User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 15:29:12

Sample: AE12739
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 15:28 Ended: 6/10/02 15:28 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE12739 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 15:30:16

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 11:50:17 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 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	5300130	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	21215637	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	11805255	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	17858662	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10537154	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	5799123	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2553655	30.15	ug/L	0.00
Spiked Amount 40.000			Recovery = 75.37%			
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	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	42909	N.D.		
30) Nnitrosodiphenylamine	20.50	169	48882	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	25.05	149	755407	Below Cal		98

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

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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	30.76	228	25629	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	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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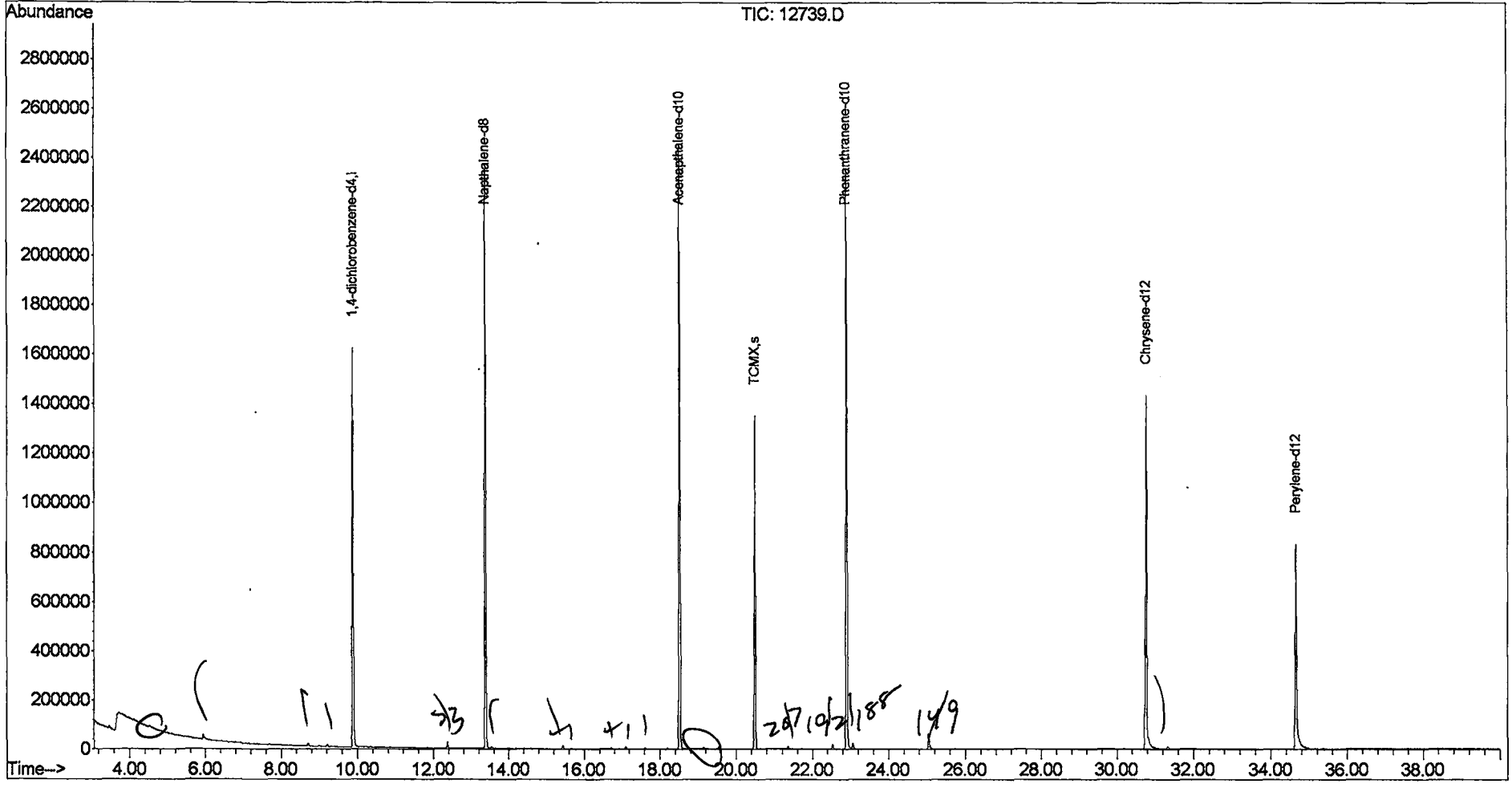
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 11:50 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : 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

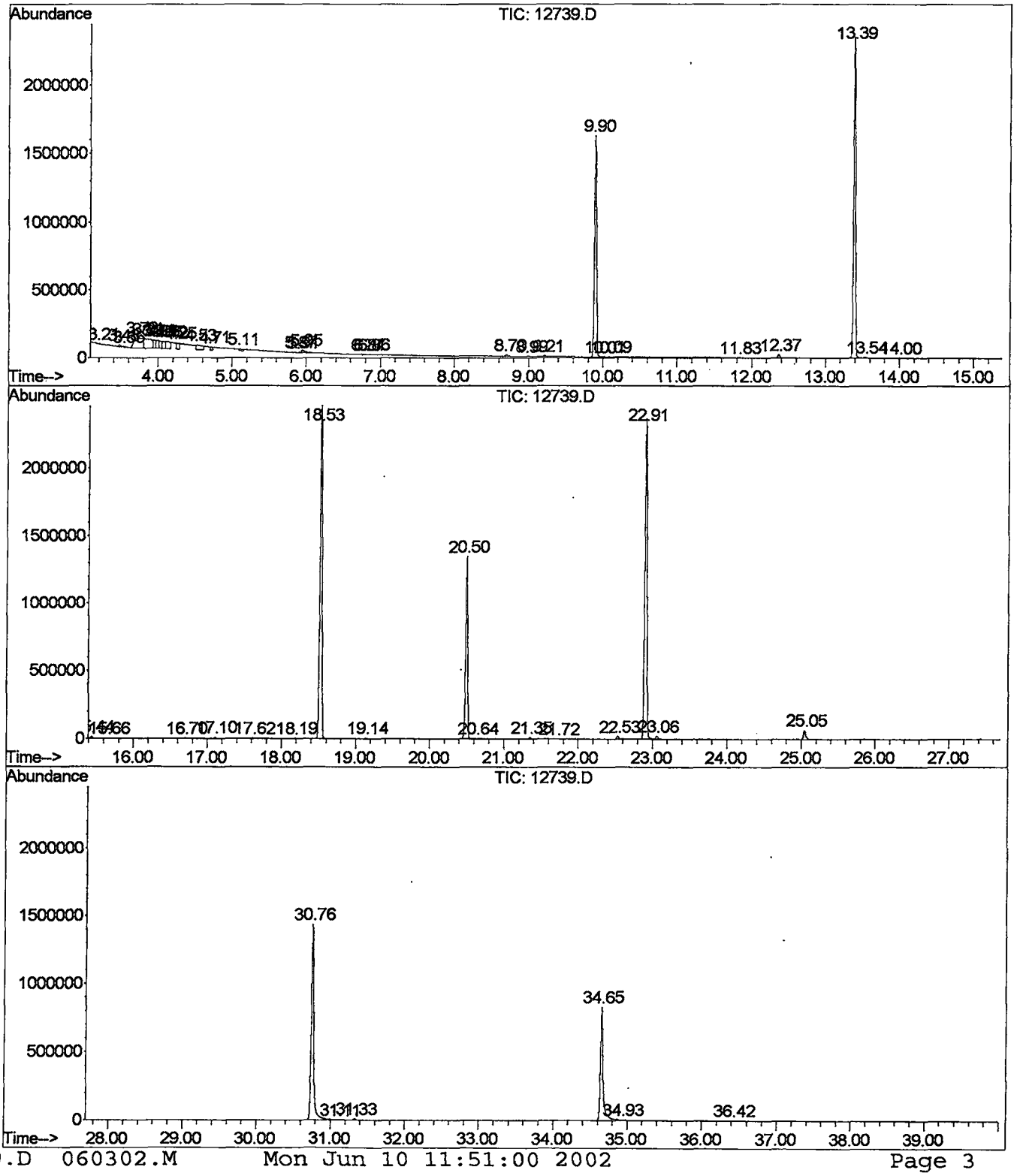
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.214	21	23	30	PV 3	2577	23824	0.05%	0.009%
2	3.479	63	68	78	PV 4	13104	303009	0.63%	0.109%
3	3.549	78	80	83	VV 3	4448	43207	0.09%	0.015%
4	3.726	92	110	124	PV 4	74081	6125896	12.66%	2.196%
5	3.814	124	125	145	VV 5	69970	4786588	9.89%	1.716%
6	3.943	145	147	151	VV 4	59941	1318605	2.73%	0.473%
7	3.984	151	154	159	VV 6	57879	1548926	3.20%	0.555%
8	4.025	159	161	166	VV 4	55047	1235676	2.55%	0.443%
9	4.061	166	167	174	VV 5	52185	1414999	2.92%	0.507%
10	4.119	174	177	186	VV 7	53645	2134915	4.41%	0.765%
11	4.249	198	199	206	VV 4	43677	1169712	2.42%	0.419%
12	4.525	244	246	261	VV 8	34868	1783895	3.69%	0.639%
13	4.713	276	278	282	VV 4	22372	426647	0.88%	0.153%
14	5.106	343	345	353	VV 4	13383	361505	0.75%	0.130%
15	5.876	474	476	478	VV 2	2962	21394	0.04%	0.008%
16	5.911	478	482	484	PV 5	2495	33430	0.07%	0.012%
17	5.947	484	488	513	VV	21767	640676	1.32%	0.230%
18	6.769	626	628	632	PV 5	2324	27100	0.06%	0.010%
19	6.804	632	634	640	VV 6	2758	44608	0.09%	0.016%
20	6.863	640	644	649	VV 6	2439	34350	0.07%	0.012%
21	8.702	951	957	970	PV 2	11497	262446	0.54%	0.094%
22	8.990	1002	1006	1013	VV 6	2707	75250	0.16%	0.027%
23	9.213	1037	1044	1055	VV 4	7414	151692	0.31%	0.054%
24	9.895	1146	1160	1178	PV	1617082	31870204	65.87%	11.423%
25	10.007	1178	1179	1189	VV 6	2807	70797	0.15%	0.025%
26	10.089	1189	1193	1201	VV 8	2568	57351	0.12%	0.021%
27	11.828	1484	1489	1498	PV 7	2195	41744	0.09%	0.015%
28	12.369	1573	1581	1586	PV 2	23261	354766	0.73%	0.127%
29	13.391	1738	1755	1776	PV	2330894	42997222	88.86%	15.411%
30	13.544	1776	1781	1787	VV 3	6511	110461	0.23%	0.040%
31	14.002	1855	1859	1868	VV 3	2384	39818	0.08%	0.014%
32	15.441	2098	2104	2121	VV	12145	202286	0.42%	0.073%
33	15.653	2136	2140	2145	PV 7	2088	39825	0.08%	0.014%
34	16.699	2314	2318	2324	PV 3	3665	58196	0.12%	0.021%
35	17.104	2376	2387	2395	PV 4	8491	145375	0.30%	0.052%
36	17.615	2465	2474	2483	PV 4	4471	77284	0.16%	0.028%
37	18.191	2559	2572	2577	VV 3	4194	77483	0.16%	0.028%

38	18.526	2619	2629	2643	PV	2452792	48243834	99.70%	17.292%
39	19.143	2728	2734	2744	VV 2	5745	99658	0.21%	0.036%
40	20.500	2953	2965	2980	PV	1331842	25198325	52.08%	9.032%
41	20.636	2983	2988	2993	VV 4	2953	50039	0.10%	0.018%
42	21.352	3099	3110	3120	PV 3	11232	190107	0.39%	0.068%
43	21.717	3165	3172	3176	PV 4	1629	26278	0.05%	0.009%
44	22.533	3301	3311	3322	PV 2	18507	345268	0.71%	0.124%
45	22.909	3363	3375	3394	PV 2	2346526	48386609	100.00%	17.343%
46	23.062	3394	3401	3414	VV	21807	456510	0.94%	0.164%
47	25.048	3729	3739	3760	PV	63874	1331125	2.75%	0.477%
48	30.753	4694	4710	4767	PV 2	1415632	32861625	67.91%	11.779%
49	31.112	4767	4771	4792	VV 5	1822	94377	0.20%	0.034%
50	31.329	4802	4808	4821	PV 3	9927	223321	0.46%	0.080%
51	34.655	5349	5374	5419	BV 2	821755	21217450	43.85%	7.605%
52	34.931	5419	5421	5441	VV 9	3816	146700	0.30%	0.053%
53	36.417	5667	5674	5677	PV 6	886	12144	0.03%	0.004%

Sum of corrected areas: 278994532

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060702\12739.D
Operator :
Acquired : 7 Jun 2002 7:58 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name:
Misc Info :
Vial Number: 15
Quant File :060302.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

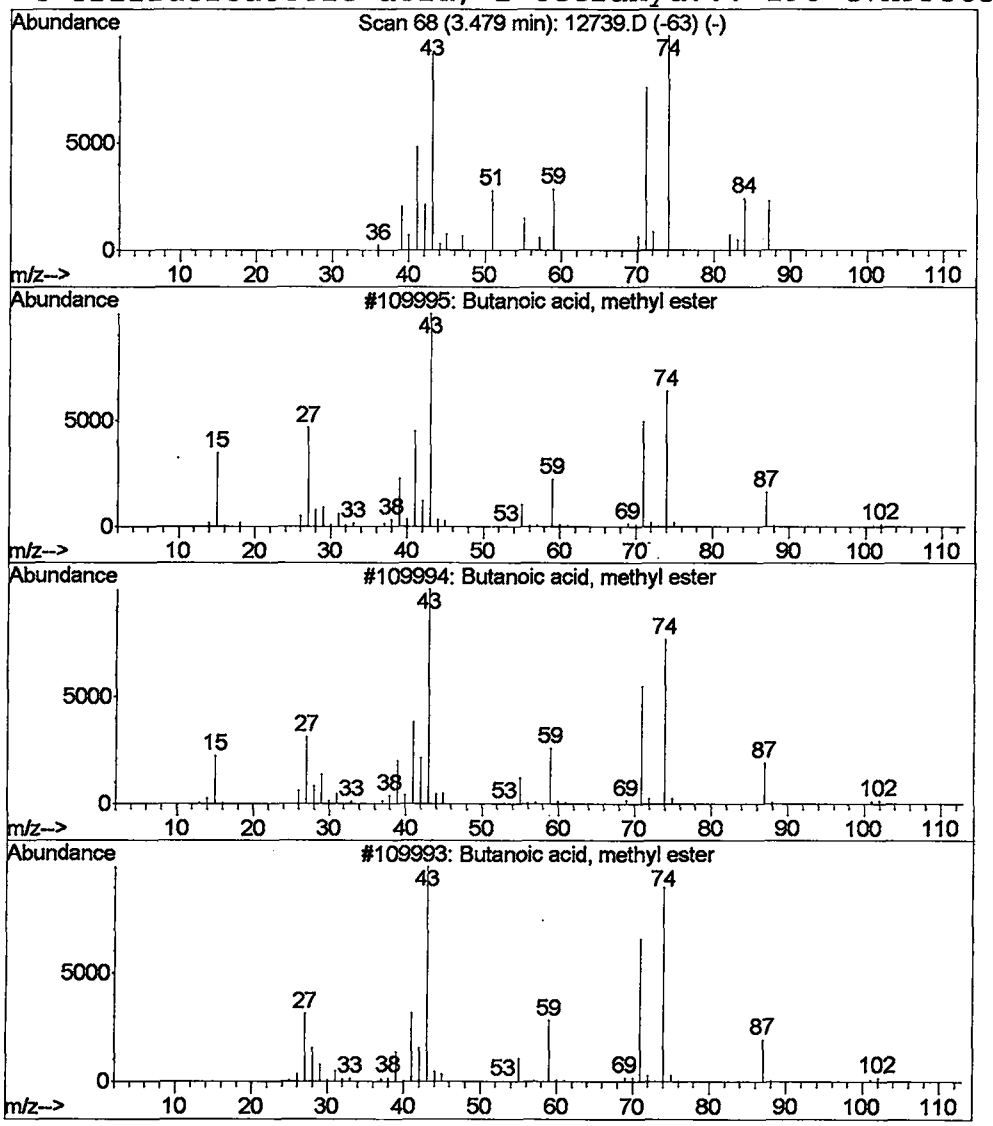
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

