User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:26:05

Sample: AE11905
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:25 Ended: 6/6/02 14:25 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE11905 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 14:26:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard is low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 05 12:08:30 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 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	4503228	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	17939960	40.00	ug/L	0.00
17) Acenapthalene-d10	18.52	164	9844970	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	14857916	40.00	ug/L	0.00
37) Chrysene-d12	30.75	240	8420340	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	4220819	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2101128	29.14	ug/L	0.00
Spiked Amount 40.000			Recovery =	72.85%		
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.48	74	19910	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	34876	N.D.		
30) Nnitrosodiphenylamine	20.50	169	39754	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	25.04	149	40968	Below Cal #		79

(#) = qualifier out of range (m) = manual integration
11905.D 060302.M Wed Jun 05 14:03:16 2002 Page 1

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MS Integration Params: EVENTS.E
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Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration
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	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	30.75	228	20357	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.	

Quantitation Report (QT Reviewed)

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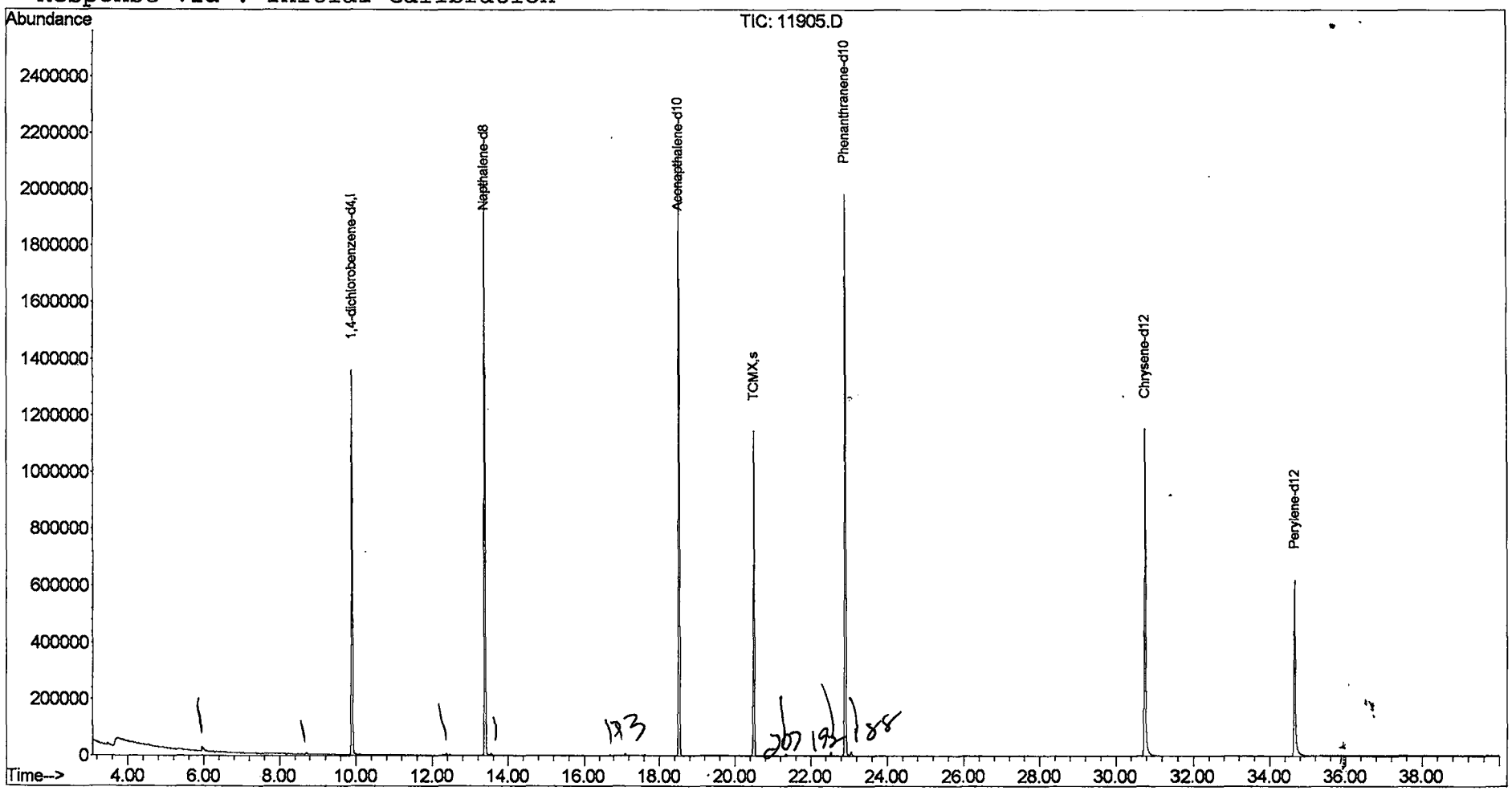
Quant Time: Jun 5 12:08 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed Jun 05 12:03:00 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

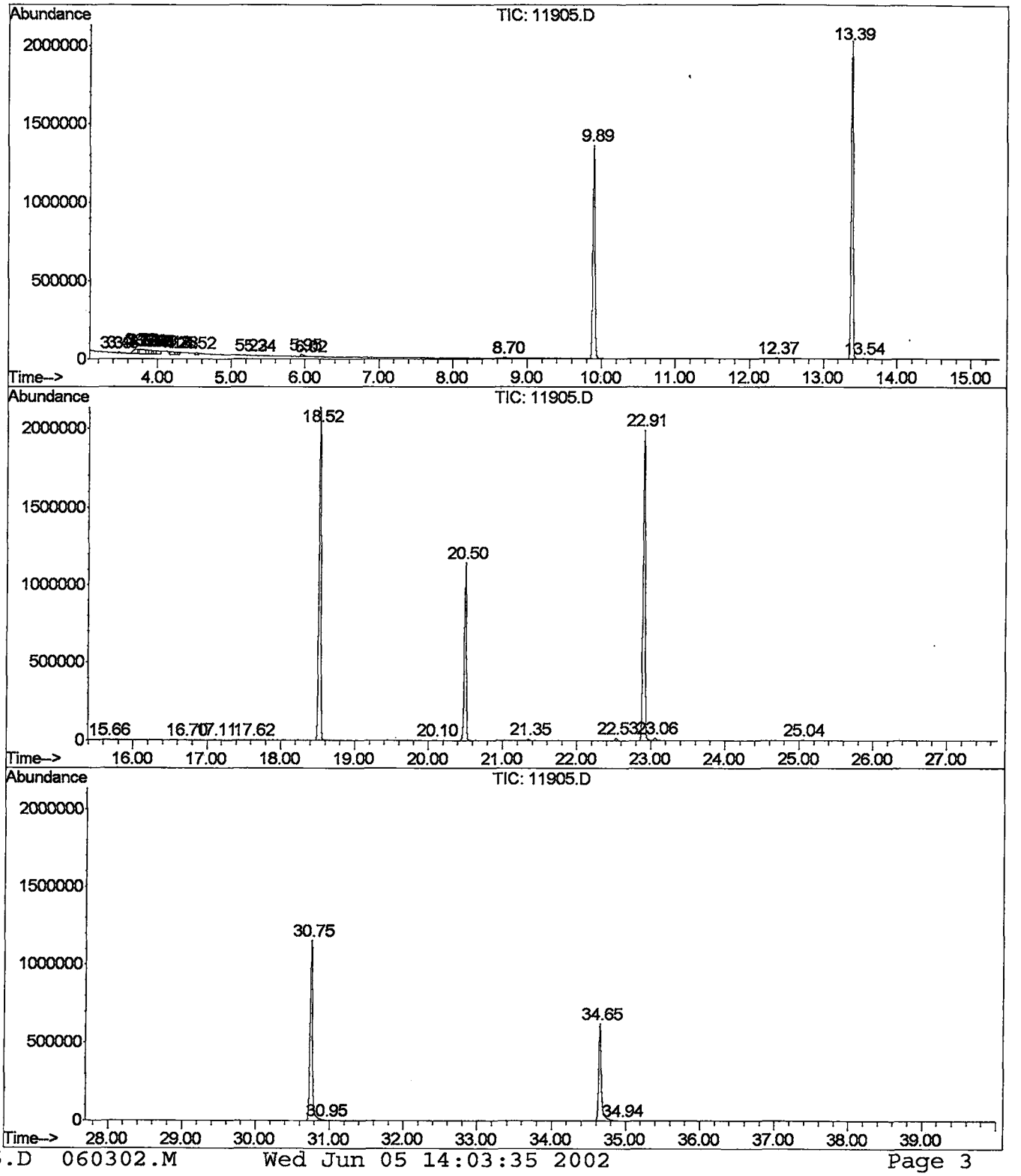
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.385	50	52	58	PV 3	2355	33953	0.08%	0.016%
2	3.479	63	68	77	VV 7	7656	187588	0.47%	0.087%
3	3.725	89	110	111	PV 3	29100	1177755	2.92%	0.546%
4	3.743	111	113	114	VV 2	28360	305005	0.76%	0.141%
5	3.761	114	116	130	VV 8	28366	1475277	3.66%	0.684%
6	3.855	130	132	137	VV 3	26219	602284	1.49%	0.279%
7	3.896	137	139	144	VV 5	23769	545493	1.35%	0.253%
8	3.931	144	145	148	VV 3	22796	291377	0.72%	0.135%
9	3.960	148	150	153	VV 3	22708	405265	1.01%	0.188%
10	3.984	153	154	165	VV 5	21869	828142	2.05%	0.384%
11	4.178	184	187	196	VV 6	17072	650121	1.61%	0.301%
12	4.254	196	200	202	VV 4	15066	321302	0.80%	0.149%
13	4.278	202	204	207	VV 3	15502	233642	0.58%	0.108%
14	4.524	242	246	251	VV 6	14078	397501	0.99%	0.184%
15	5.218	362	364	365	VV 2	3758	31911	0.08%	0.015%
16	5.341	381	385	393	VV 5	3492	90316	0.22%	0.042%
17	5.952	483	489	499	PV	14329	360914	0.90%	0.167%
18	6.023	499	501	505	VV 5	3101	39678	0.10%	0.018%
19	8.702	945	957	968	PV 4	4436	133063	0.33%	0.062%
20	9.895	1148	1160	1183	PV	1356736	27231986	67.57%	12.619%
21	12.368	1573	1581	1588	PV	5987	89640	0.22%	0.042%
22	13.391	1742	1755	1771	BV	1999545	36494234	90.55%	16.910%
23	13.544	1774	1781	1786	VV 2	5083	87548	0.22%	0.041%
24	15.659	2136	2141	2145	PV 2	1623	25358	0.06%	0.012%
25	16.705	2314	2319	2326	VV 2	3014	47583	0.12%	0.022%
26	17.104	2380	2387	2396	VV 3	5961	100897	0.25%	0.047%
27	17.621	2469	2475	2480	VV 5	3217	54871	0.14%	0.025%
28	18.526	2611	2629	2644	PV	2121899	40263184	99.91%	18.657%
29	20.101	2889	2897	2901	PV 4	1803	26441	0.07%	0.012%
30	20.500	2951	2965	2979	PV	1113037	20816955	51.65%	9.646%
31	21.352	3103	3110	3127	PV 3	9212	147028	0.36%	0.068%
32	22.533	3301	3311	3321	PV 3	13943	252163	0.63%	0.117%
33	22.903	3361	3374	3393	PV 2	1962260	40301209	100.00%	18.674%
34	23.062	3393	3401	3408	VV	14589	309572	0.77%	0.143%
35	25.042	3733	3738	3748	VV 3	2659	55192	0.14%	0.026%
36	30.753	4696	4710	4741	PV 2	1163276	25930620	64.34%	12.016%
37	30.947	4741	4743	4753	VV 6	2364	47523	0.12%	0.022%

38	34.649	5362	5373	5420	PV		618337	15406589	38.23%	7.139%
39	34.936	5420	5422	5425	VV	3	1101	9811	0.02%	0.005%

Sum of corrected areas: 215808990

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060402\11905.D
Operator : McLean
Acquired : 4 Jun 2002 9:33 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 6/4
Misc Info :
Vial Number: 8
Quant File :060302.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

