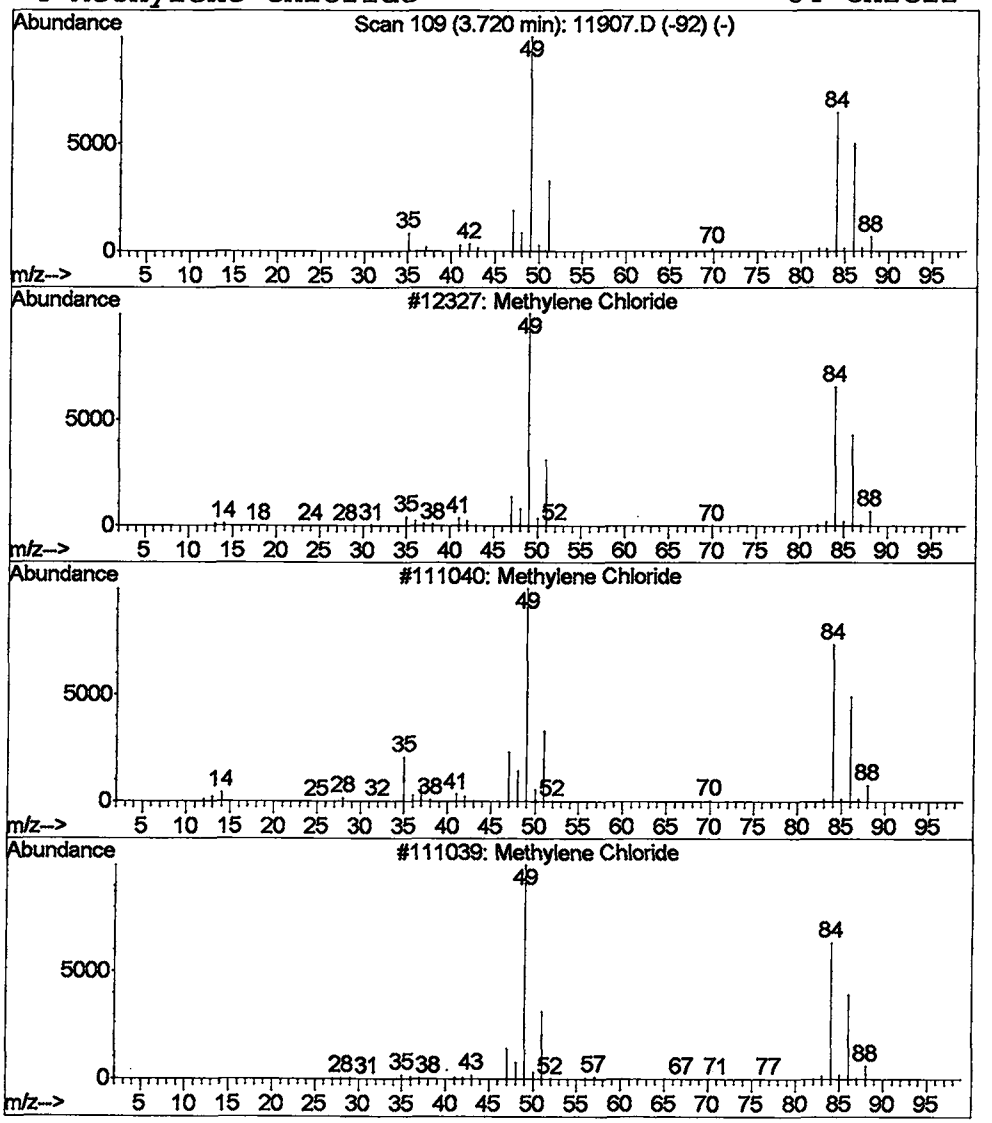
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

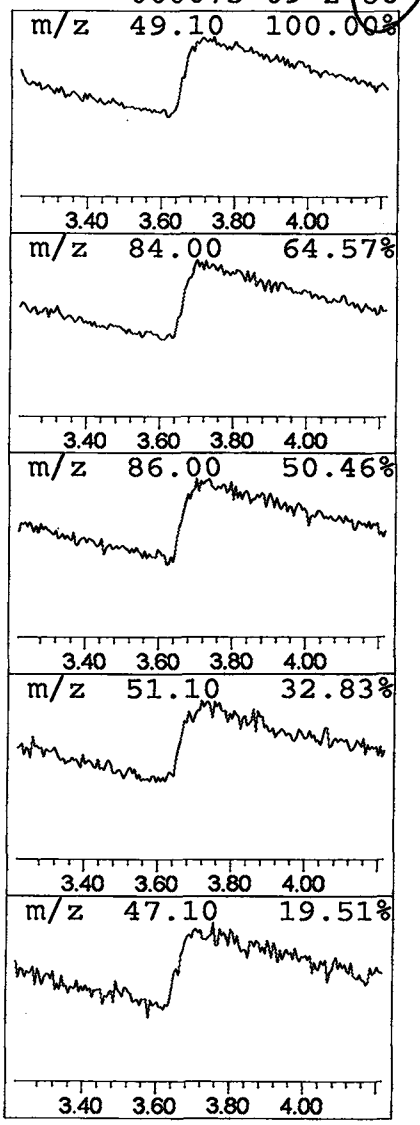
****

Peak Number 1 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	2.22 ug/L	1287070	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11907.D
Acq On : 23 May 2002 12:25 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

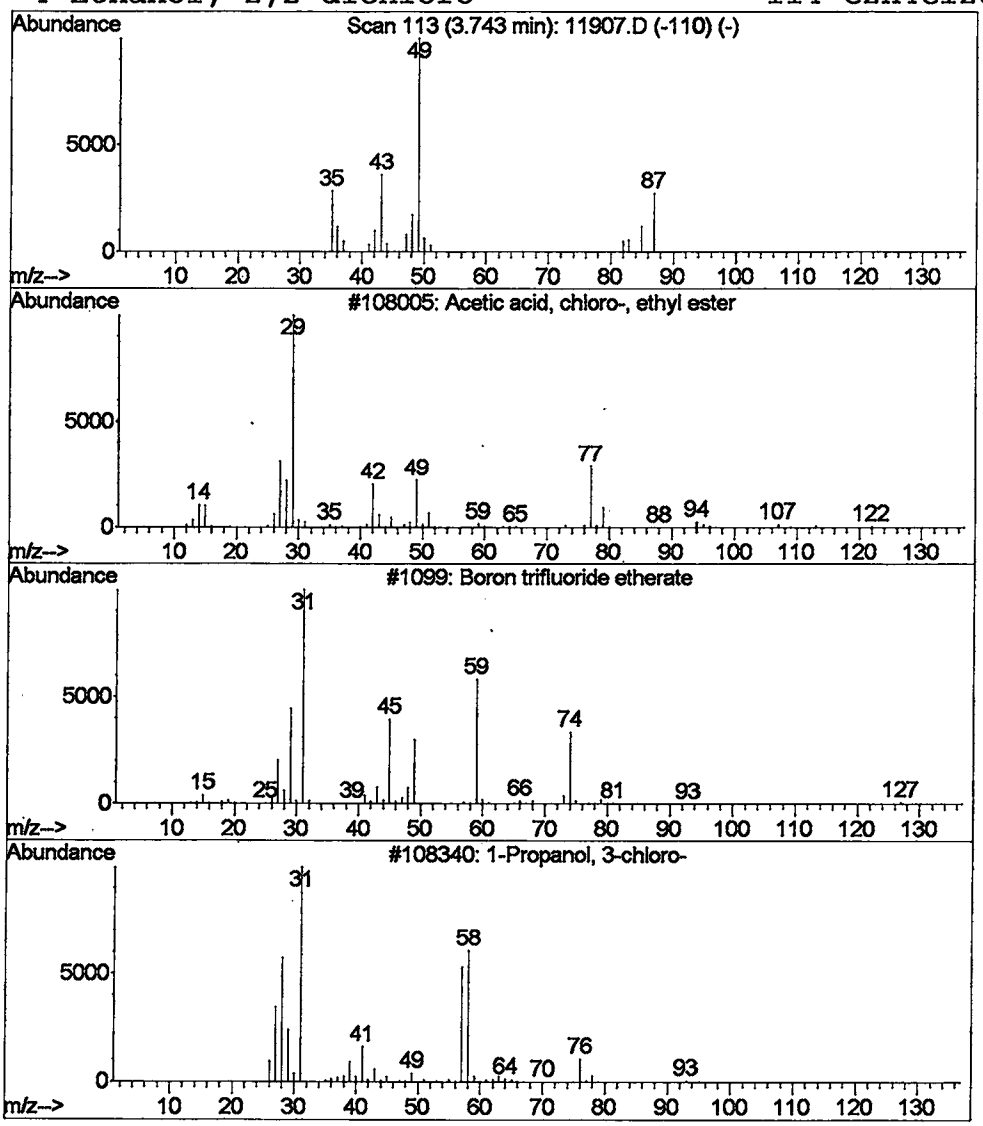
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

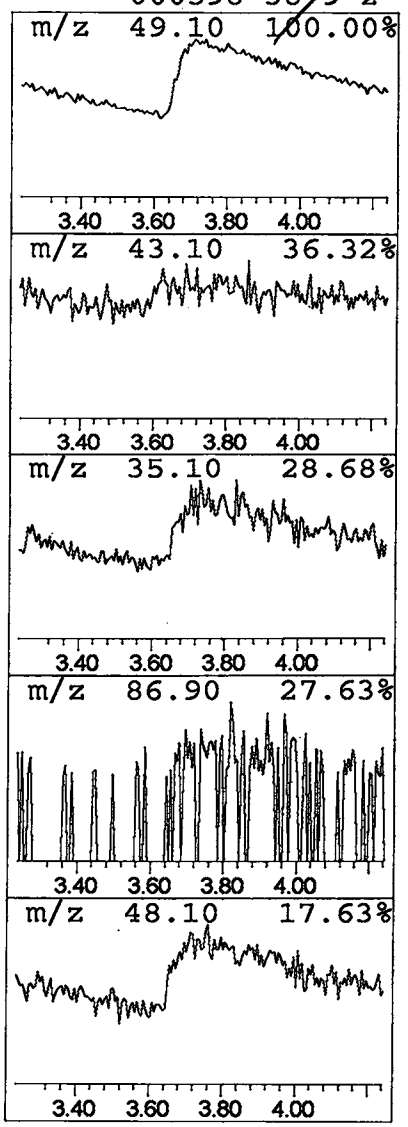
****

Peak Number 2 Acetic acid, chloro-, ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	1.65 ug/L	959239	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	4
2	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	4
3	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	2
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2





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Acq On : 23 May 2002 12:25 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

