User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 14:49:04

Sample: AE09517
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 14:47 Ended: 5/23/02 14:47 Analyst: DLV
Page: 1

	Component Name	Vio	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		10.0

Comments for Sample AE09517 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 14:51:16

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. This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 22 11:28:36 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 11:26:33 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

reextracted

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4651237	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	18151237	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10011720	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15213504	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10407205	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	5682569	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.51	209	1959102	42.40	ug/L	0.00
Spiked Amount 40.000			Recovery = 106.00%			
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	20.10	149	23862	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	33595	N.D.		
30) Nnitrosodiphenylamine	20.51	169	37340	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	309270	0.68	ug/L #	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 22 11:28:36 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 11:26:33 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

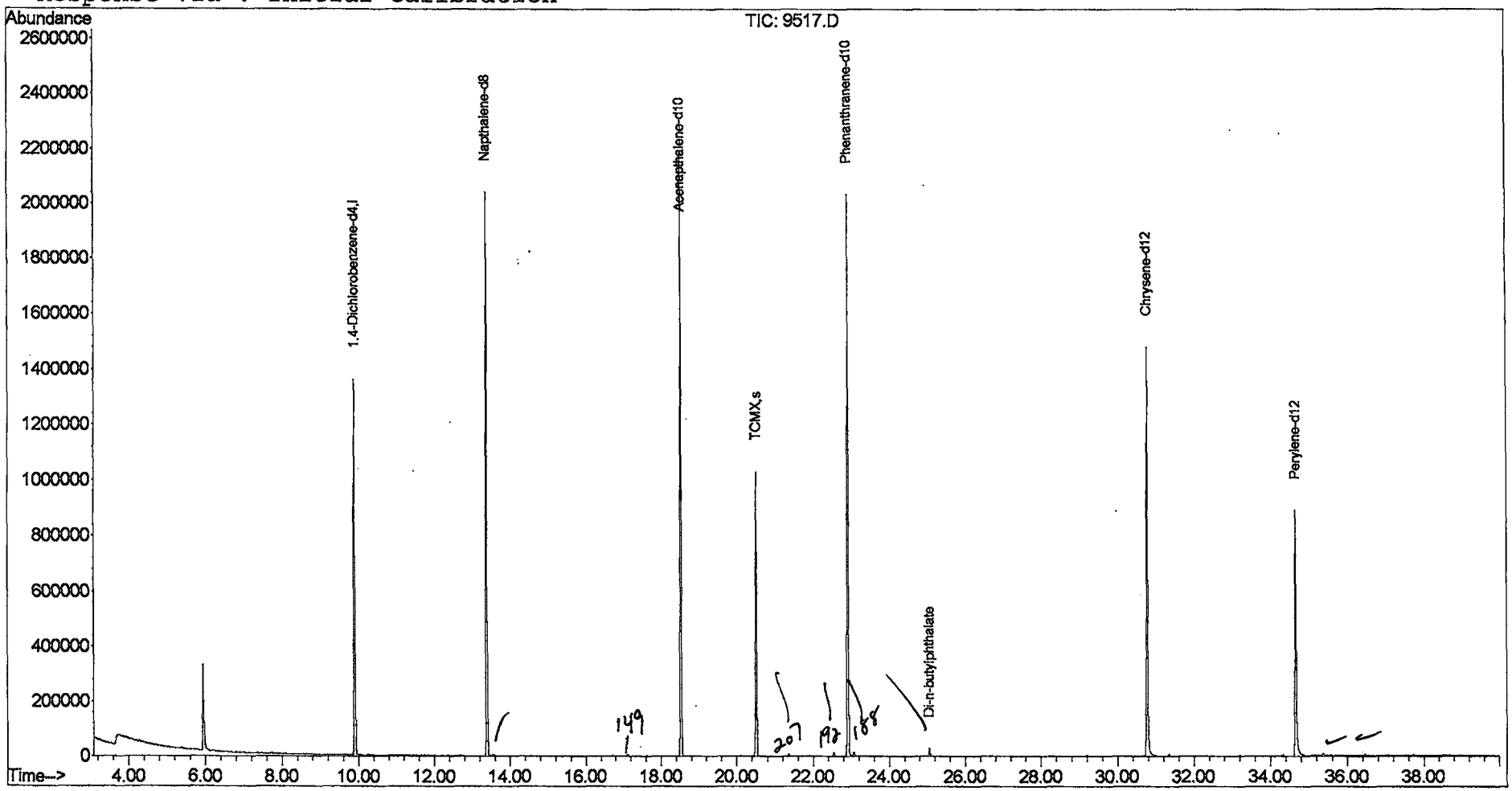
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.77	228	24477	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.34	149	36887	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	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)

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 22 11:28 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 11:26:33 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

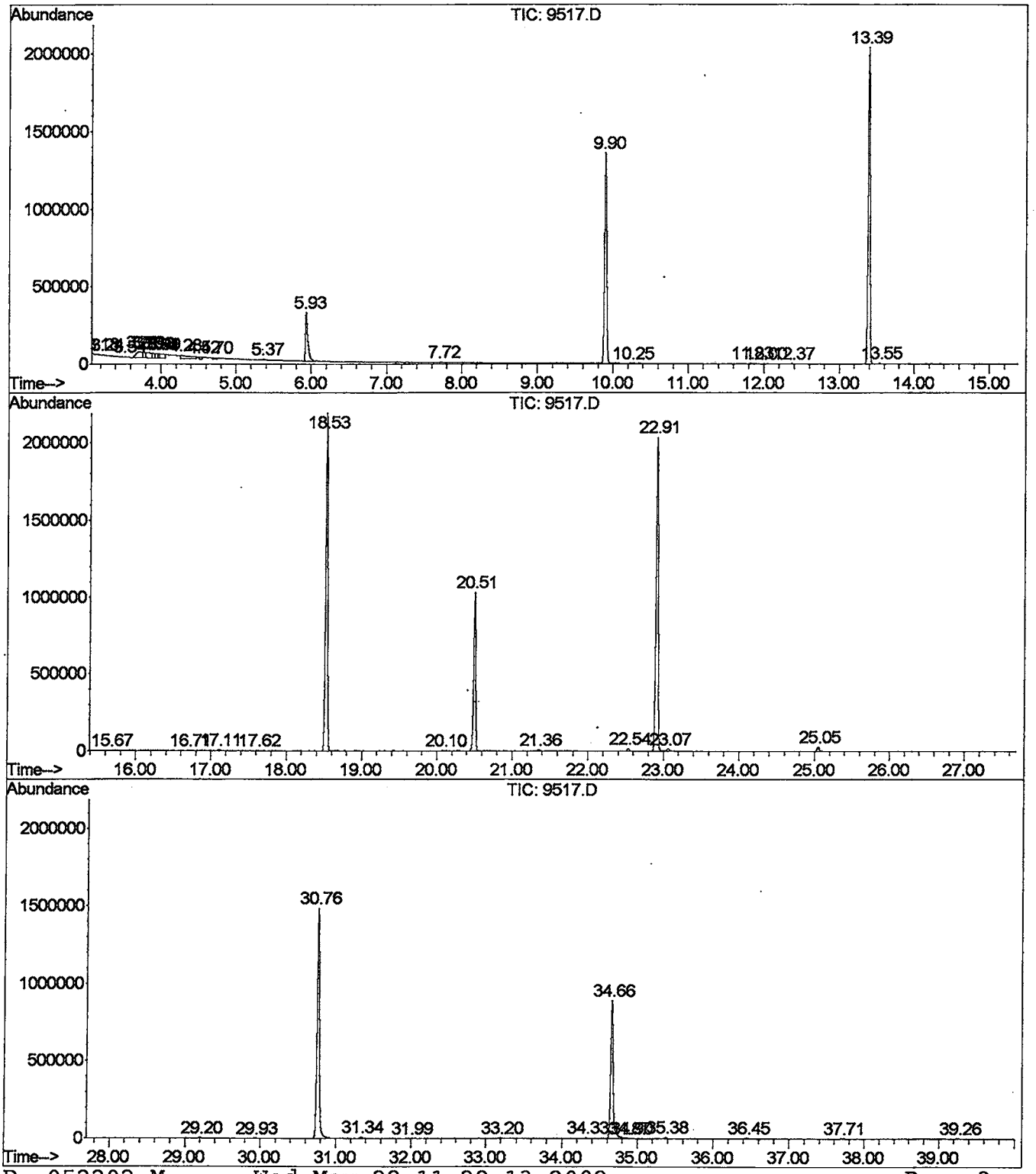
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.185	16	18	20	VV 2	2750	19230	0.05%	0.008%
2	3.244	24	28	55	PV 8	3218	162497	0.40%	0.068%
3	3.543	75	79	86	VV 7	3595	68669	0.17%	0.029%
4	3.714	92	108	115	PV 5	36503	2006450	4.89%	0.842%
5	3.767	115	117	122	VV 5	36698	885003	2.16%	0.371%
6	3.808	122	124	136	VV 5	33859	1571533	3.83%	0.660%
7	3.902	136	140	143	VV 5	31191	759667	1.85%	0.319%
8	3.931	143	145	150	VV 6	29297	666096	1.62%	0.280%
9	3.972	150	152	154	VV 3	26972	334427	0.82%	0.140%
10	3.990	154	155	167	VV 8	26951	1124683	2.74%	0.472%
11	4.278	201	204	237	VV 5	22618	2058433	5.02%	0.864%
12	4.519	244	245	250	VV 4	12971	273793	0.67%	0.115%
13	4.695	274	275	285	VV 8	9433	309189	0.75%	0.130%
14	5.377	385	391	401	VV 5	6556	206225	0.50%	0.087%
15	5.935	481	486	508	PV	316902	6735828	16.43%	2.827%
16	7.715	786	789	800	PV 7	3454	102763	0.25%	0.043%
17	9.901	1152	1161	1180	PV	1363473	27585851	67.30%	11.578%
18	10.247	1209	1220	1229	PV 8	1542	48655	0.12%	0.020%
19	11.828	1473	1489	1496	PV 2	4184	66247	0.16%	0.028%
20	12.004	1512	1519	1523	VV 3	1957	30162	0.07%	0.013%
21	12.374	1572	1582	1589	VV 4	2461	45633	0.11%	0.019%
22	13.391	1743	1755	1776	PV	2007832	36932954	90.10%	15.501%
23	13.550	1776	1782	1791	VV	5832	106472	0.26%	0.045%
24	15.665	2136	2142	2146	VV 5	1705	29608	0.07%	0.012%
25	16.705	2310	2319	2330	PV 4	3237	75384	0.18%	0.032%
26	17.110	2379	2388	2396	VV 5	6109	102344	0.25%	0.043%
27	17.621	2465	2475	2480	PV 5	3192	52029	0.13%	0.022%
28	18.532	2618	2630	2645	PV	2174030	40670063	99.22%	17.070%
29	20.101	2891	2897	2906	VV 2	3485	65137	0.16%	0.027%
30	20.506	2954	2966	2978	PV	1032299	19183138	46.80%	8.051%
31	21.358	3103	3111	3118	VV 4	7594	130305	0.32%	0.055%
32	22.539	3301	3312	3320	PV 2	15092	285624	0.70%	0.120%
33	22.915	3365	3376	3396	PV 2	2009447	40990712	100.00%	17.204%
34	23.068	3396	3402	3414	VV	13655	284788	0.69%	0.120%
35	25.054	3733	3740	3759	VV	29062	525861	1.28%	0.221%
36	29.202	4433	4446	4455	PV 3	4168	77904	0.19%	0.033%
37	29.937	4566	4571	4581	VV 2	2012	47869	0.12%	0.020%

38	30.759	4696	4711	4752	VV	2	1462593	31955188	77.96%	13.412%
39	31.341	4798	4810	4816	VV	3	9266	183434	0.45%	0.077%
40	31.993	4916	4921	4930	PV	3	1918	38796	0.09%	0.016%
41	33.197	5118	5126	5133	PV	3	4293	82061	0.20%	0.034%
42	34.326	5309	5318	5326	PV	4	5996	117696	0.29%	0.049%
43	34.661	5363	5375	5410	PV	2	878269	20709863	50.52%	8.692%
44	34.872	5410	5411	5415	VV	4	3437	50823	0.12%	0.021%
45	34.901	5415	5416	5423	VV	6	2627	62313	0.15%	0.026%
46	35.377	5490	5497	5517	VV	6	7021	166981	0.41%	0.070%
47	36.453	5673	5680	5689	VV	5	5329	130787	0.32%	0.055%
48	37.710	5888	5894	5902	VV	7	2857	85947	0.21%	0.036%
49	39.267	6138	6159	6166	PV	9	1520	53407	0.13%	0.022%

Sum of corrected areas: 238258521

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052102\9517.D
Operator : Mclean
Acquired : 21 May 2002 11:07 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-extract
Misc Info :
Vial Number: 13
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