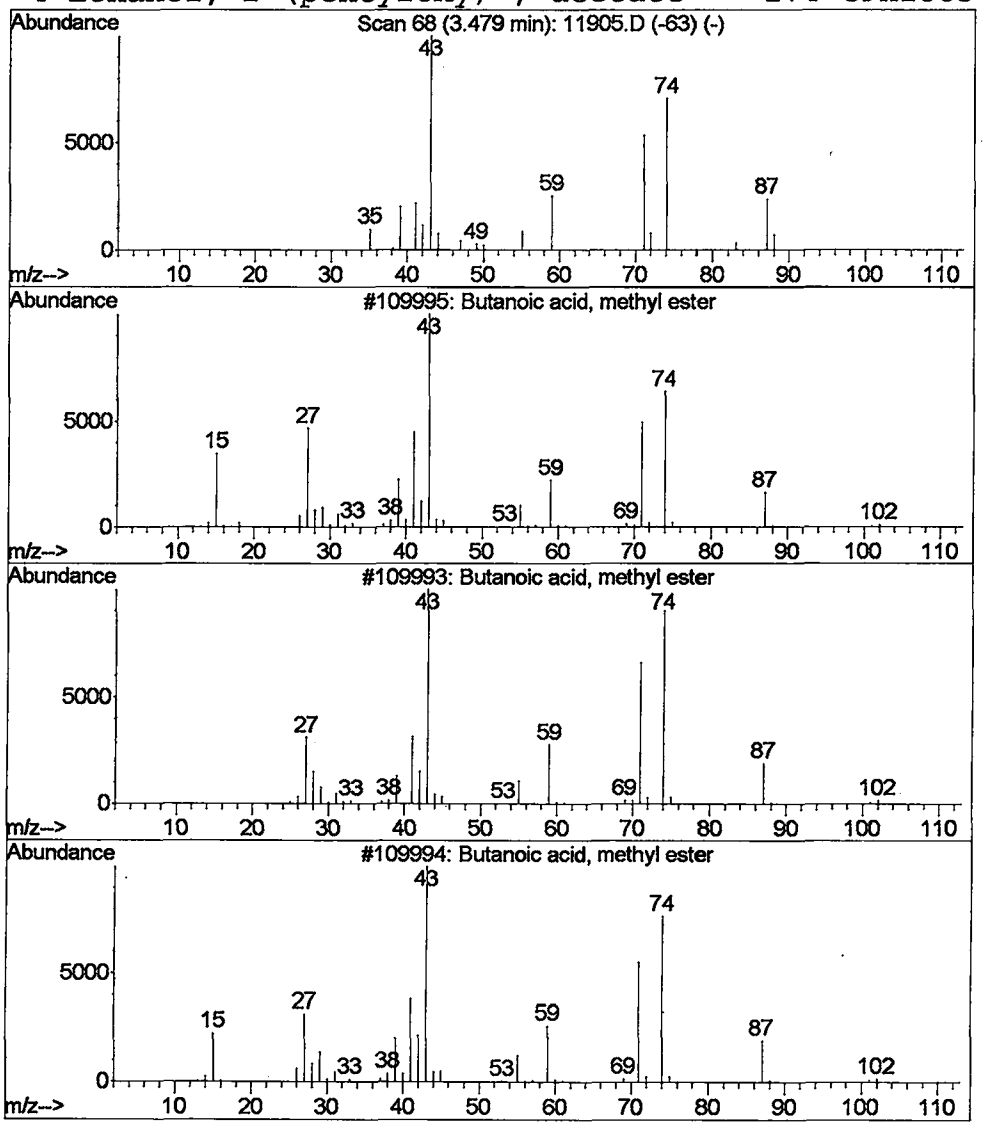
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

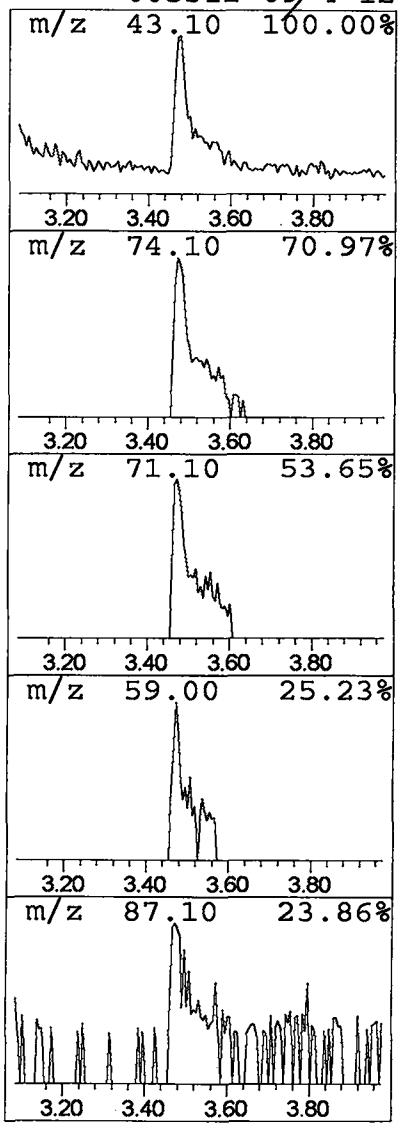
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.28 ug/L	187588	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	72
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	56
4	Ethanol, 2-(pentyloxy)-, acetate	174	C9H18O3	005312-09-4	12





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

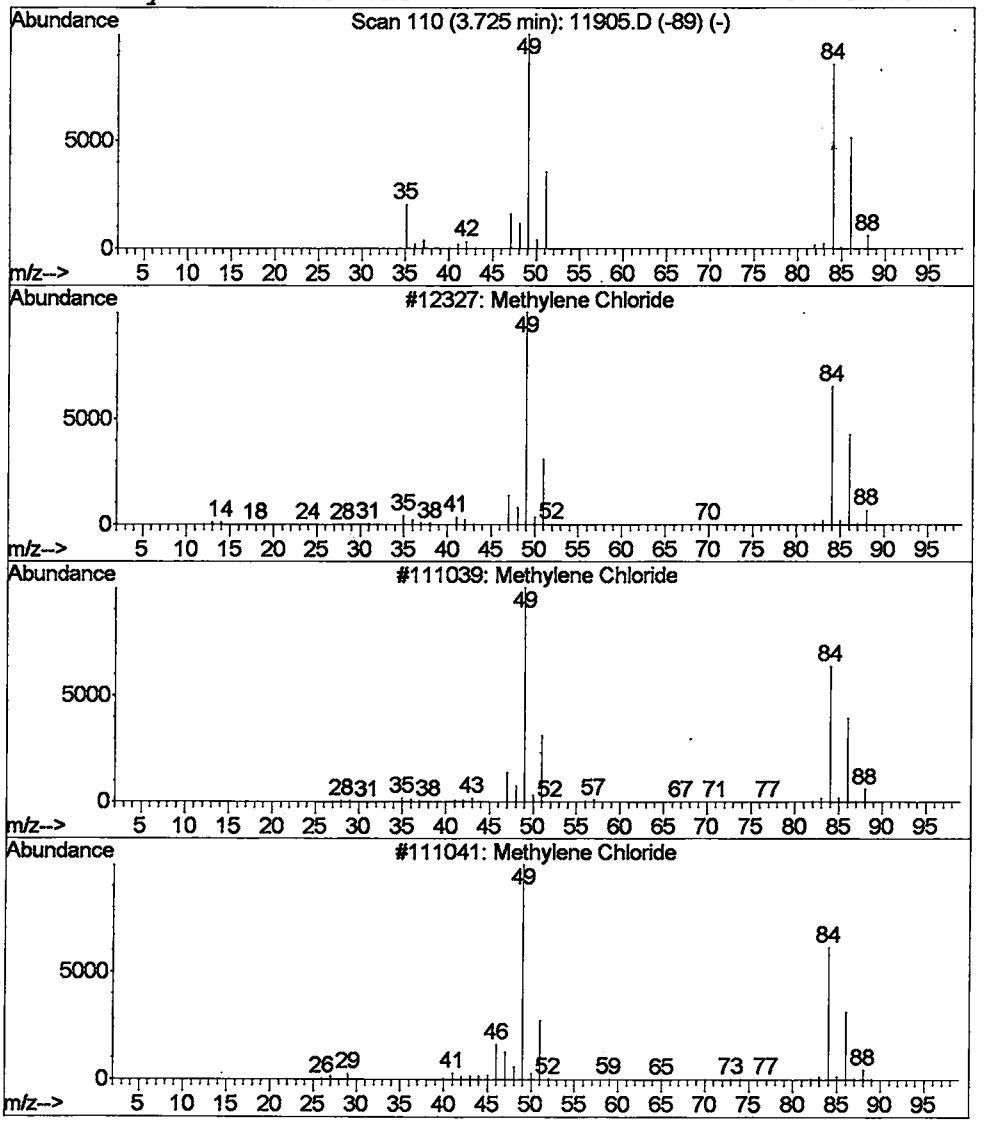
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

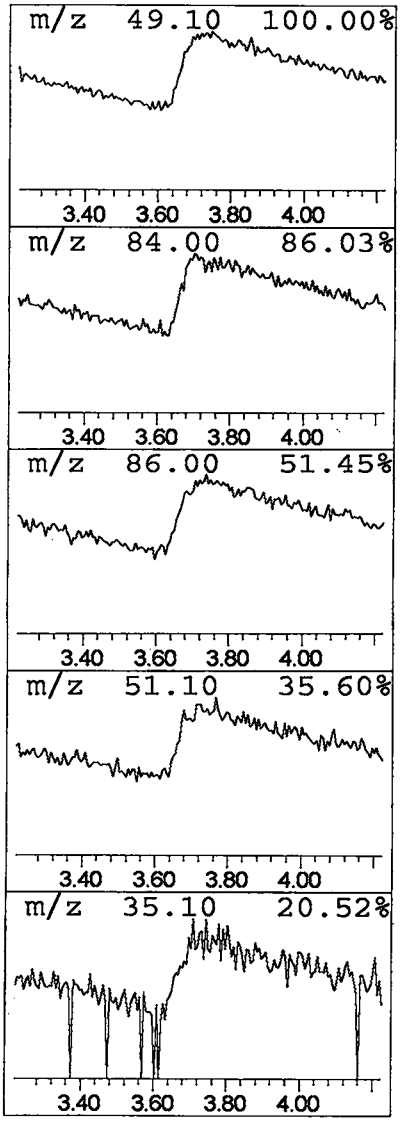
****

Peak Number 2 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	1.73 ug/L	1177760	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	87
2	Methylene Chloride	84	CH2Cl2	000075-09-2	87
3	Methylene Chloride	84	CH2Cl2	000075-09-2	81
4	Methylene Chloride	84	CH2Cl2	000075-09-2	38





Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

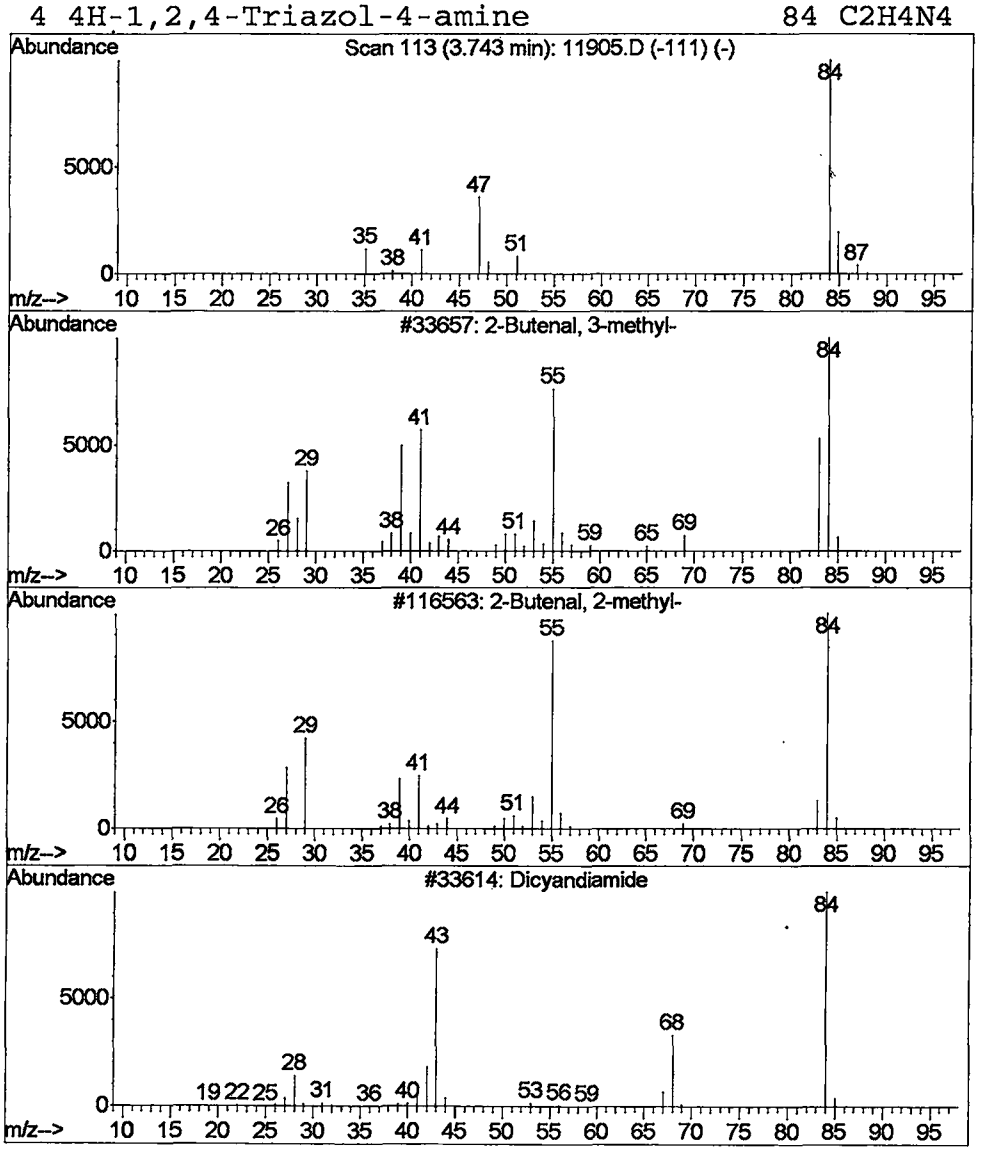
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