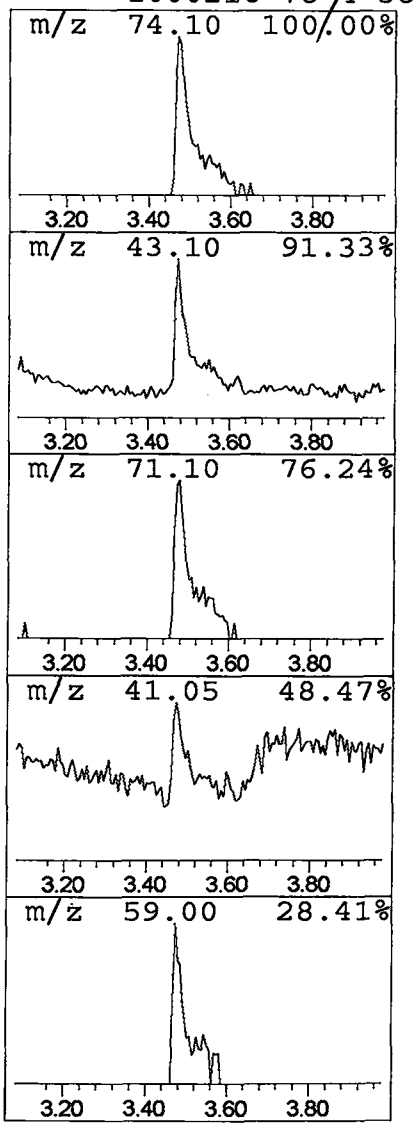
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.38 ug/L	303009	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	64
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
4	Trifluoroacetic acid, 2-tetrahyd...	198	C7H9F3O3	1000216-78-4	38





Library Search Compound Report

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Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

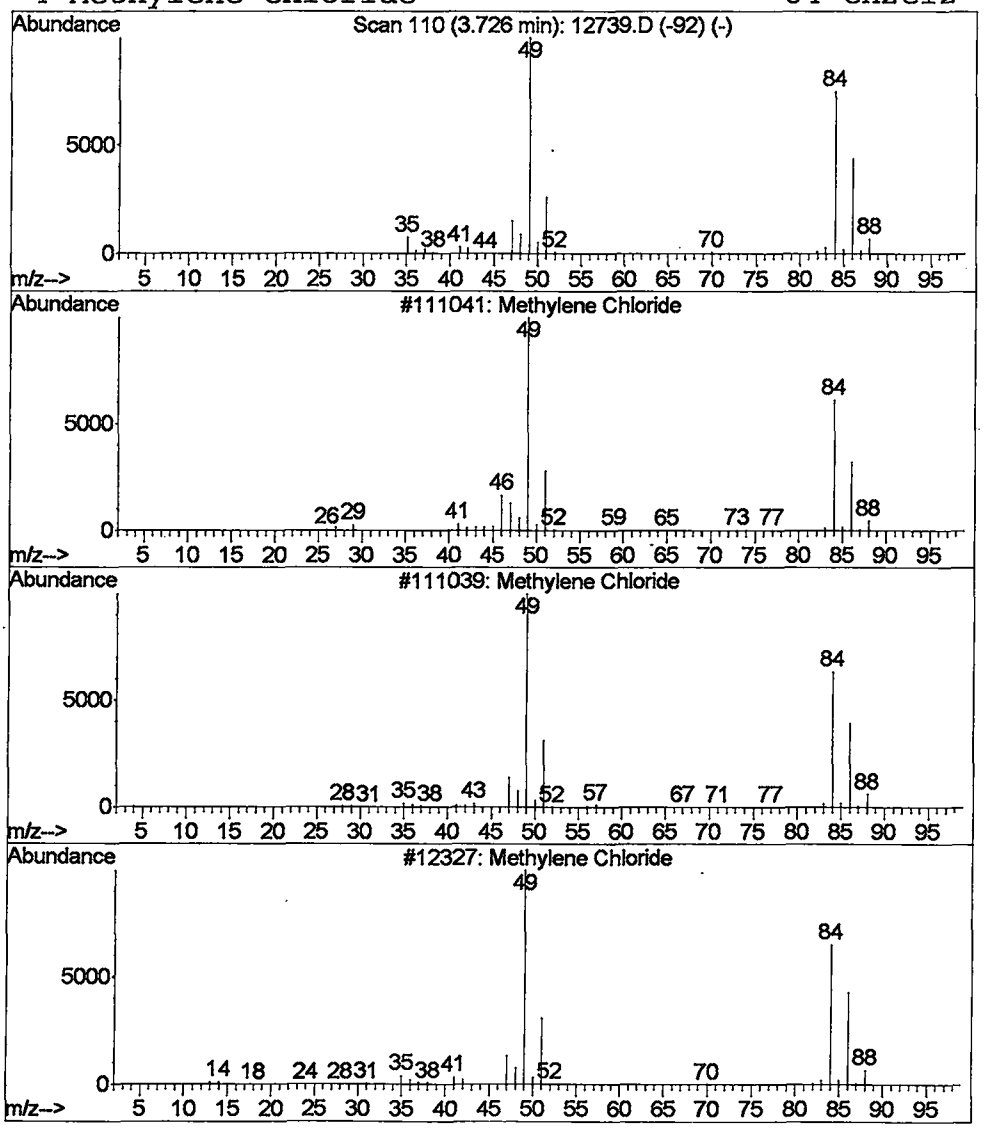
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

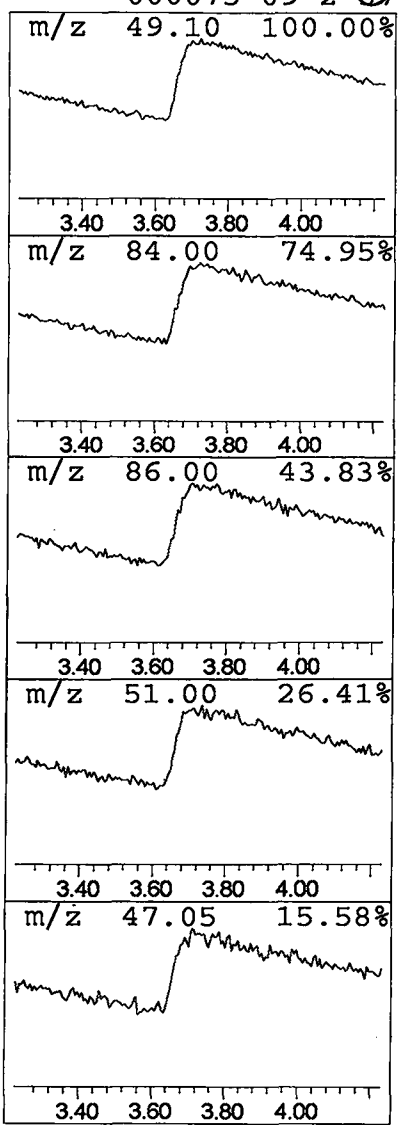
****

Peak Number 2 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	7.69 ug/L	6125900	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	94
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	94
4	Methylene Chloride	84	CH2Cl2	000075-09-2	37





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Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

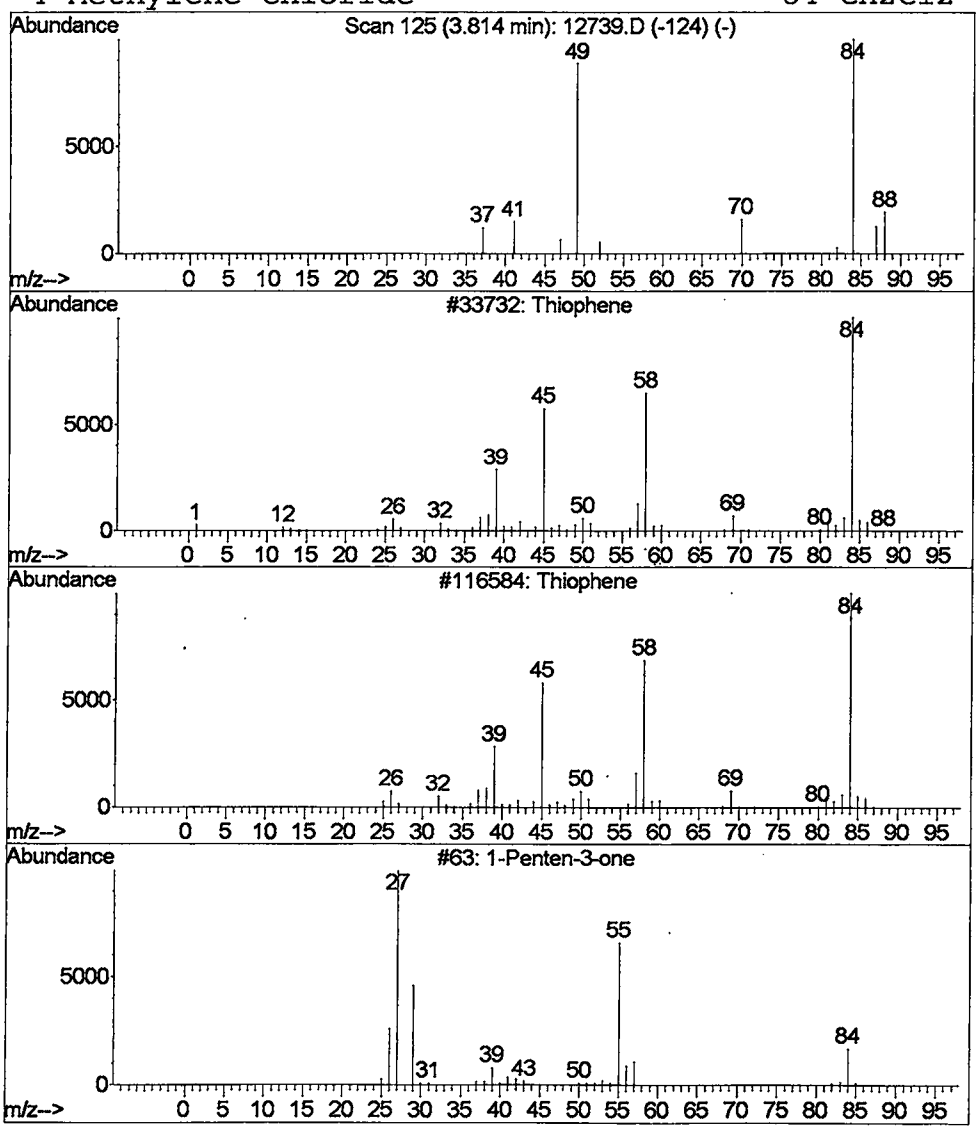
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

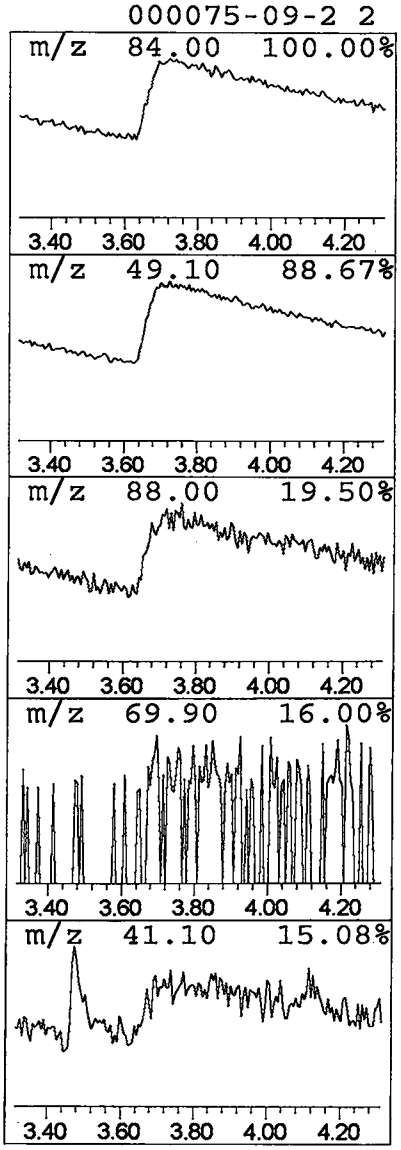
****

Peak Number 3 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	6.01 ug/L	4786590	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	4
2	Thiophene	84	C4H4S	000110-02-1	4
3	1-Penten-3-one	84	C5H8O	001629-58-9	3
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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

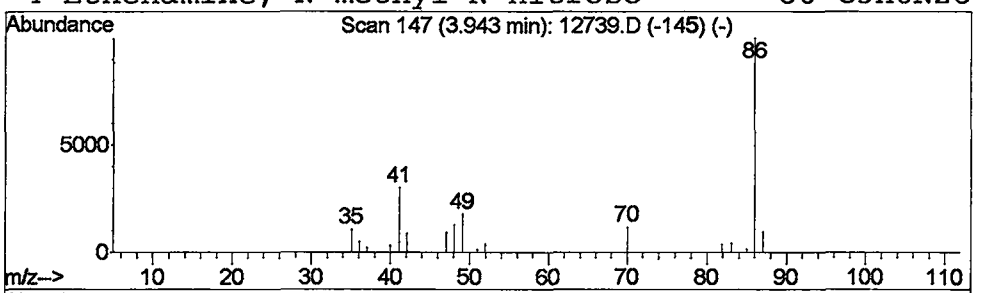
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

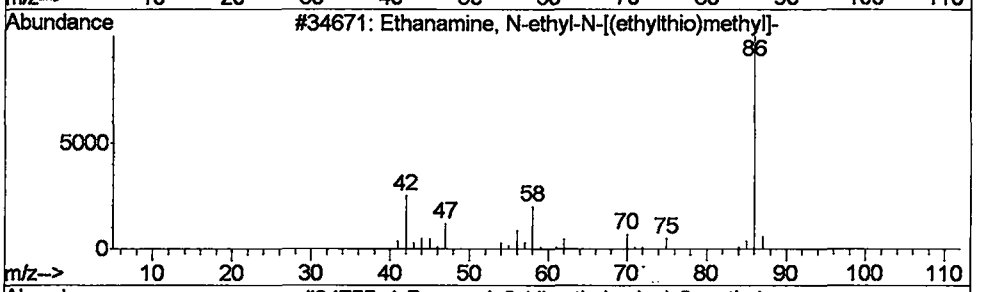
****

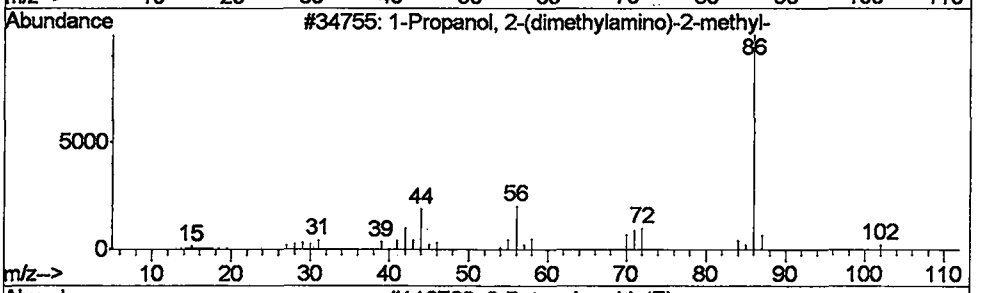
Peak Number 4 Ethanamine, N-ethyl-N-[(eth... Concentration Rank 7