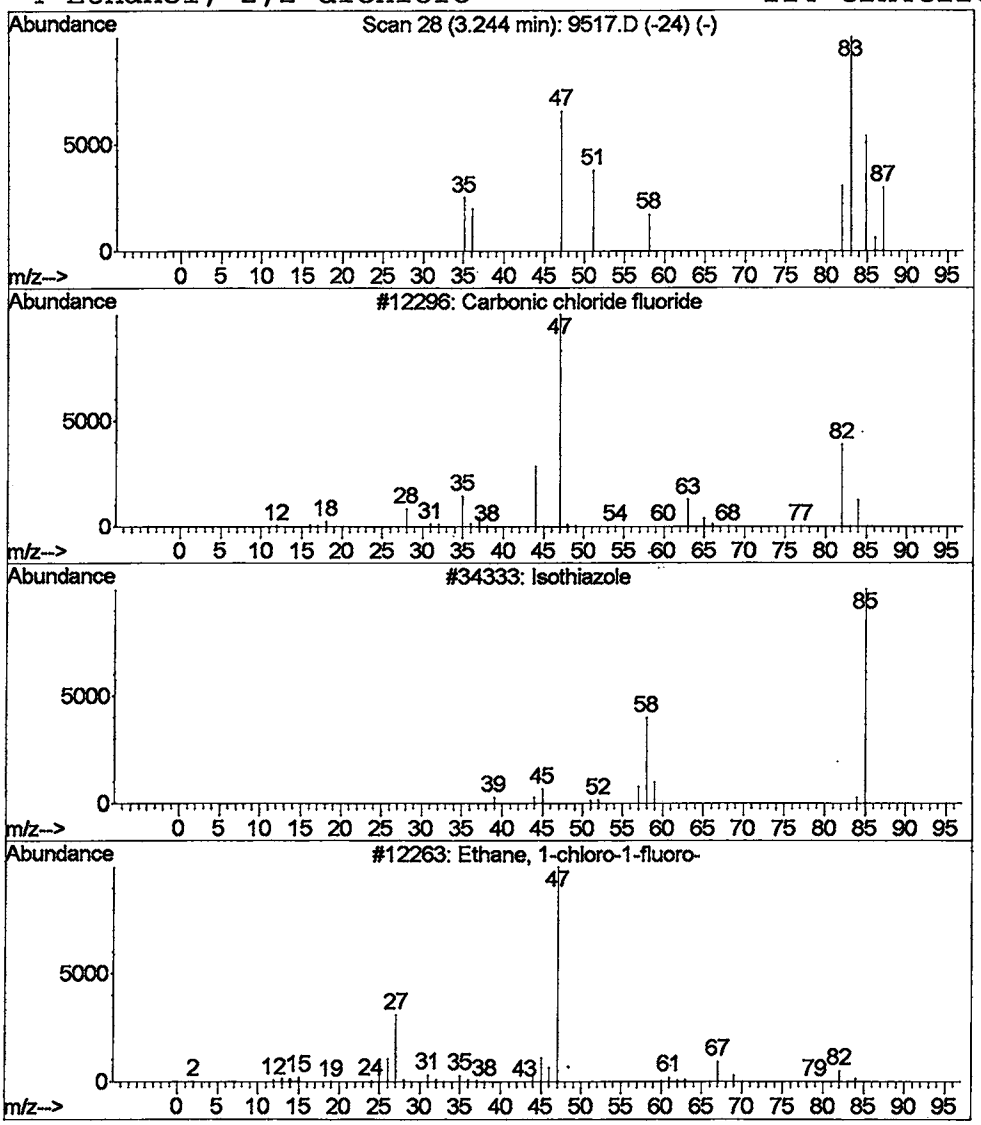
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

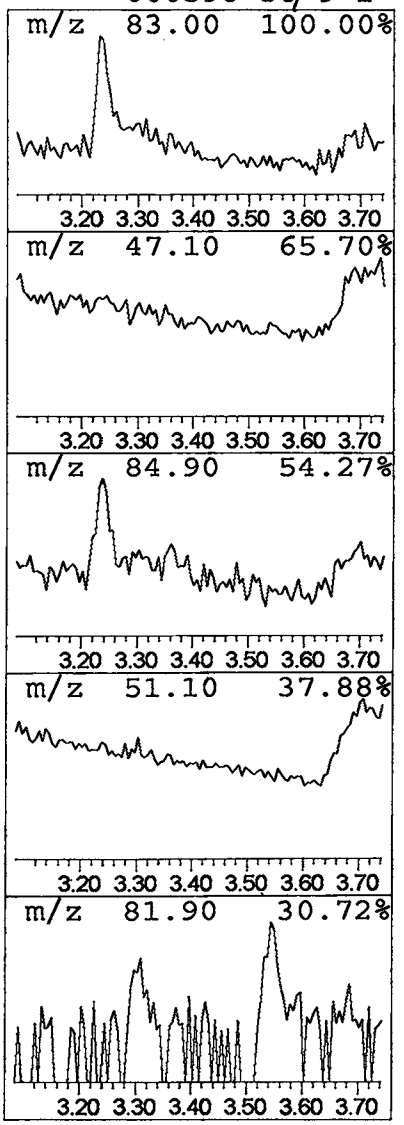
****

Peak Number 1 Carbonic chloride fluoride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	0.24 ug/L	162497	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic chloride fluoride	82	CClFO	000353-49-1	5
2	Isothiazole	85	C3H3NS	000288-16-4	4
3	Ethane, 1-chloro-1-fluoro-	82	C2H4ClF	001615-75-4	3
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

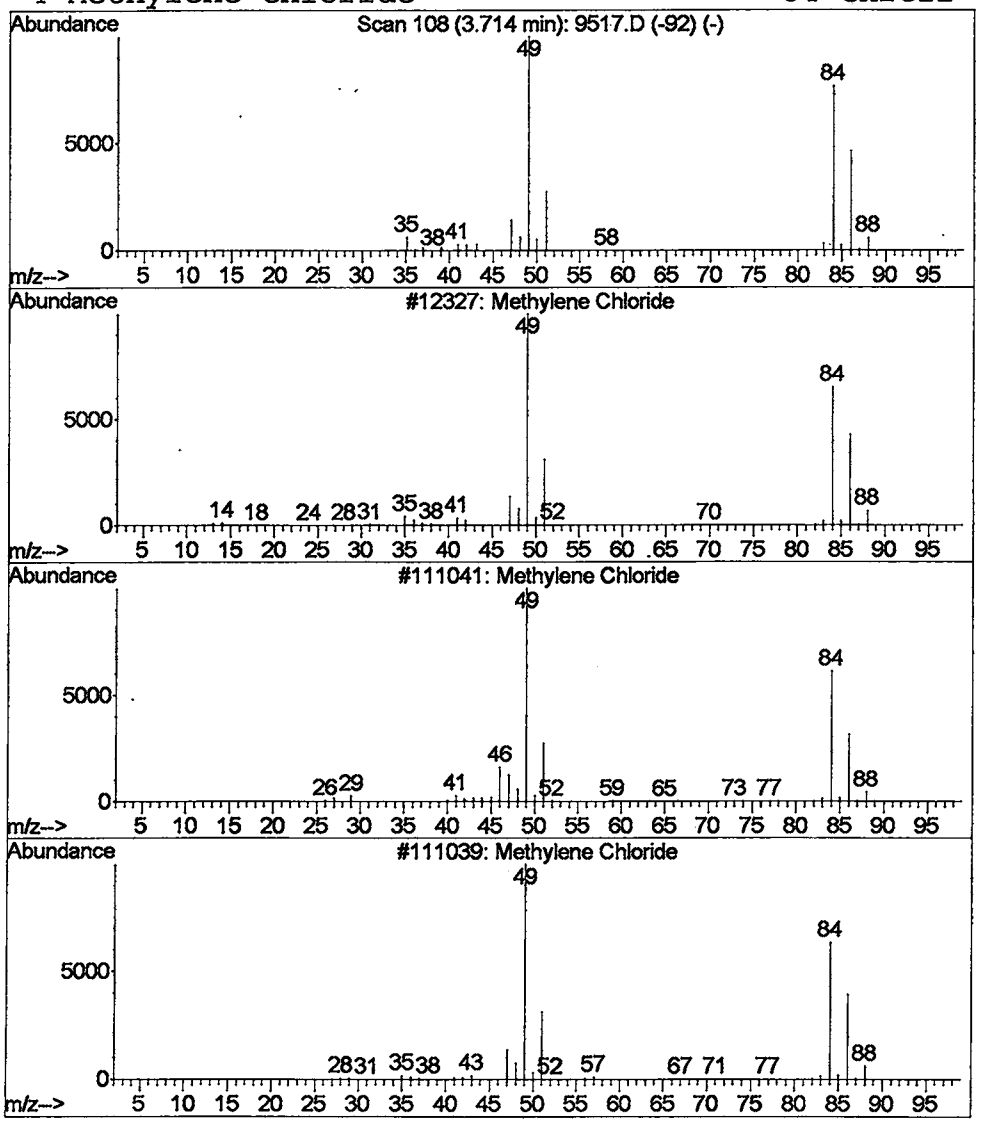
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

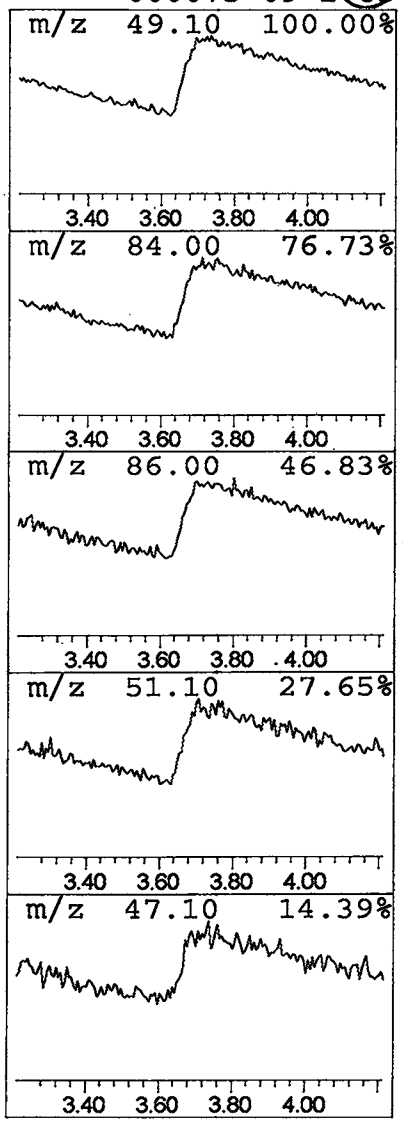
****

Peak Number 2 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.91 ug/L	2006450	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	96
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	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

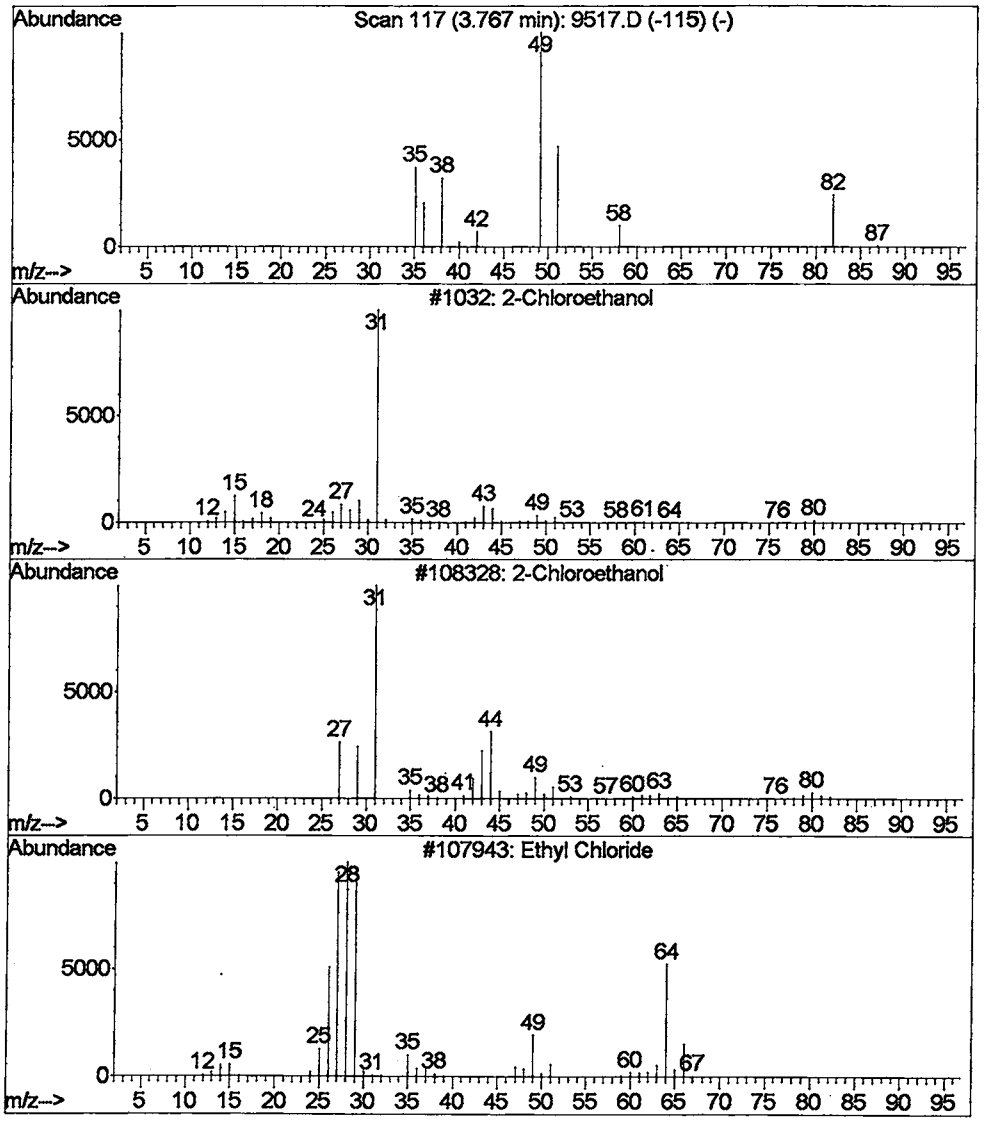
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

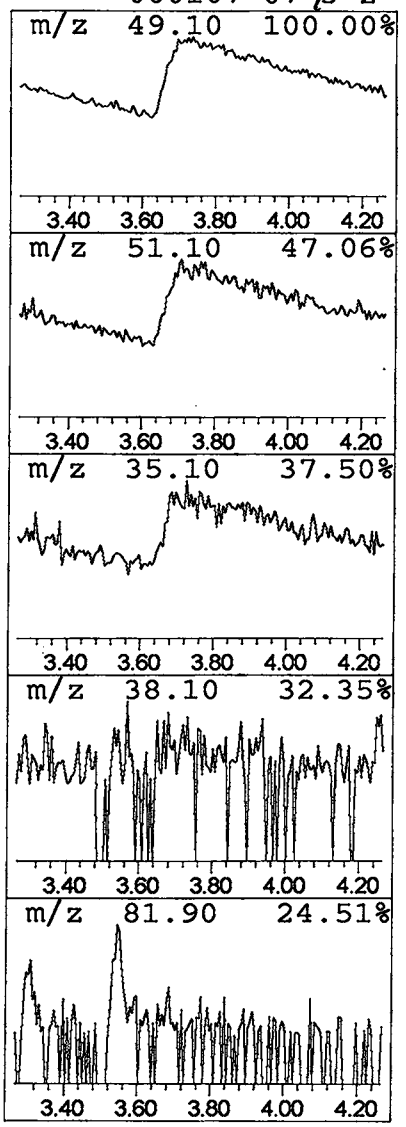
****

Peak Number 3 2-Chloroethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	1.28 ug/L	885003	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