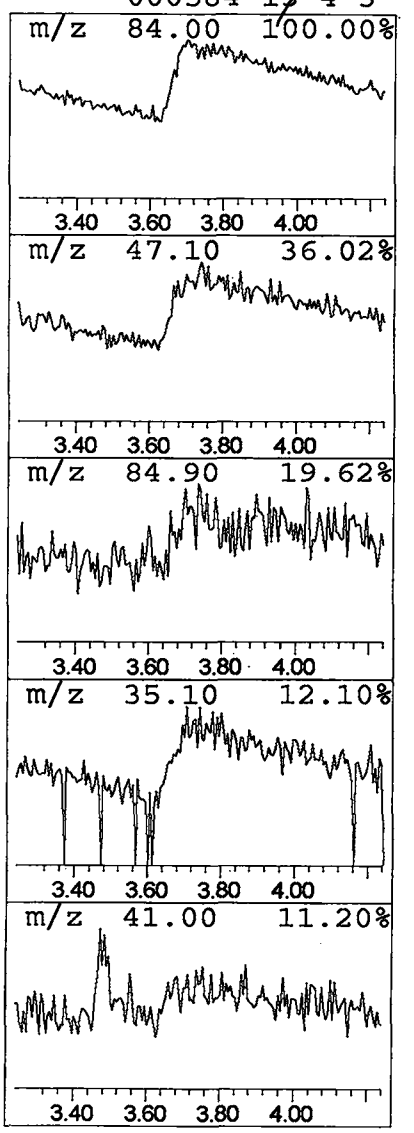
****

Peak Number 3 2-Butenal, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.45 ug/L	305005	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	4
3	Dicyandiamide	84	C2H4N4	000461-58-5	3
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	3





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060402\11905.D Vial: 8
Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
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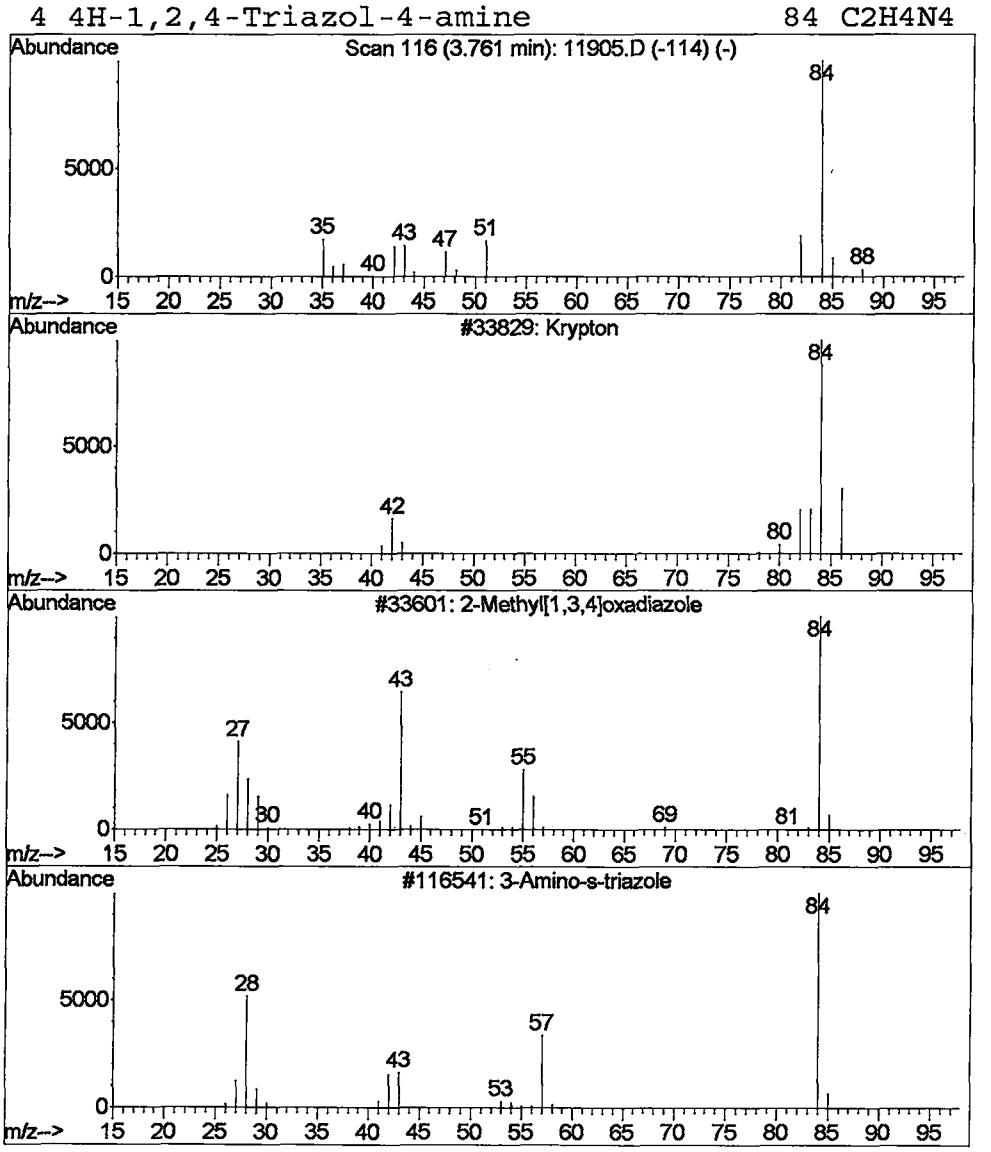
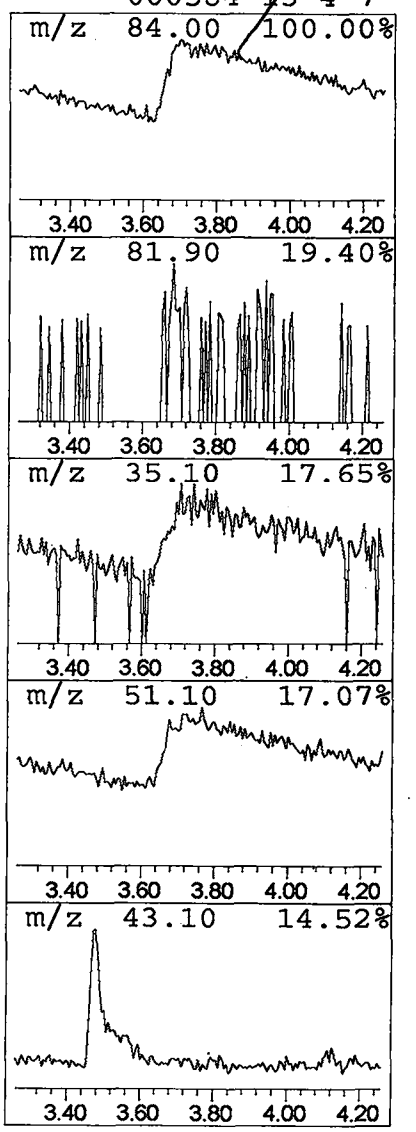
Peak Number 4 Krypton Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.17 ug/L	1475280	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	9
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	9
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	7





Library Search Compound Report

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Acq On : 4 Jun 2002 9:33 pm
Sample : 6/4
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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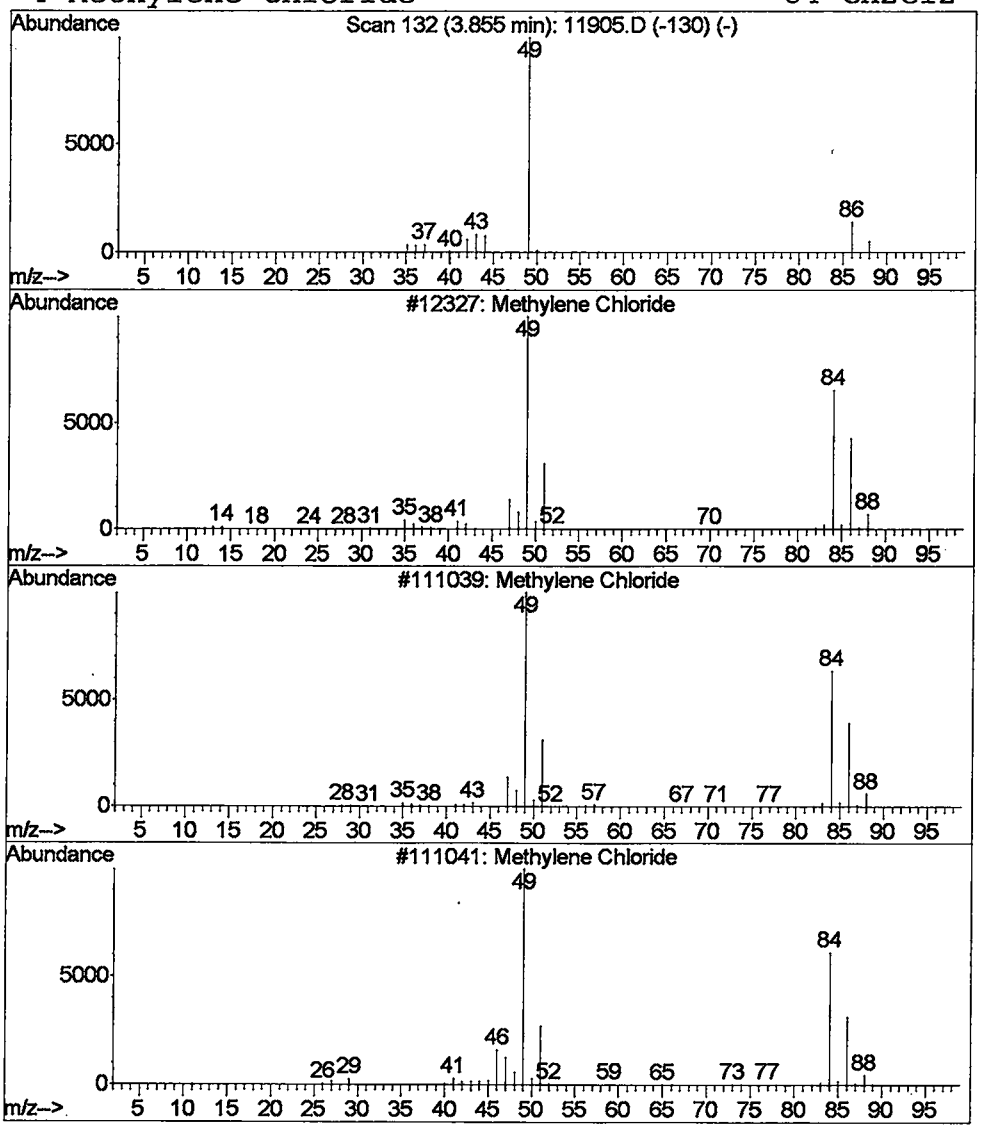
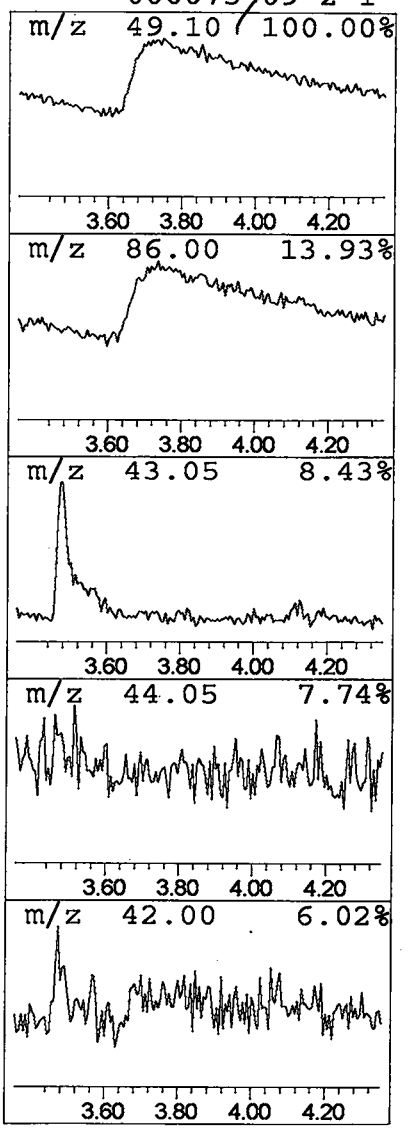
Peak Number 5 Methylene Chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	0.88 ug/L	602284	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	1