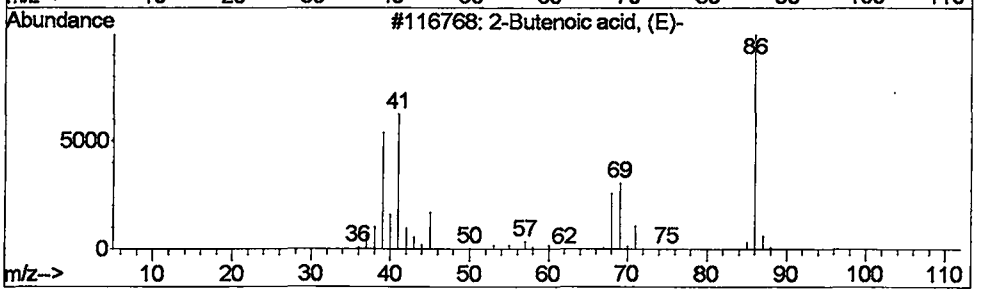
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	1.65 ug/L	1318610	1,4-dichlorobenzene-d4	9.90

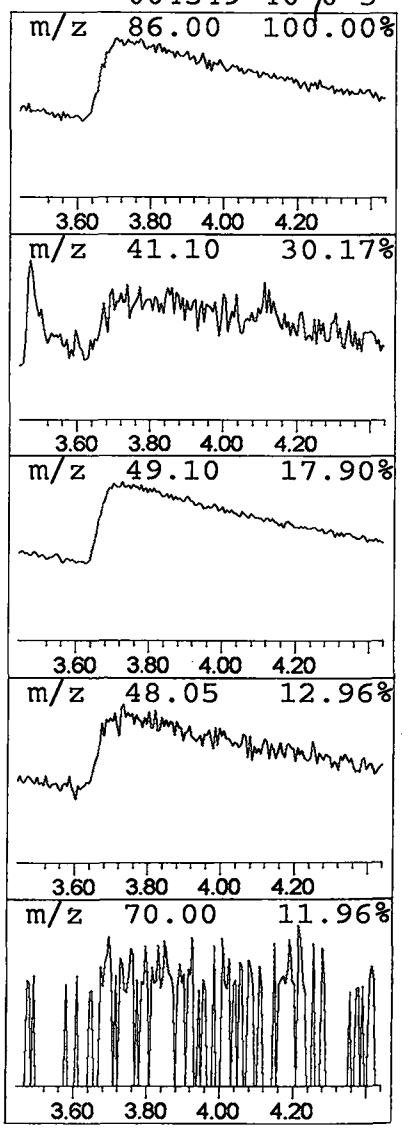
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-ethyl-N-[(ethylthi...	147	C7H17NS	003492-79-3	9
2	1-Propanol, 2-(dimethylamino)-2-...	117	C6H15NO	007005-47-2	9
3	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	7
4	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5











Library Search Compound Report

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Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

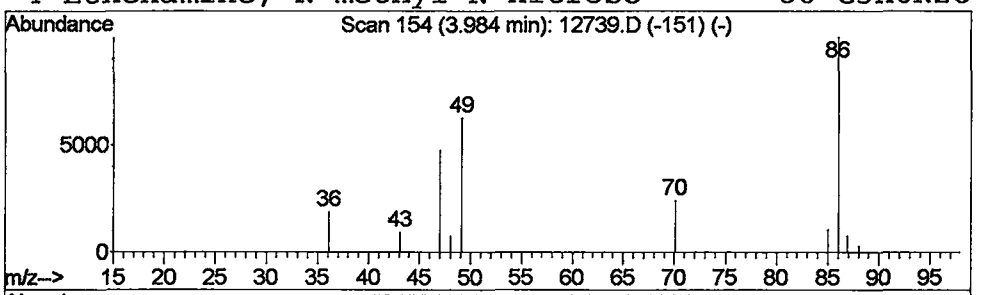
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

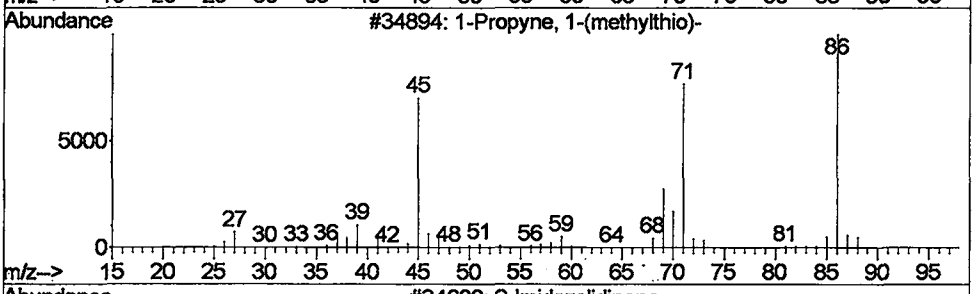
****

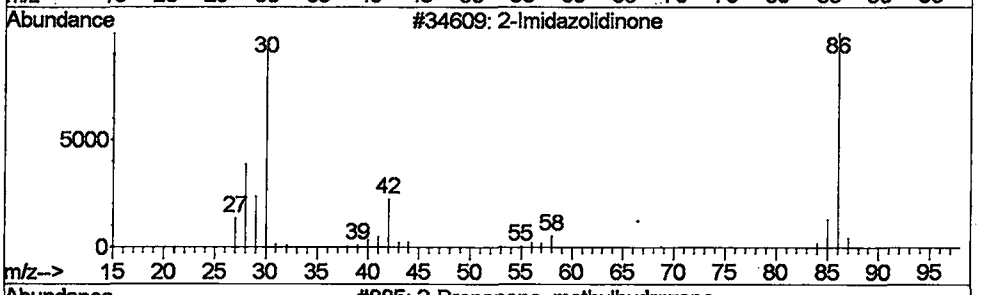
Peak Number 5 1-Propyne, 1-(methylthio)- Concentration Rank 5

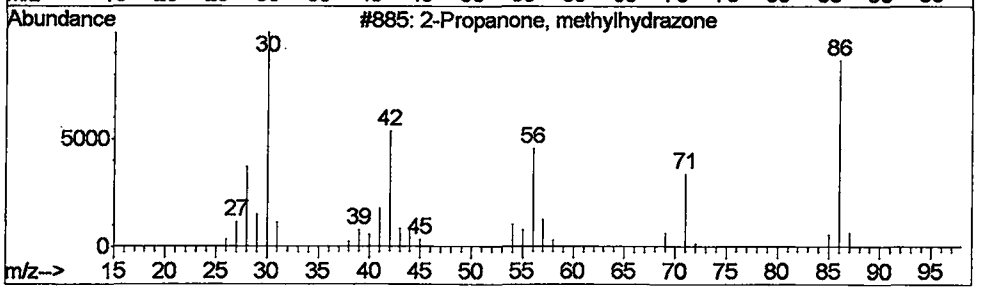
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.94 ug/L	1548930	1,4-dichlorobenzene-d4	9.90

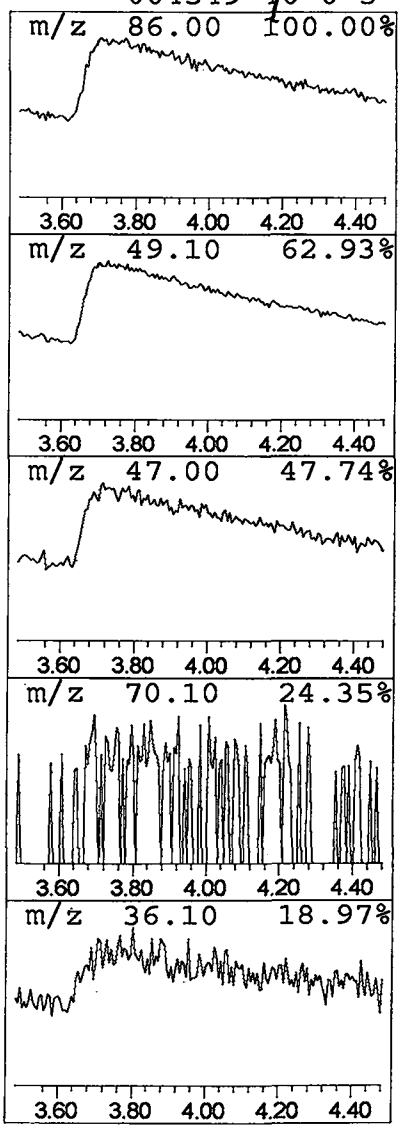
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	9
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
3	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	7
4	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5











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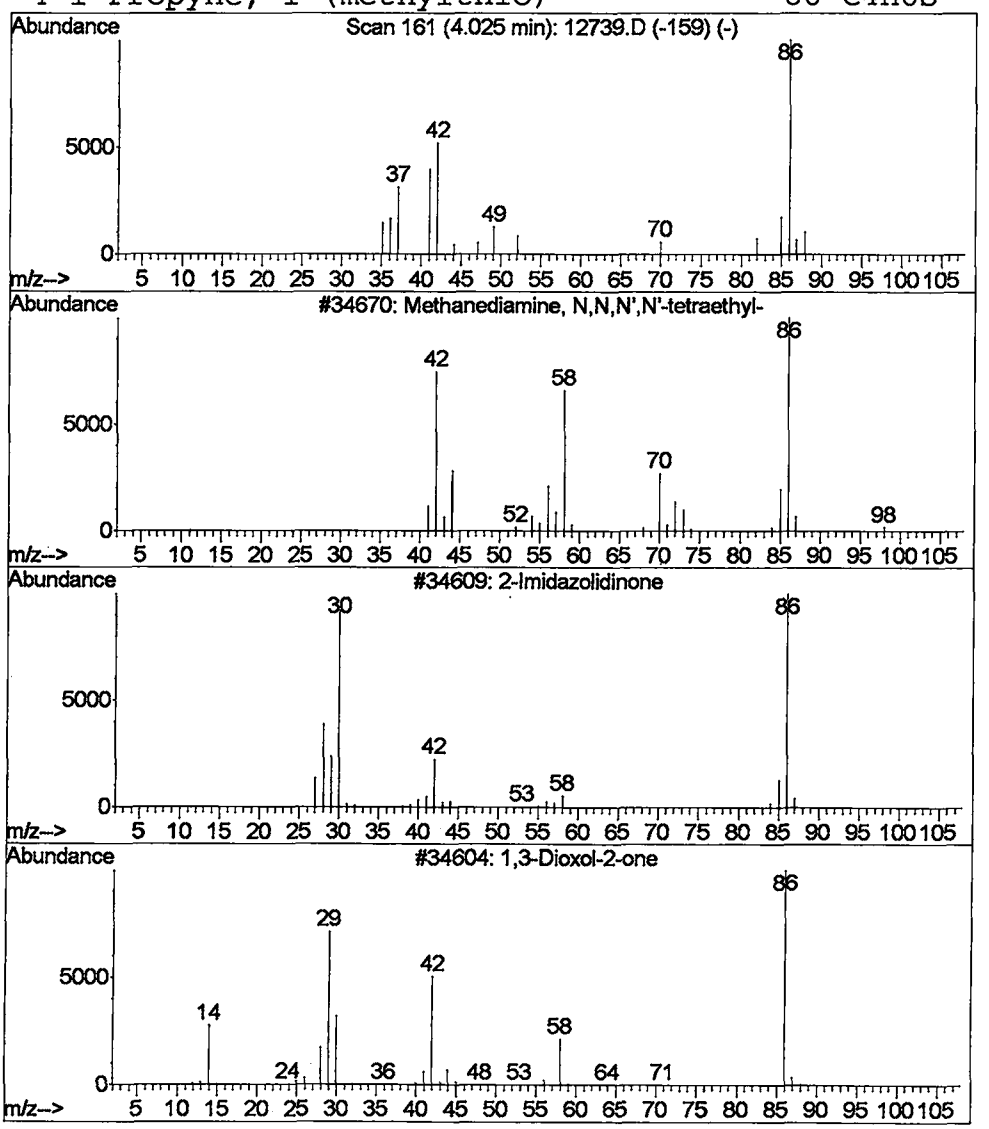
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

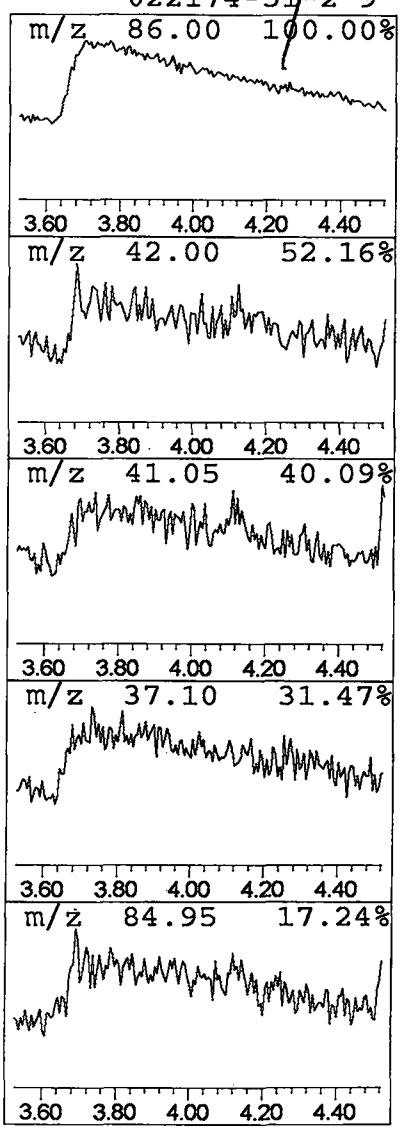
****

Peak Number 6 Methanediamine, N,N,N',N'-t... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	1.55 ug/L	1235680	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanediamine, N,N,N',N'-tetrae...	158	C9H22N2	000102-53-4	40
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	9
3	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	9
4	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	9