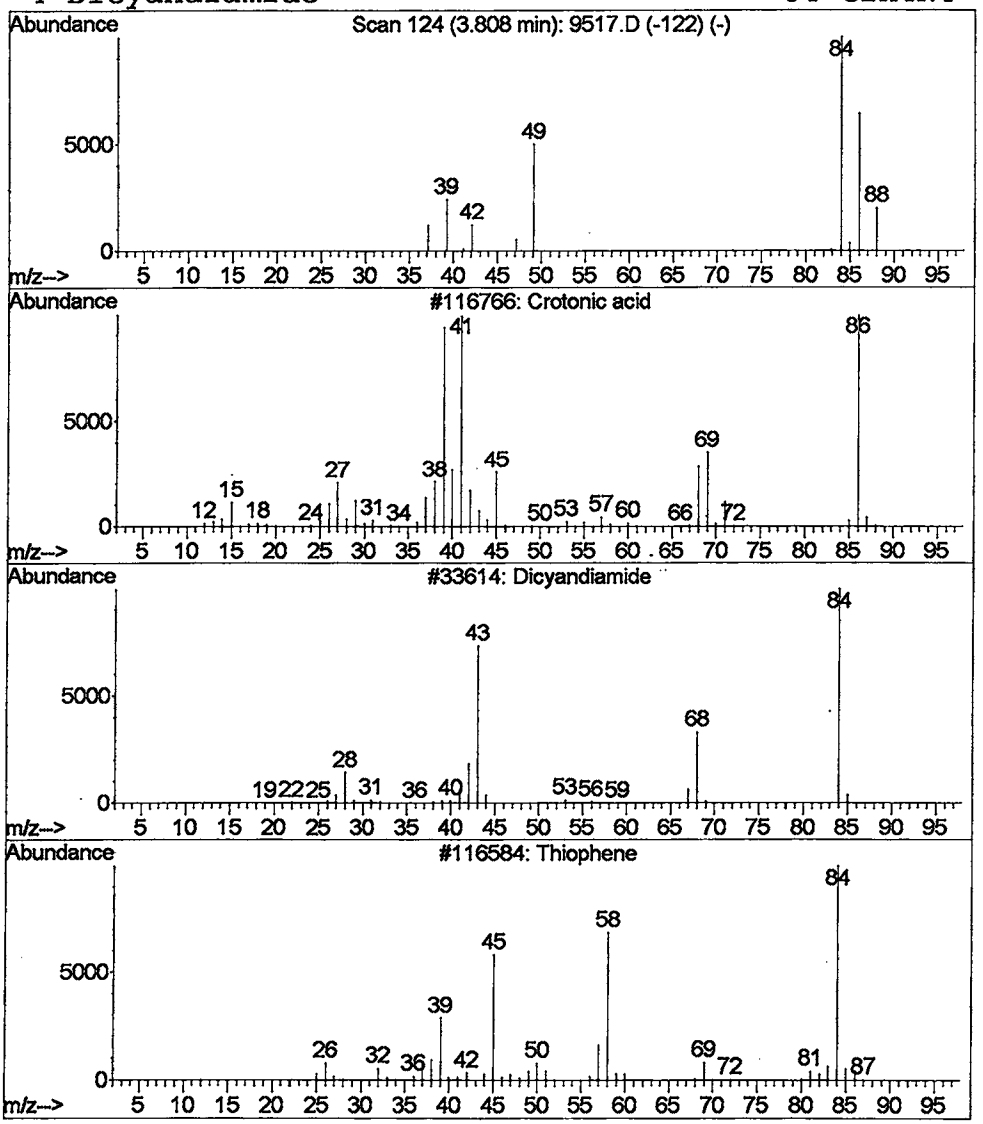
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

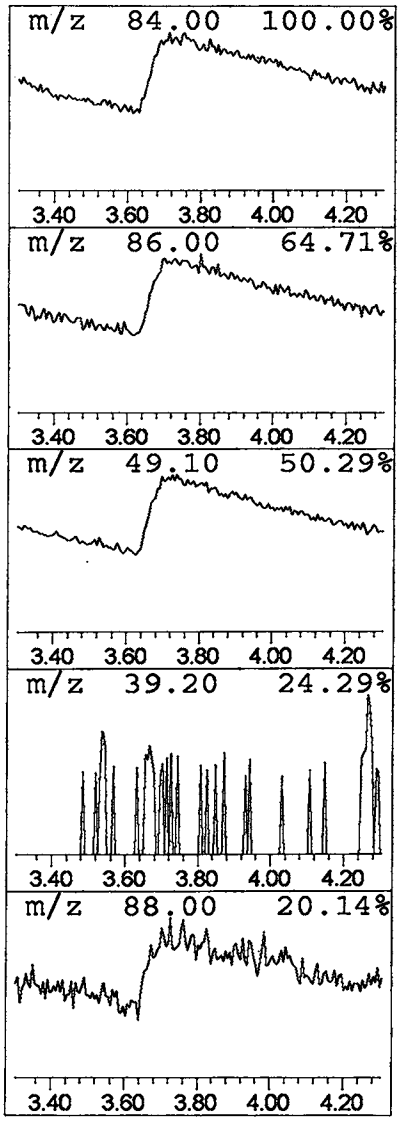
****

Peak Number 4 Crotonic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.28 ug/L	1571530	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	9
2	Dicyandiamide	84	C2H4N4	000461-58-5	7
3	Thiophene	84	C4H4S	000110-02-1	7
4	Dicyandiamide	84	C2H4N4	000461-58-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

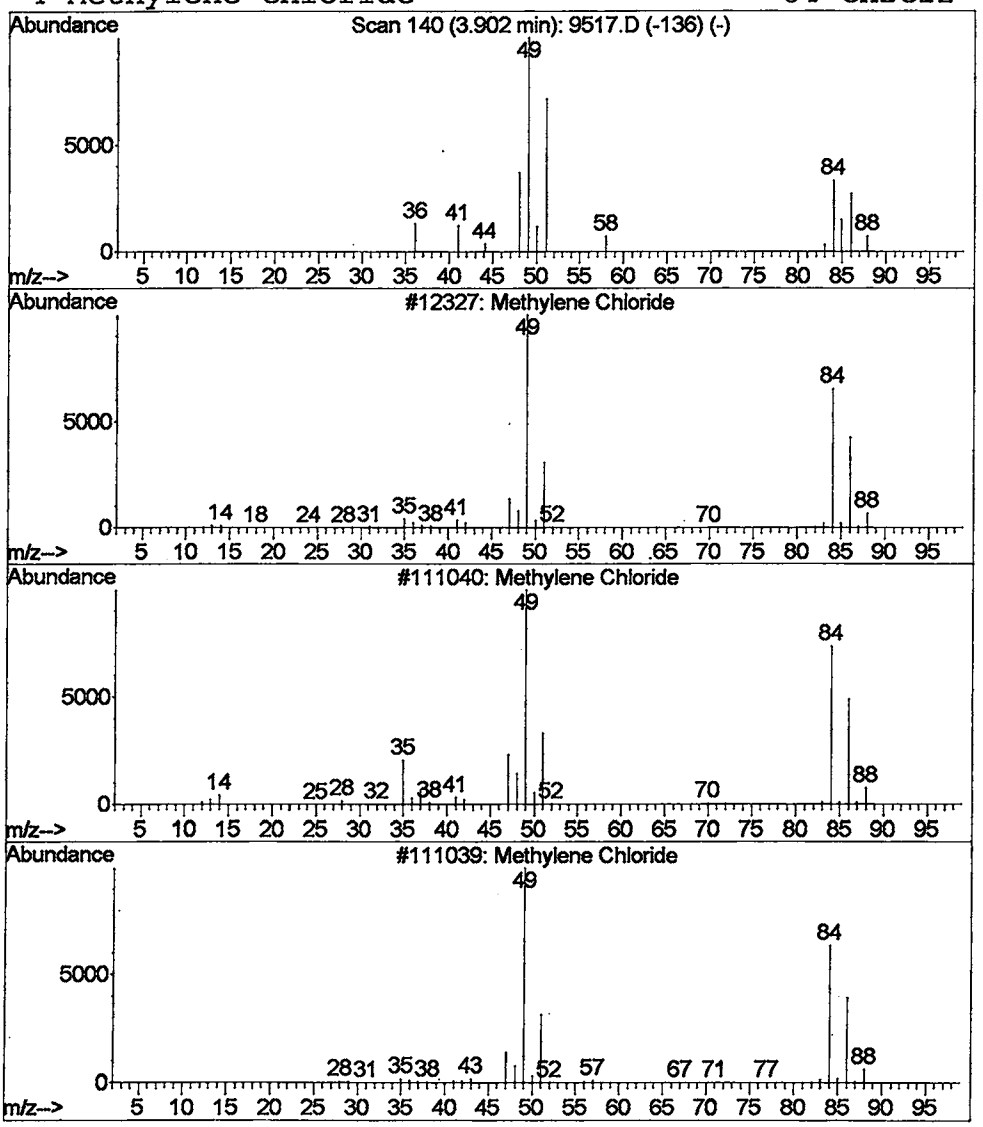
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

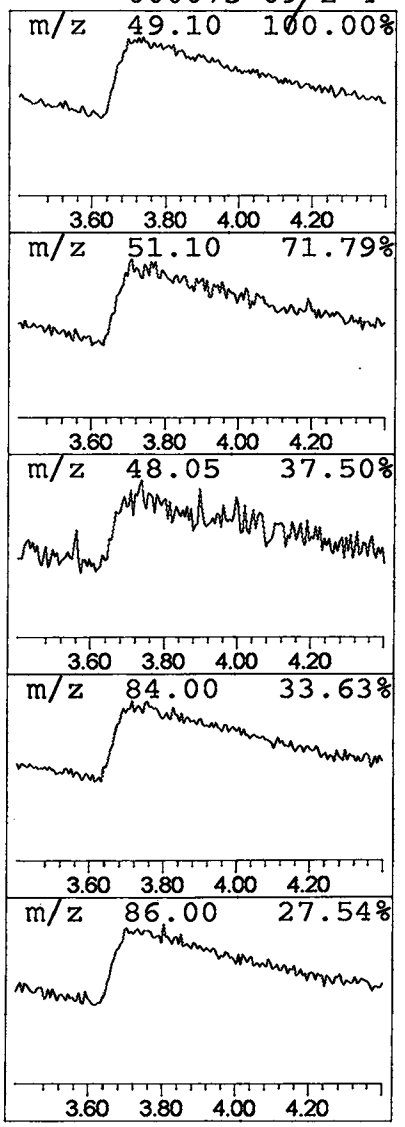
****

Peak Number 5 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	1.10 ug/L	759667	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	7
3	Methylene Chloride	84	CH2Cl2	000075-09-2	5
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

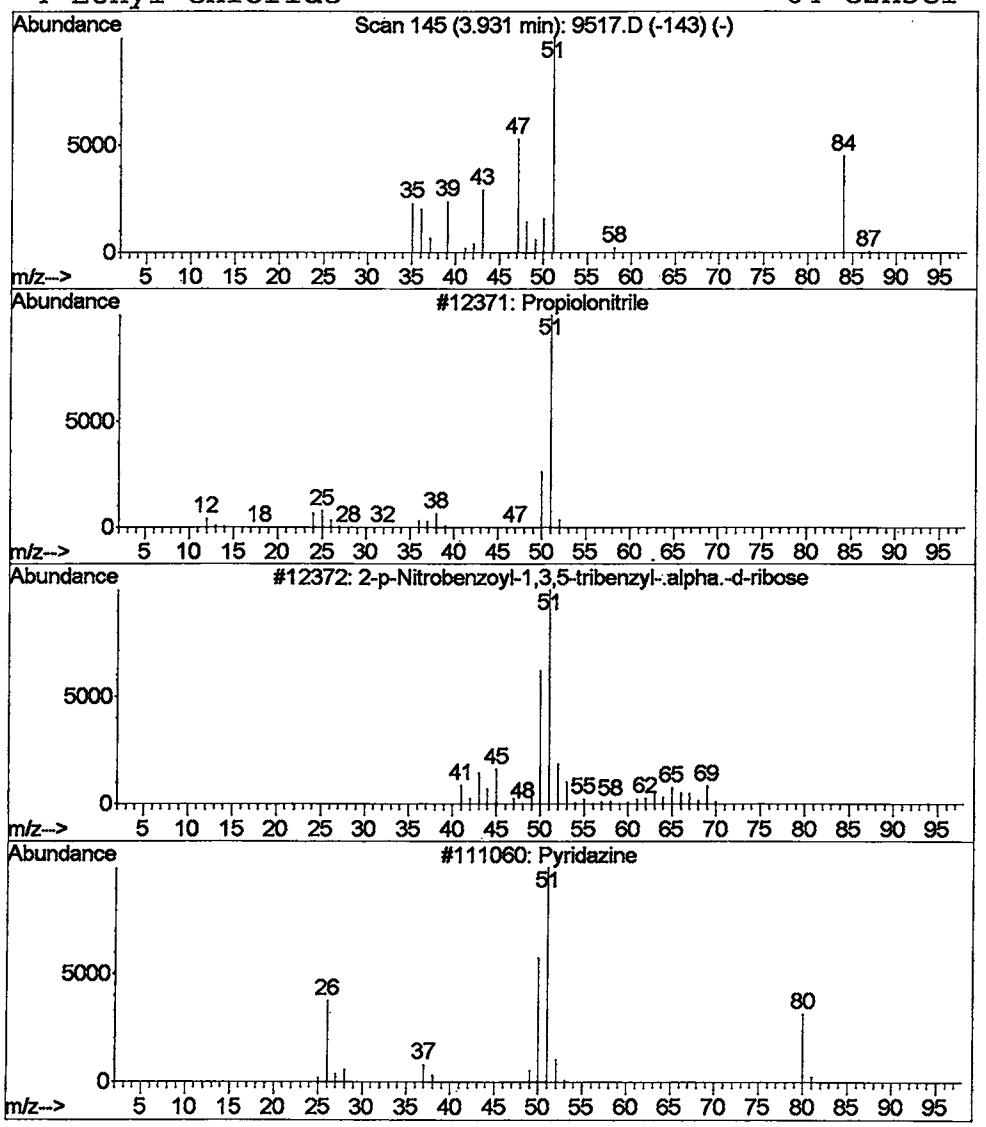
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