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Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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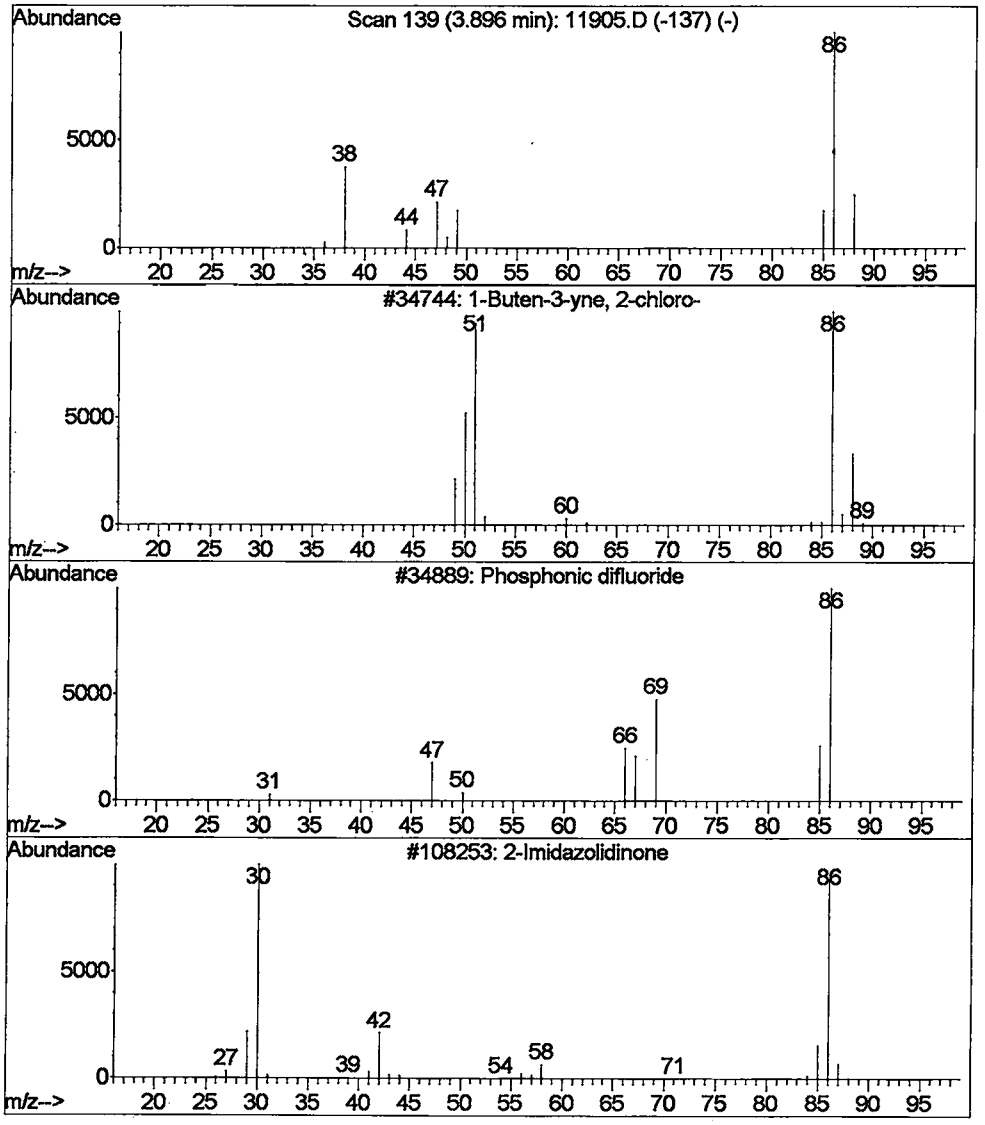
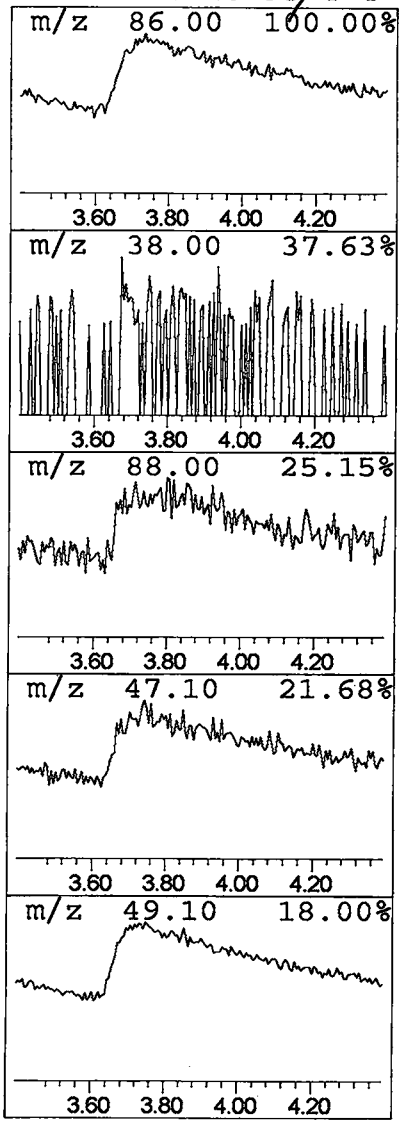
Peak Number 6 1-Buten-3-yne, 2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	0.80 ug/L	545493	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	74
2	Phosphonic difluoride	86	F2HOP	014939-34-5	5
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
4	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4





Data File : C:\MSDCHEM\1\DATA\060402\11905.D
Acq On : 4 Jun 2002 9:33 pm
Sample : 6/4
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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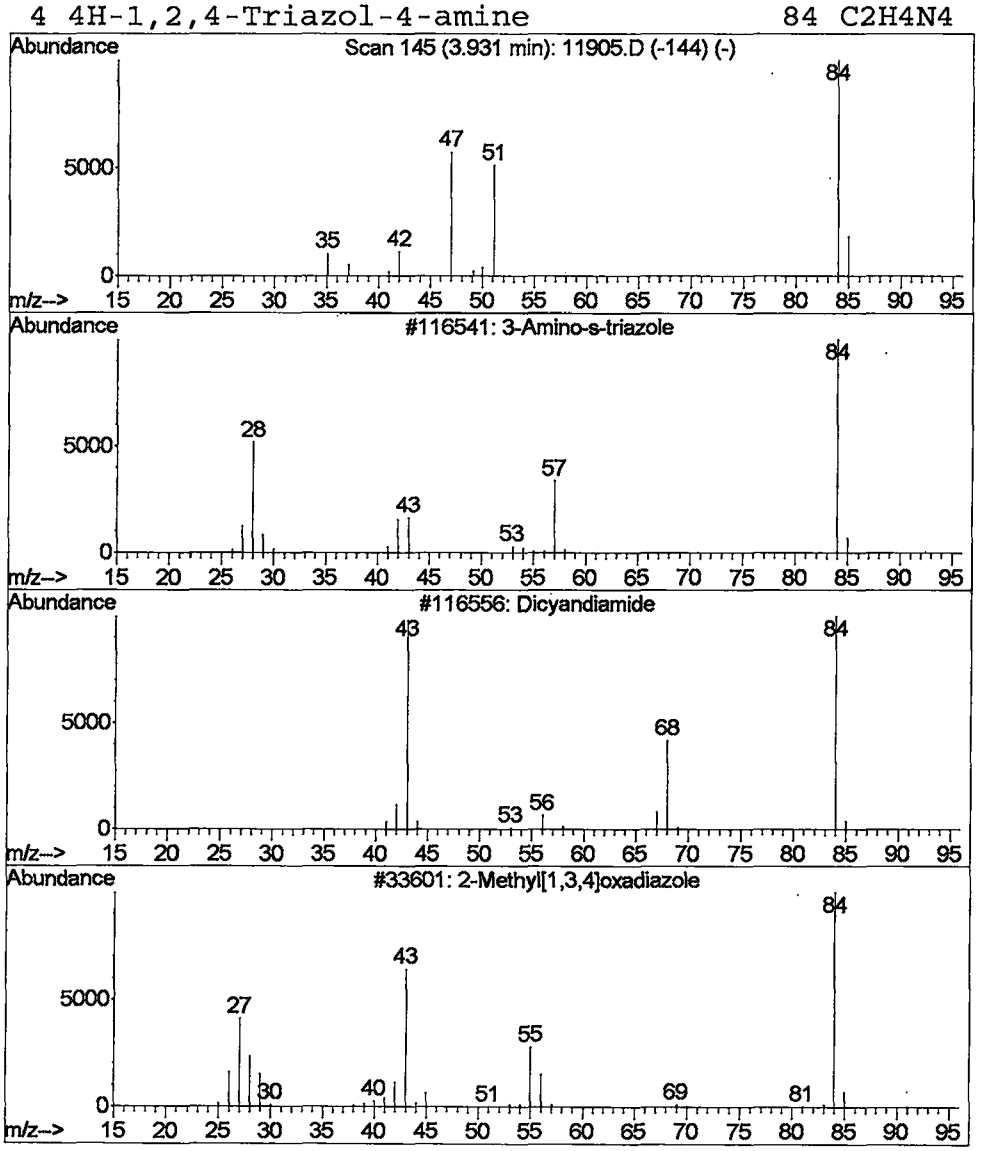
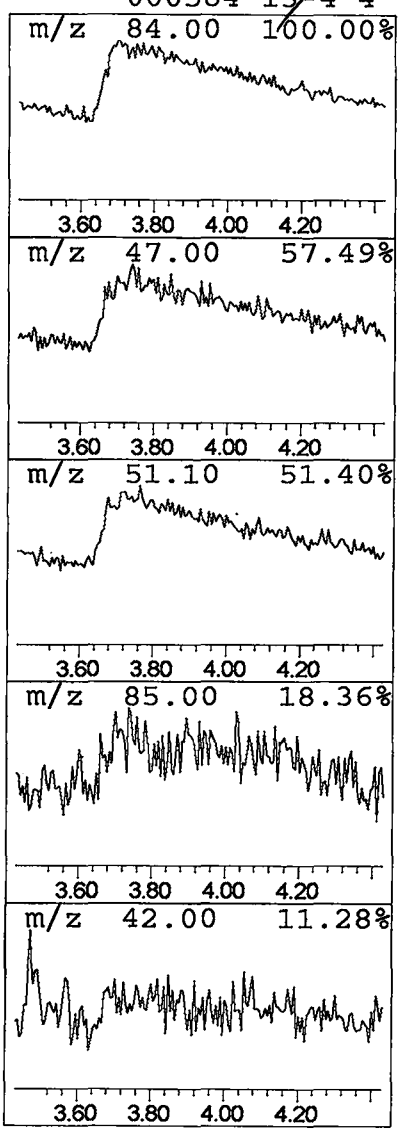
Peak Number 7 3-Amino-s-triazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.43 ug/L	291377	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-s-triazole	84	C2H4N4	000061-82-5	5
2	Dicyandiamide	84	C2H4N4	000461-58-5	4
3	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	4
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