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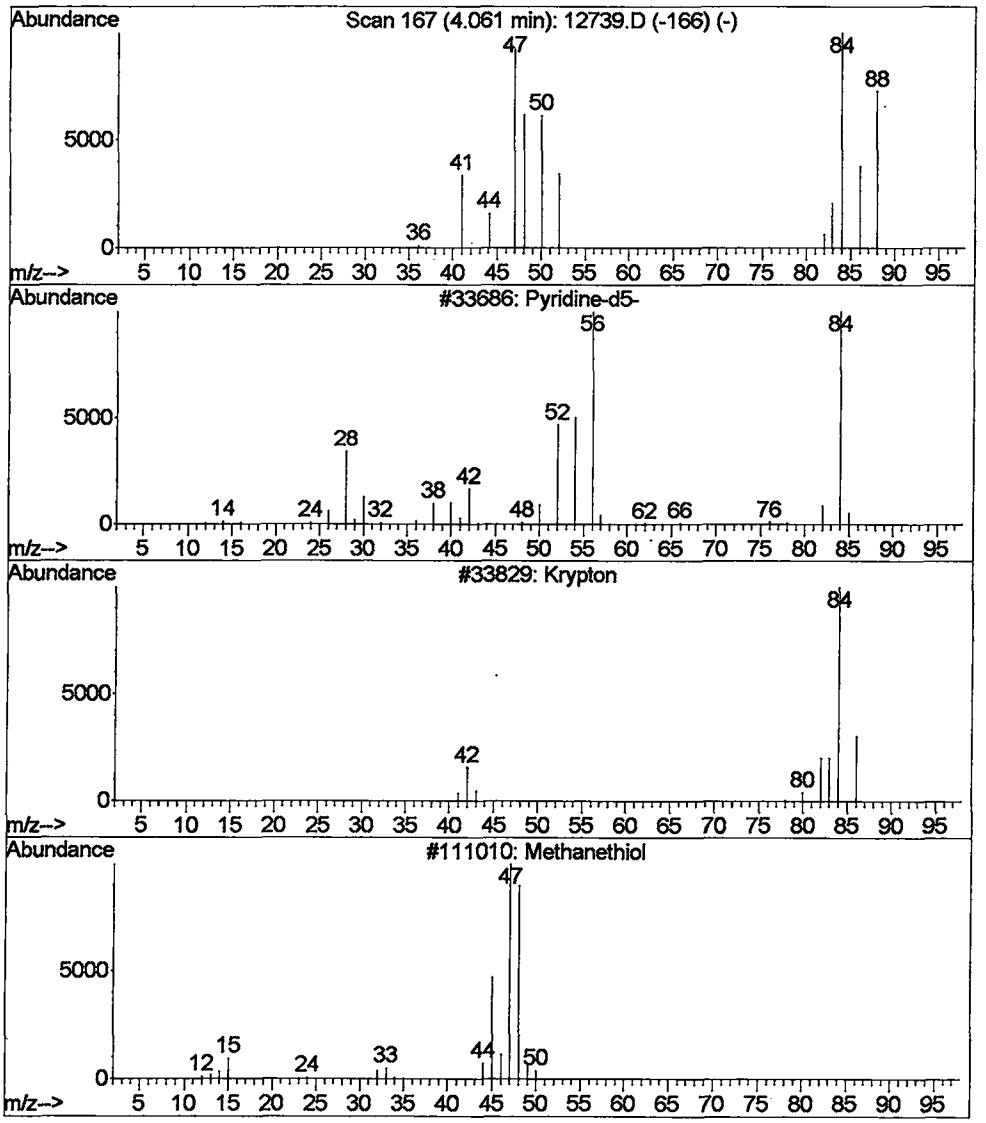
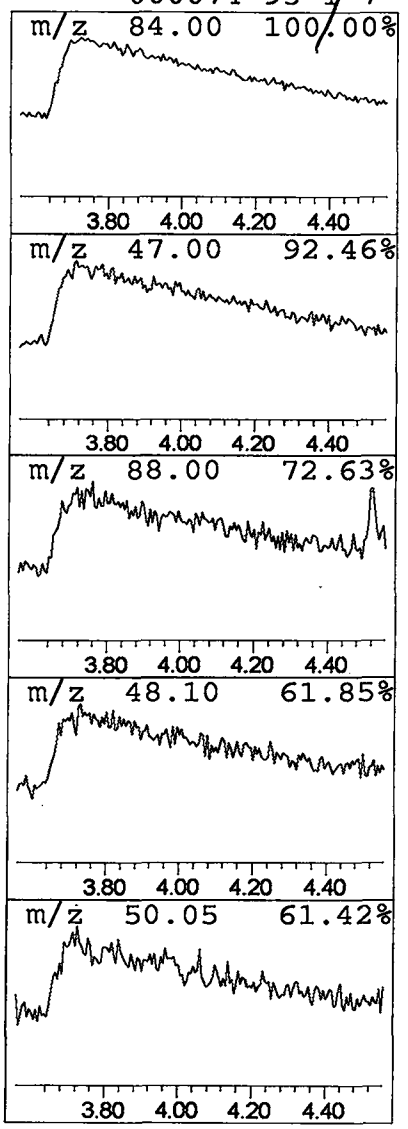
Peak Number 7 Pyridine-d5- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	1.78 ug/L	1415000	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-d5-	84	C5D5N	007291-22-7	9
2	Krypton	84	Kr	007439-90-9	9
3	Methanethiol	48	CH4S	000074-93-1	7
4	Methanethiol	48	CH4S	000074-93-1	7





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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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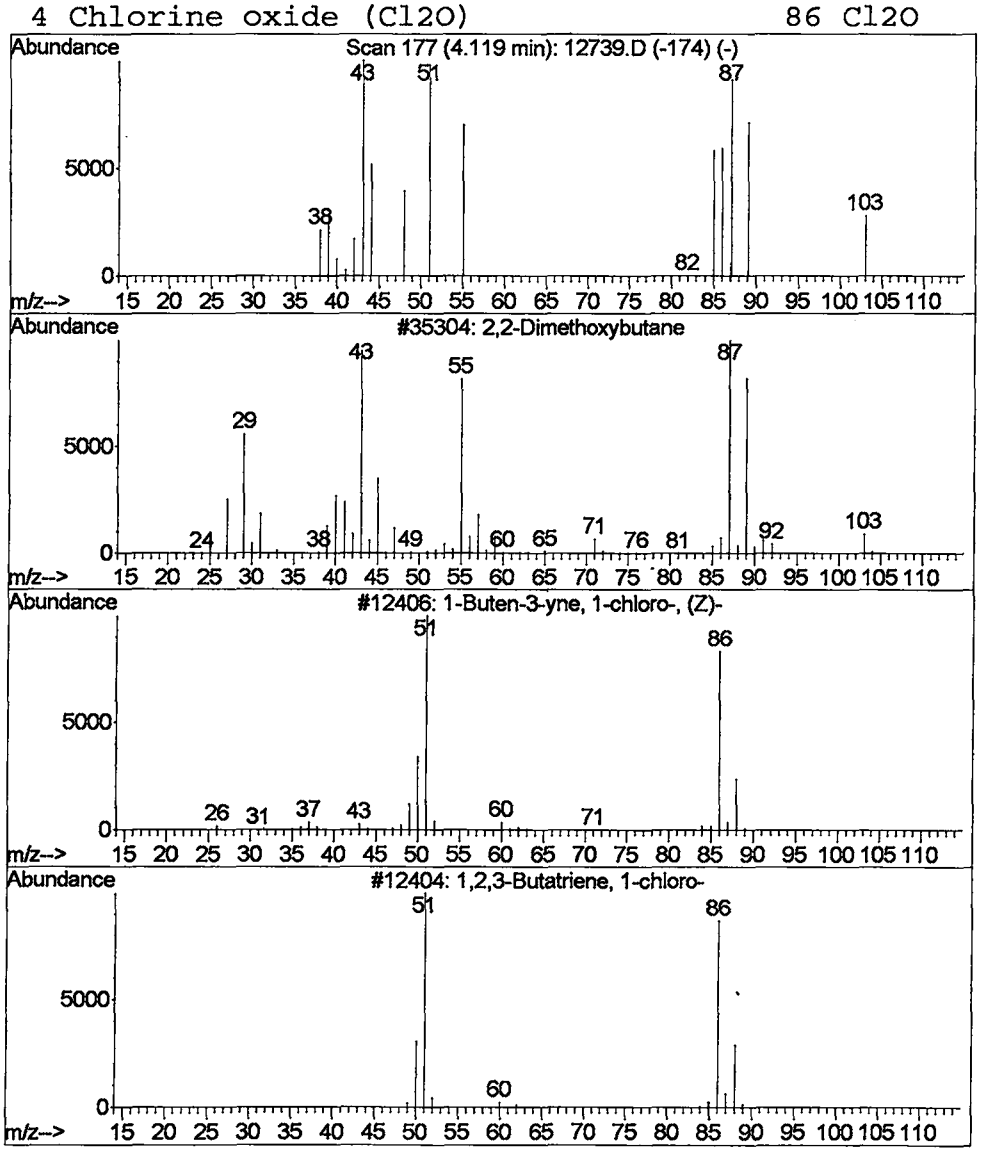
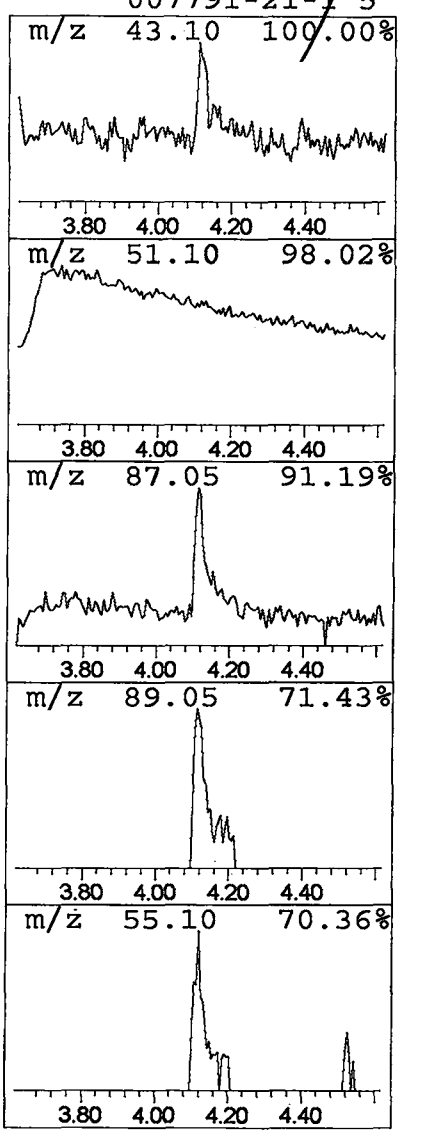
Peak Number 8 2,2-Dimethoxybutane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.68 ug/L	2134910	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	9
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
3	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	7
4	Chlorine oxide (Cl2O)	86	Cl2O	007791-21-1	5





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

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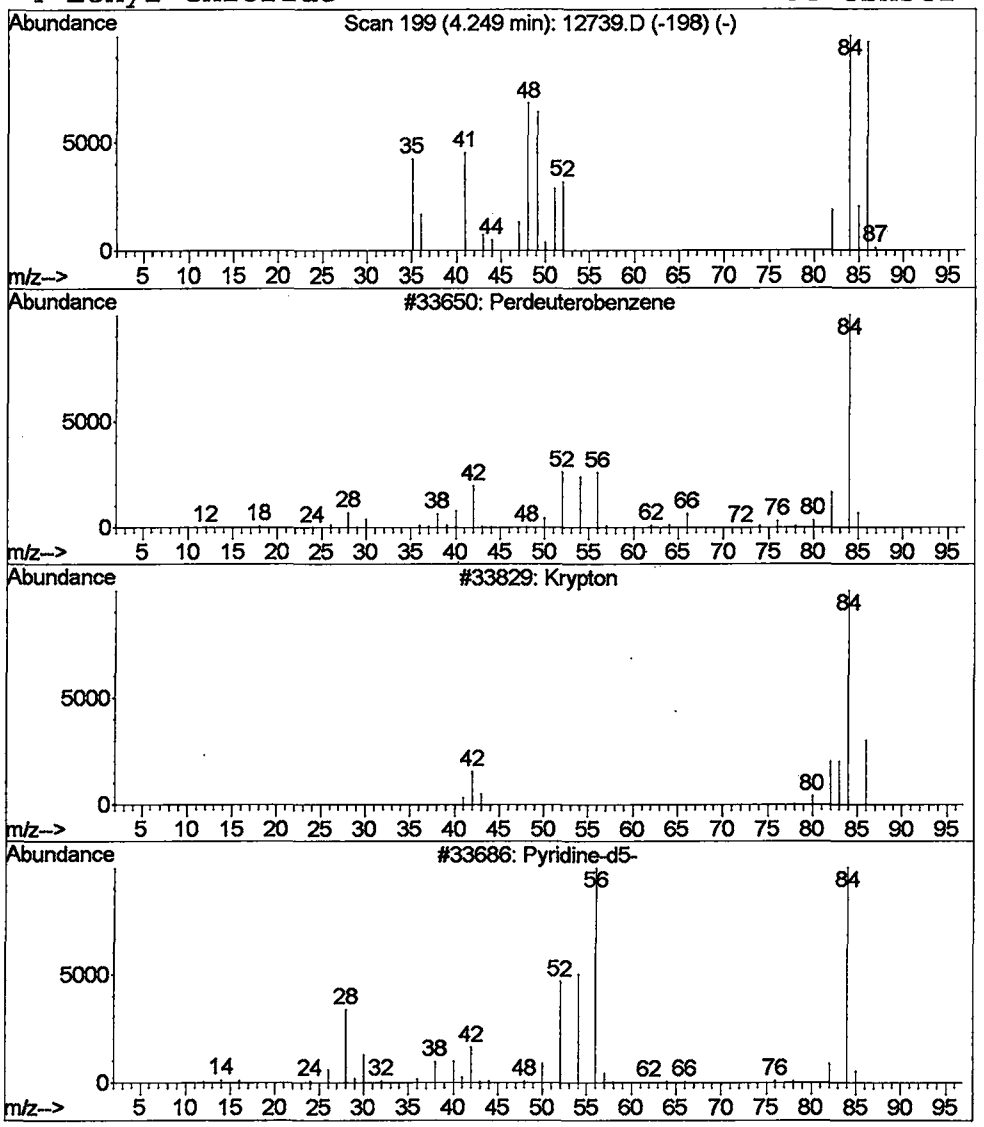
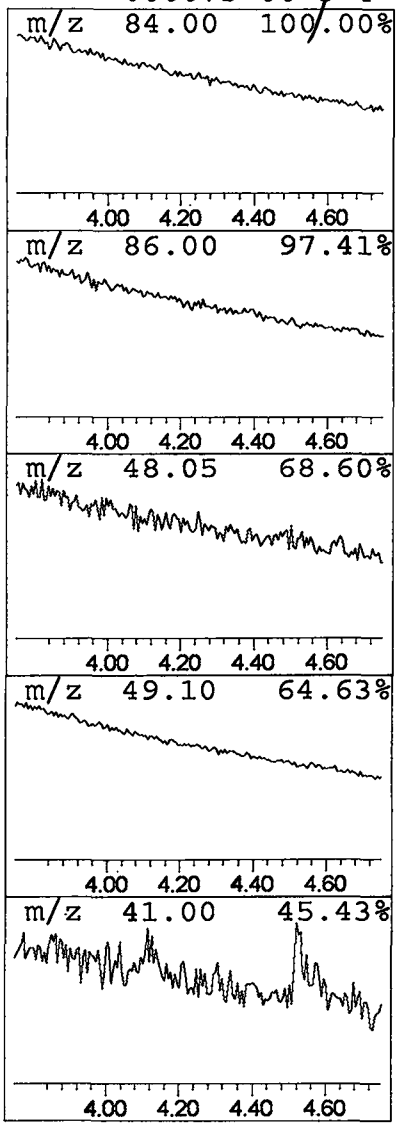
Peak Number 9 Perdeuterobenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	1.47 ug/L	1169710	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perdeuterobenzene	84	C6D6	001076-43-3	9
2	Krypton	84	Kr	007439-90-9	7
3	Pyridine-d5-	84	C5D5N	007291-22-7	5
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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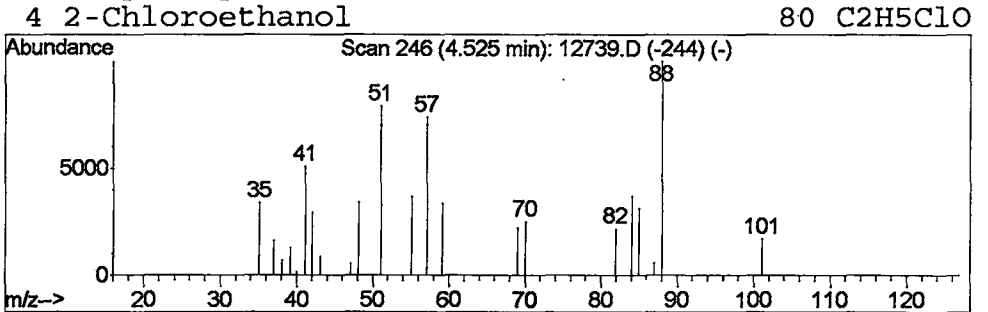
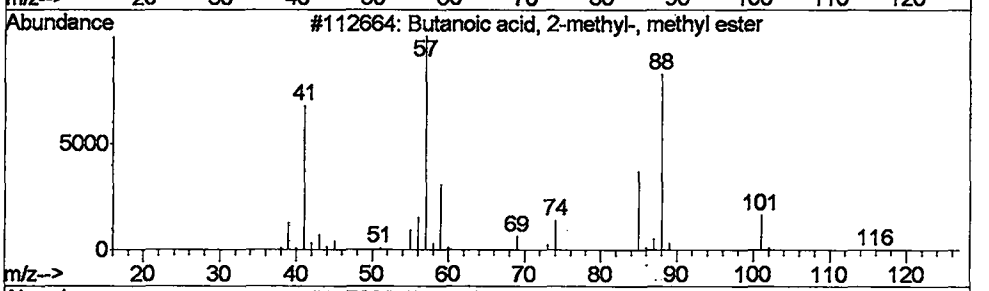
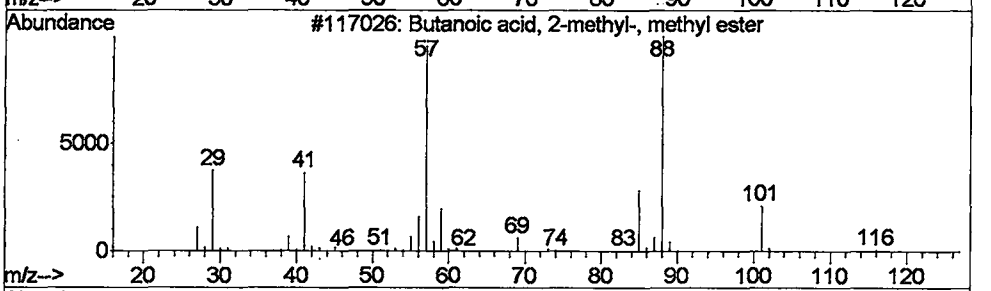
Peak Number 10 Butanoic acid, 2-methyl-, m... Concentration Rank 4