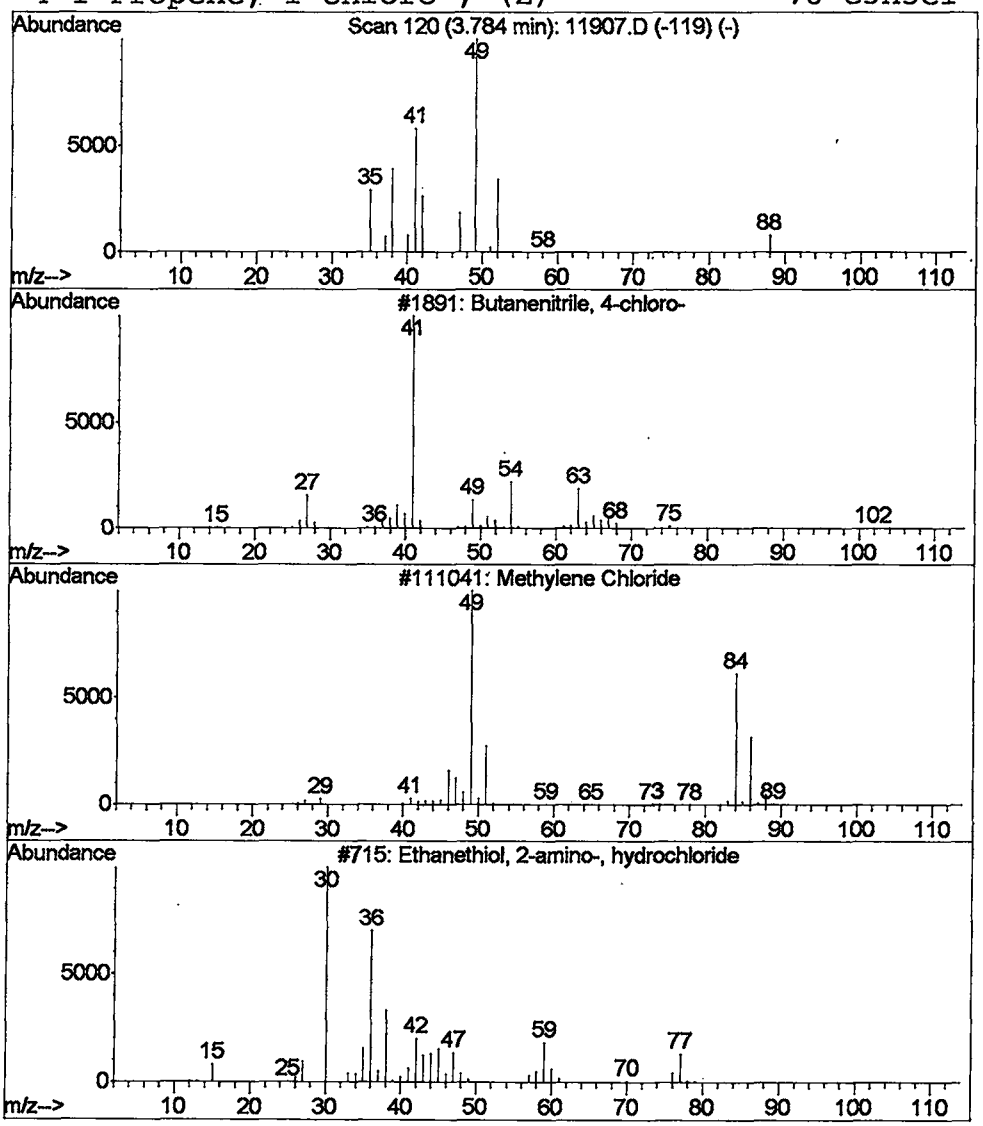
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

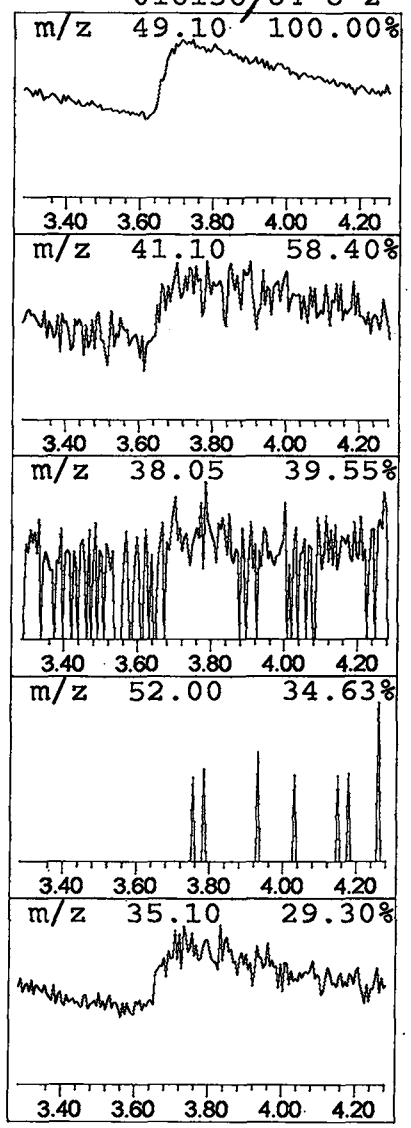
****

Peak Number 3 Butanenitrile, 4-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	2.11 ug/L	1224970	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 4-chloro-	103	C4H6ClN	000628-20-6	4
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Ethanethiol, 2-amino-, hydrochlo...	113	C2H8ClNS	000156-57-0	4
4	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	2





Library Search Compound Report

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Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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Library : C:\DATABASE\NIST98.L

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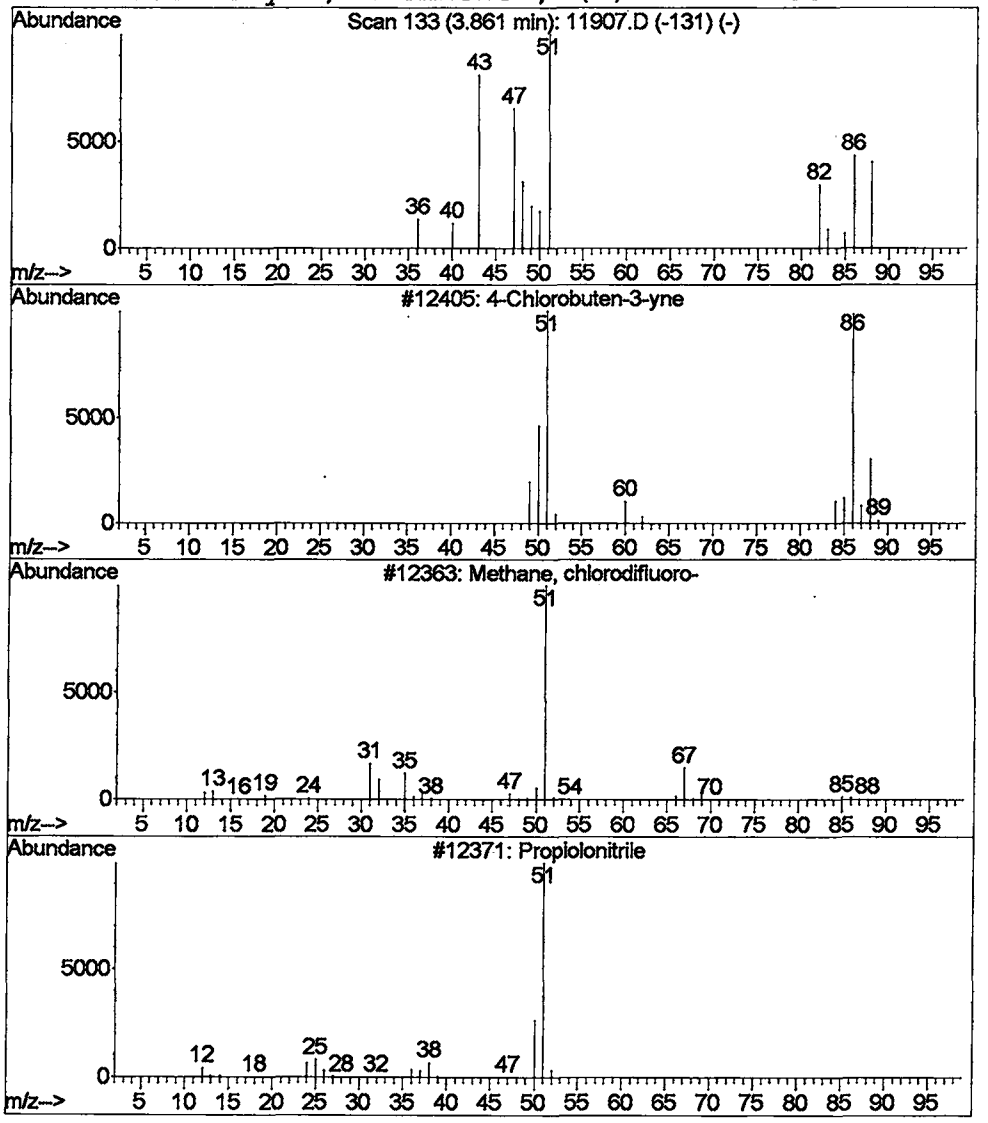
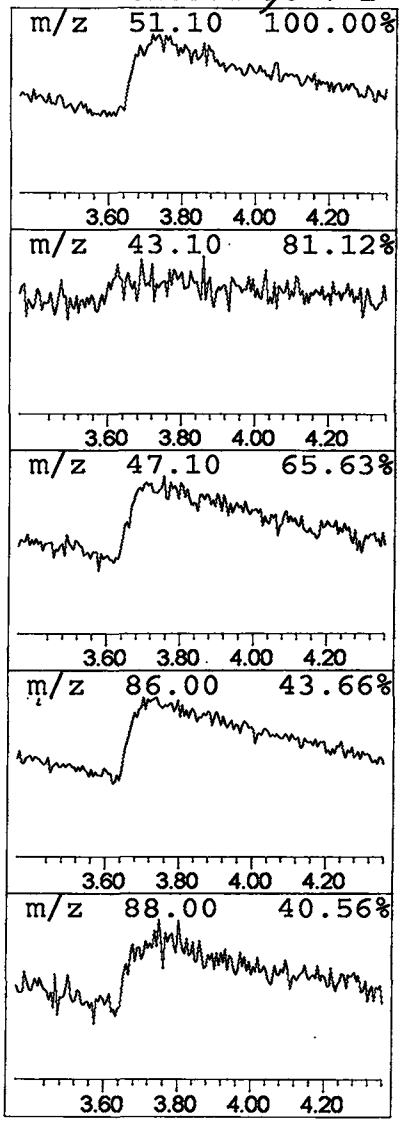
Peak Number 4 4-Chlorobuten-3-yne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	1.36 ug/L	788437	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	9
2	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	4
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	2





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Acq On : 23 May 2002 12:25 am
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Misc :
MS Integration Params: LSCINT.e