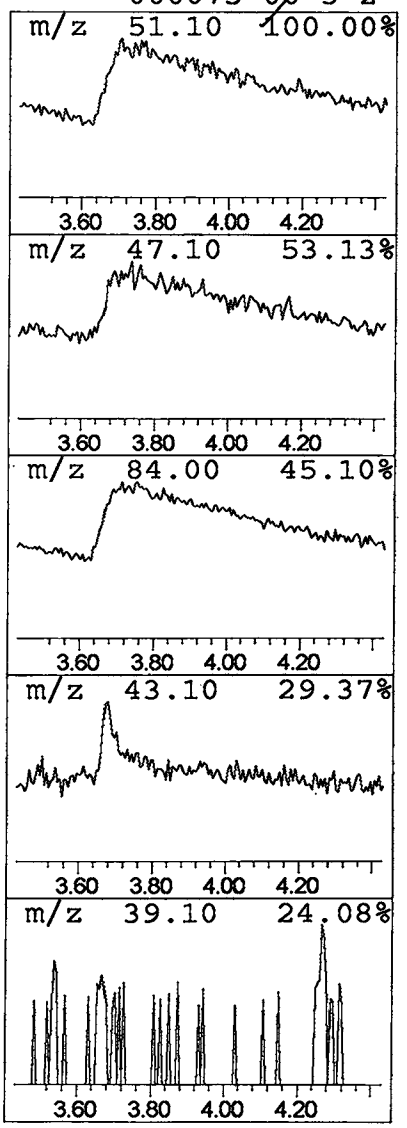
****

Peak Number 6 Propiolonitrile Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.97 ug/L	666096	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4
3	Pyridazine	80	C4H4N2	000289-80-5	2
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

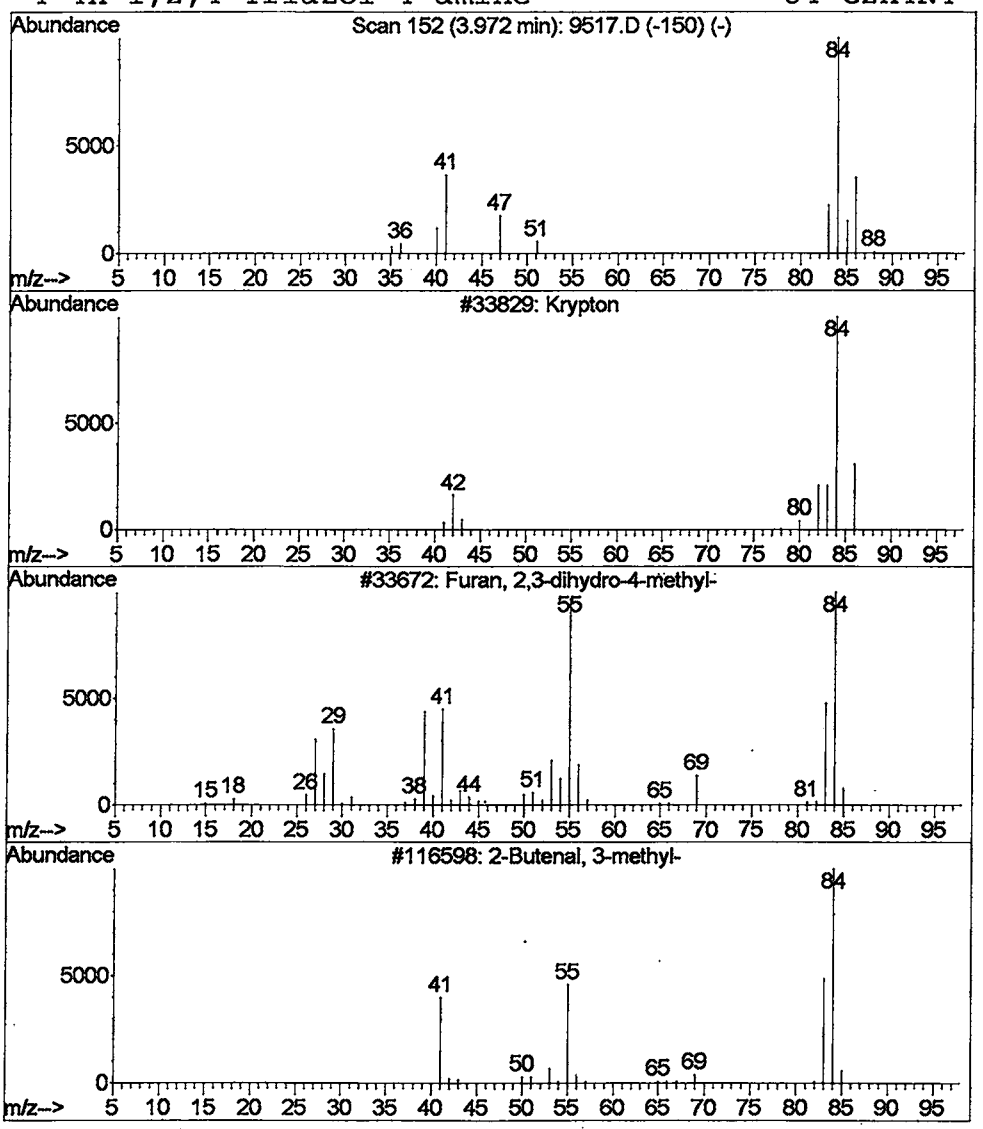
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

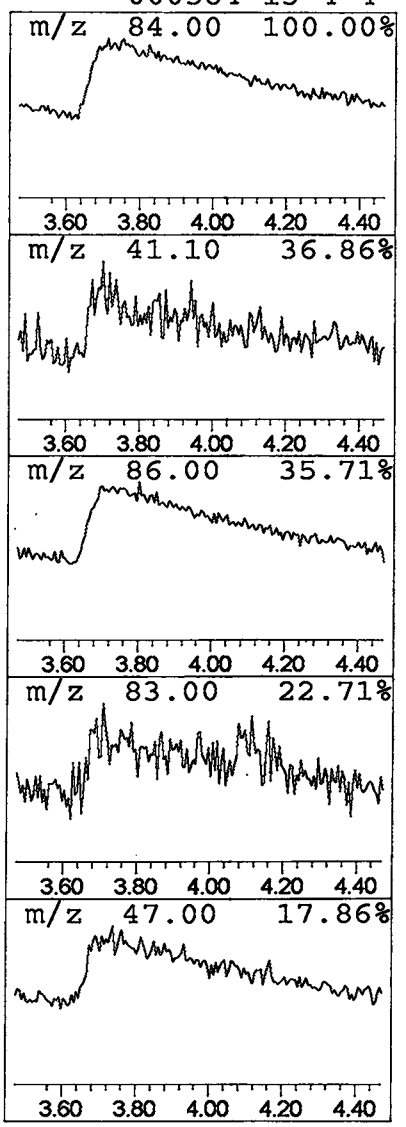
****

Peak Number 7 Krypton Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	0.48 ug/L	334427	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	5
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

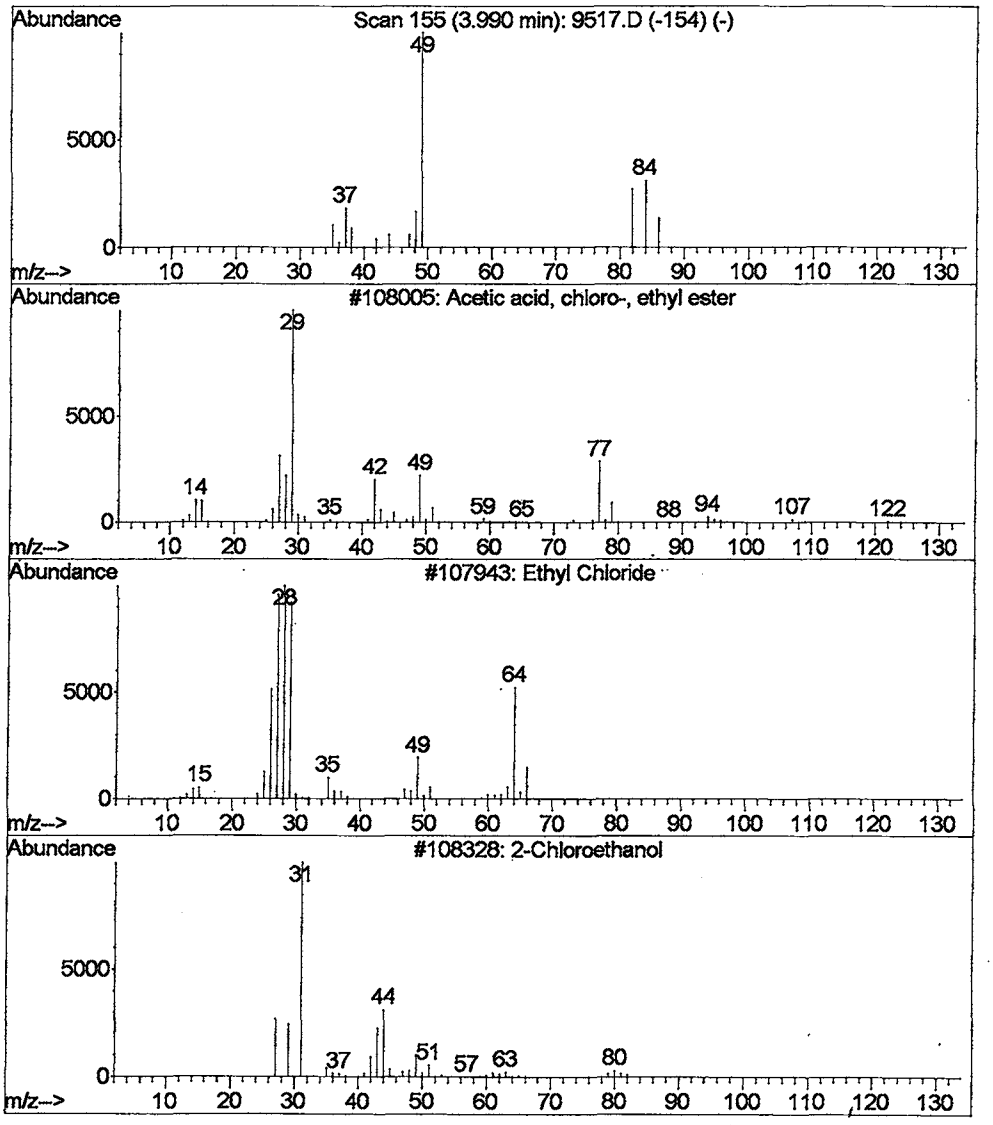
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

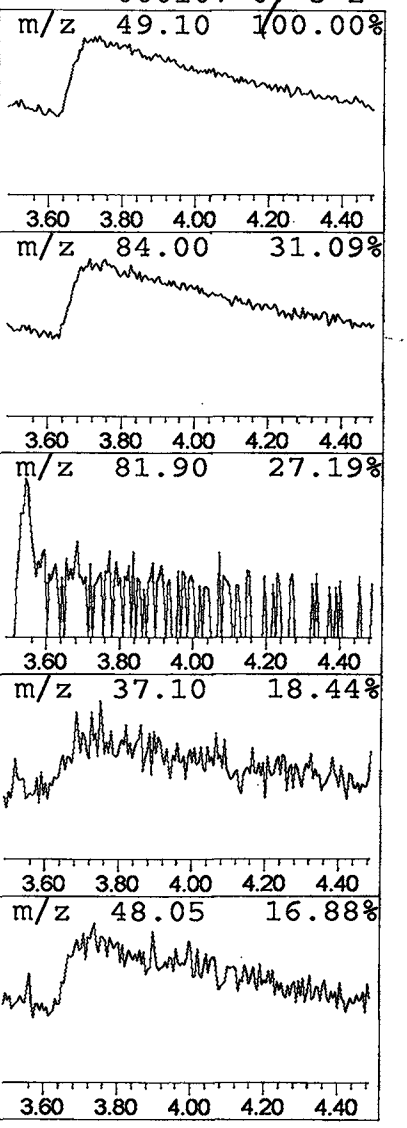
****

Peak Number 8 Acetic acid, chloro-, ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.63 ug/L	1124680	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	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

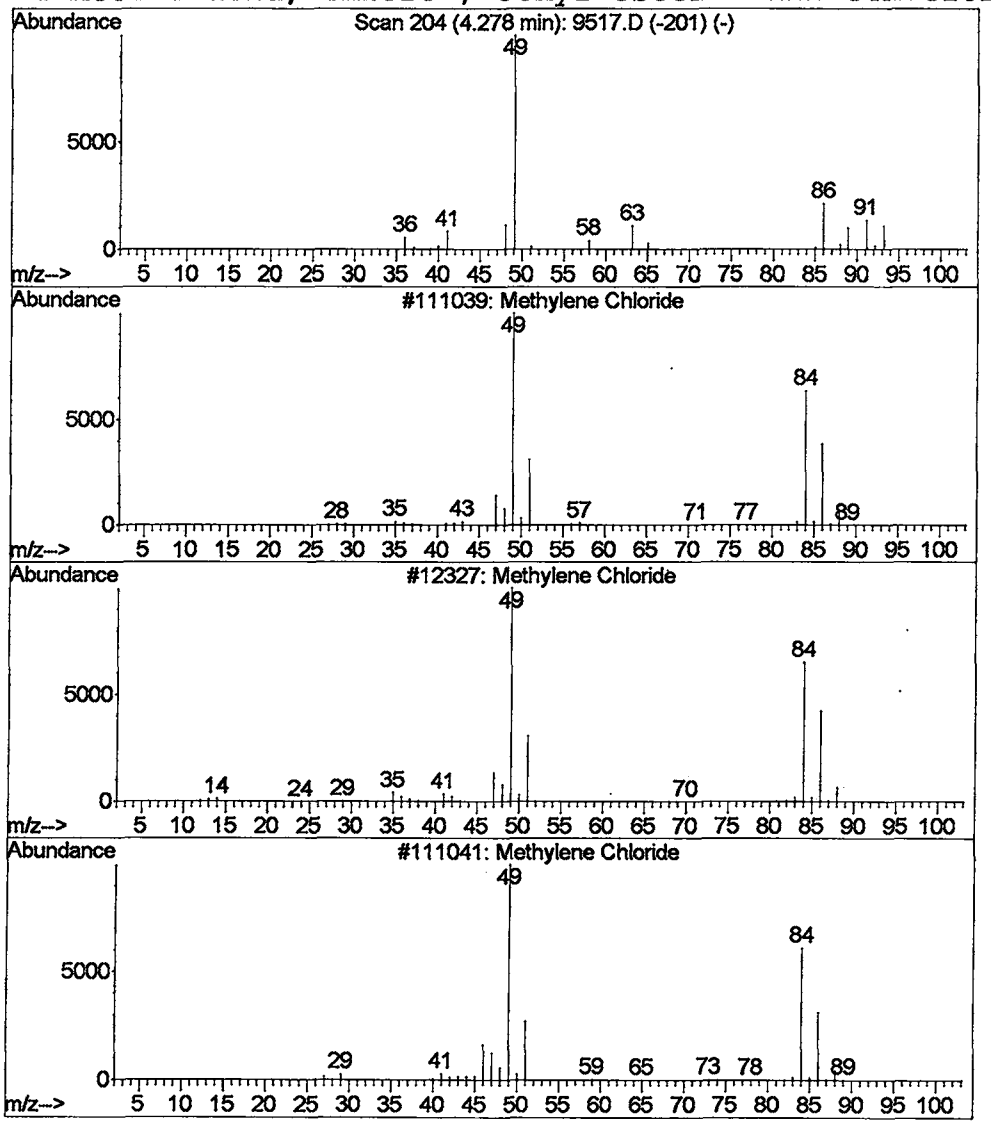
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