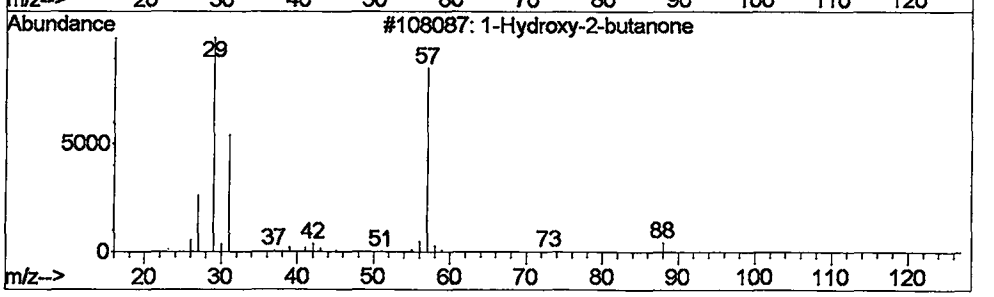
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	2.24 ug/L	1783890	1,4-dichlorobenzene-d4	9.90

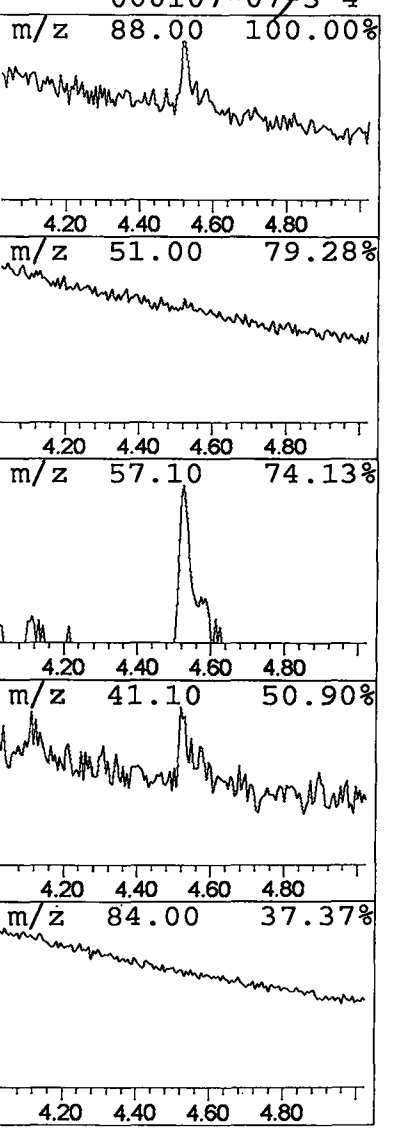
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	9
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	9
3	1-Hydroxy-2-butanone	88	C4H8O2	005077-67-8	5
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	4











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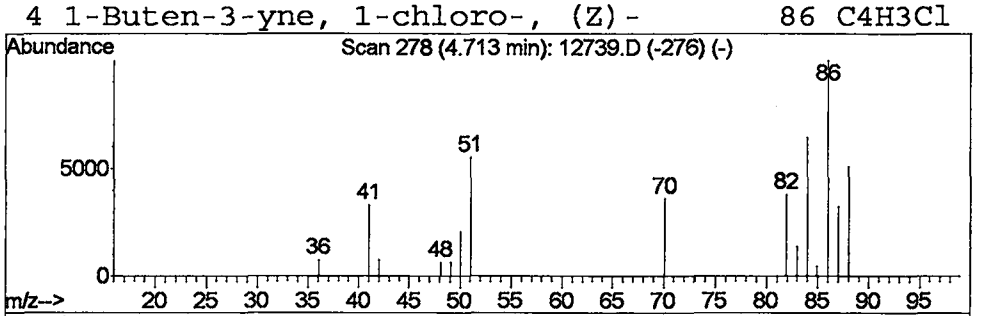
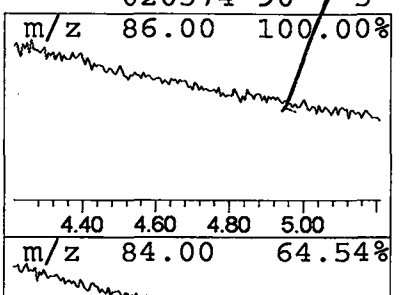
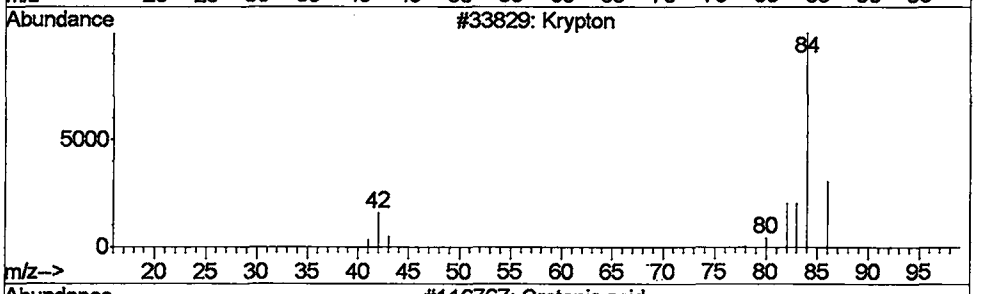
Peak Number 11 Krypton Concentration Rank 12

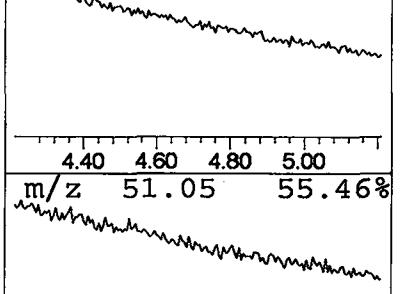
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	0.54 ug/L	426647	1,4-dichlorobenzene-d4	9.90

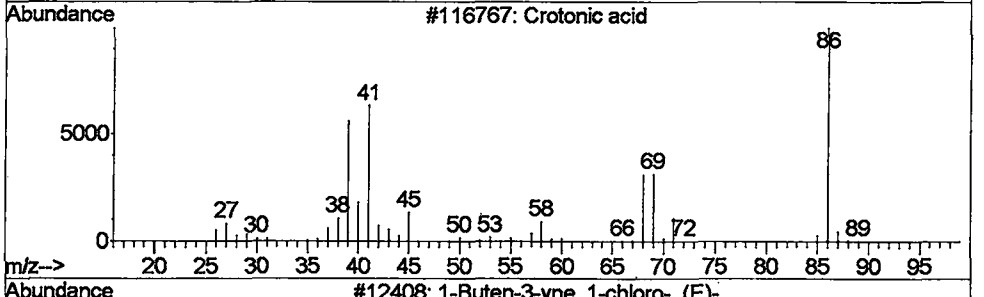
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	5
2	Crotonic acid	86	C4H6O2	003724-65-0	5
3	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	5
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	5

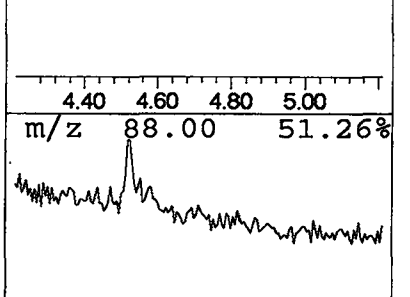


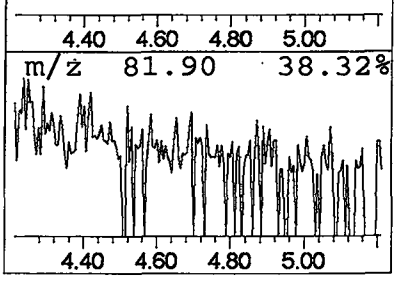


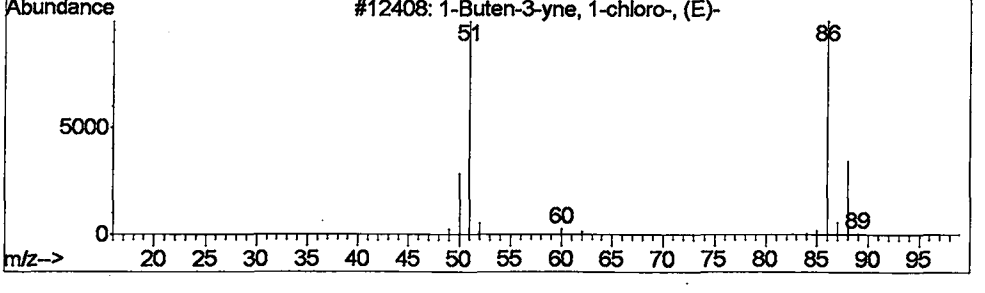












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Multiplr: 1.00

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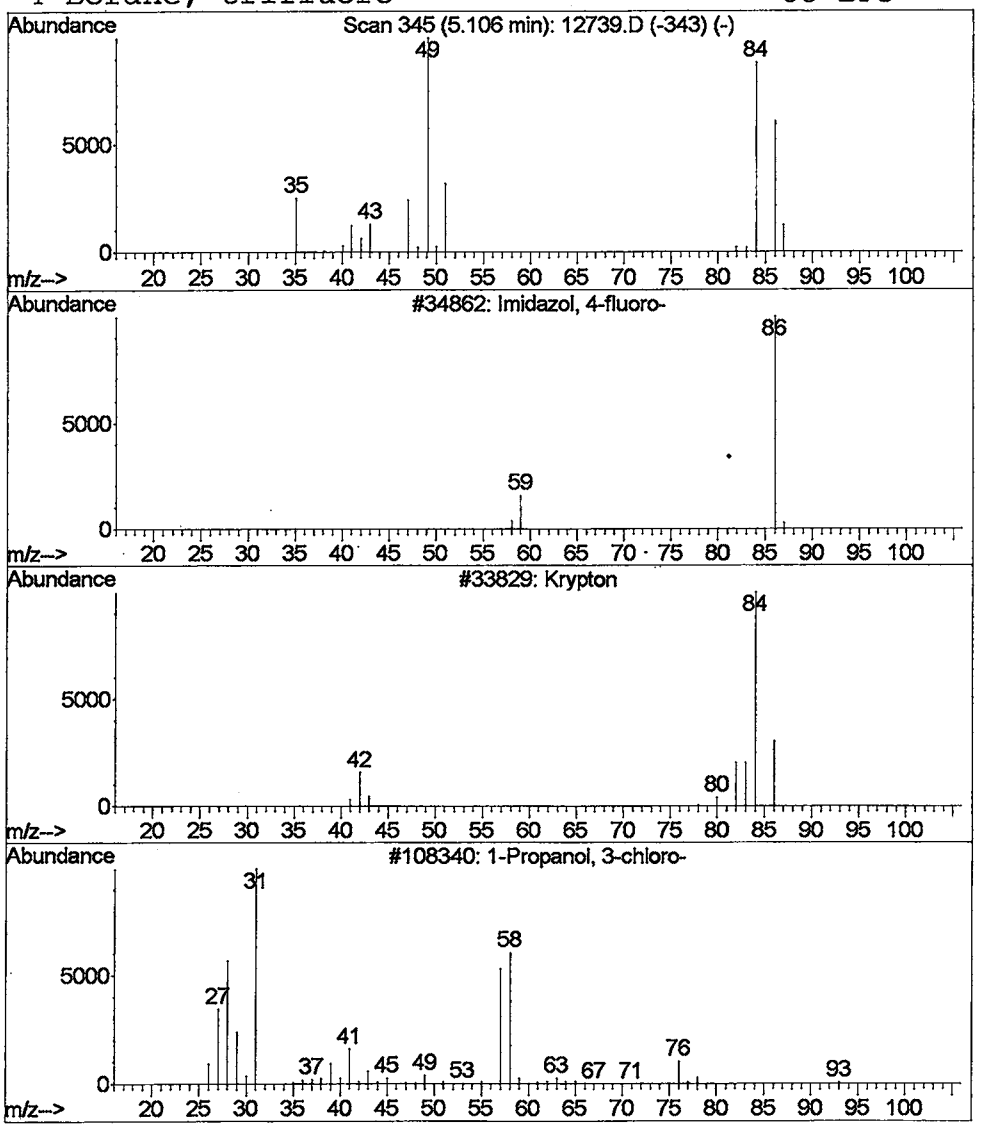
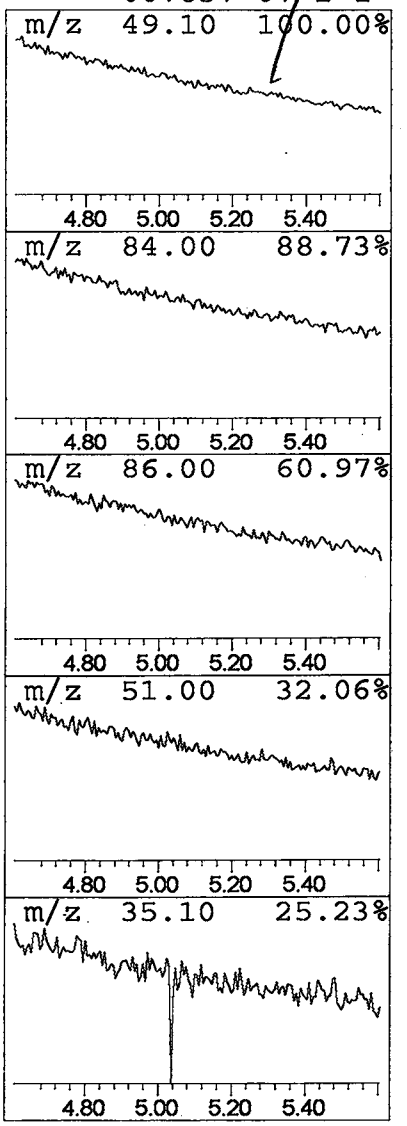
Peak Number 12 Imidazol, 4-fluoro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	0.45 ug/L	361505	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
2	Krypton	84	Kr	007439-90-9	2
3	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