Vial: 14
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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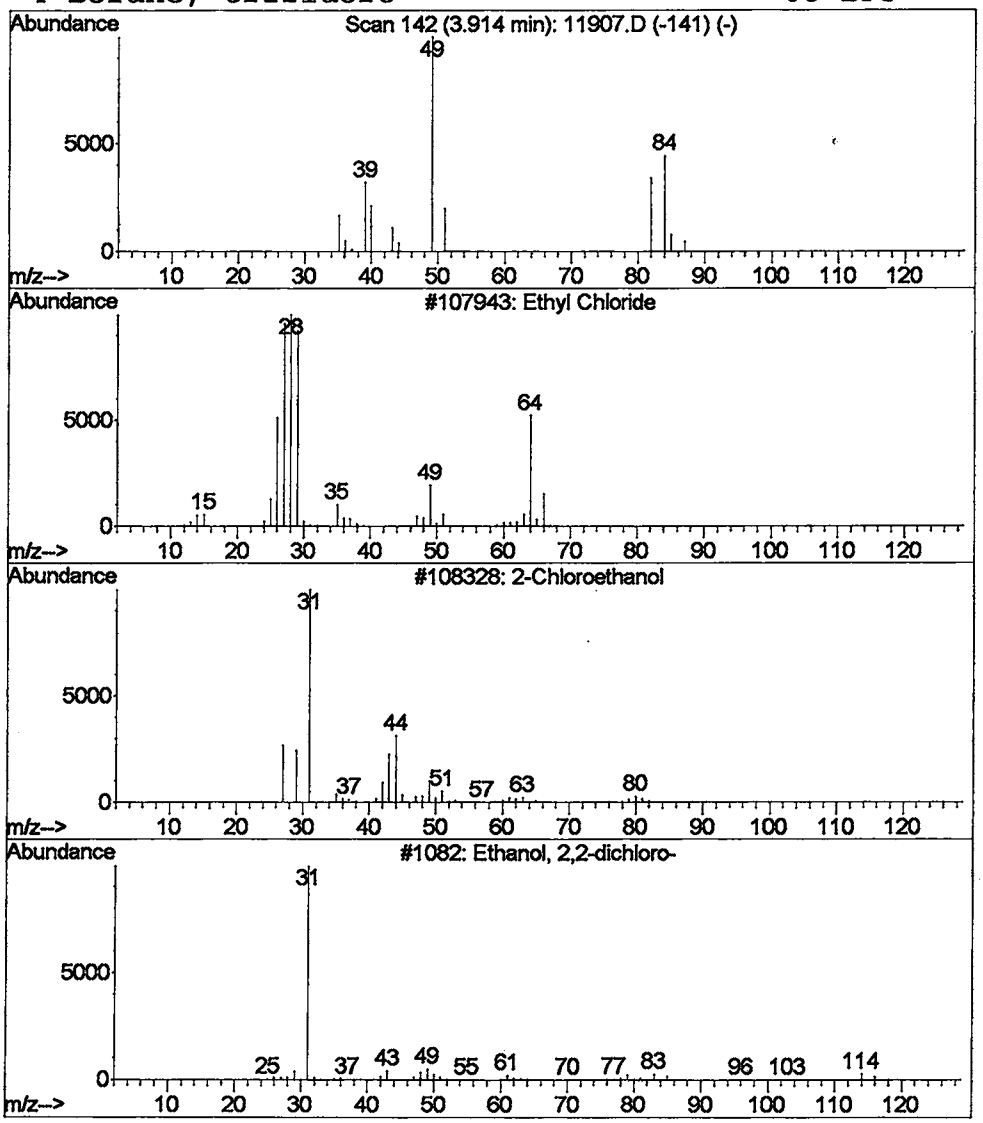
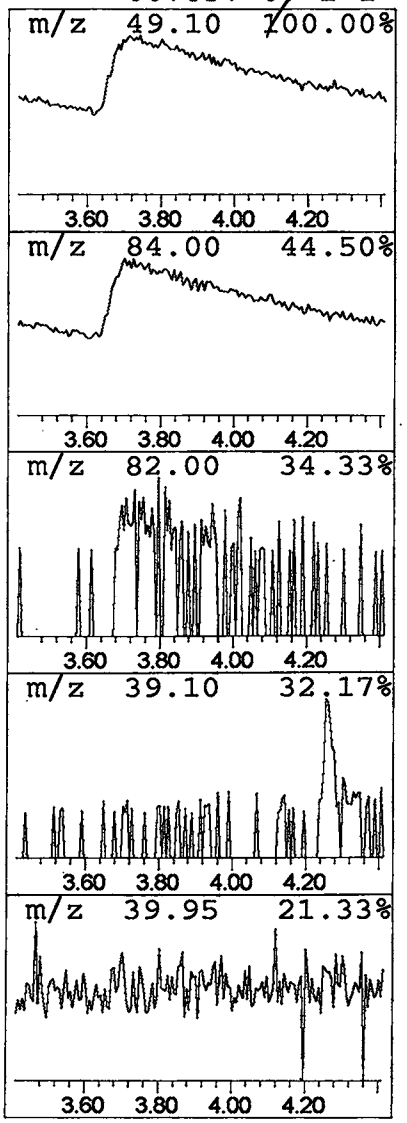
Peak Number 5 Ethyl Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	0.41 ug/L	239822	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





Library Search Compound Report

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Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad 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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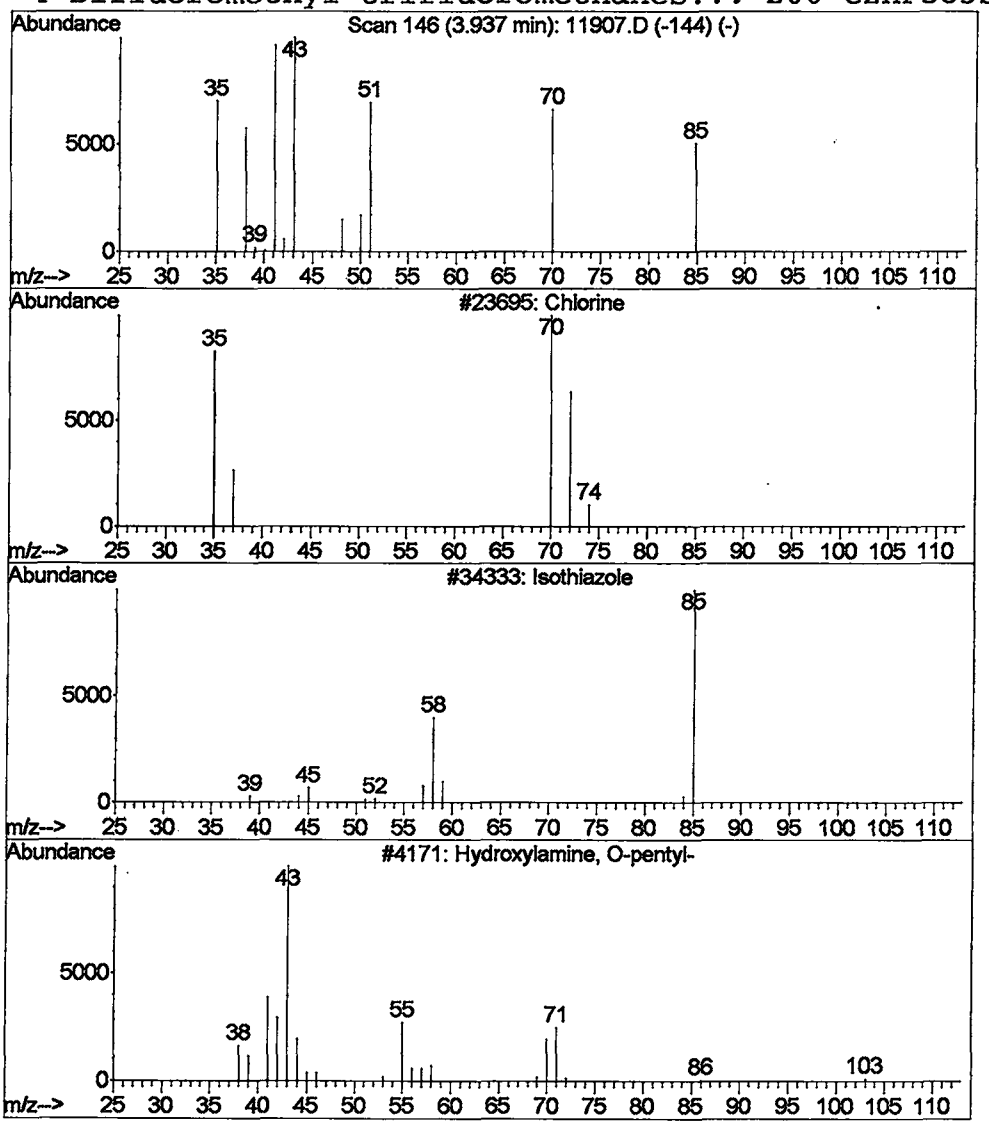
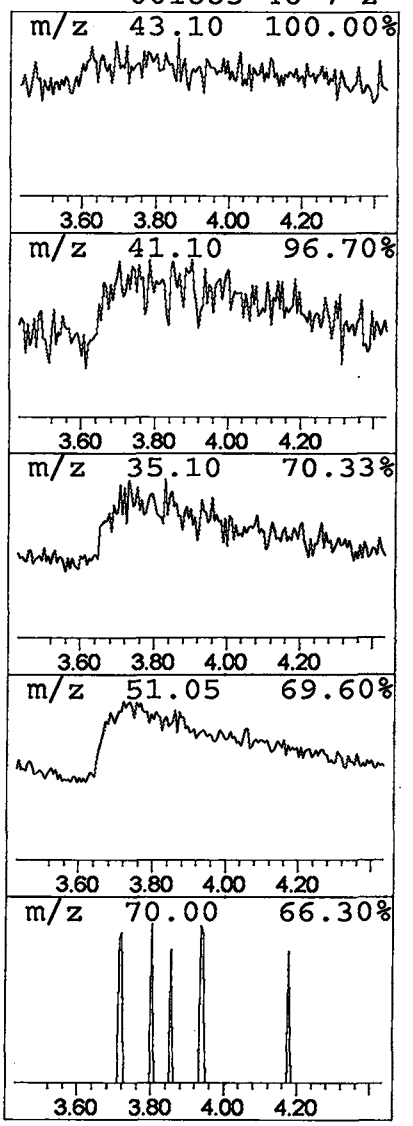
Peak Number 6 Chlorine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.90 ug/L	524056	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlorine	70	Cl2	1000245-87-1	7
2	Isothiazole	85	C3H3NS	000288-16-4	3
3	Hydroxylamine, O-pentyl-	103	C5H13NO	005963-74-6	2
4	Difluoromethyl trifluoromethanes...	200	C2HF5O3S	001885-46-7	2