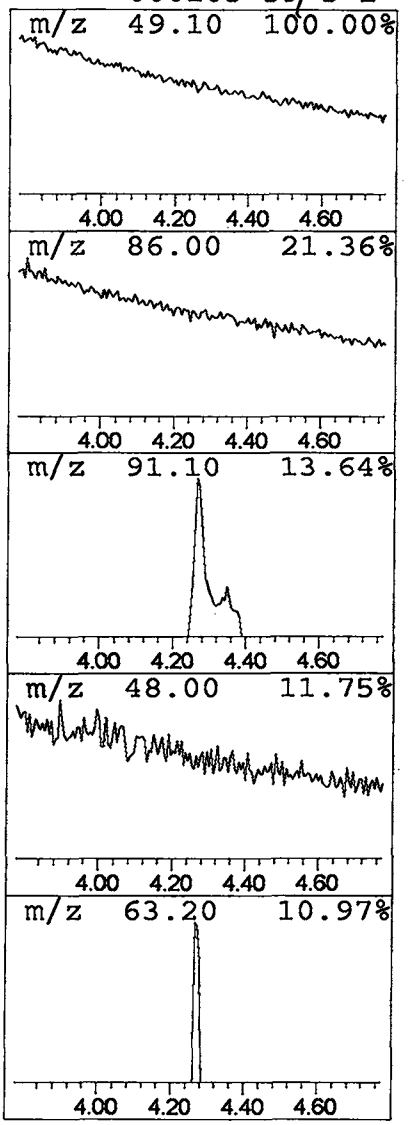
****

Peak Number 9 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	2.98 ug/L	2058430	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	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

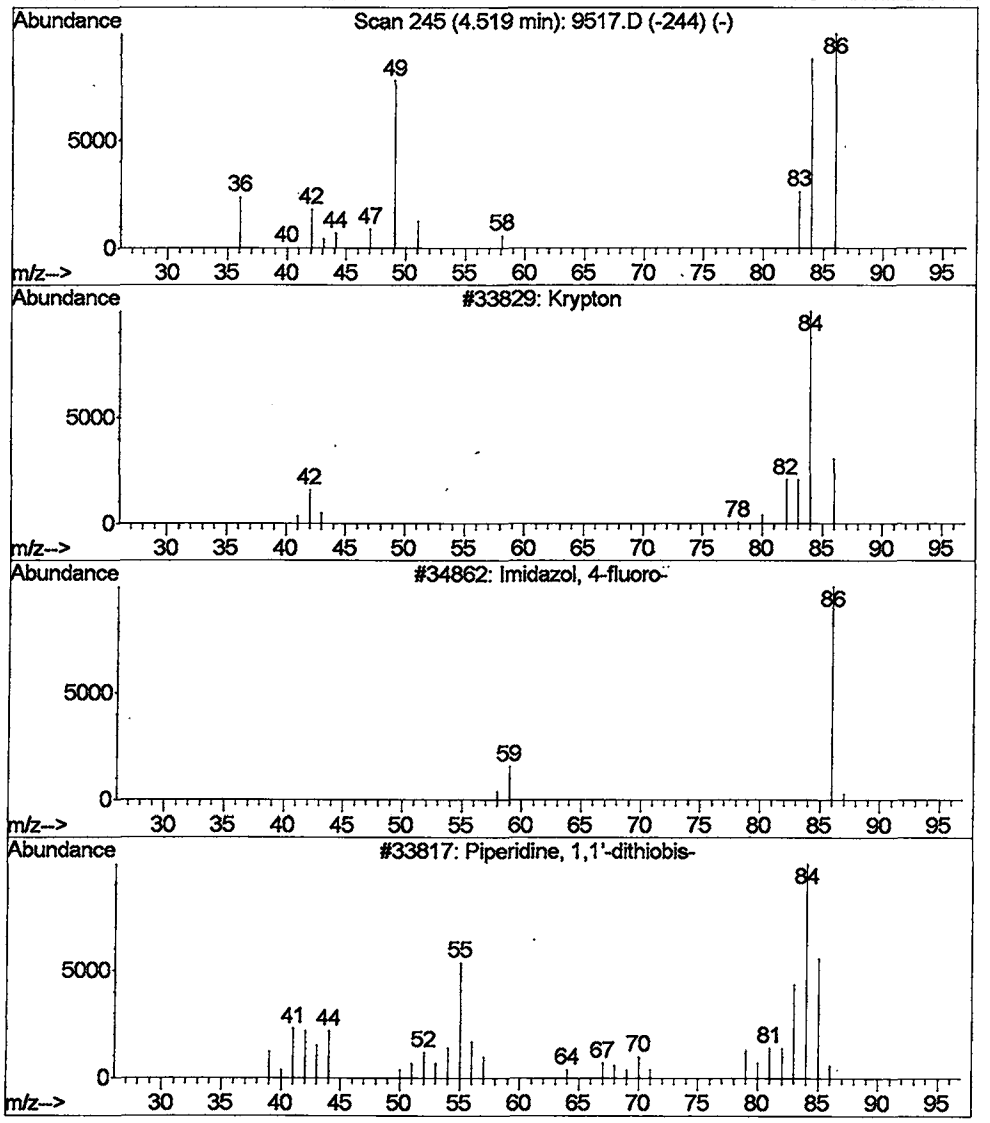
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

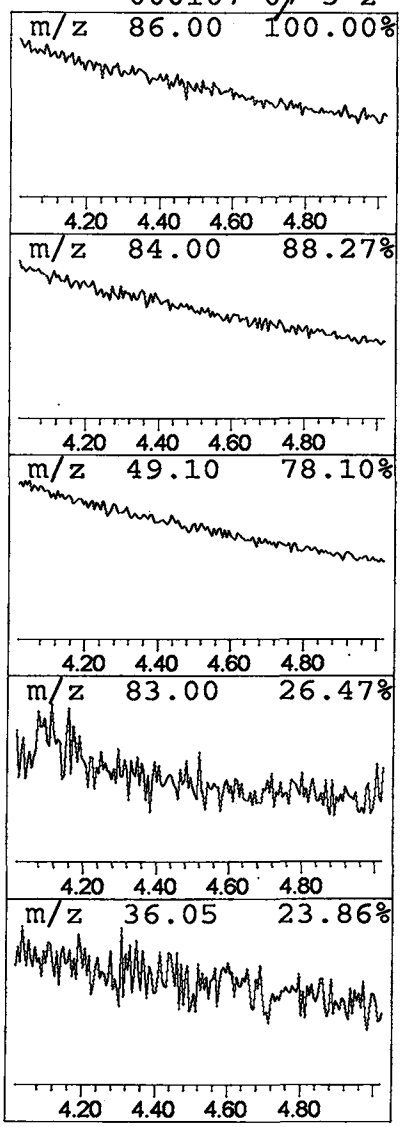
****

Peak Number 10 Krypton — Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	0.40 ug/L	273793	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	4
3	Piperidine, 1,1'-dithiobis-	232	C10H20N2S2	010220-20-9	4
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

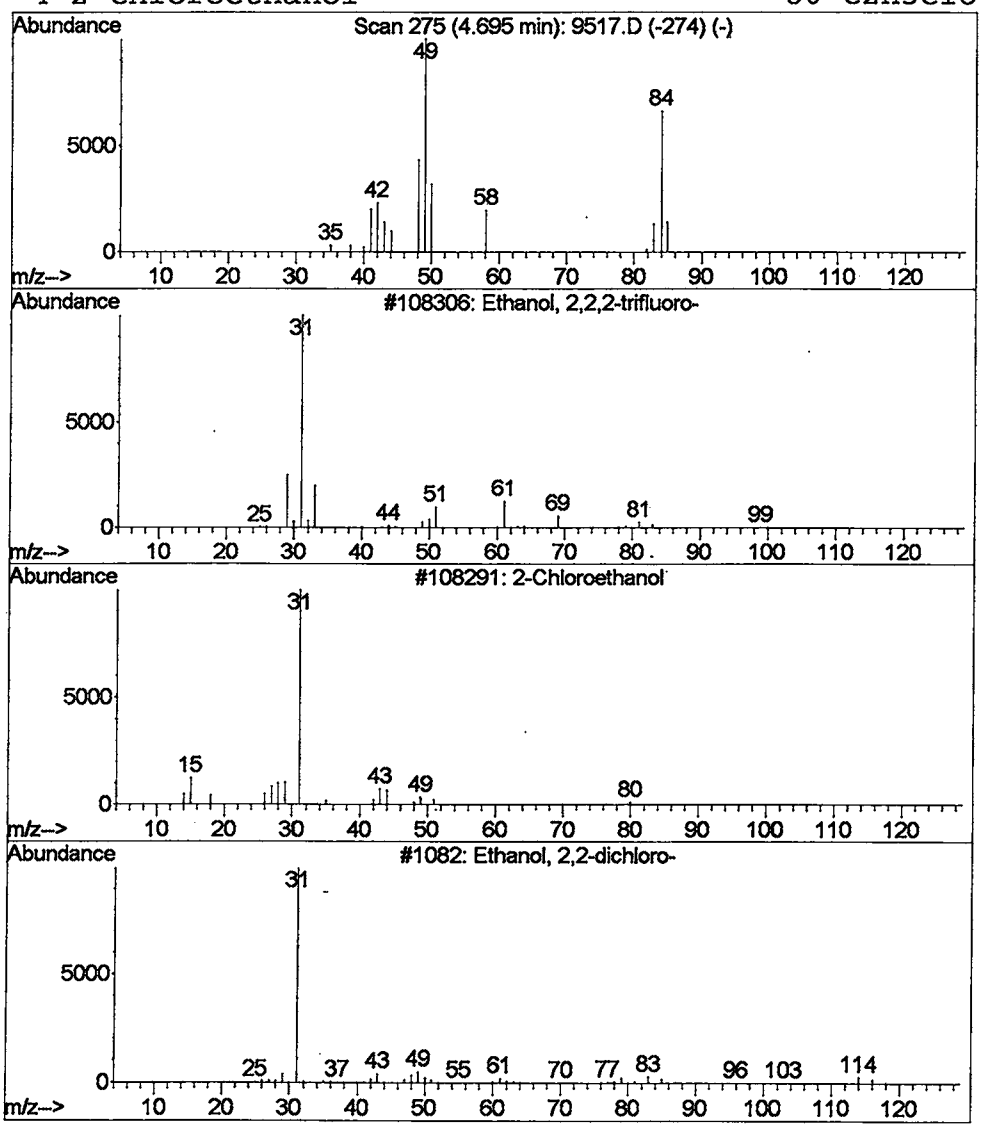
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

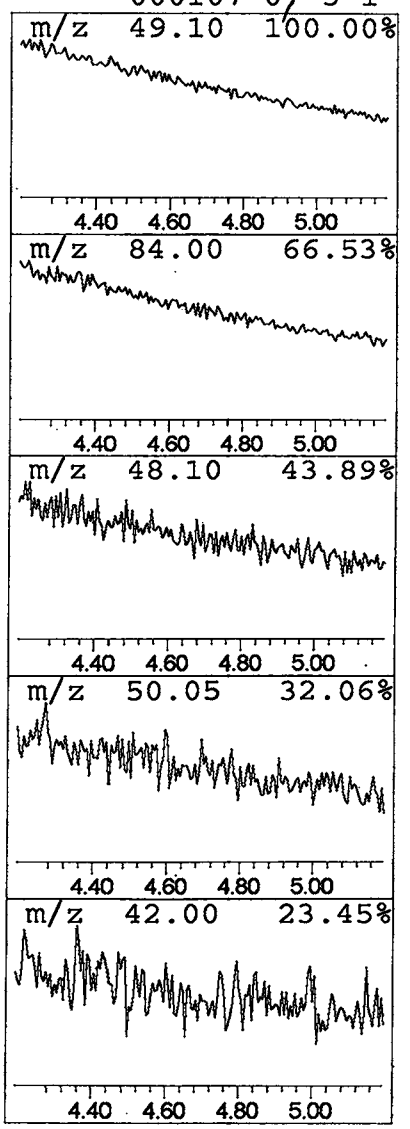
****

Peak Number 11 Ethanol, 2,2,2-trifluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	0.45 ug/L	309189	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	1
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Data File : C:\MSDCHEM\1\DATA\052102\9517.D
Acq On : 21 May 2002 11:07 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