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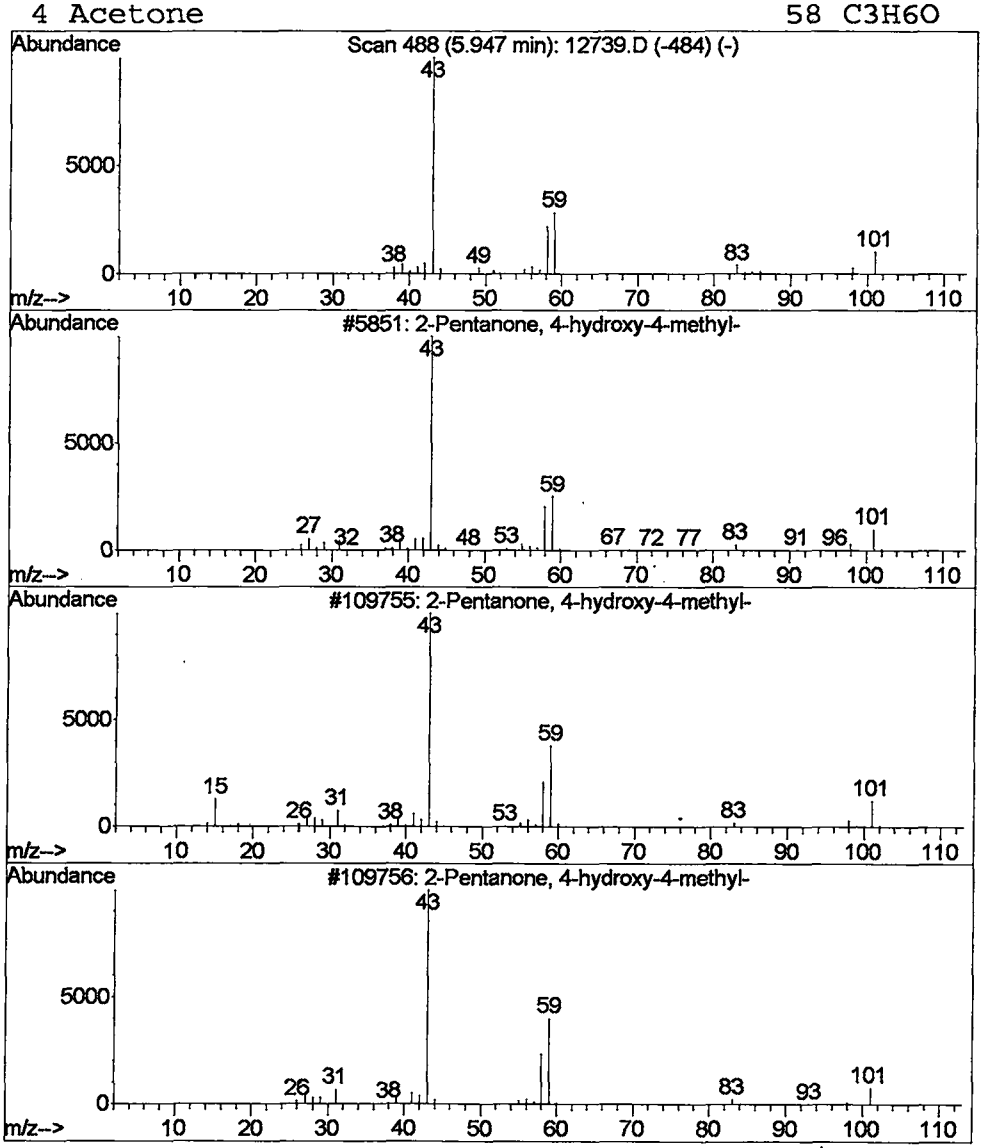
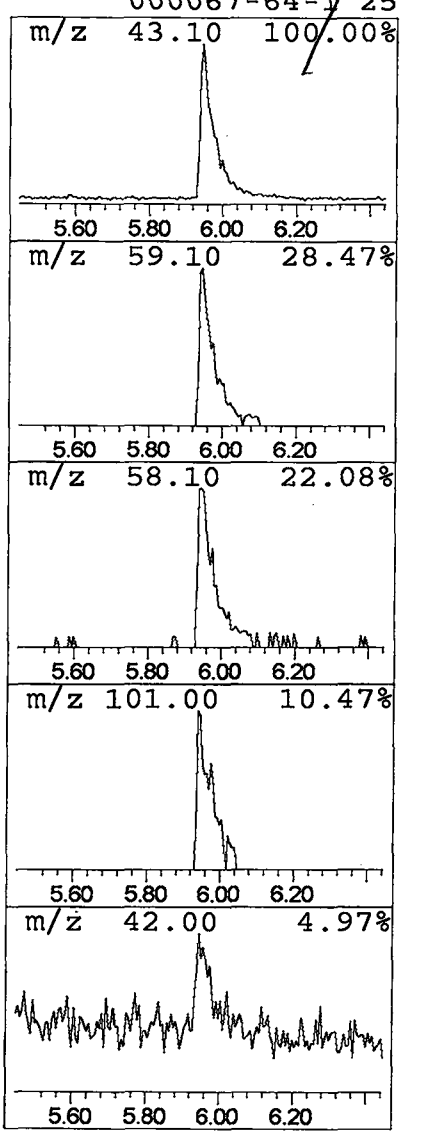
Peak Number 13 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.80 ug/L	640676	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	45
4	Acetone	58	C3H6O	000067-64-1	25





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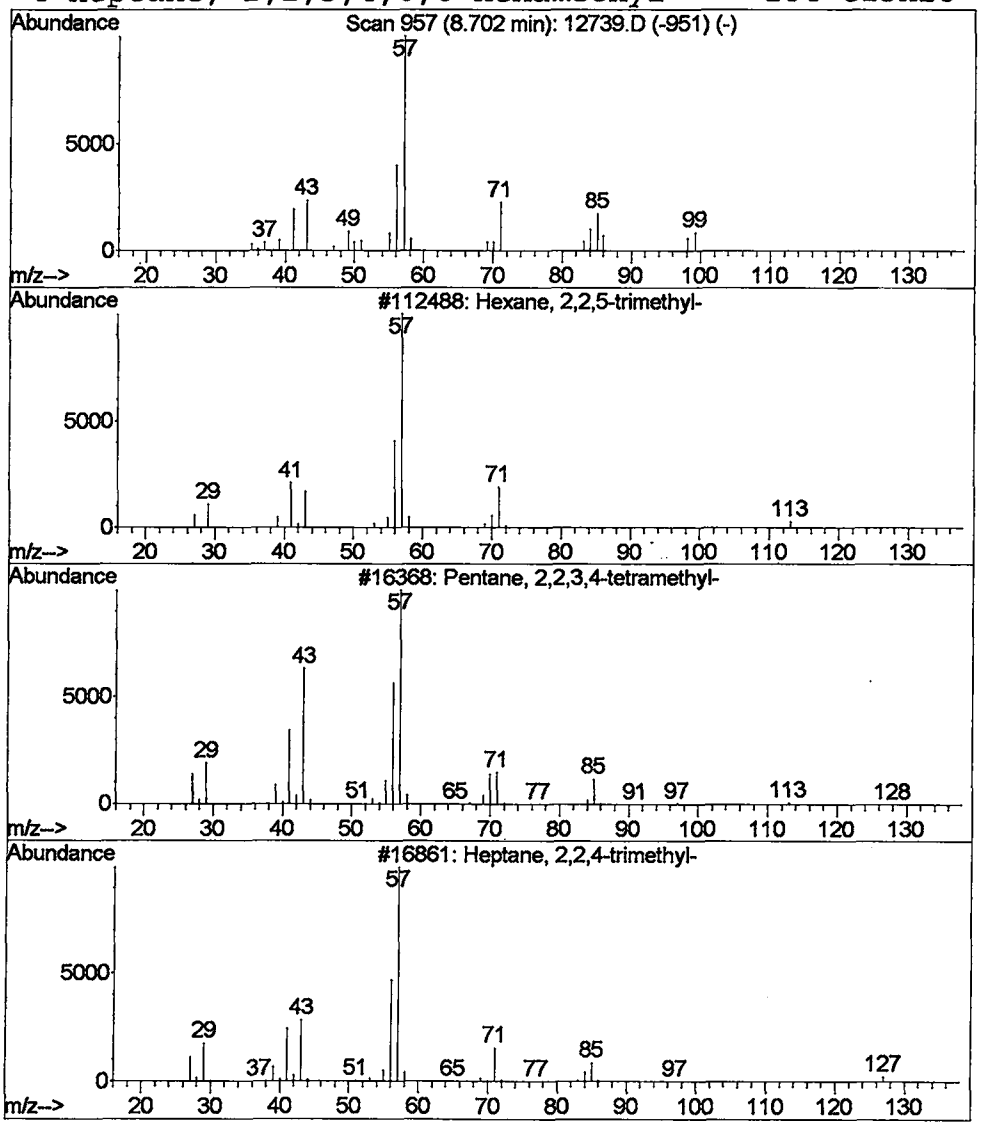
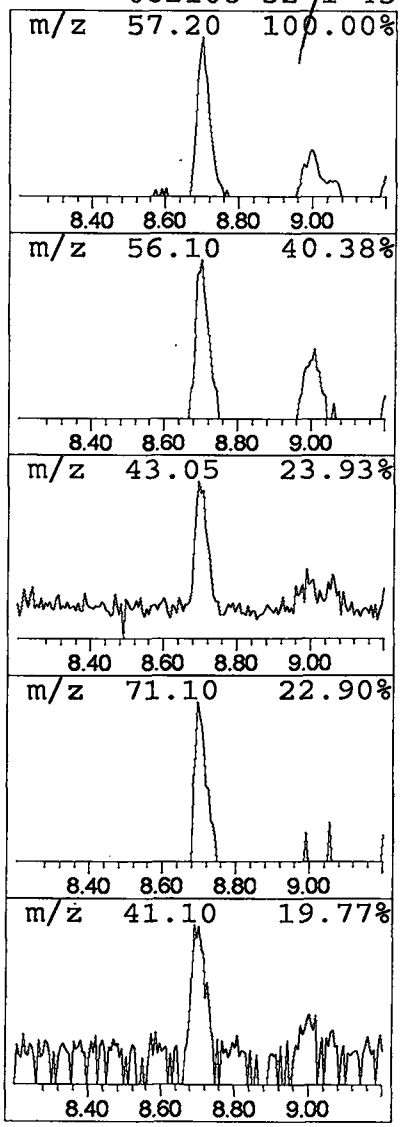
Peak Number 14 Hexane, 2,2,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	0.33 ug/L	262446	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	47
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	45
3	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	45
4	Heptane, 2,2,3,4,6,6-hexamethyl-	184	C13H28	062108-32-1	45





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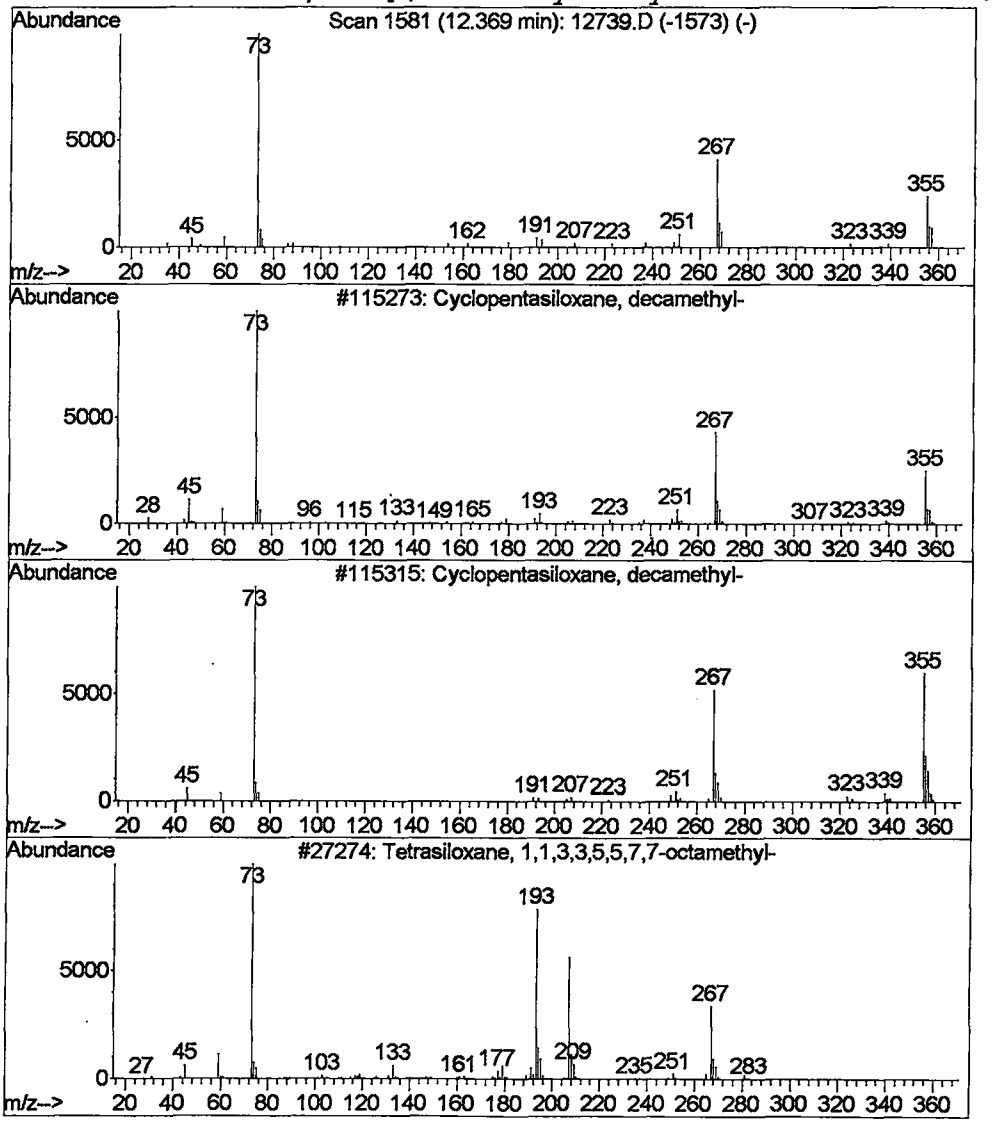
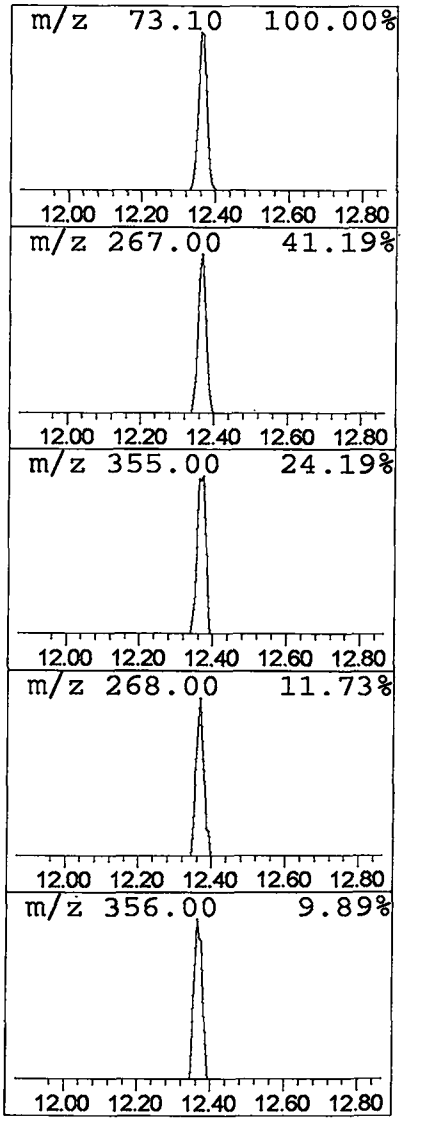
Peak Number 15 Cyclopentasiloxane, decamet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.33 ug/L	354766	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	28
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	25