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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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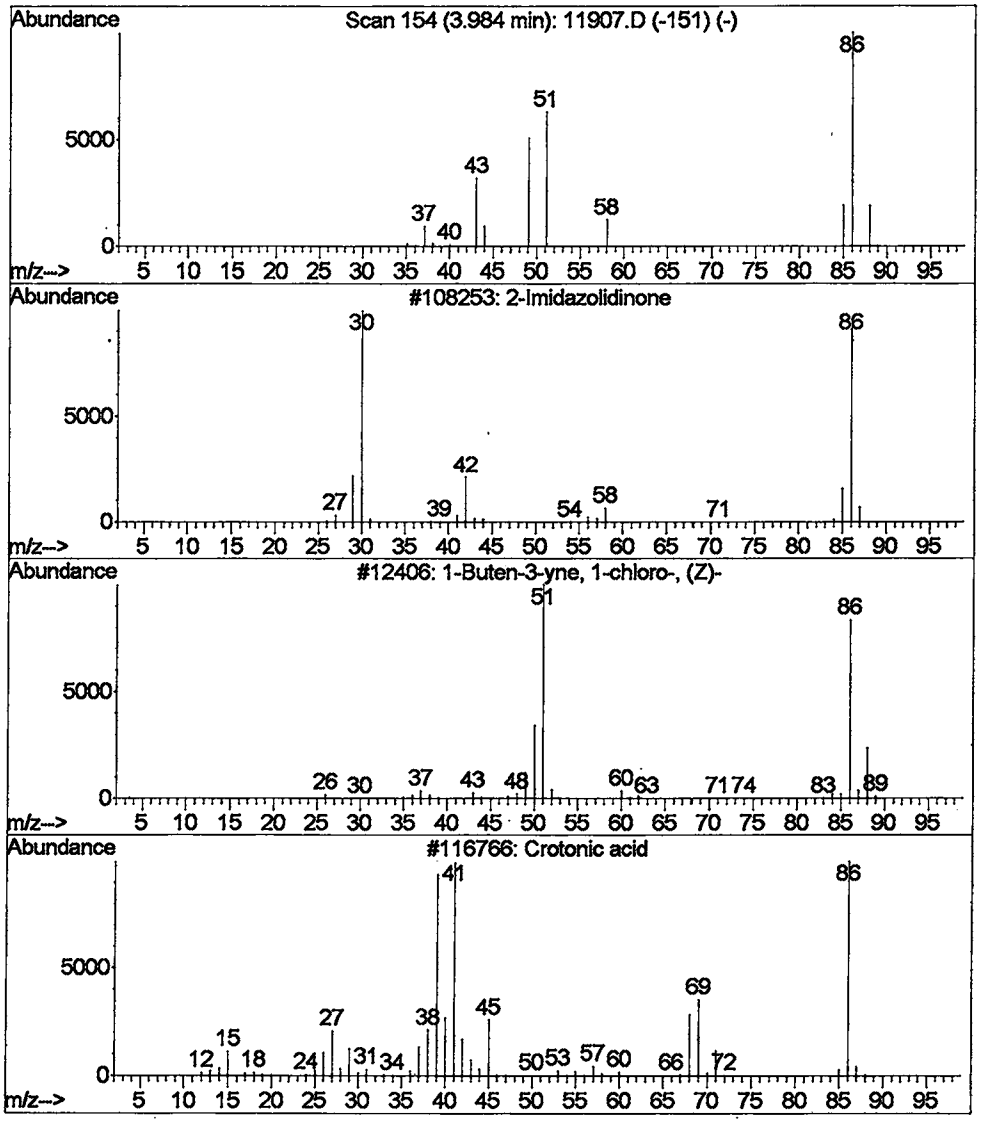
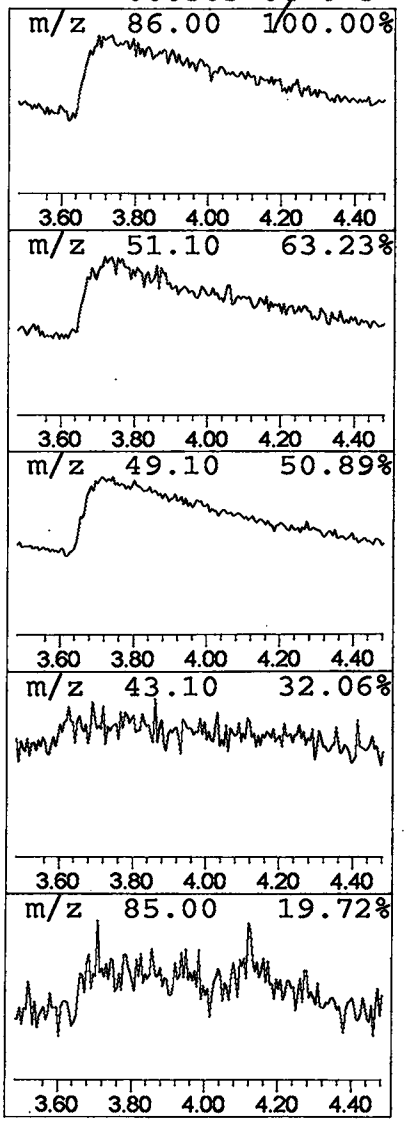
Peak Number 7 2-Imidazolidinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	0.82 ug/L	477760	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
3	Crotonic acid	86	C4H6O2	003724-65-0	5
4	Isocrotonic acid	86	C4H6O2	000503-64-0	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11907.D
Acq On : 23 May 2002 12:25 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 14
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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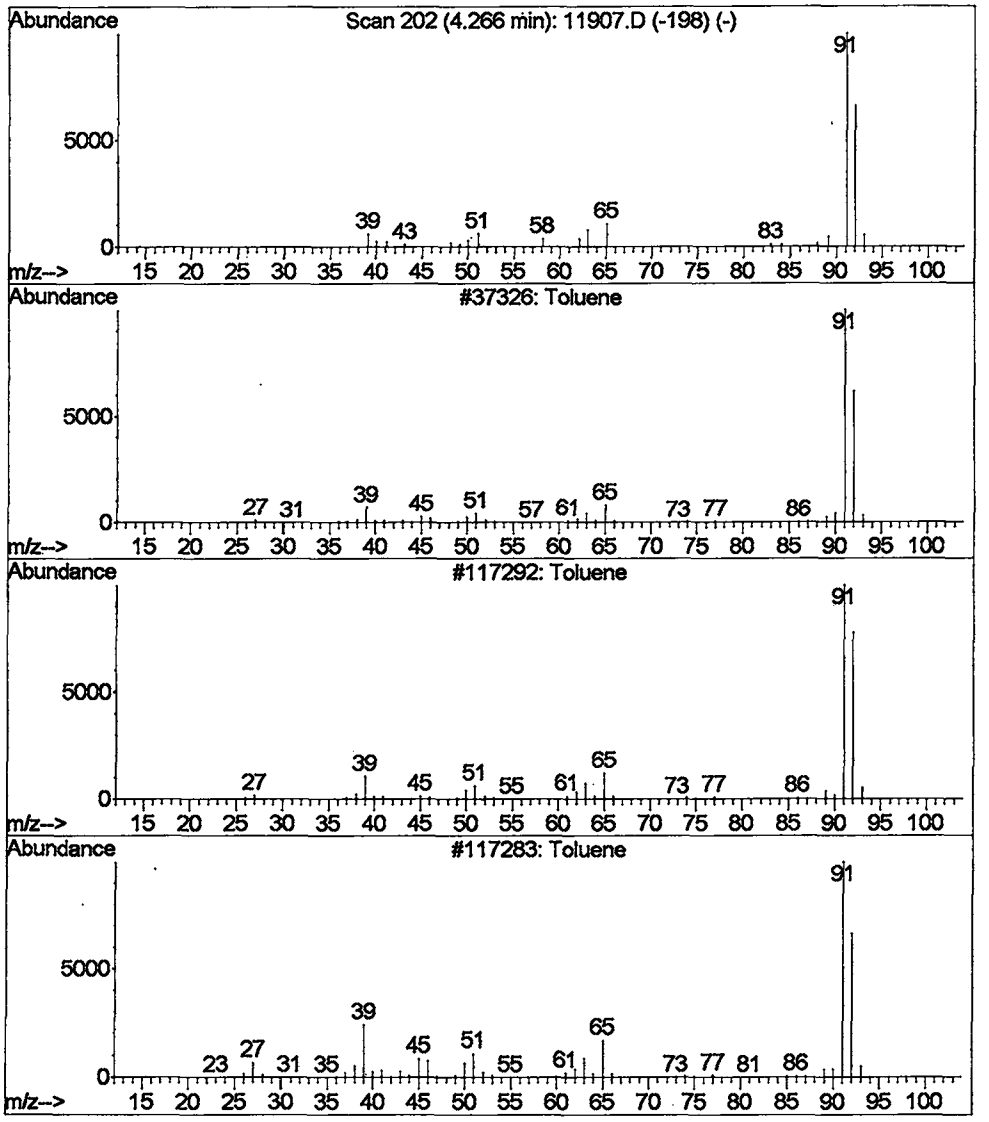
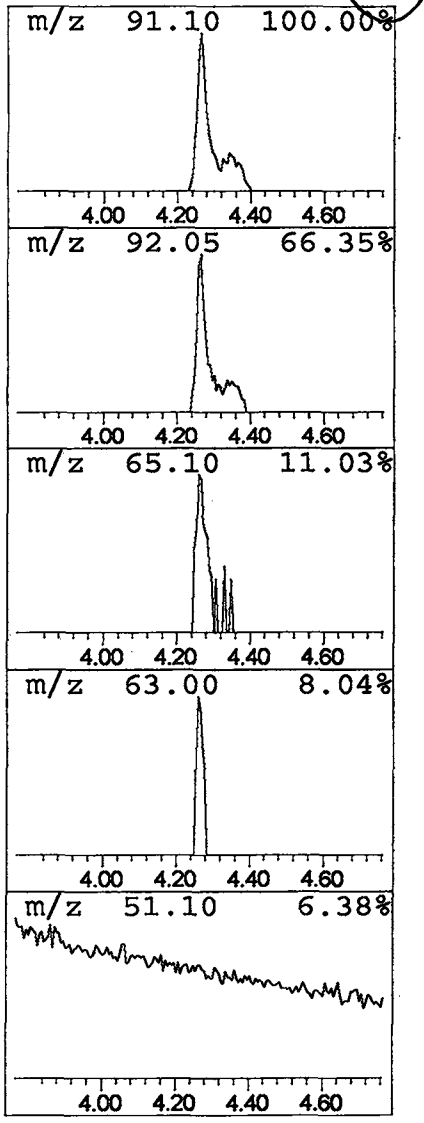
Peak Number 8 Toluene — Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	0.49 ug/L	283402	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	86
2	Toluene	92	C7H8	000108-88-3	86
3	Toluene	92	C7H8	000108-88-3	86
4	Toluene	92	C7H8	000108-88-3	86