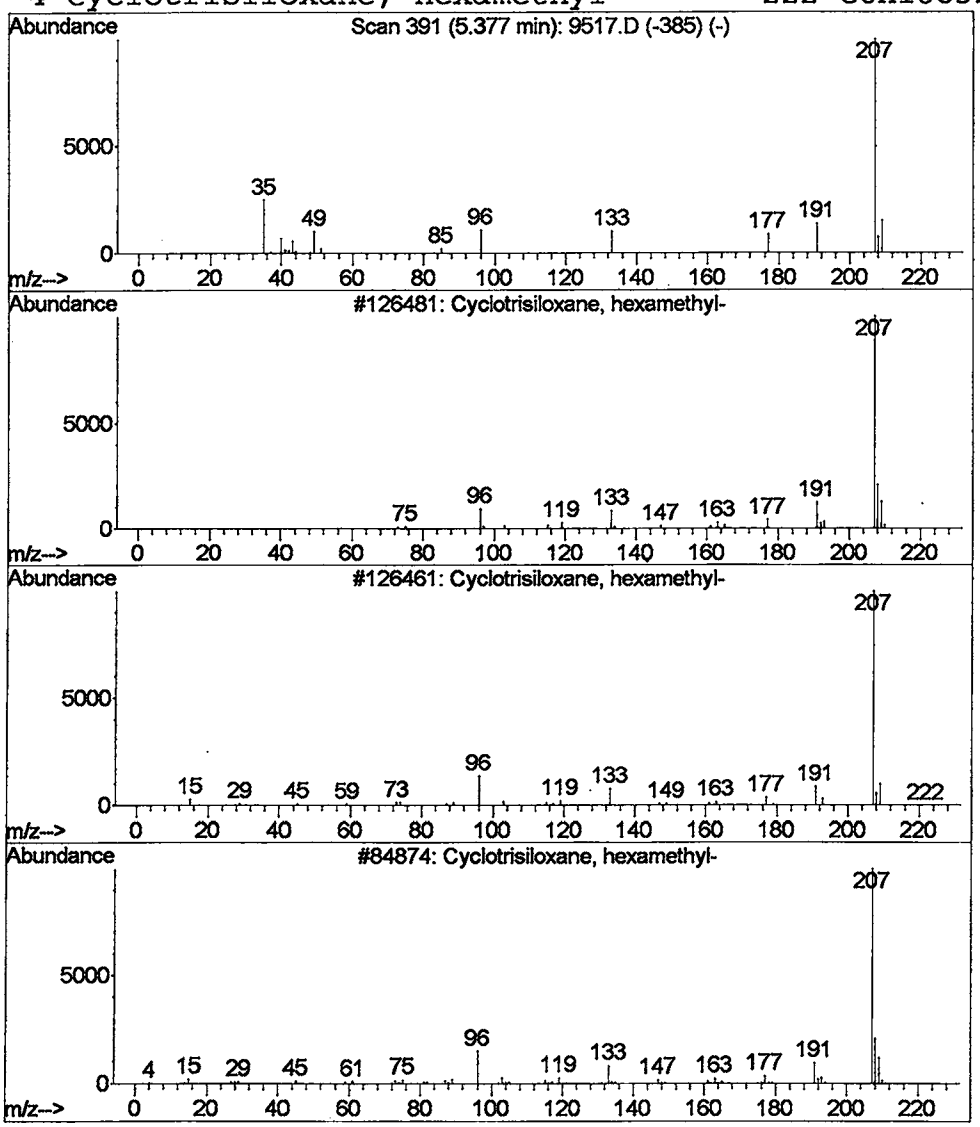
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

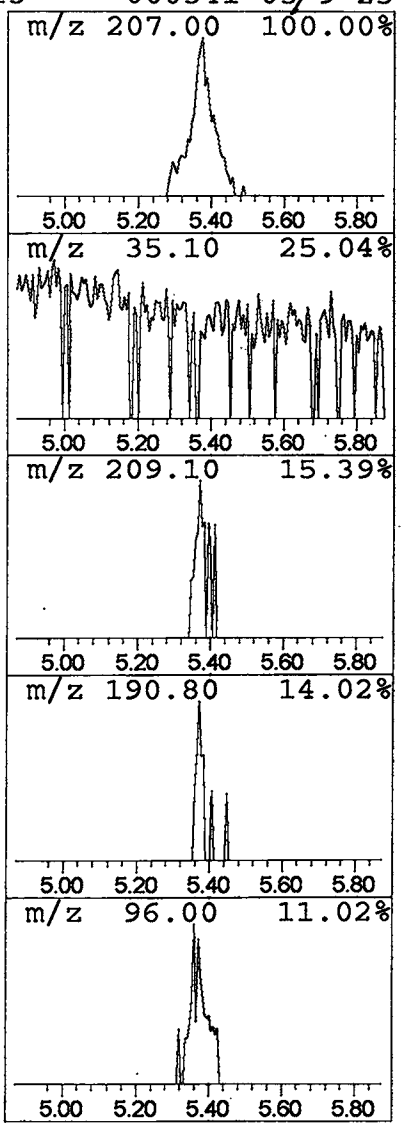
****

Peak Number 12 Cyclotrisiloxane, hexamethyl- Concentration Rank 13

R.T..	EstConc	Area	Relative to ISTD	R.T.
5.37	0.30 ug/L	206225	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	37
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	25
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

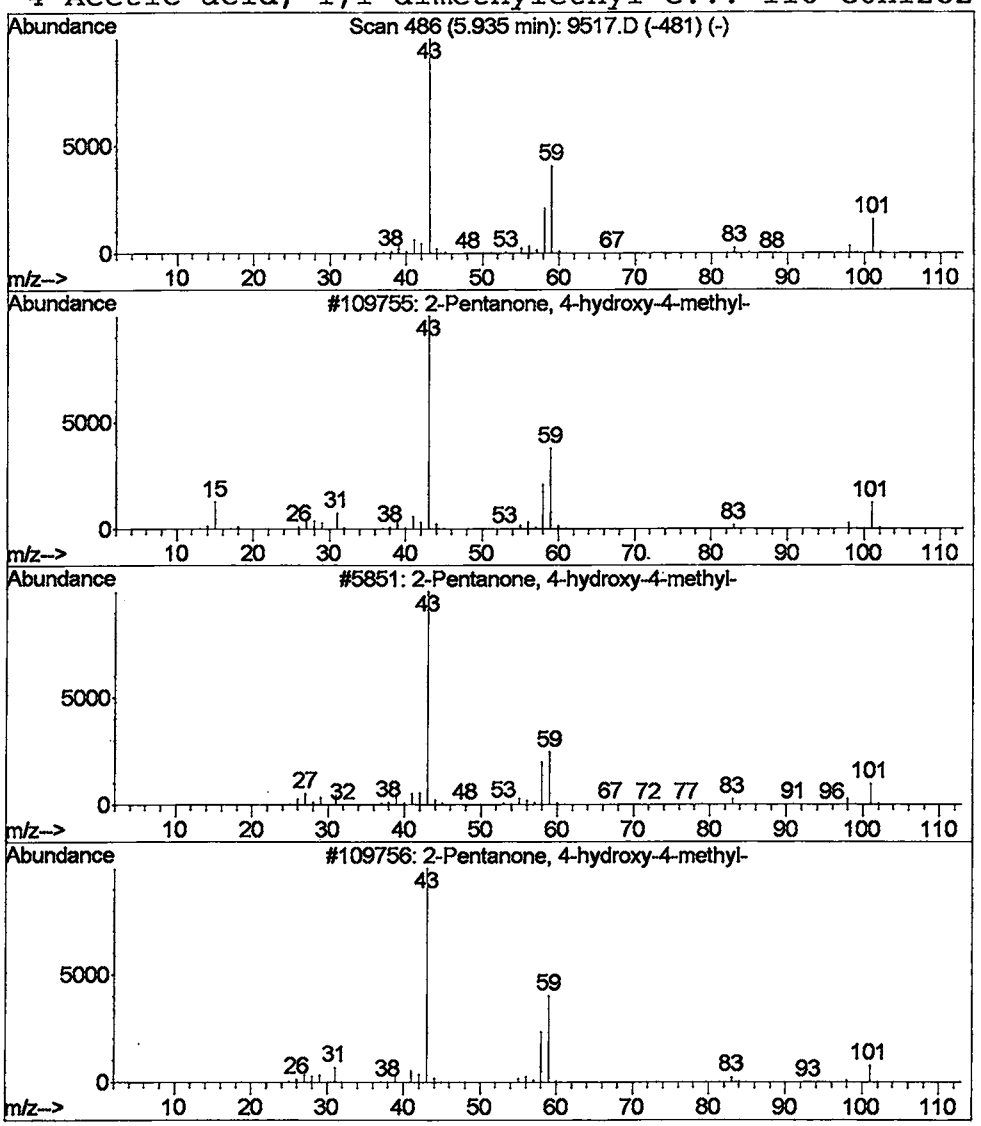
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

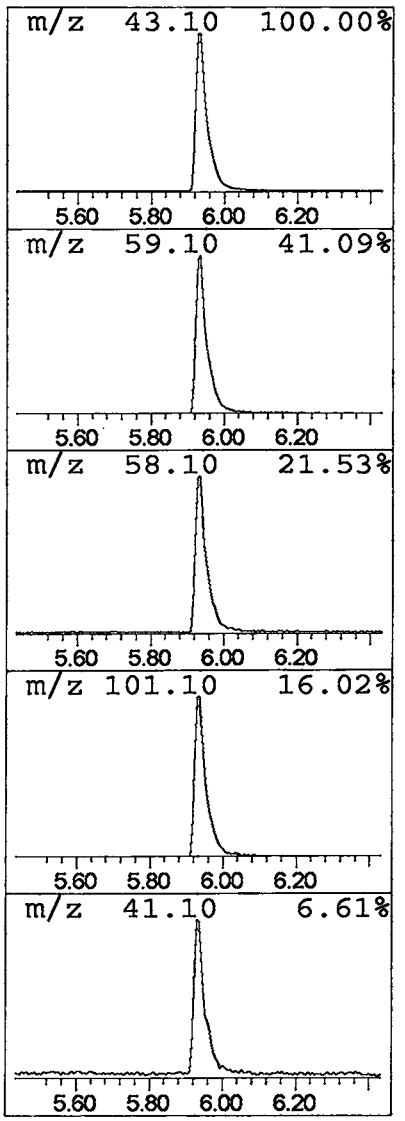
****

Peak Number 13 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	9.77 ug/L	6735830	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	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

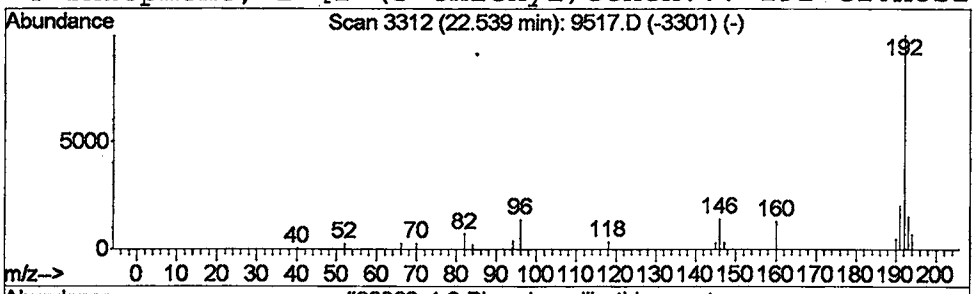
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

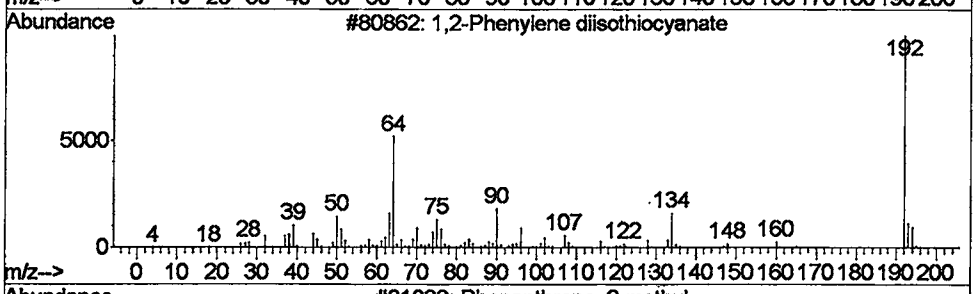
****

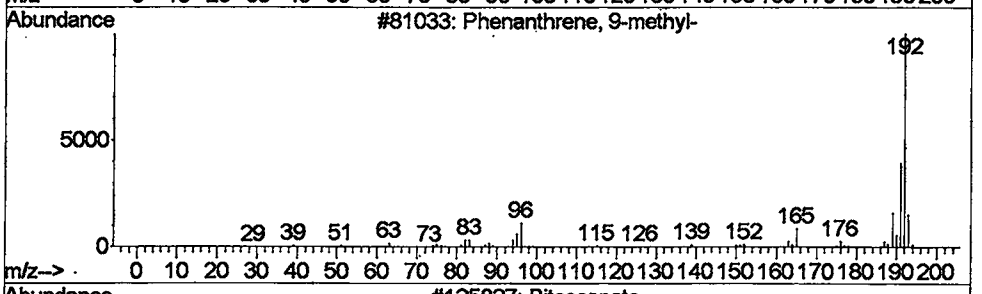
Peak Number 14 1,2-Phenylene diisothiocyanate Concentration Rank 14

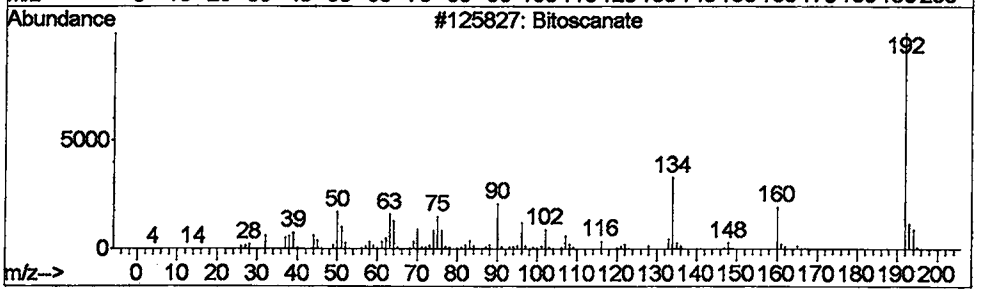
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.28 ug/L	285624	Phenanthranene-d10	22.91