Library Search Compound Report

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Acq On : 4 Jun 2002 9:33 pm Operator: McLean
Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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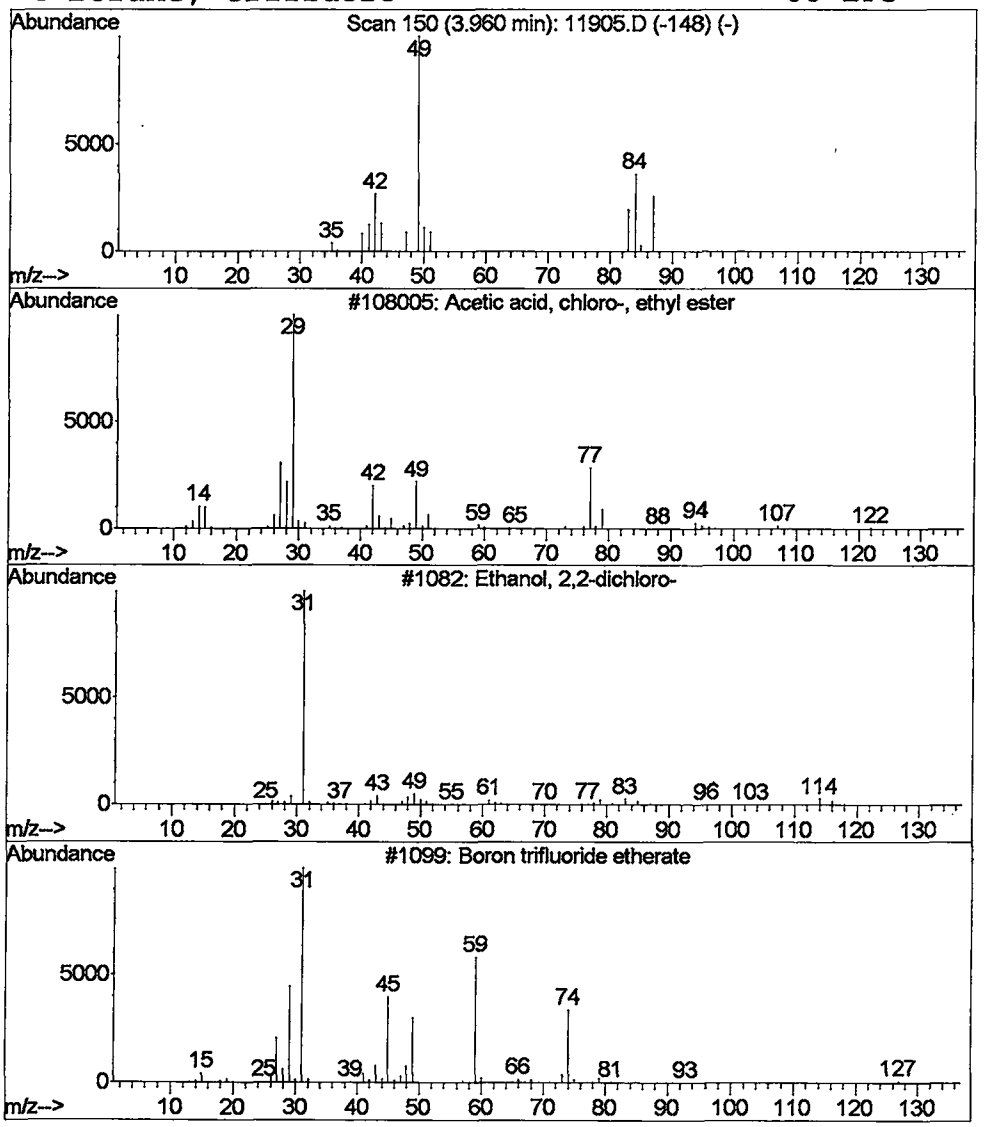
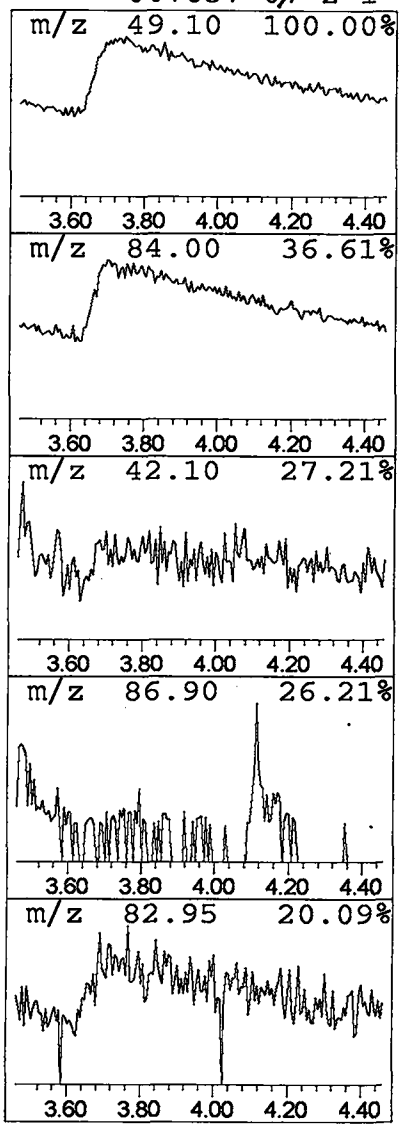
Peak Number 8 Acetic acid, chloro-, ethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	0.60 ug/L	405265	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	2
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
4	Borane, trifluoro-	68	BF3	007637-07-2	1





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Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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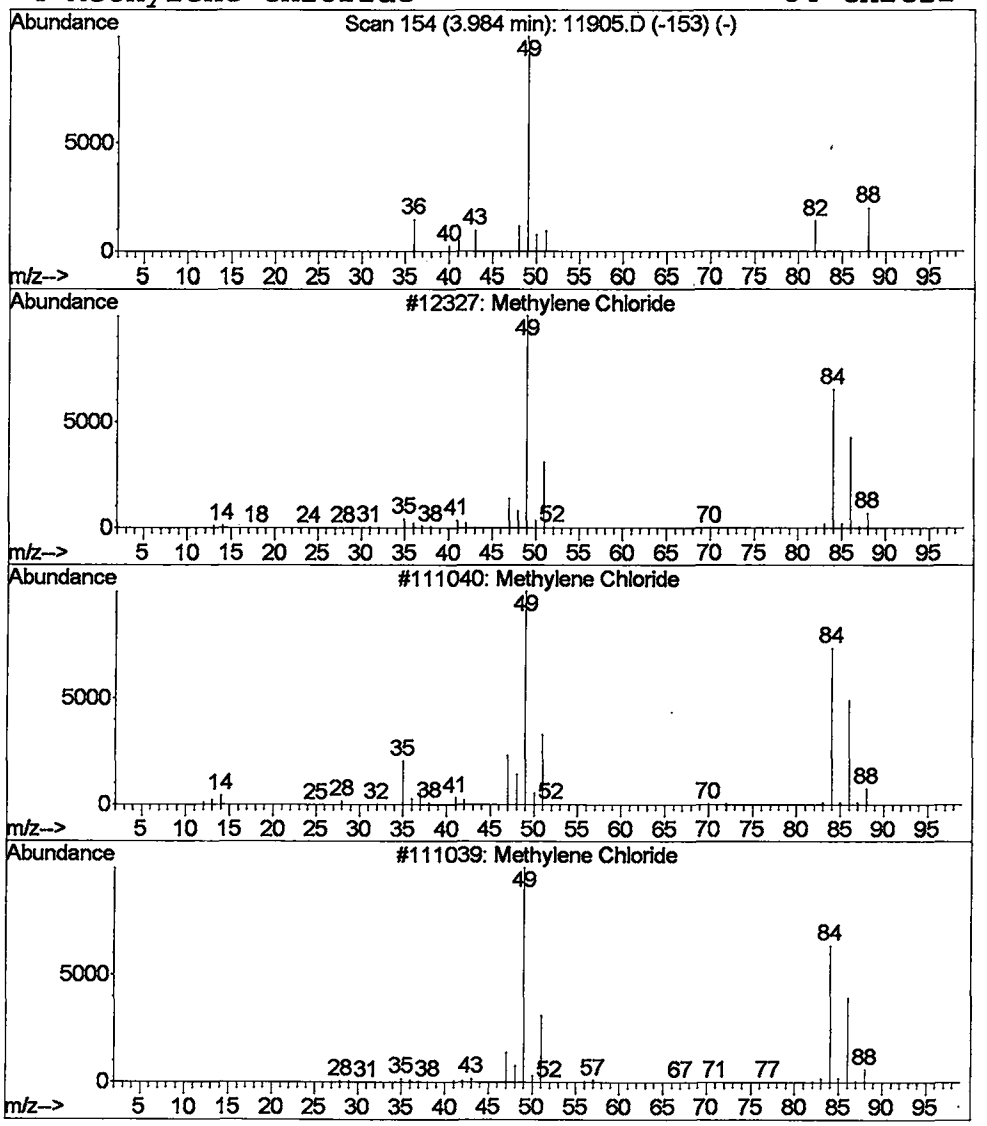
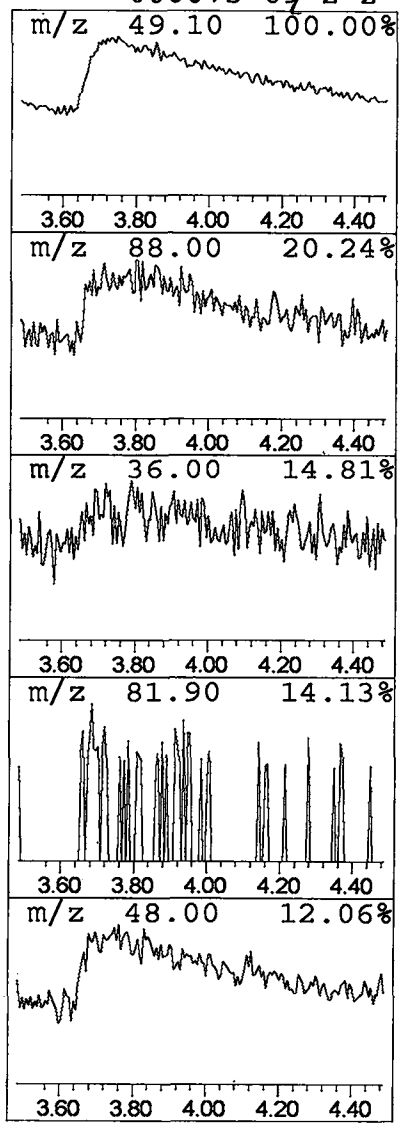
Peak Number 9 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.22 ug/L	828142	1,4-dichlorobenzene-d4	9.90