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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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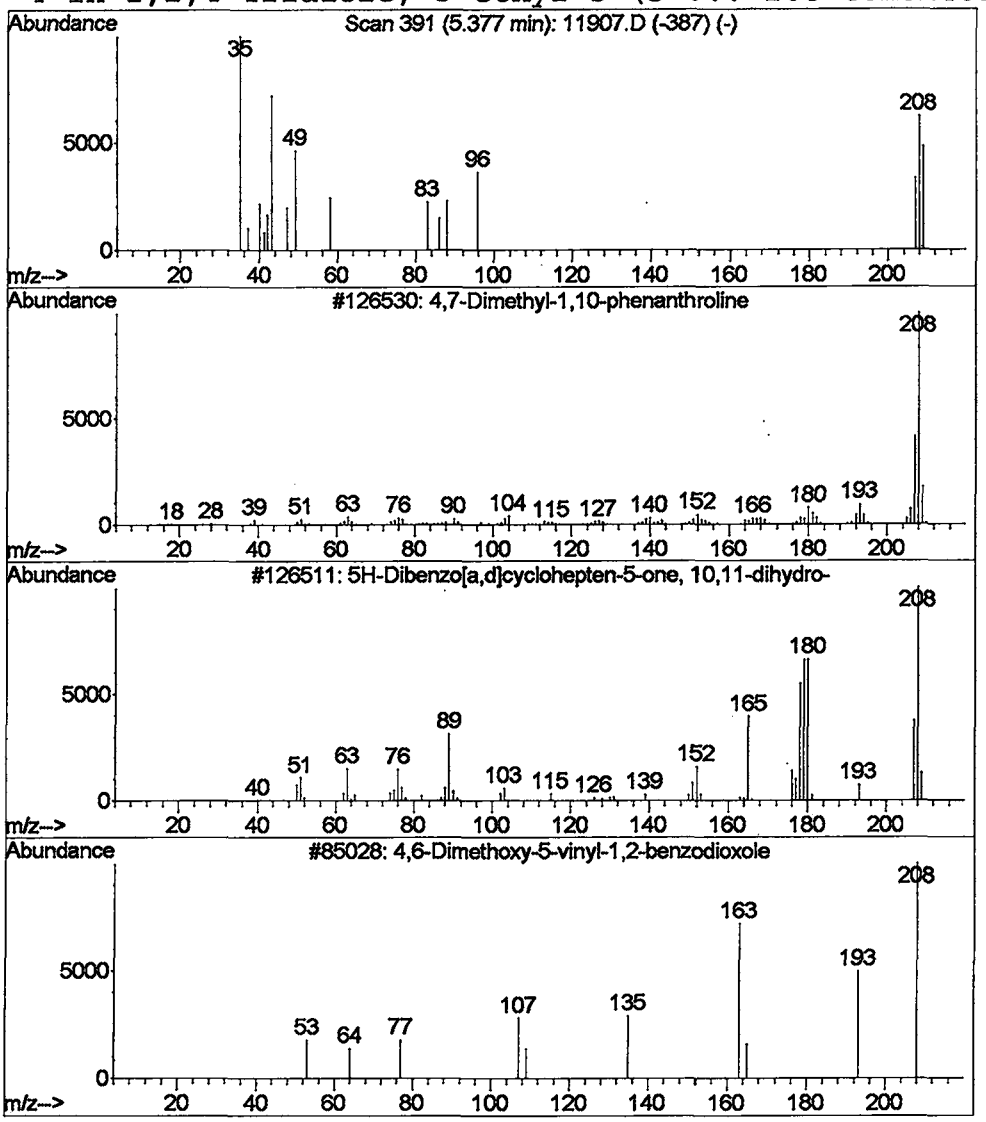
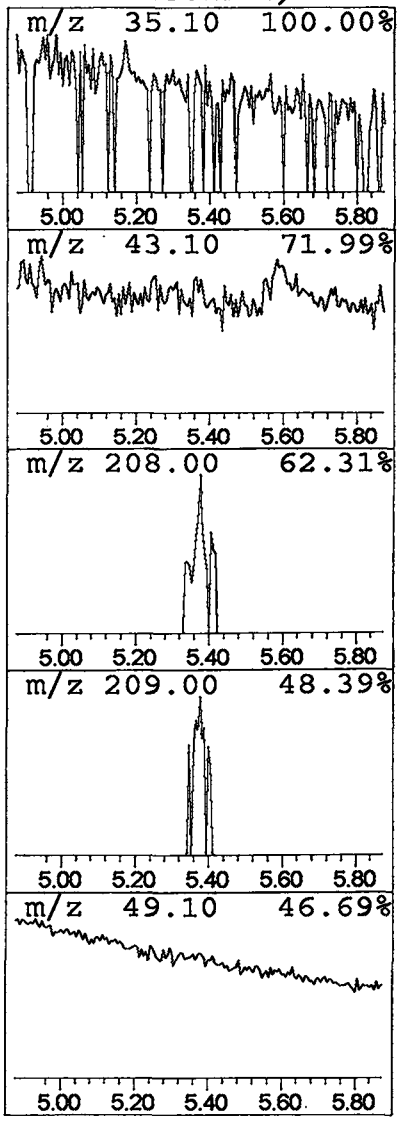
Peak Number 9 4,7-Dimethyl-1,10-phenanthr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	0.22 ug/L	128472	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	5
2	5H-Dibenzo[a,d]cyclohepten-5-one...	208	C15H12O	001210-35-1	5
3	4,6-Dimethoxy-5-vinyl-1,2-benzod...	208	C11H12O4	079553-88-1	3
4	1H-1,2,4-Triazole, 3-ethyl-5-(5-...	208	C8H8N4O3	005019-57-8	3





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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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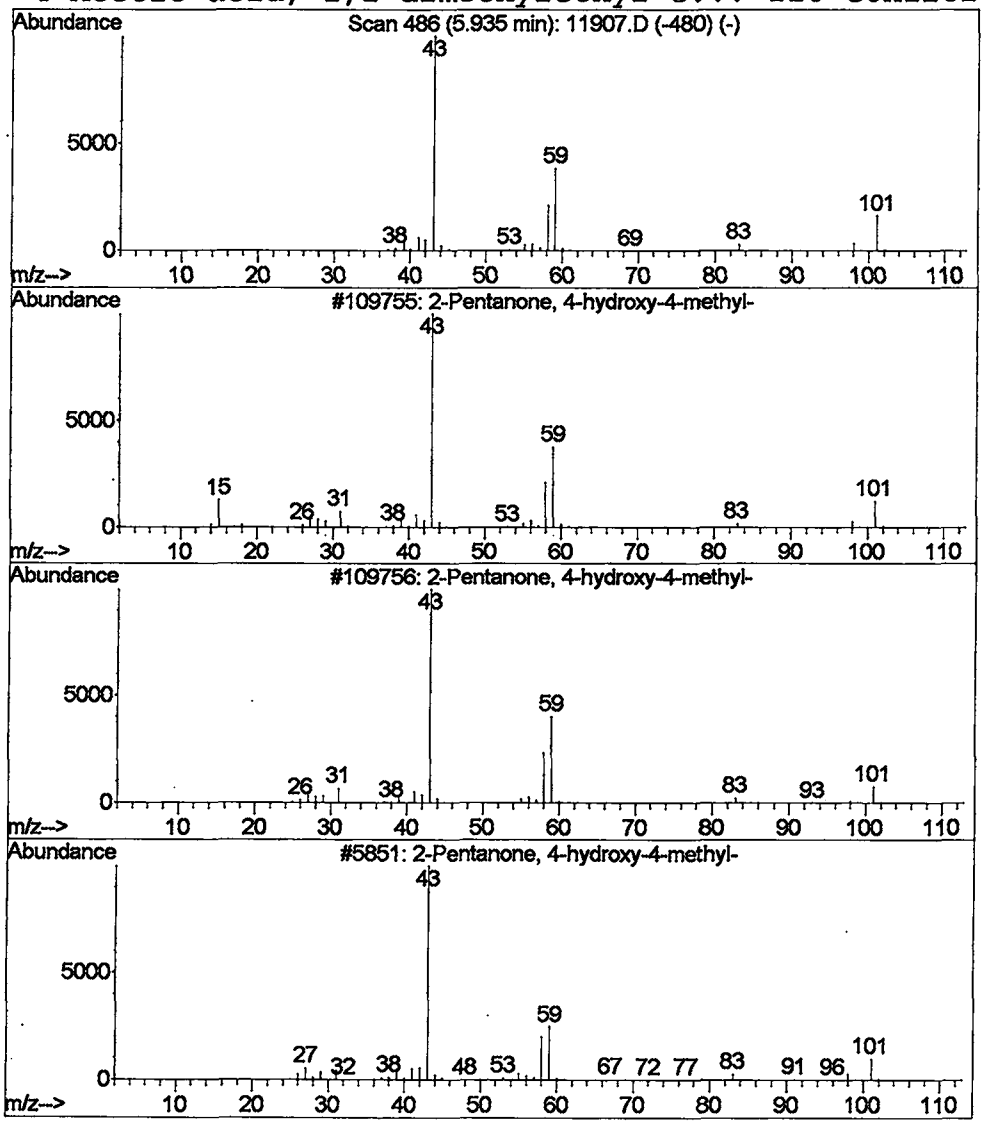
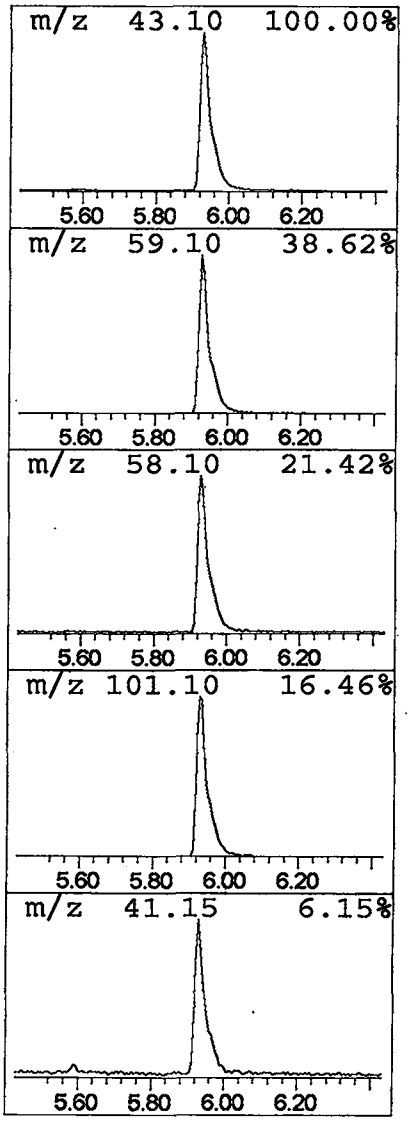
Peak Number 10 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	11.95 ug/L	6937990	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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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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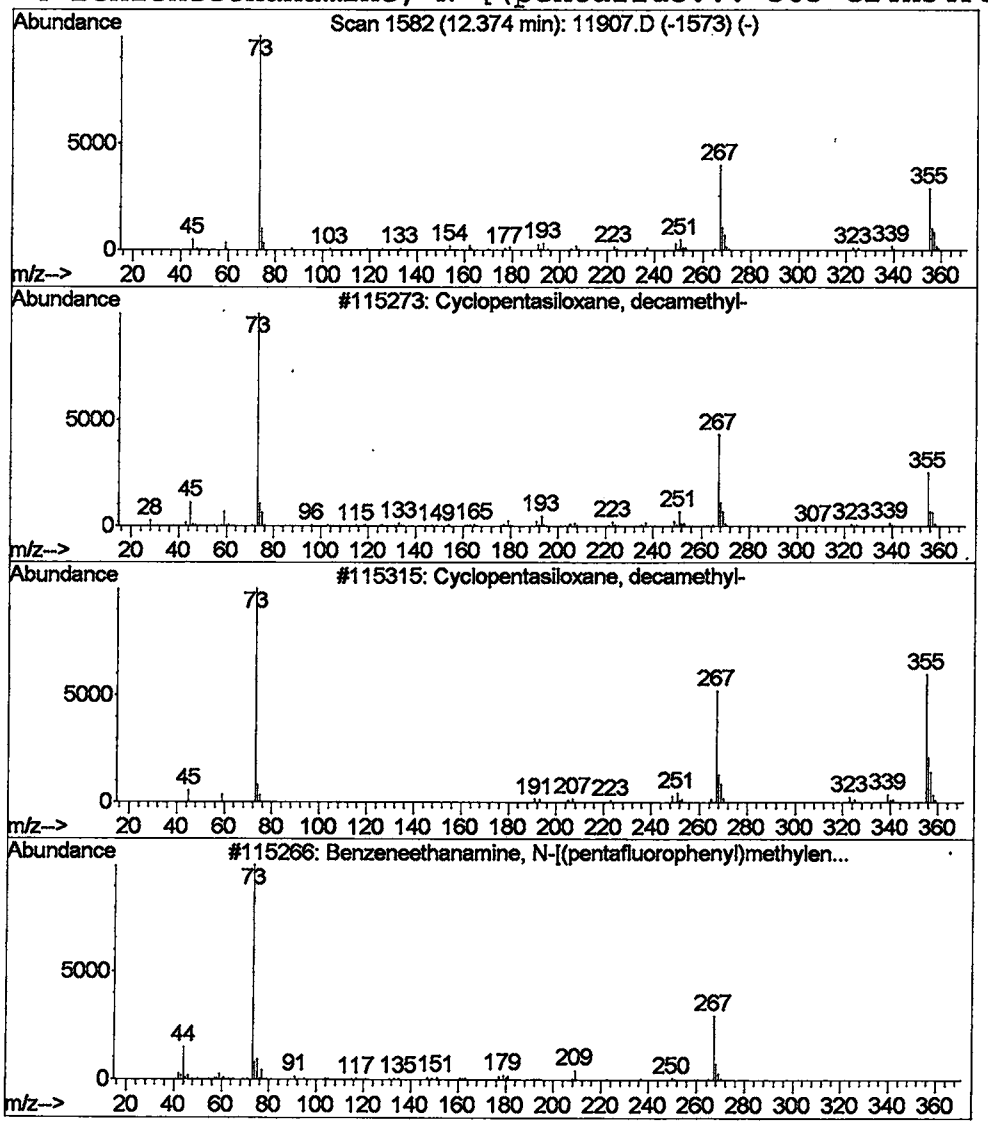
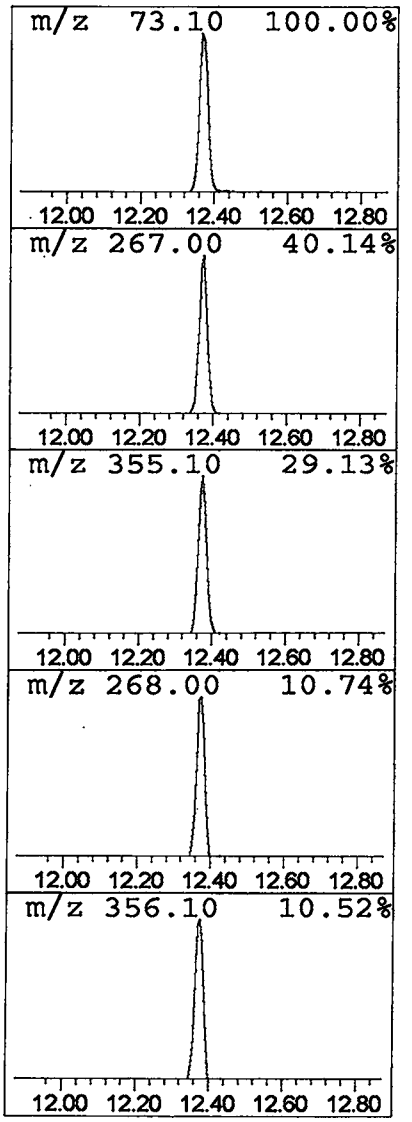
Peak Number 11 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	1.36 ug/L	1063780	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	38
4	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	35