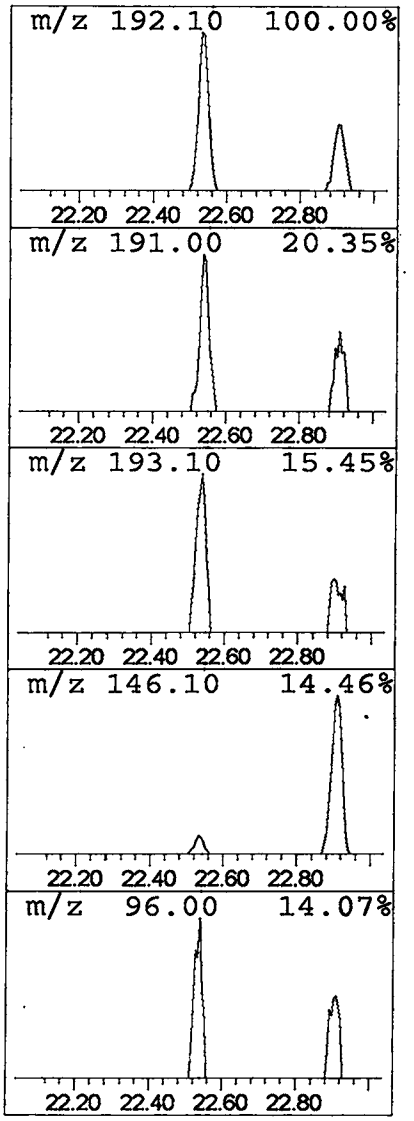
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	50
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	50
3	Bitoscanate	192	C8H4N2S2	004044-65-9	42
4	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	40











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

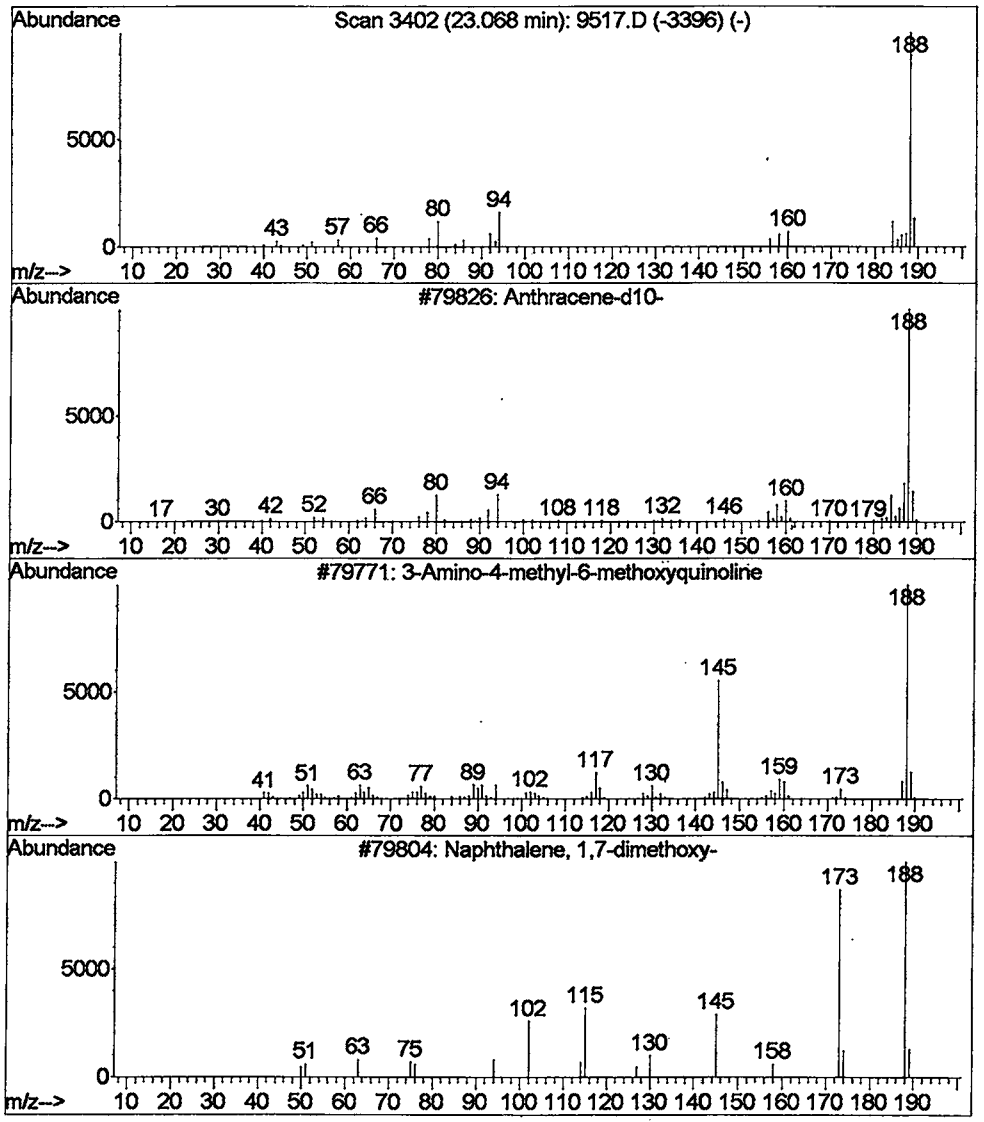
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

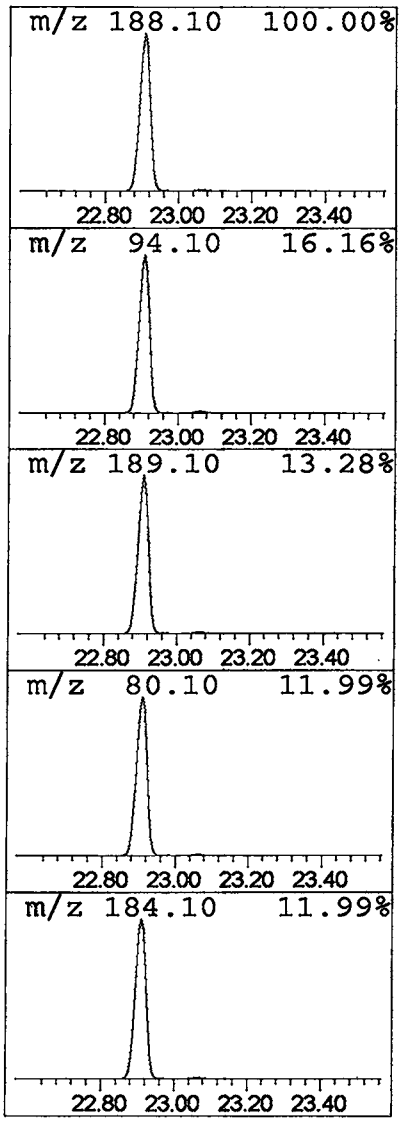
****

Peak Number 15 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.28 ug/L	284788	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40
4	Phenanthrene-d10	188	C14D10	001517-22-2	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

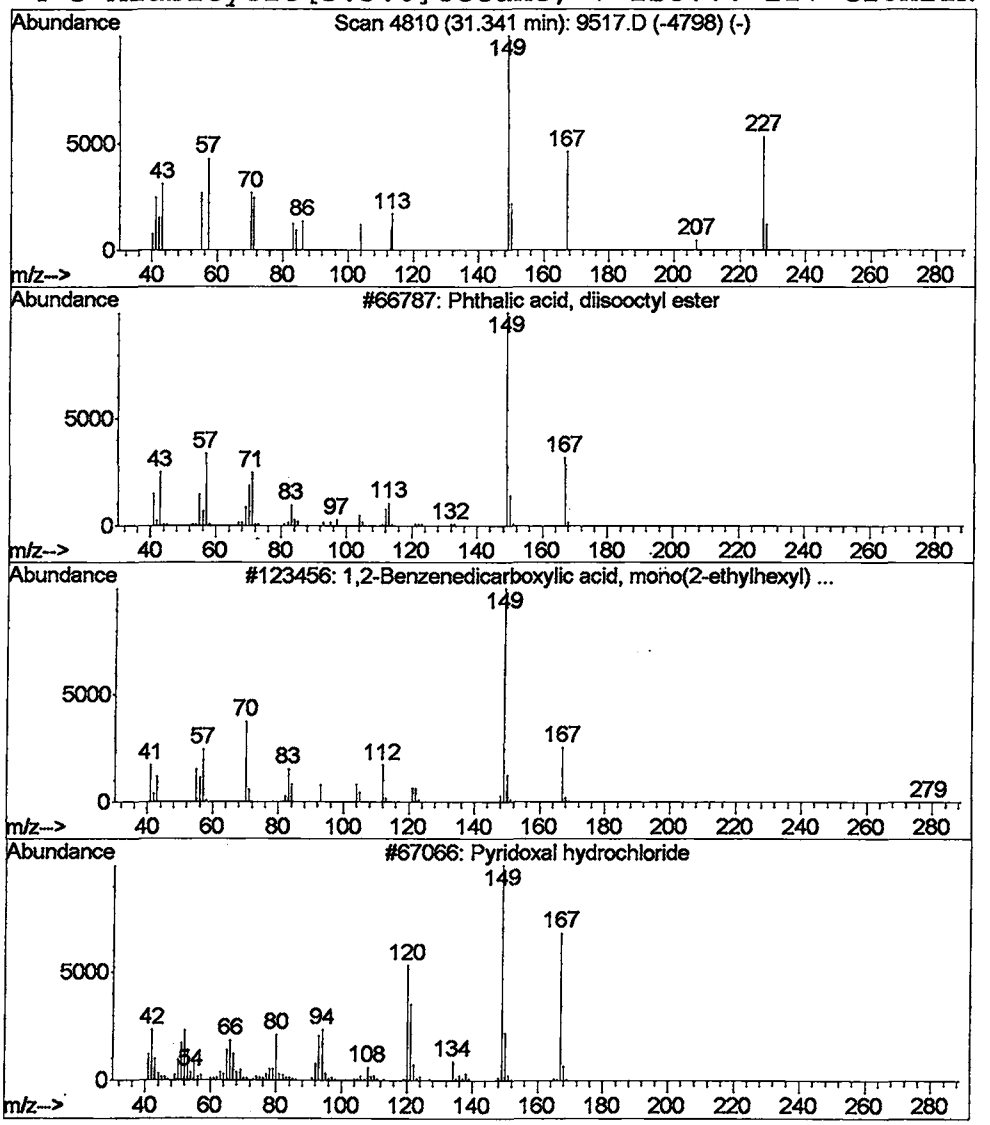
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

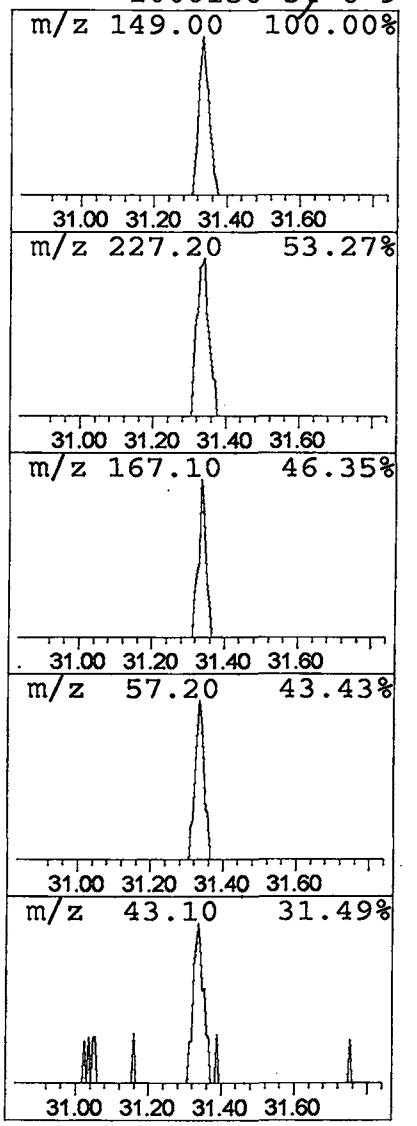
****

Peak Number 16 Phthalic acid, diisooctyl e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.34	0.23 ug/L	183434	Chrysene-d12	30.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	50
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	37
3	Pyridoxal hydrochloride	167	C8H9NO3	1000128-61-5	9
4	3-Azabicyclo[3.3.0]octane, 7-iso...	227	C16H21N	1000156-34-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

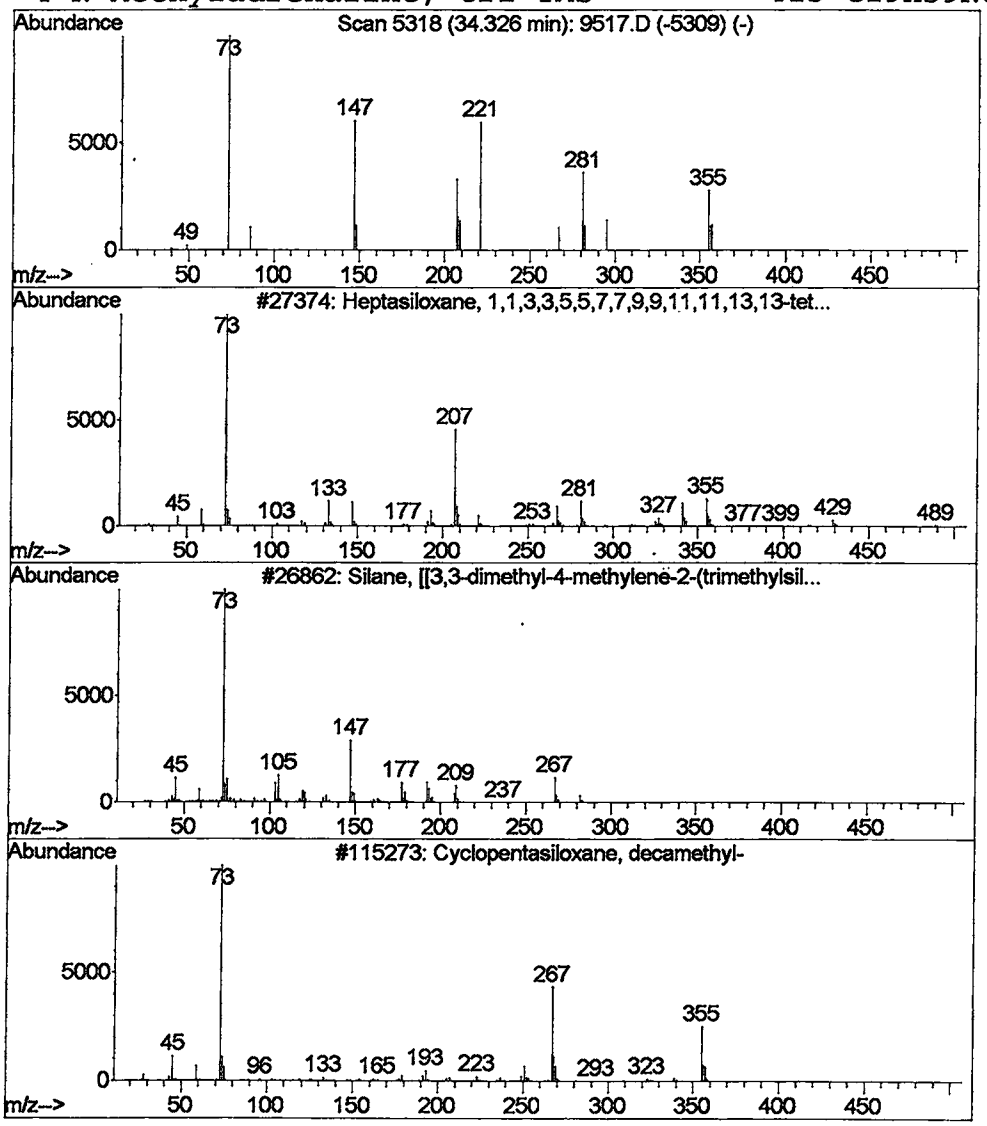
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