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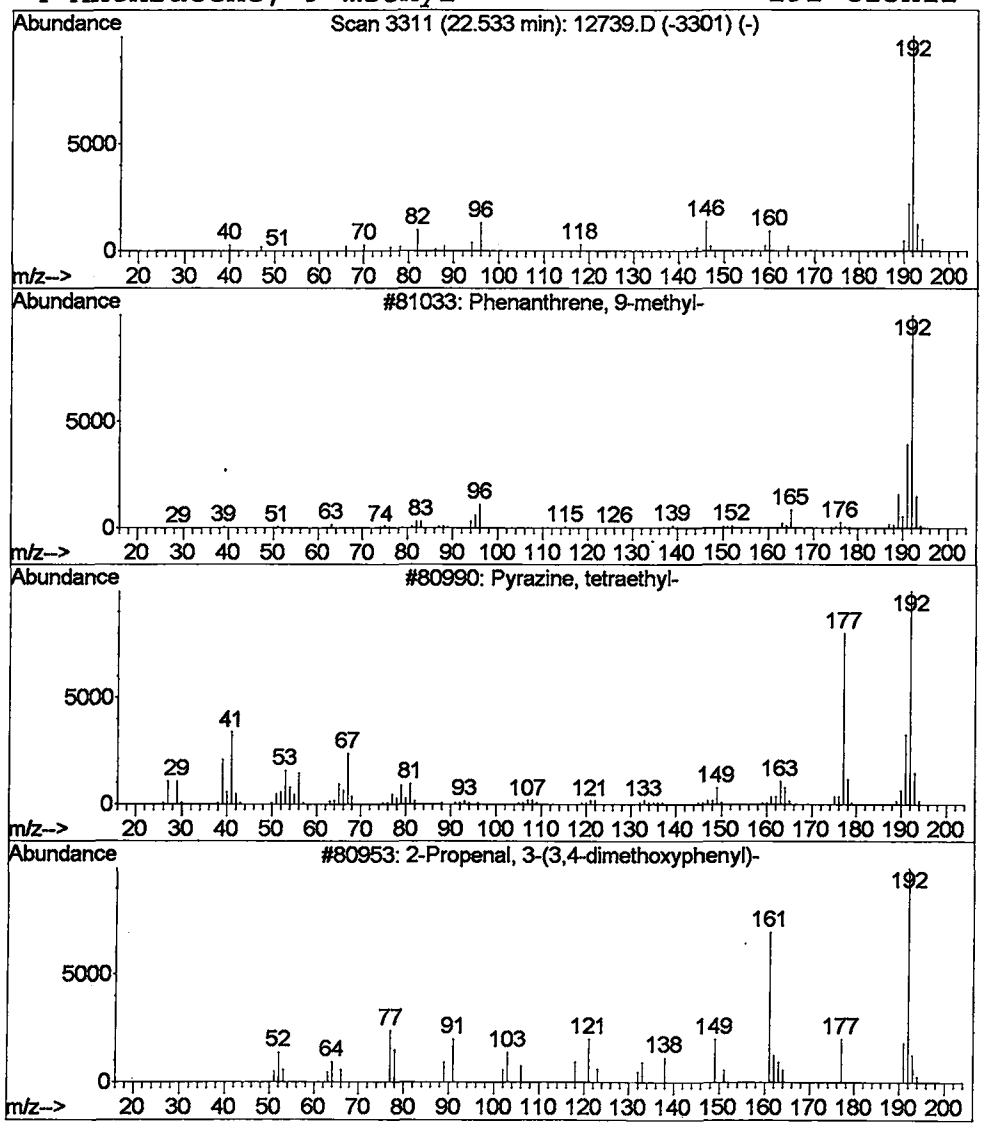
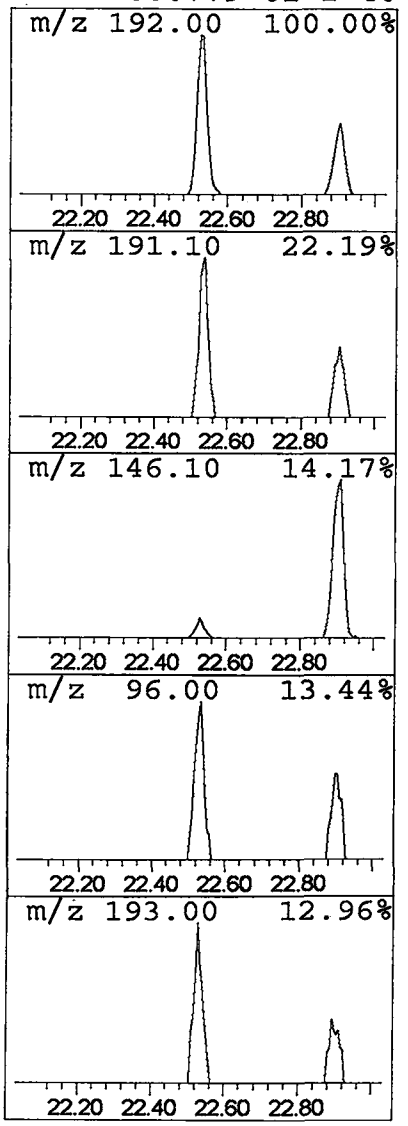
Peak Number 16 Phenanthrene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.29 ug/L	345268	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	42
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : 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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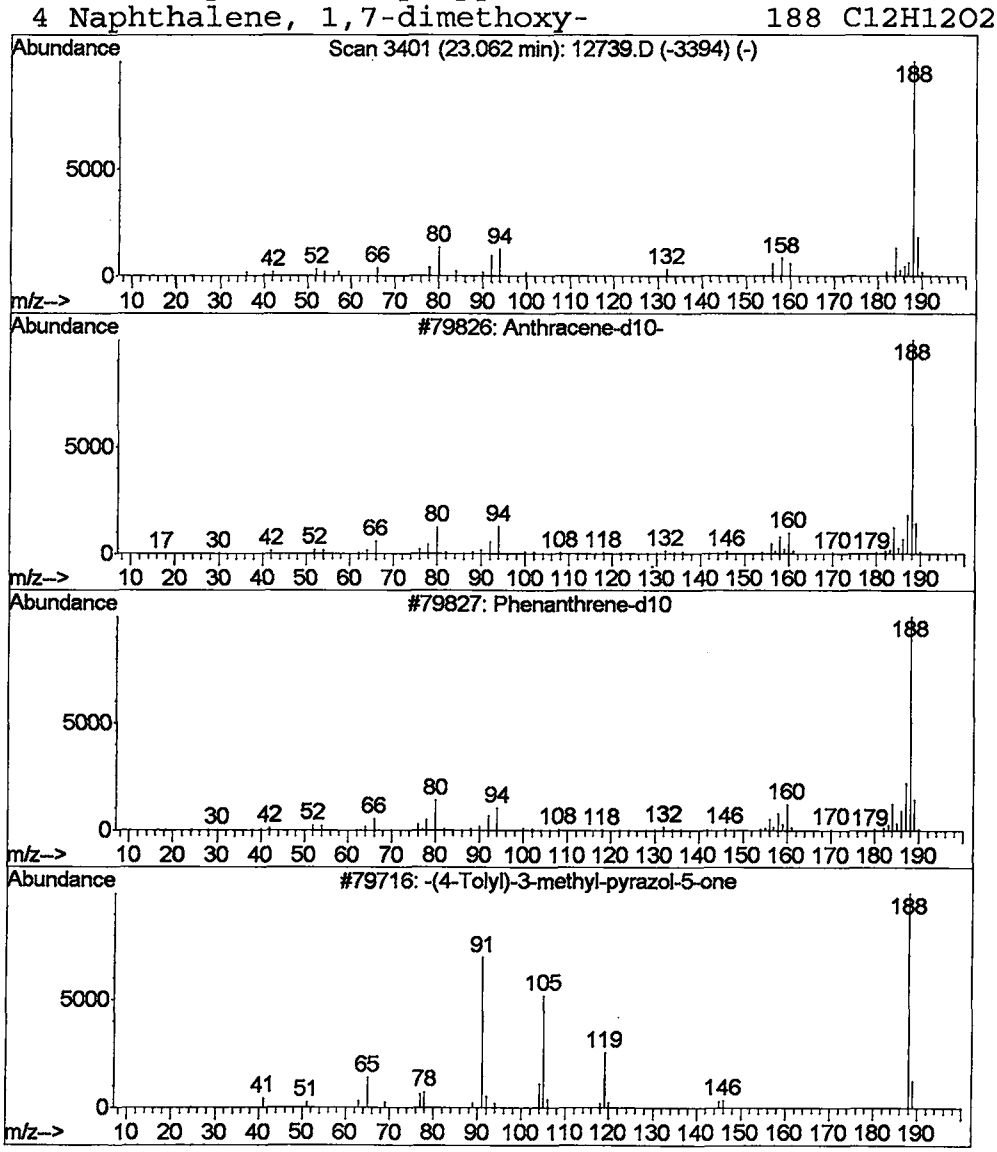
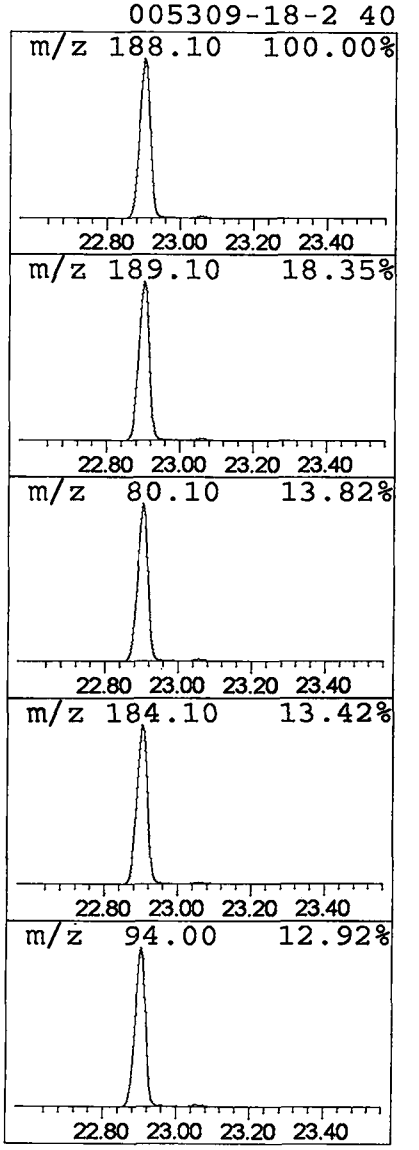
Peak Number 17 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.38 ug/L	456510	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	86
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40





Library Search Compound Report

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Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : 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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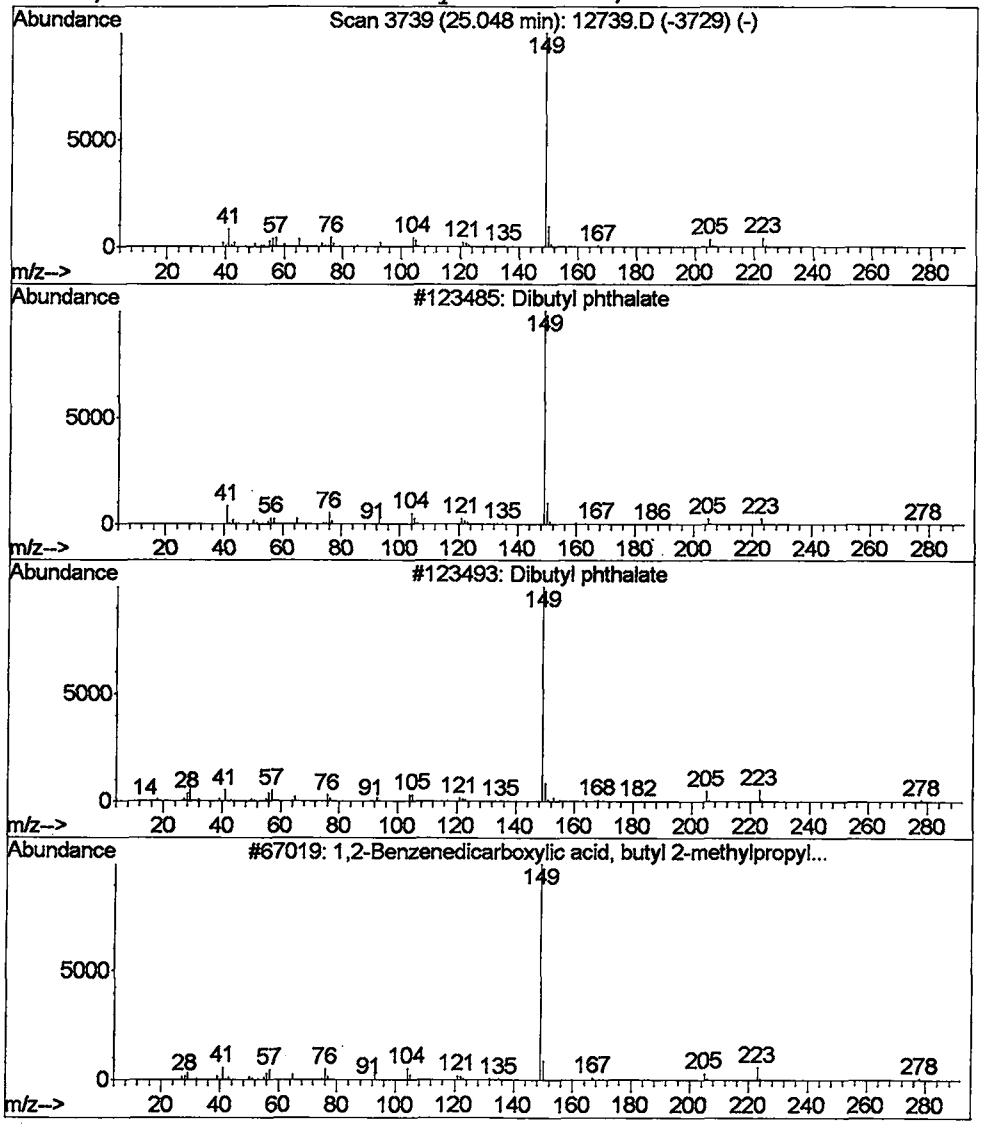
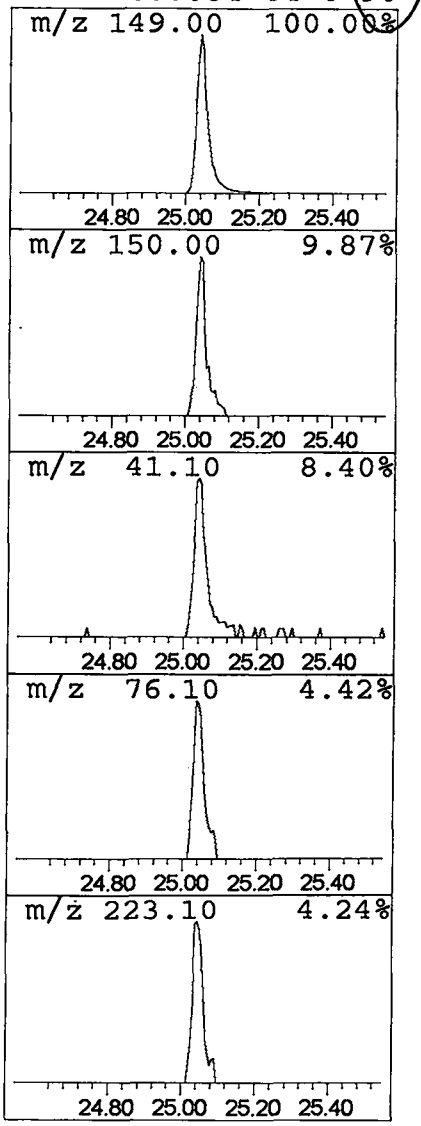
Peak Number 18 Dibutyl phthalate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	1.10 ug/L	1331120	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	91
2	Dibutyl phthalate	278	C16H22O4	000084-74-2	90
3	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	90
4	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	90