Library Search Compound Report

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Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad 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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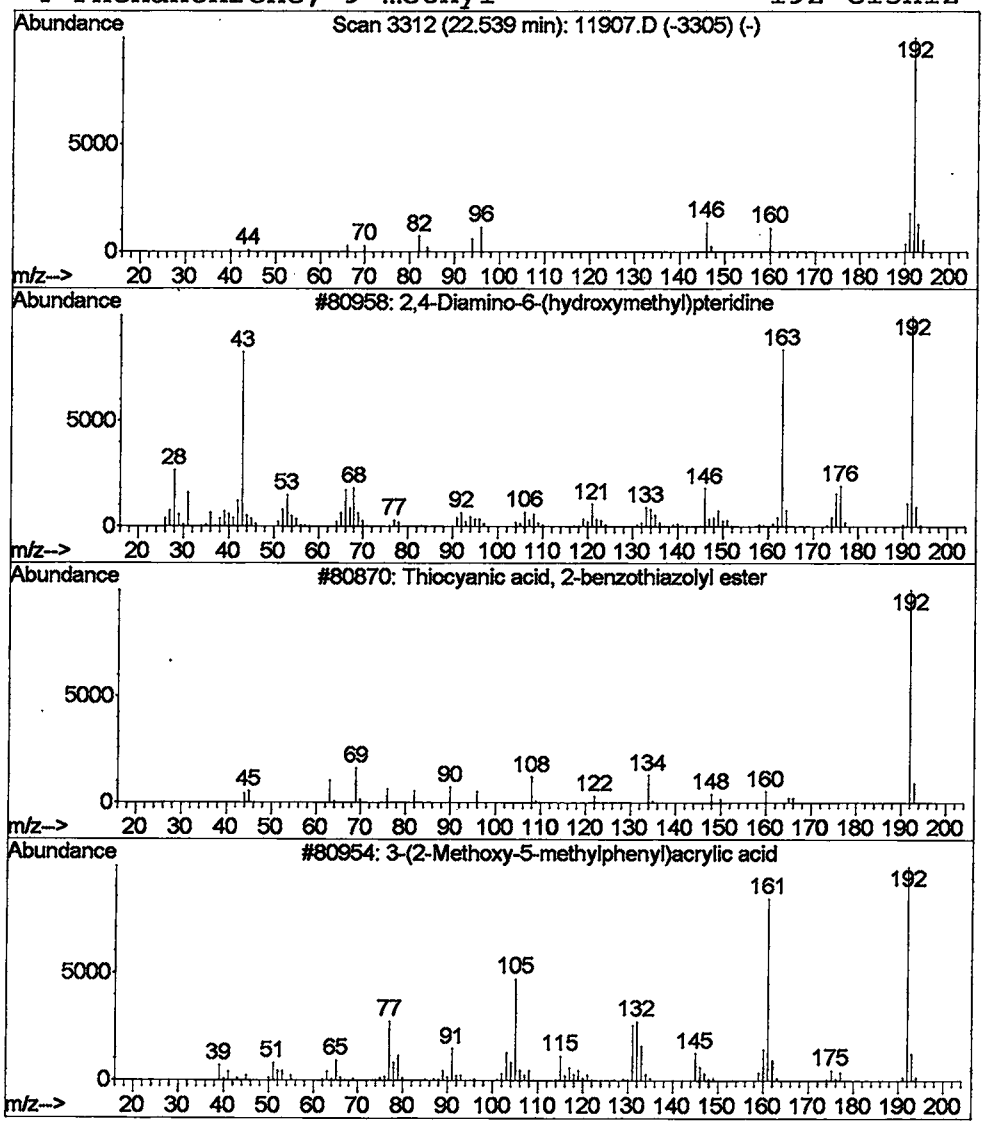
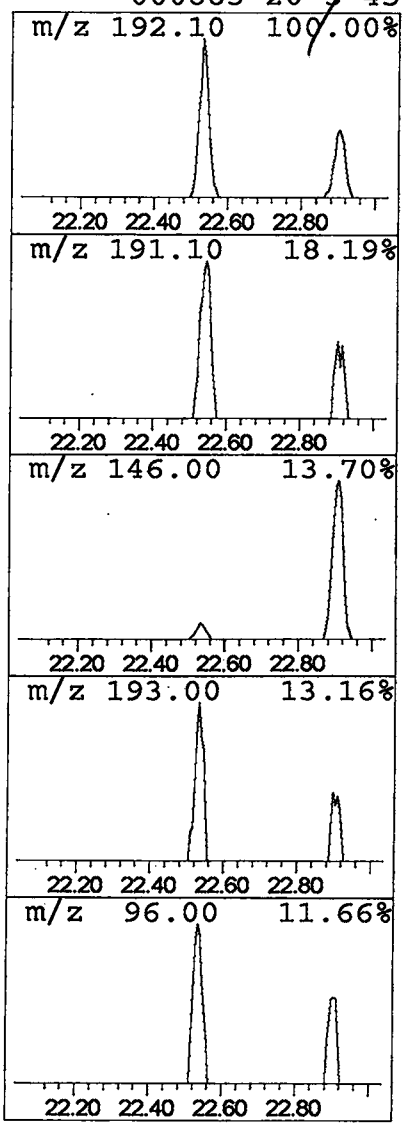
Peak Number 12 2,4-Diamino-6-(hydroxymethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.25 ug/L	218557	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	59
3	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	45
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	45