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





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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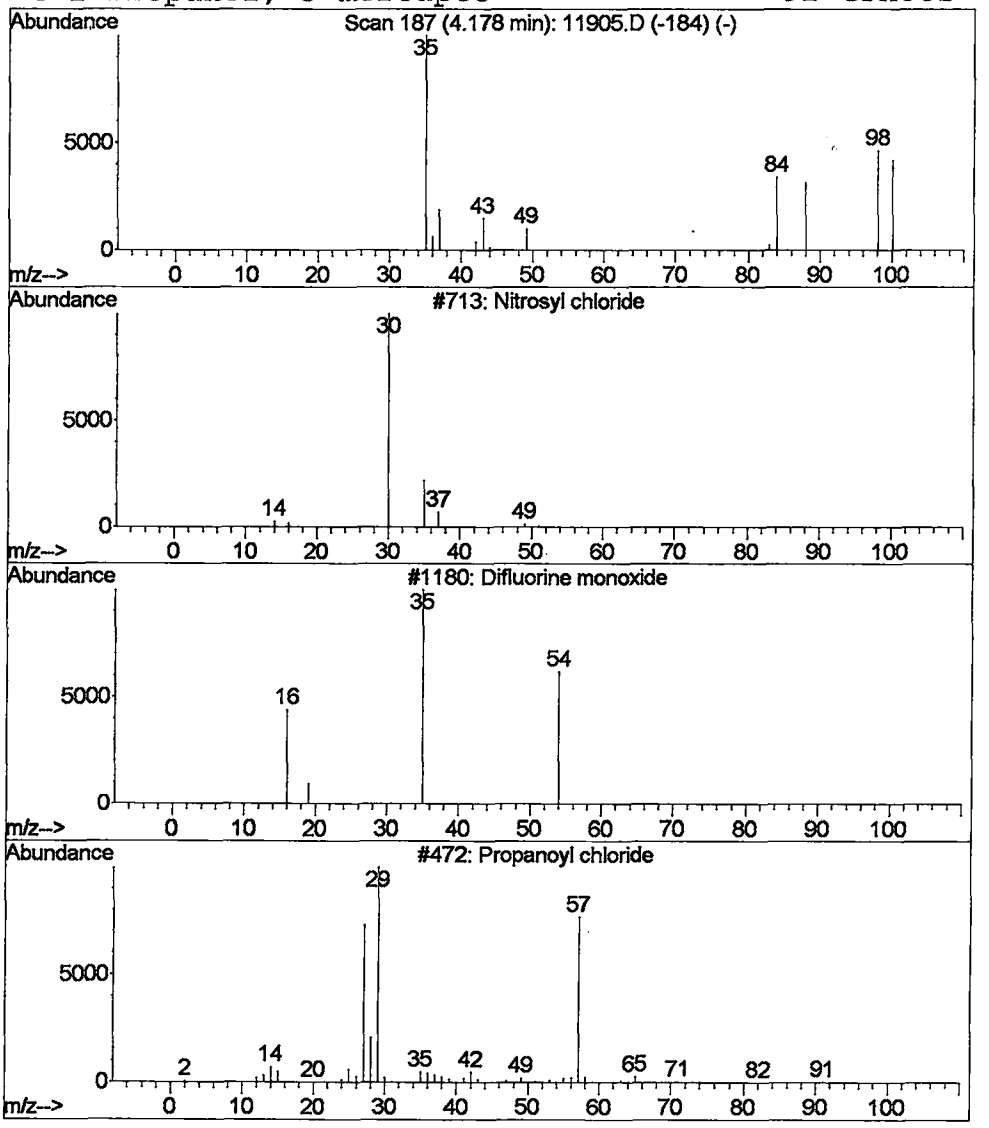
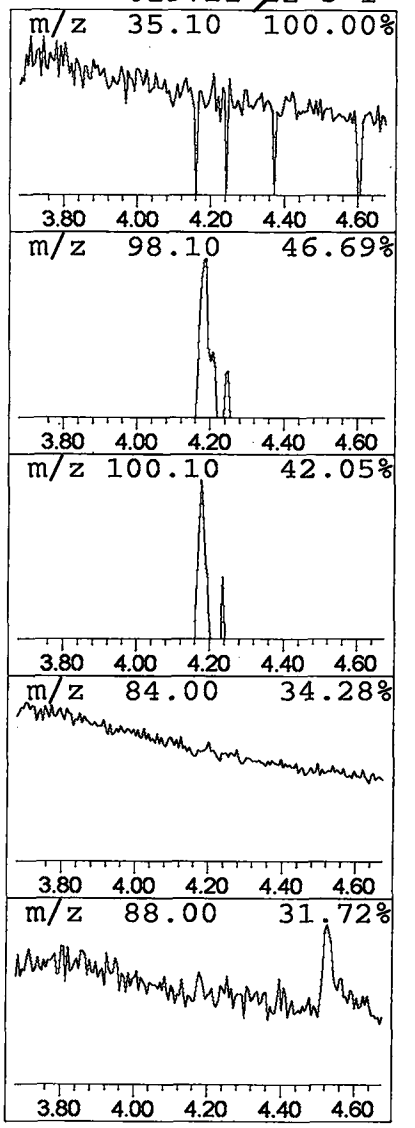
Peak Number 10 Nitrosyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	0.95 ug/L	650121	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrosyl chloride	65	ClNO	002696-92-6	2
2	Difluorine monoxide	54	F2O	007783-41-7	1
3	Propanoyl chloride	92	C3H5ClO	000079-03-8	1
4	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	1





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Vial: 8
Operator: McLean
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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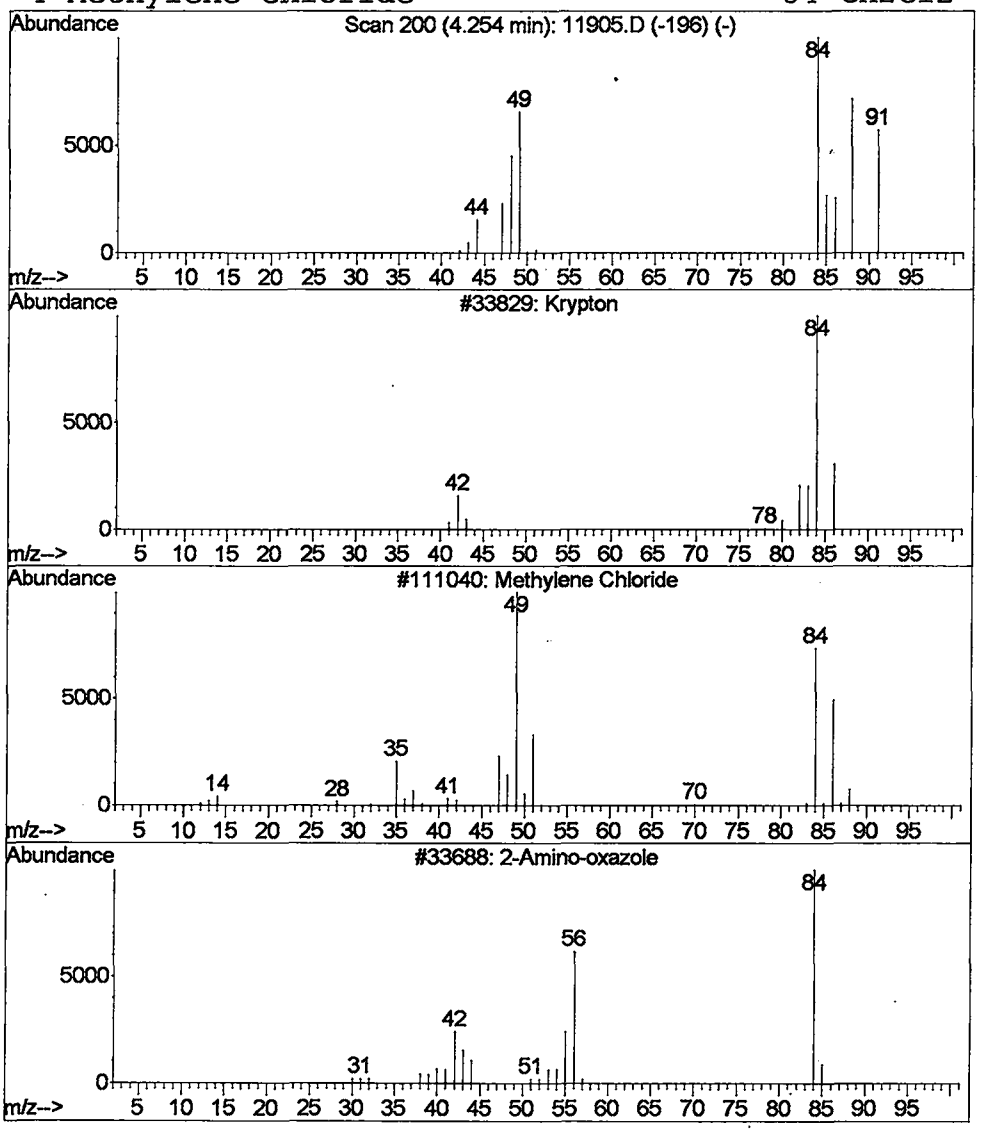
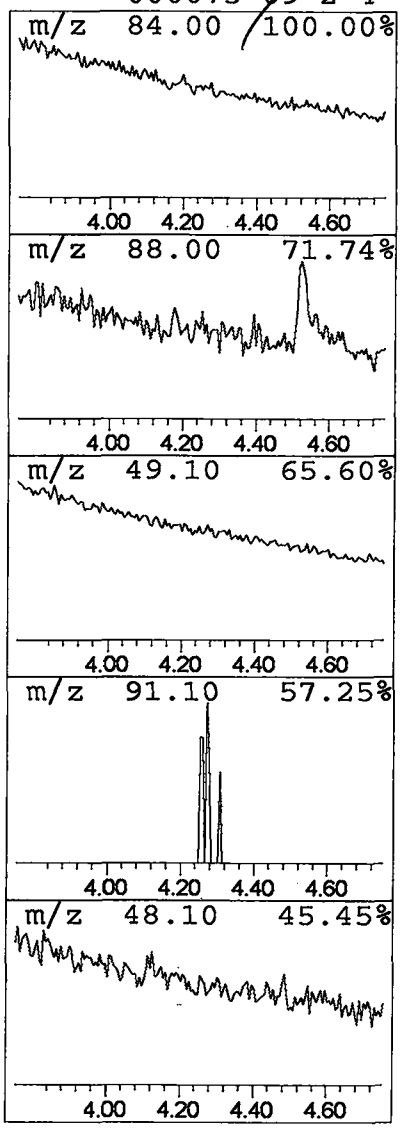
Peak Number 11 Krypton — Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.47 ug/L	321302	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	7
2	Methylene Chloride	84	CH2Cl2	000075-09-2	5
3	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	5
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





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Misc : Multiplr: 1.00
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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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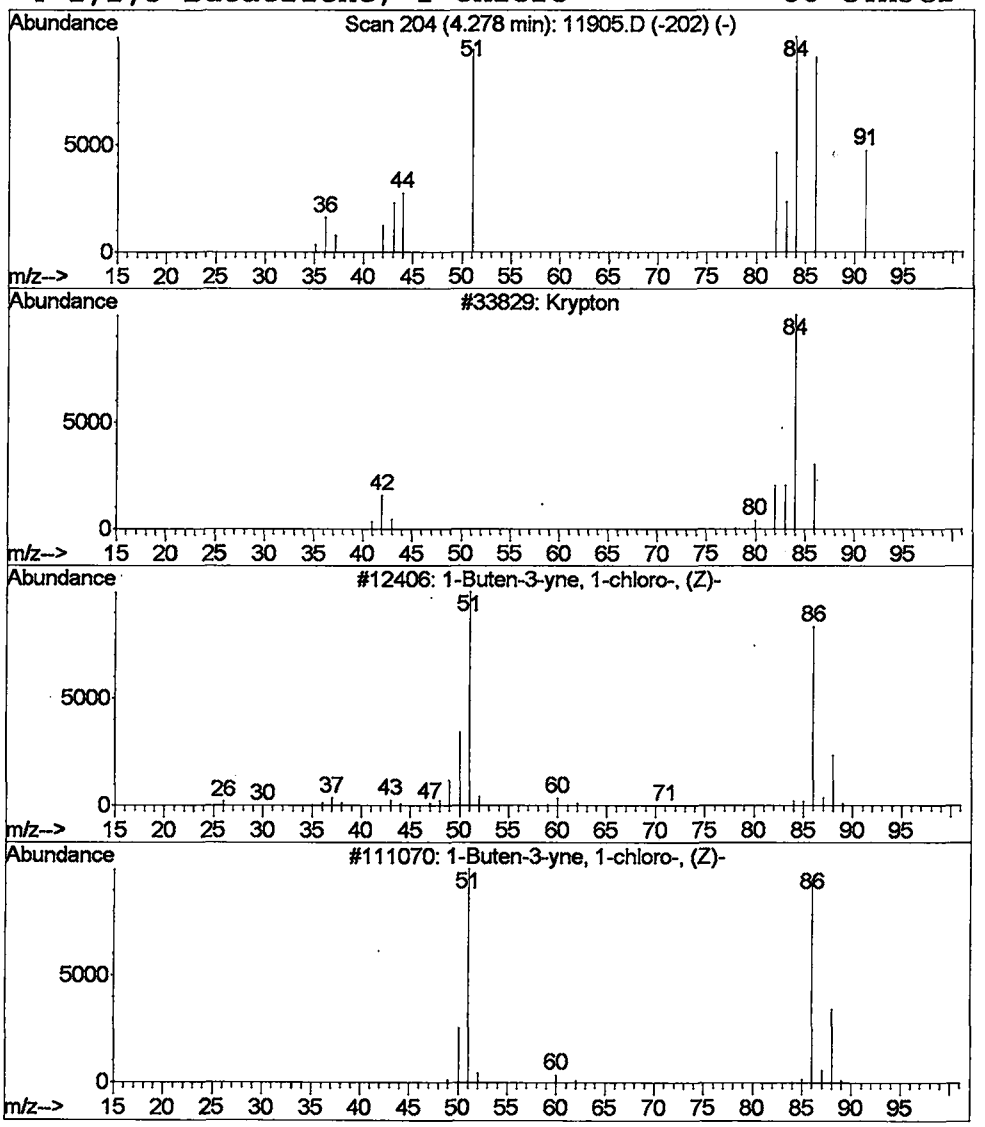
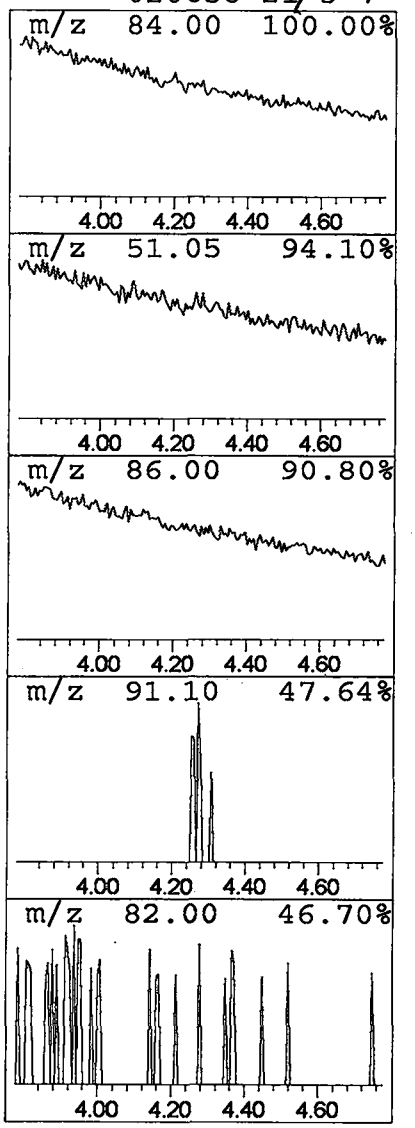
Peak Number 12 Krypton Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	0.34 ug/L	233642	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
3	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
4	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	7