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : 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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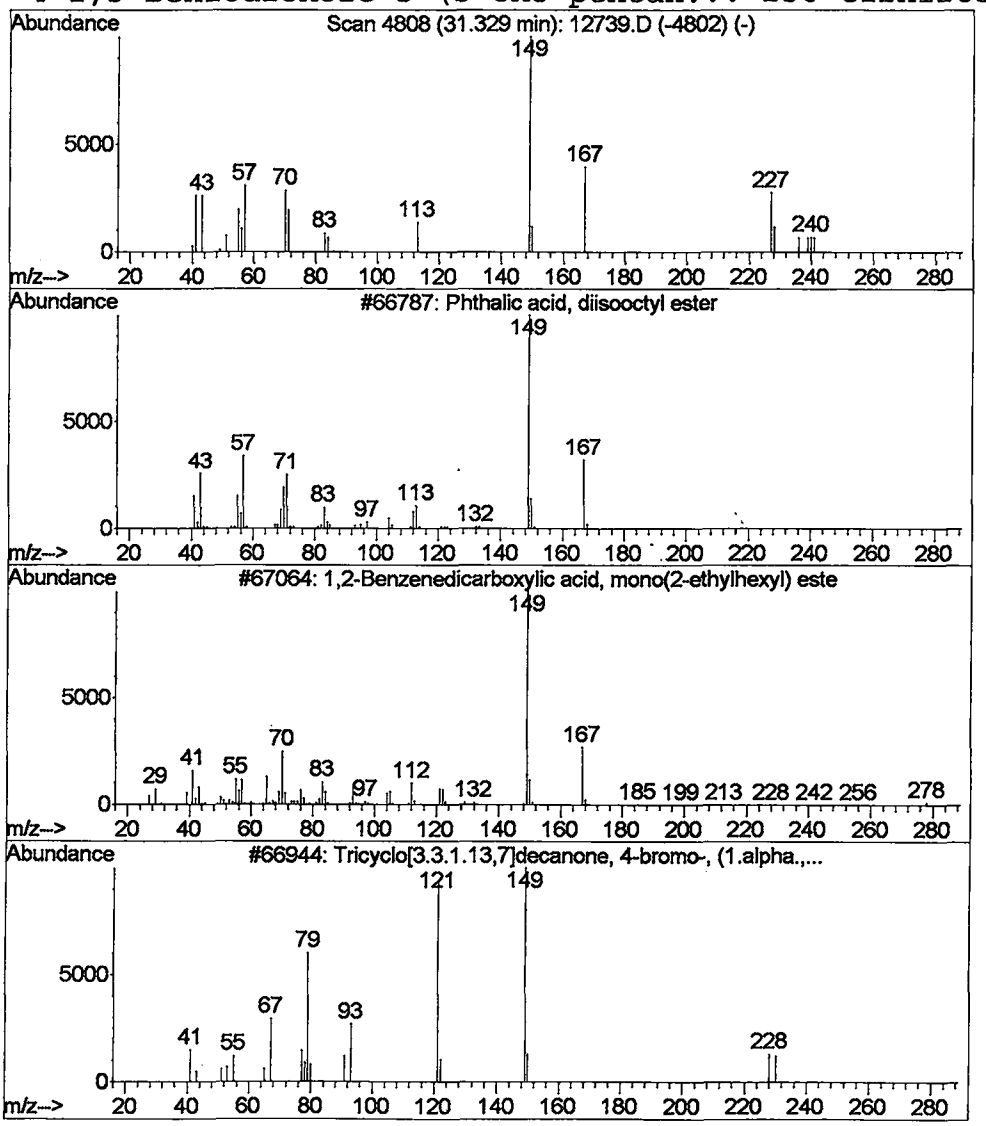
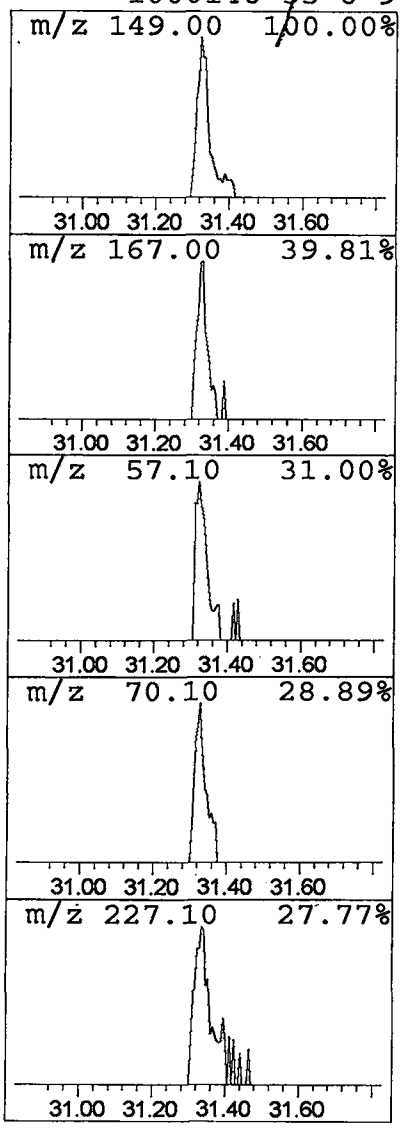
Peak Number 19 Phthalic acid, diisooctyl e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.33	0.27 ug/L	223321	Chrysene-d12	30.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	59
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	50
3	Tricyclo[3.3.1.13,7]decanone, 4-...	228	C10H13BrO	032456-49-8	25
4	1,3-Benzodioxole-5-(5-oxo-pentan...	236	C12H12O5	1000146-55-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060702\12739.D Vial: 15
Acq On : 7 Jun 2002 7:58 pm Operator:
Sample : 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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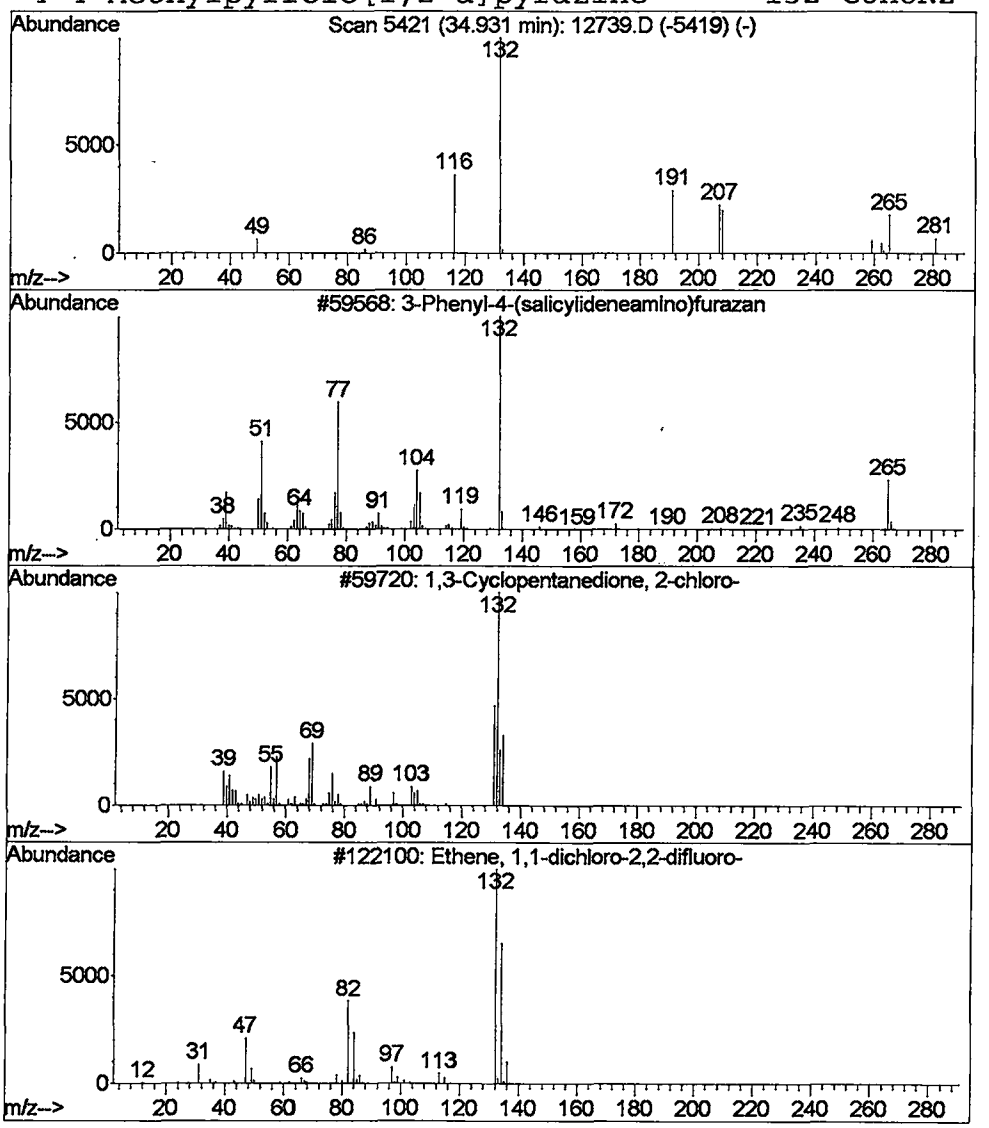
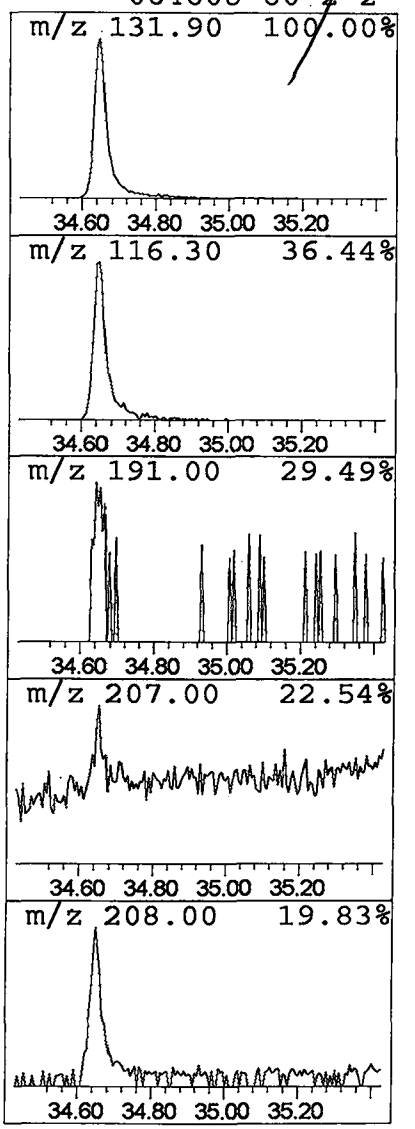
Peak Number 20 3-Phenyl-4-(salicylideneami... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.93	0.28 ug/L	146700	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-4-(salicylideneamino)fu...	265	C15H11N3O2	1000224-67-5	5
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	4
3	Ethene, 1,1-dichloro-2,2-difluoro-	132	C2Cl2F2	000079-35-6	4
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	2





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 Jun 2002 7:58 pm
Data File: C:\MSDCHEM\1\DATA\060702\12739.D
Name:
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--- #	RT	Resp	Conc
Butanoic acid, me...	3.48	0.4	ug/L	303009	1	9.90	31870200	40.0
Methylene Chloride	3.73	7.7	ug/L	6125900	1	9.90	31870200	40.0
Thiophene	3.81	6.0	ug/L	4786590	1	9.90	31870200	40.0
Ethanamine, N-eth...	3.94	1.7	ug/L	1318610	1	9.90	31870200	40.0
1-Propyne, 1-(met...	3.99	1.9	ug/L	1548930	1	9.90	31870200	40.0
Methanediamine, N...	4.03	1.6	ug/L	1235680	1	9.90	31870200	40.0
Pyridine-d5-	4.06	1.8	ug/L	1415000	1	9.90	31870200	40.0
2,2-Dimethoxybutane	4.12	2.7	ug/L	2134910	1	9.90	31870200	40.0
Perdeuterobenzene	4.25	1.5	ug/L	1169710	1	9.90	31870200	40.0
Butanoic acid, 2-...	4.53	2.2	ug/L	1783890	1	9.90	31870200	40.0
Krypton	4.71	0.5	ug/L	426647	1	9.90	31870200	40.0
Imidazol, 4-fluoro-	5.11	0.5	ug/L	361505	1	9.90	31870200	40.0
2-Pentanone, 4-hy...	5.95	0.8	ug/L	640676	1	9.90	31870200	40.0
Hexane, 2,2,5-tri...	8.70	0.3	ug/L	262446	1	9.90	31870200	40.0
Cyclopentasiloxan...	12.37	0.3	ug/L	354766	2	13.39	42997200	40.0
Phenanthrene, 9-m...	22.53	0.3	ug/L	345268	4	22.91	48386600	40.0
Anthracene-d10-	23.06	0.4	ug/L	456510	4	22.91	48386600	40.0
Dibutyl phthalate	25.05	1.1	ug/L	1331120	4	22.91	48386600	40.0
Phthalic acid, di...	31.33	0.3	ug/L	223321	5	30.76	32861600	40.0
3-Phenyl-4-(salic...	34.93	0.3	ug/L	146700	6	34.65	21217400	40.0