Library Search Compound Report

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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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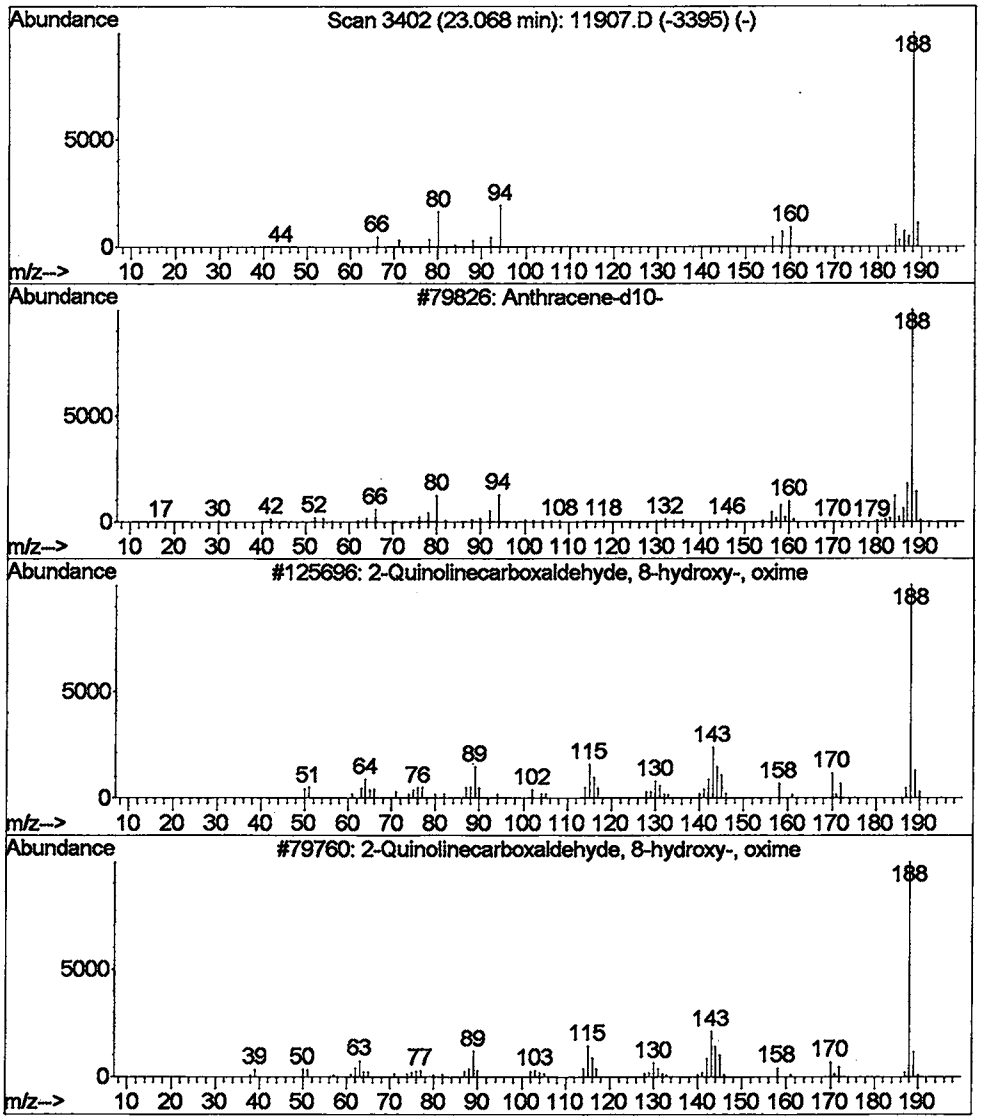
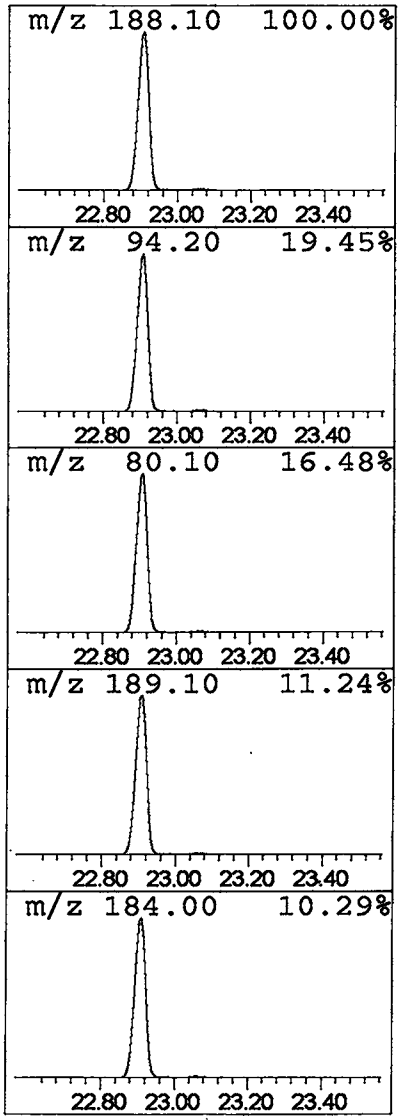
Peak Number 13 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.23 ug/L	200626	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38
4	Phenanthrene-d10	188	C14D10	001517-22-2	38





Library Search Compound Report

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Sample : 5/21 ad 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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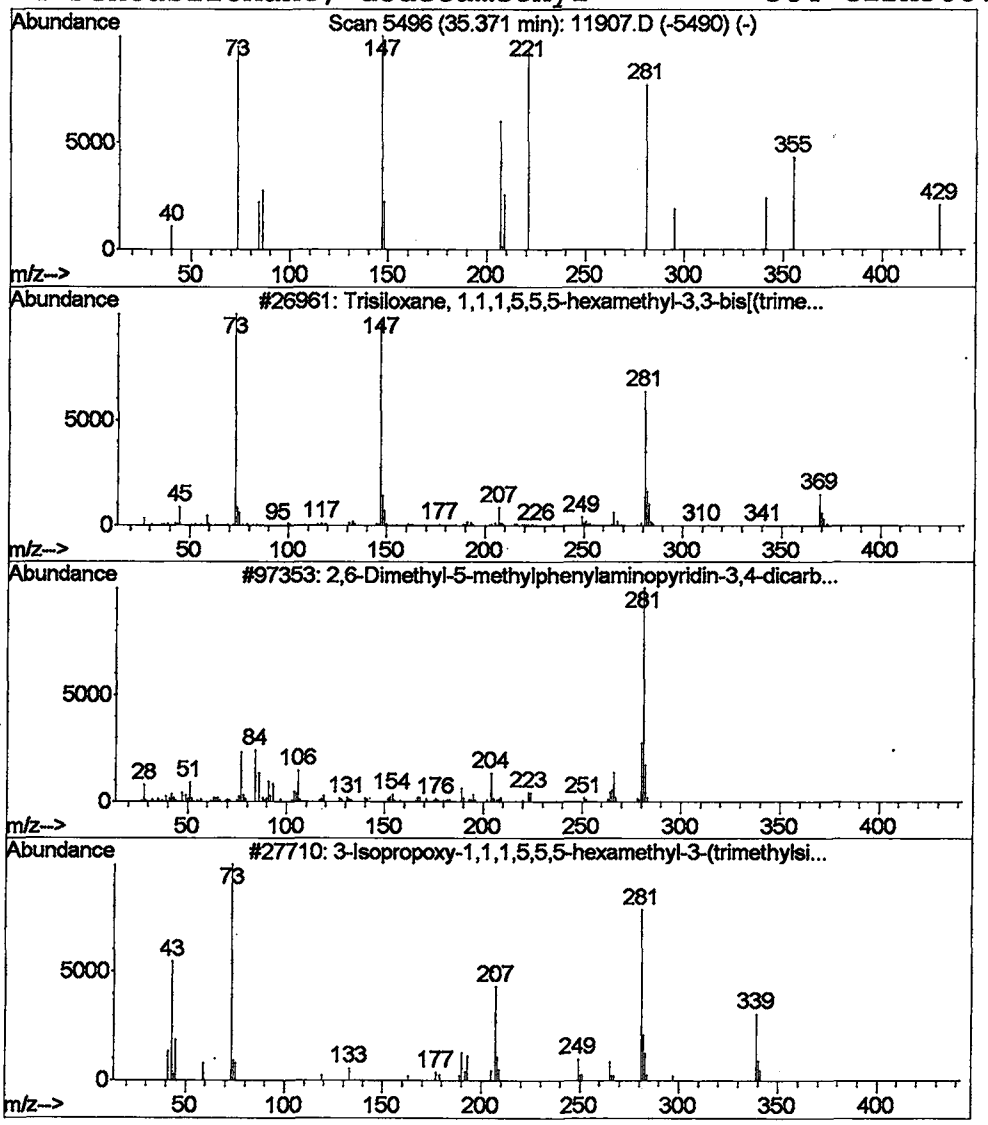
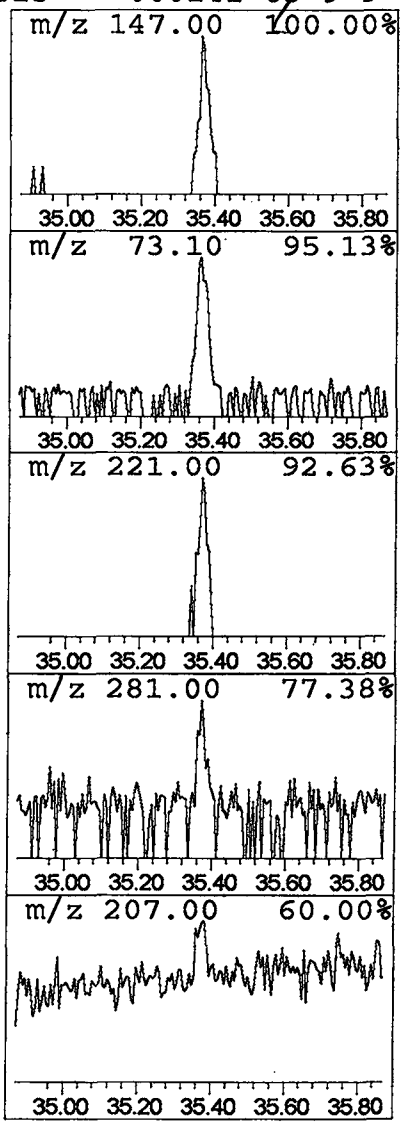
Peak Number 14 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.37	0.30 ug/L	120766	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	12
2	2,6-Dimethyl-5-methylphenylamino...	281	C16H15N3O2	1000222-06-1	9
3	3-Isopropoxy-1,1,1,5,5,5-hexamet...	354	C12H34O4Si4	072182-11-7	9
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	9