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Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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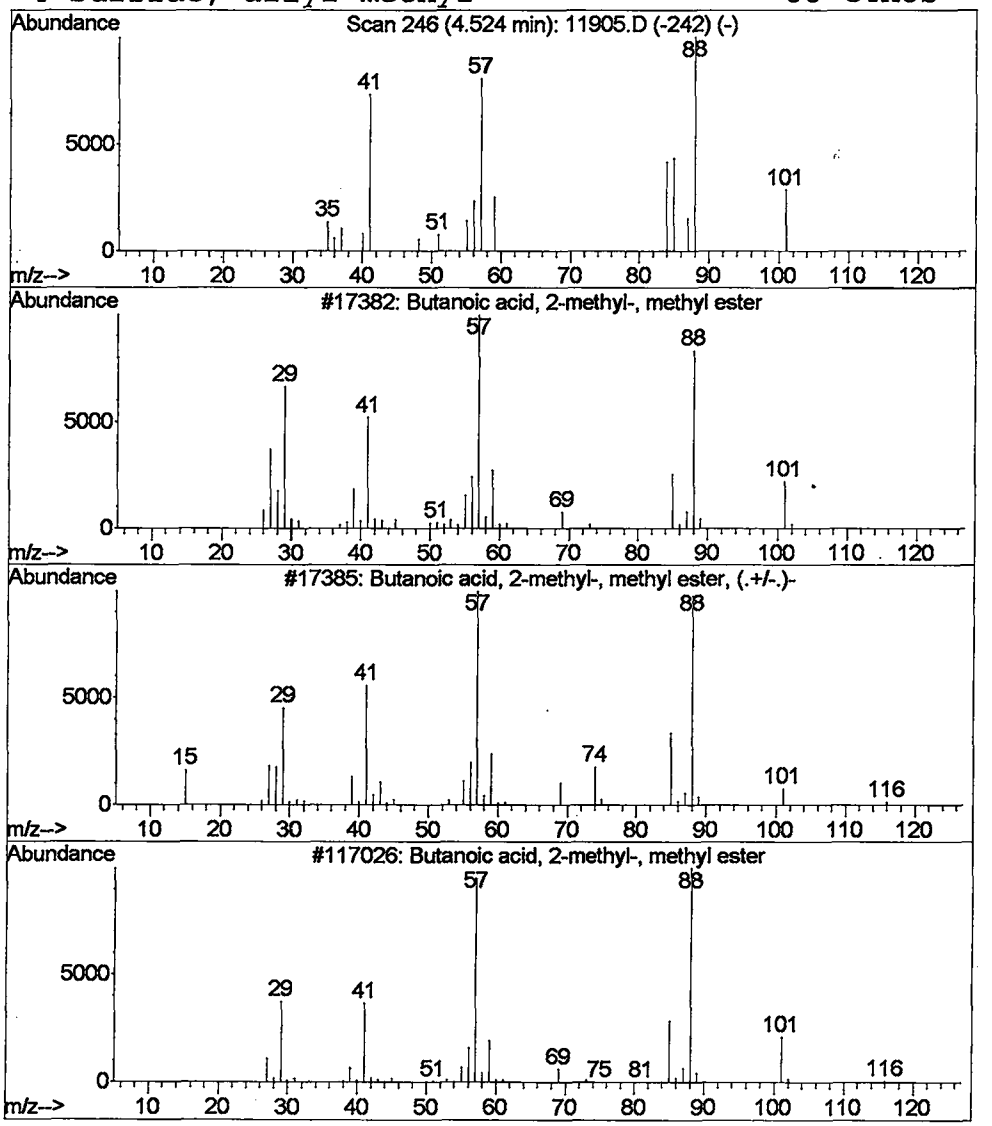
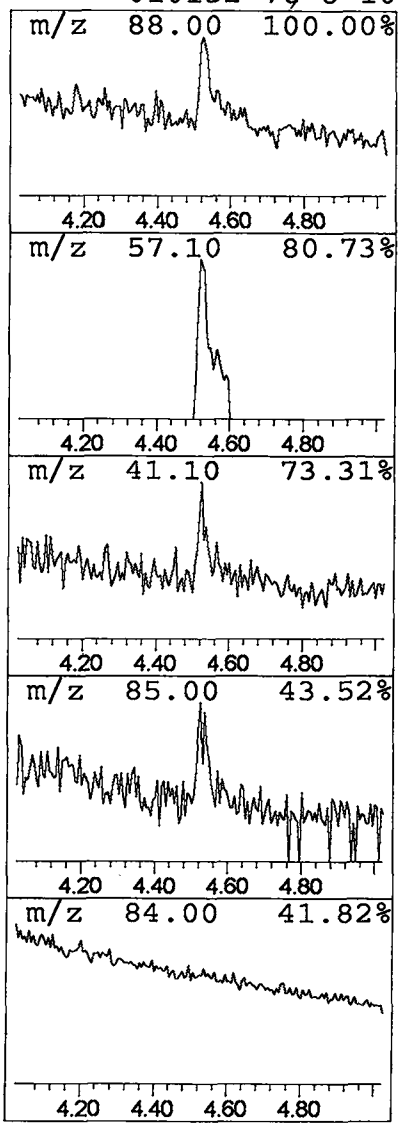
Peak Number 13 Butanoic acid, 2-methyl-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	0.58 ug/L	397501	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	40
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	28
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	23
4	Sulfide, allyl methyl	88	C4H8S	010152-76-8	10





Library Search Compound Report

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Misc :
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Vial: 8
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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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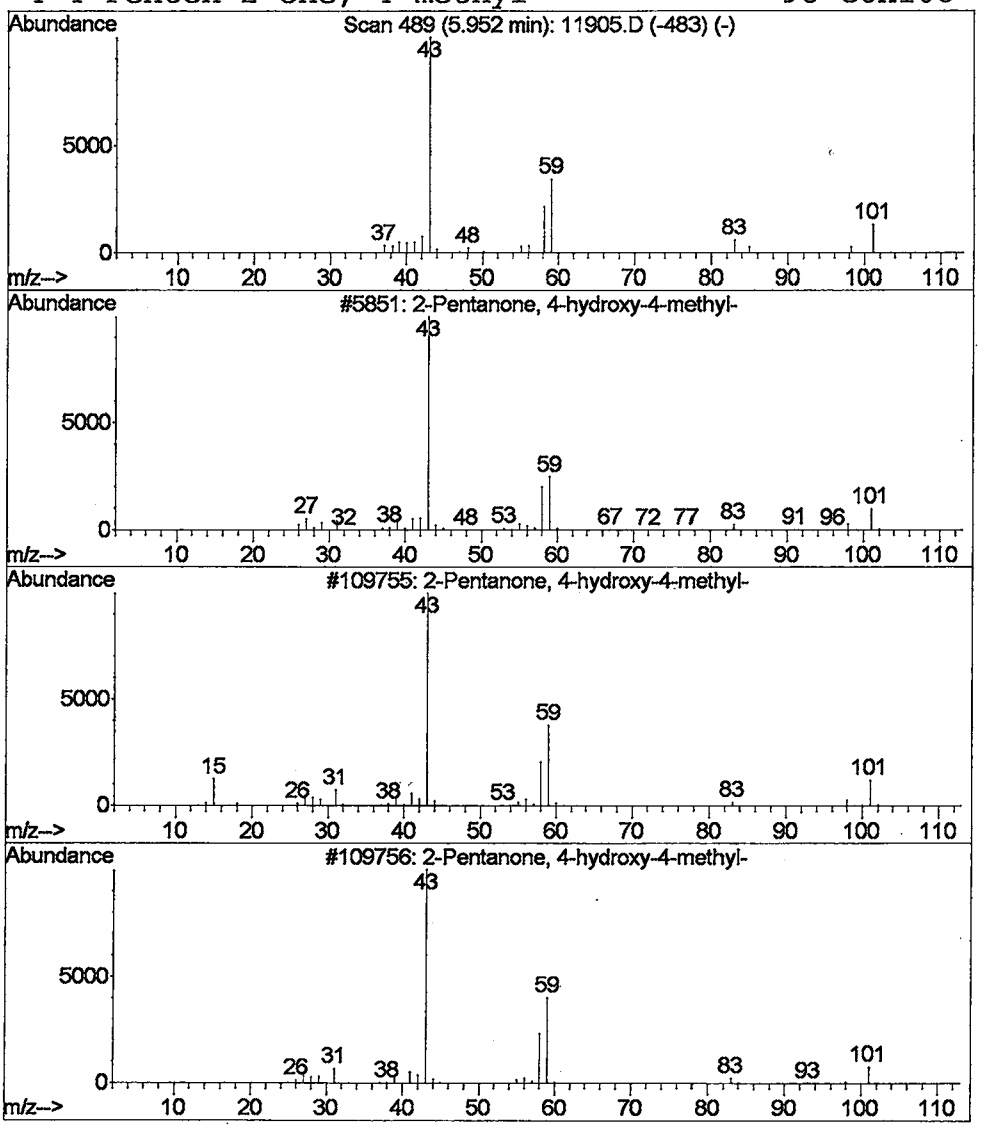
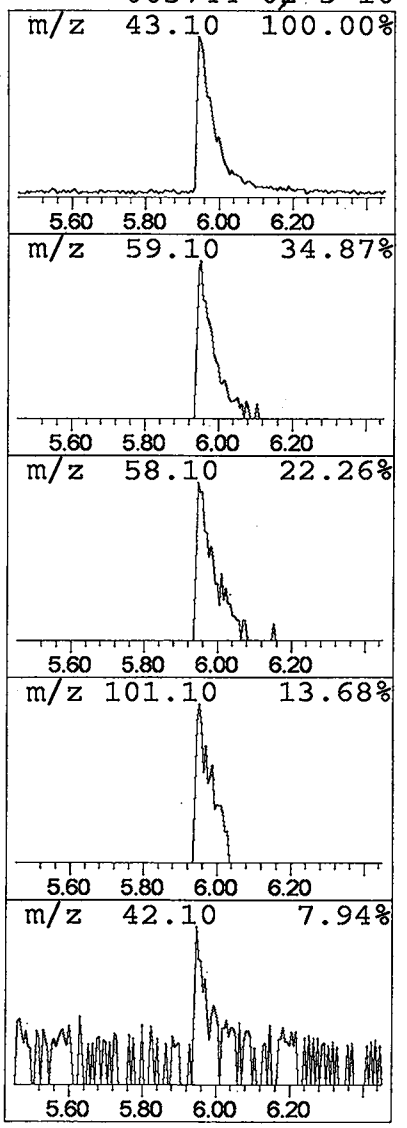
Peak Number 14 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.53 ug/L	360914	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	78
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	72
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





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Sample : 6/4 Inst : Instrumen
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MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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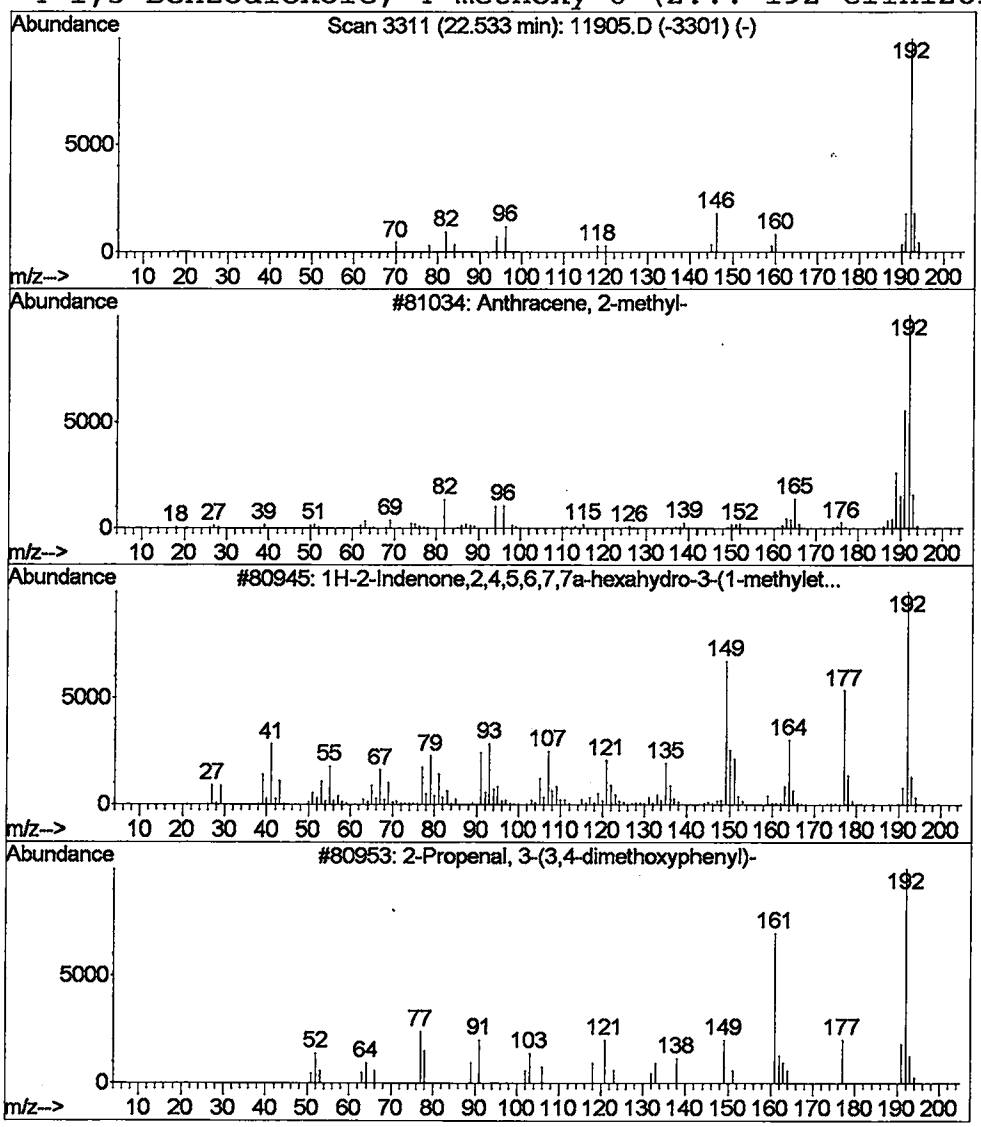
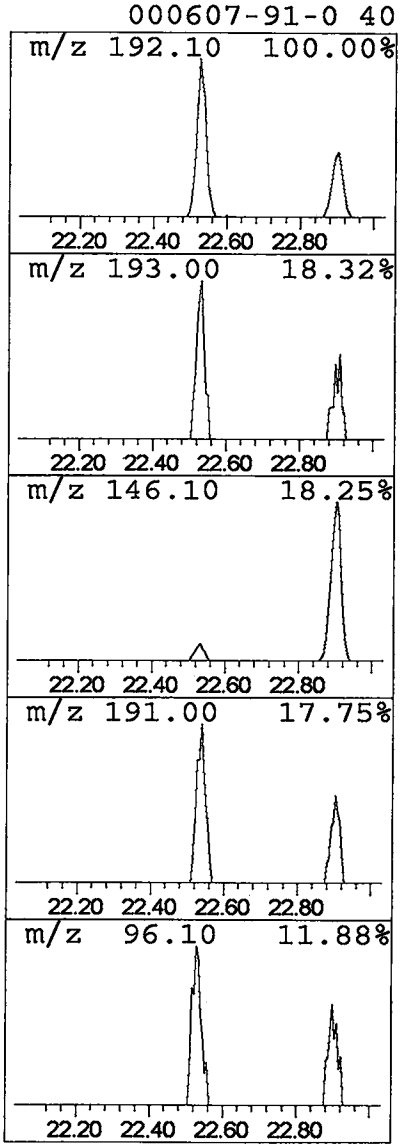
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.25 ug/L	252163	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
2	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	40





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Sample : 6/4 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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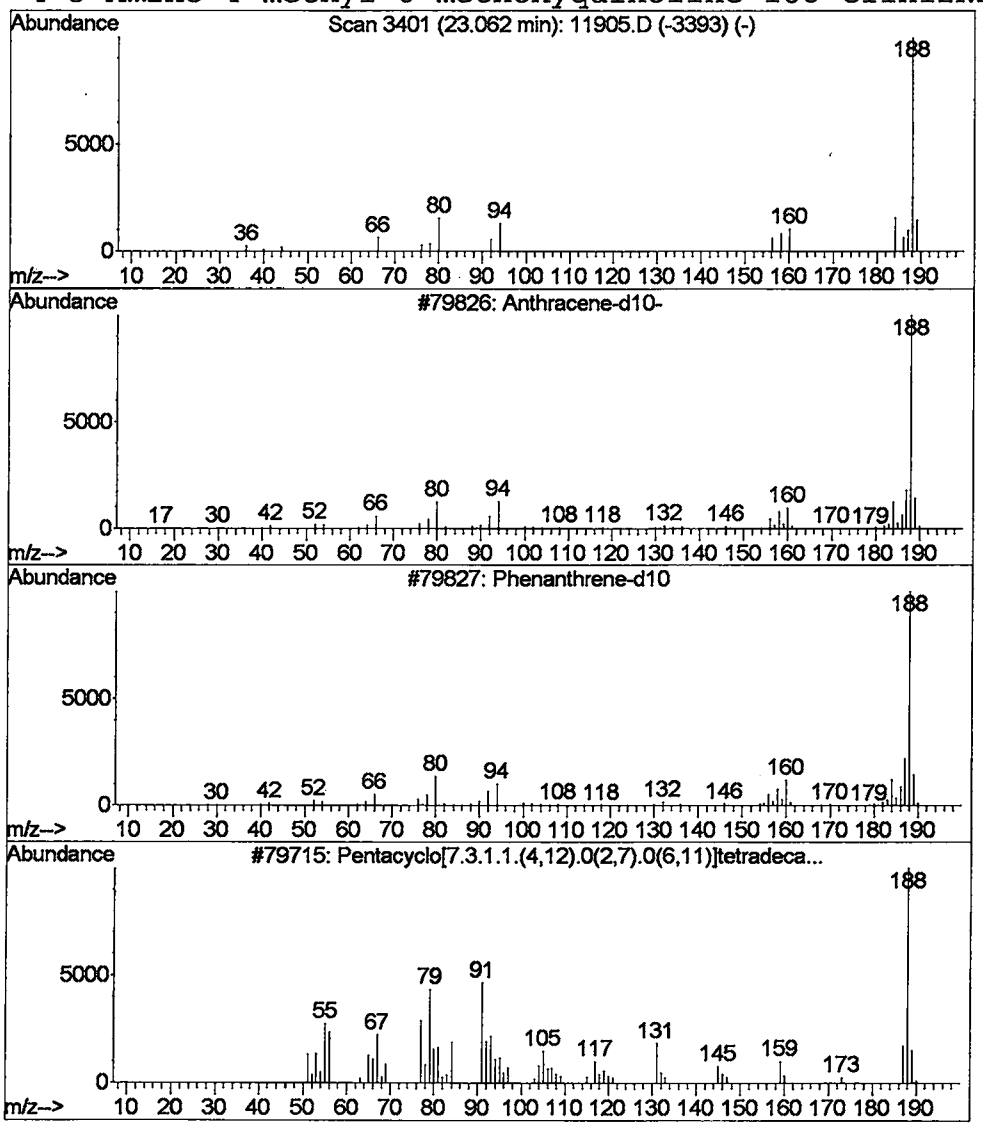
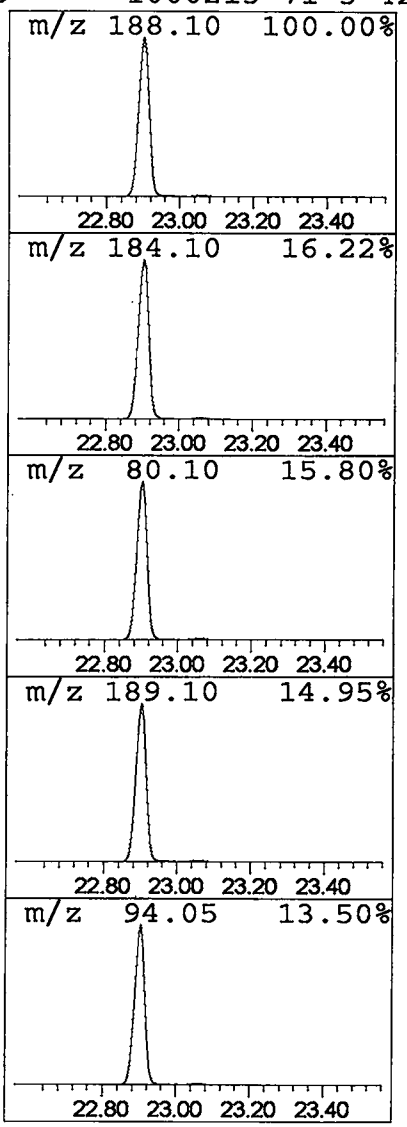
Peak Number 16 Anthracene-d10- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.31 ug/L	309572	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	45
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 4 Jun 2002 9:33 pm
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Name: 6/4
Misc:
Method: C:\MSDCHEM\1\METHODS\060302.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
Butanoic acid, me...	3.48	0.3	ug/L	187588	1	9.90	27232000	40.0
Methylene Chloride	3.72	1.7	ug/L	1177760	1	9.90	27232000	40.0
2-Butenal, 3-methyl-	3.74	0.4	ug/L	305005	1	9.90	27232000	40.0
Krypton	3.76	2.2	ug/L	1475280	1	9.90	27232000	40.0
Methylene Chloride	3.86	0.9	ug/L	602284	1	9.90	27232000	40.0
1-Buten-3-yne, 2-...	3.89	0.8	ug/L	545493	1	9.90	27232000	40.0
3-Amino-s-triazole	3.93	0.4	ug/L	291377	1	9.90	27232000	40.0
Acetic acid, chlo...	3.96	0.6	ug/L	405265	1	9.90	27232000	40.0
Methylene Chloride	3.99	1.2	ug/L	828142	1	9.90	27232000	40.0
Nitrosyl chloride	4.18	1.0	ug/L	650121	1	9.90	27232000	40.0
Krypton	4.25	0.5	ug/L	321302	1	9.90	27232000	40.0
Krypton	4.28	0.3	ug/L	233642	1	9.90	27232000	40.0
Butanoic acid, 2-...	4.52	0.6	ug/L	397501	1	9.90	27232000	40.0
2-Pentanone, 4-hy...	5.95	0.5	ug/L	360914	1	9.90	27232000	40.0
Anthracene, 2-met...	22.53	0.3	ug/L	252163	4	22.91	40301200	40.0
Anthracene-d10-	23.06	0.3	ug/L	309572	4	22.91	40301200	40.0