Library Search Compound Report

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Acq On : 23 May 2002 12:25 am Operator: Mclean
Sample : 5/21 ad 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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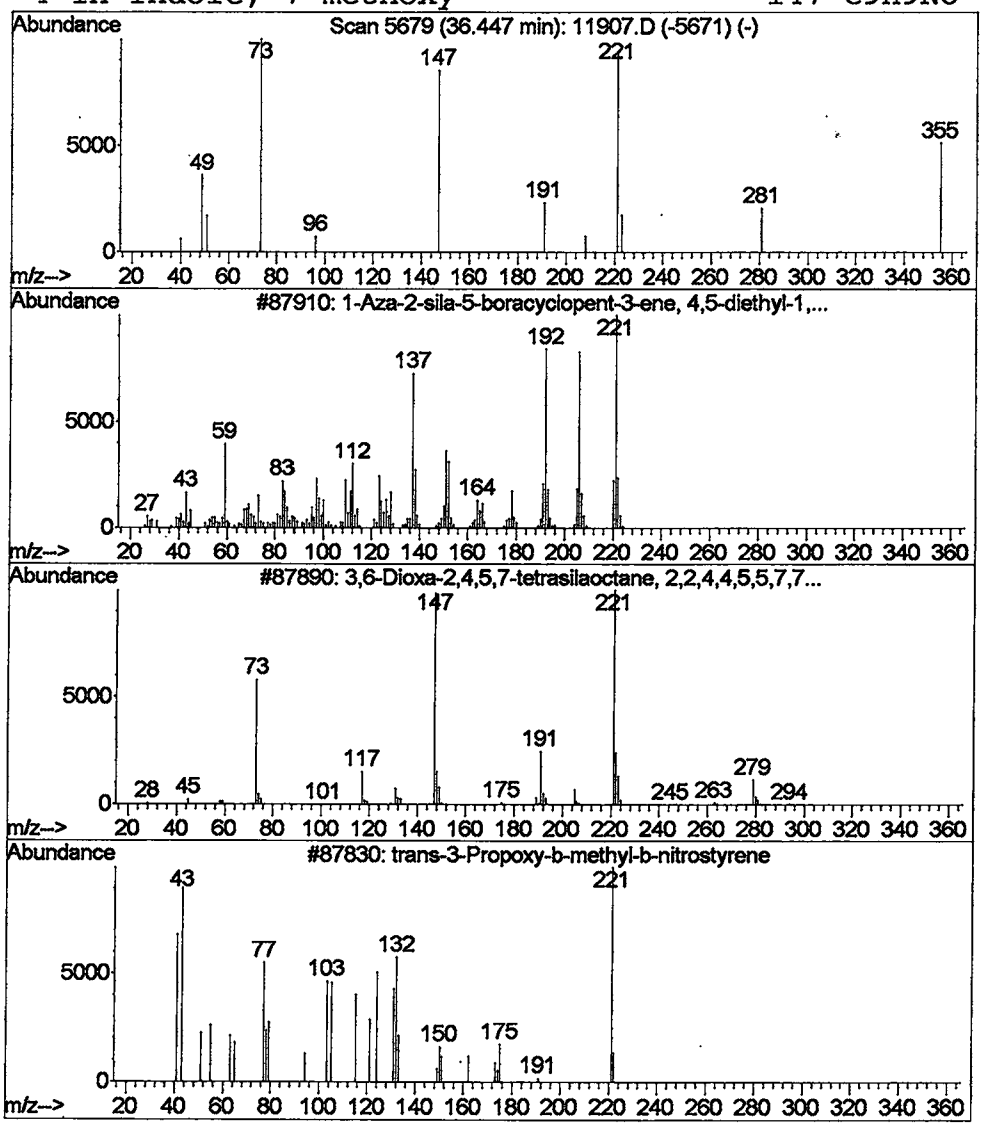
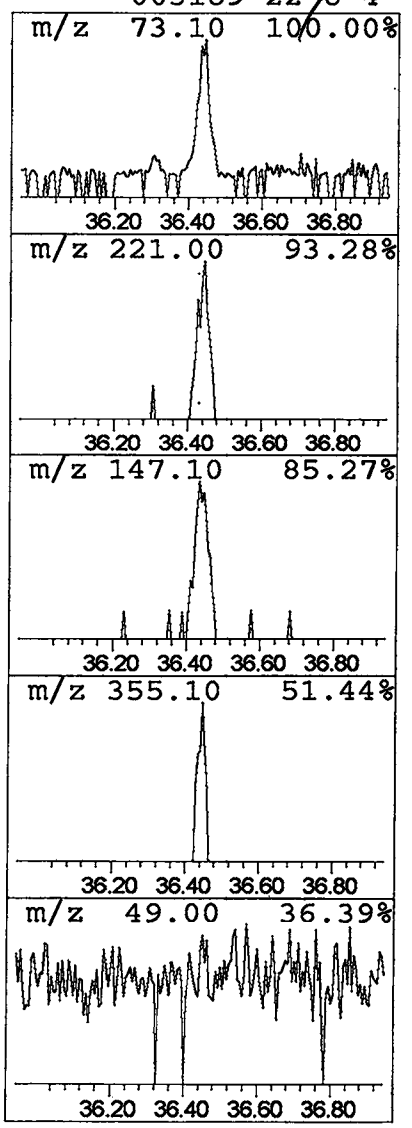
Peak Number 15 1-Aza-2-sila-5-boracyclopen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.43 ug/L	171942	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aza-2-sila-5-boracyclopent-3-e...	221	C12H24BNSi	081620-70-4	9
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	9
3	trans-3-Propoxy-b-methyl-b-nitro...	221	C12H15NO3	134040-24-7	4
4	1H-Indole, 7-methoxy-	147	C9H9NO	003189-22-8	4





Library Search Compound Report

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Sample : 5/21 ad 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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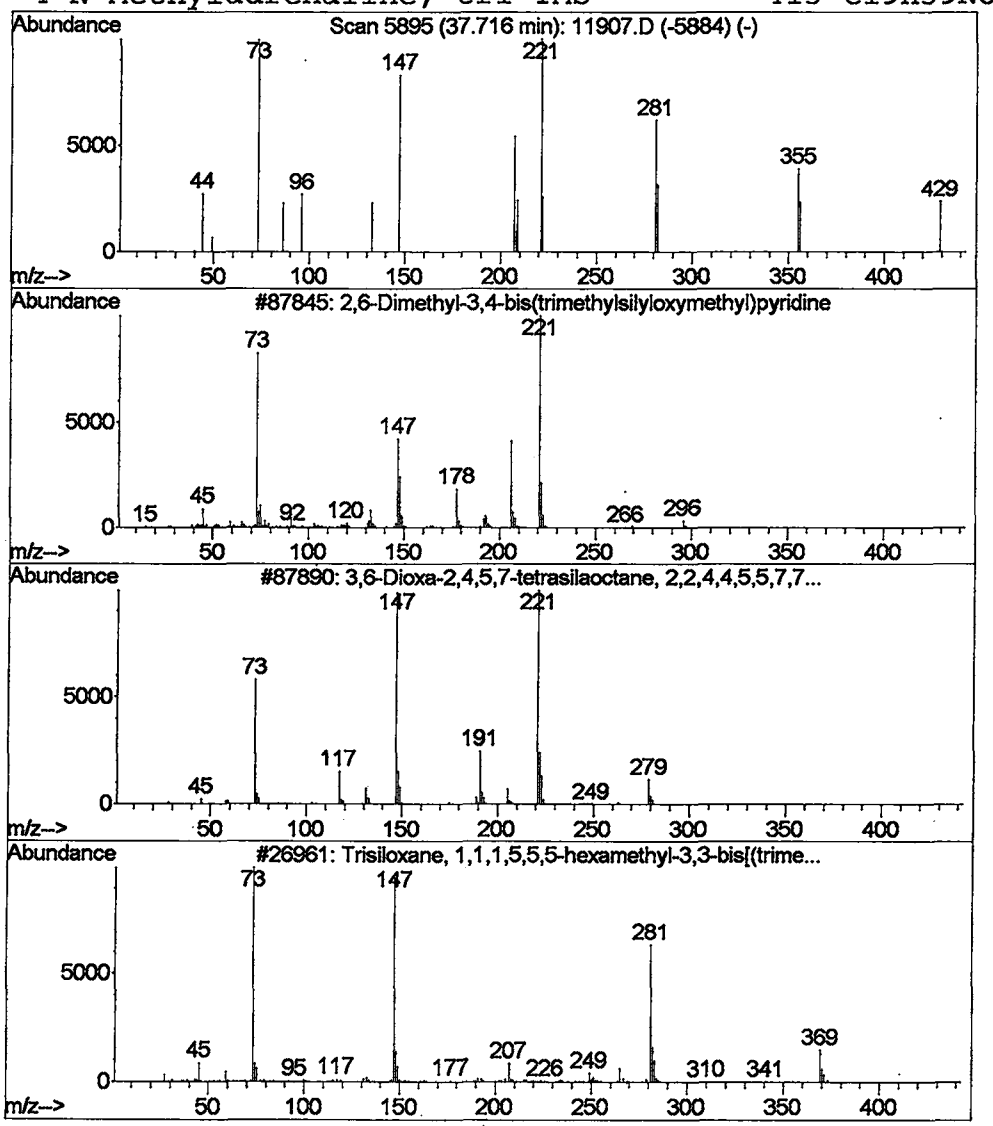
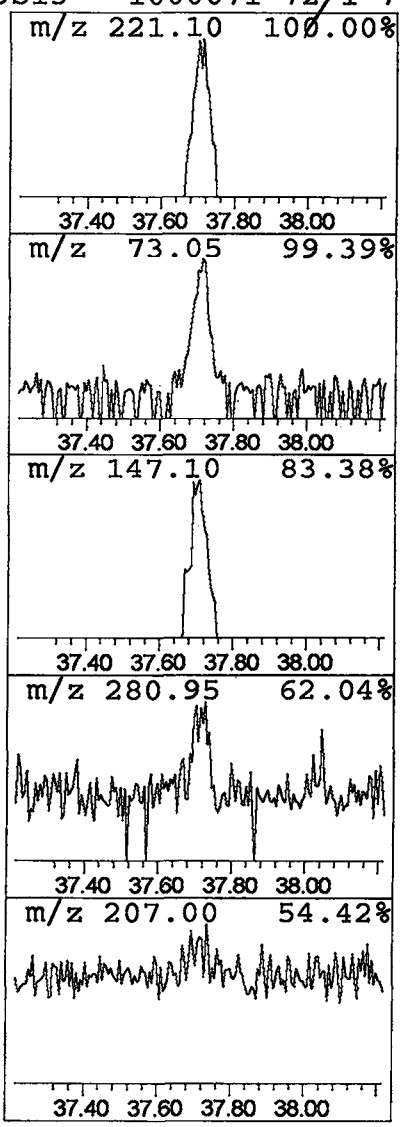
Peak Number 16 2,6-Dimethyl-3,4-bis(trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.72	0.42 ug/L	168766	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	10
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	9
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	7





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 23 May 2002 12:25 am
Data File: C:\MSDCHEM\1\DATA\052202\11907.D
Name: 5/21 ad
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--- #	RT	Resp	Conc
Methylene Chloride	3.72	2.2	ug/L	1287070	1	9.90	23225900	40.0
Acetic acid, chlo...	3.74	1.7	ug/L	959239	1	9.90	23225900	40.0
Butanenitrile, 4-...	3.78	2.1	ug/L	1224970	1	9.90	23225900	40.0
4-Chlorobuten-3-yne	3.86	1.4	ug/L	788437	1	9.90	23225900	40.0
Ethyl Chloride	3.91	0.4	ug/L	239822	1	9.90	23225900	40.0
Chlorine	3.93	0.9	ug/L	524056	1	9.90	23225900	40.0
2-Imidazolidinone	3.98	0.8	ug/L	477760	1	9.90	23225900	40.0
Toluene	4.27	0.5	ug/L	283402	1	9.90	23225900	40.0
4,7-Dimethyl-1,10...	5.38	0.2	ug/L	128472	1	9.90	23225900	40.0
2-Pentanone, 4-hy...	5.93	11.9	ug/L	6937990	1	9.90	23225900	40.0
Cyclopentasiloxan...	12.37	1.4	ug/L	1063780	2	13.39	31357900	40.0
2,4-Diamino-6-(hy...	22.54	0.2	ug/L	218557	4	22.91	35464200	40.0
Anthracene-d10-	23.07	0.2	ug/L	200626	4	22.91	35464200	40.0
Trisiloxane, 1,1,...	35.37	0.3	ug/L	120766	6	34.66	16134300	40.0
1-Aza-2-sila-5-bo...	36.45	0.4	ug/L	171942	6	34.66	16134300	40.0
2,6-Dimethyl-3,4-...	37.72	0.4	ug/L	168766	6	34.66	16134300	40.0