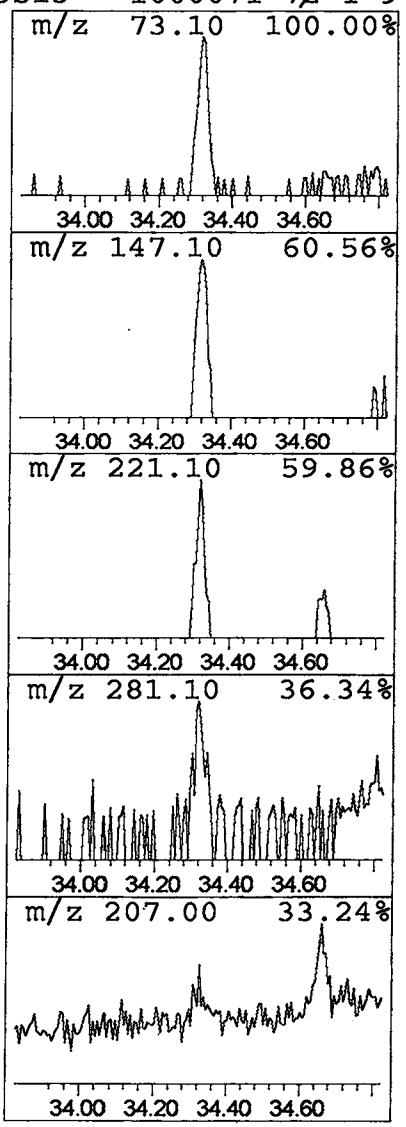
****

Peak Number 17 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.33	0.23 ug/L	117696	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	32
2	Silane, [[3,3-dimethyl-4-methyle...	282	C15H30OSi2	095798-07-5	10
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	9
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

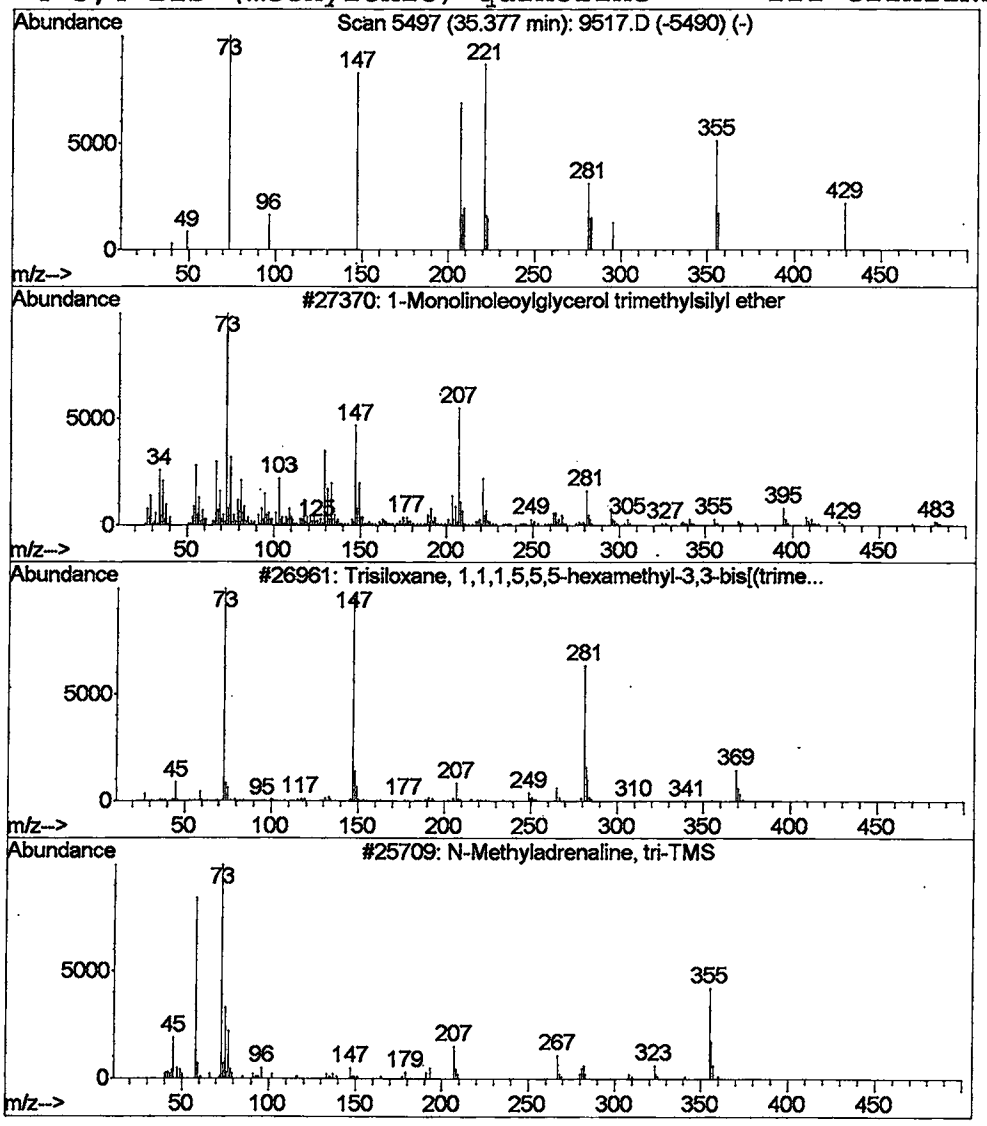
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

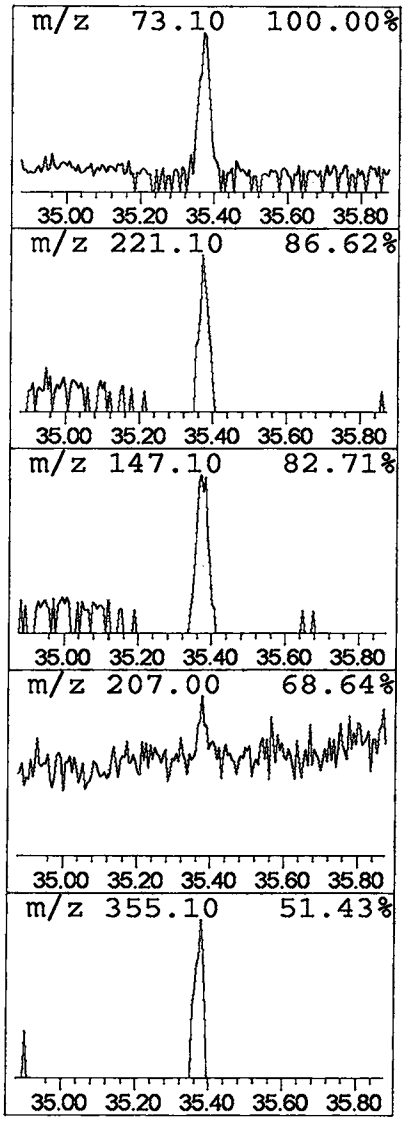
****

Peak Number 18 1-Monolinoleoylglycerol tri... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	0.32 ug/L	166981	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	25
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	10
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	10
4	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	1000147-85-8	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9517.D Vial: 13
Acq On : 21 May 2002 11:07 pm Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

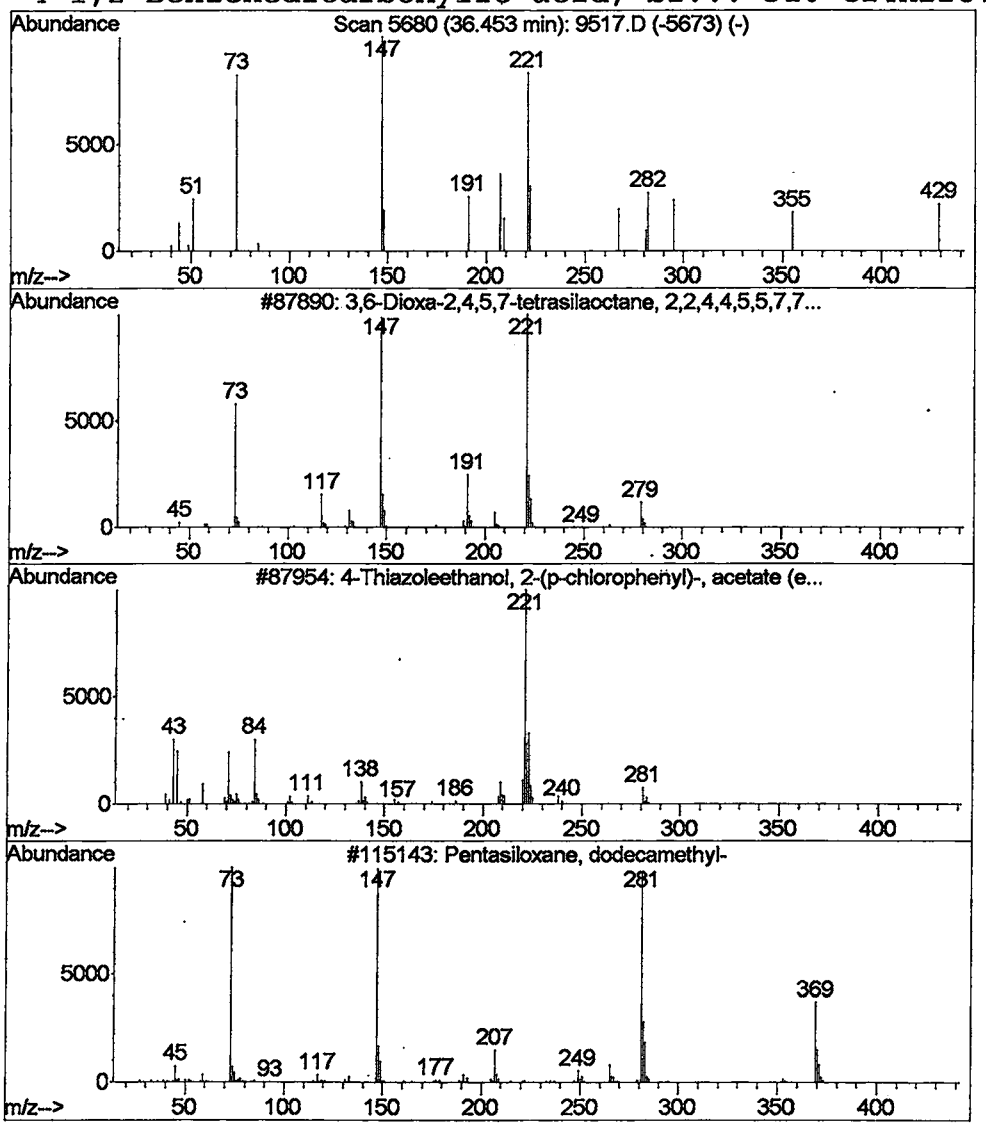
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

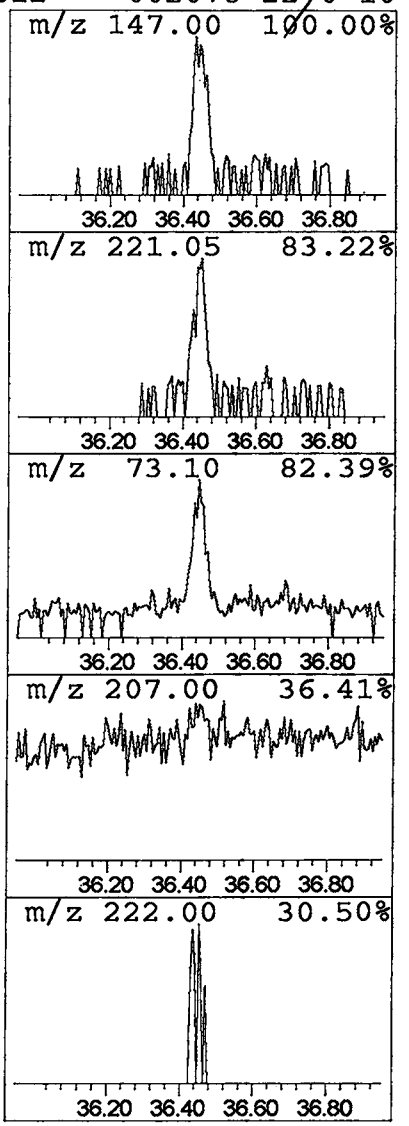
****

Peak Number 19 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.25 ug/L	130787	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	12
2	4-Thiazoleethanol, 2-(p-chloroph...	281	C13H12ClNO2S	027551-11-7	10
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	10
4	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	10





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 21 May 2002 11:07 pm
Data File: C:\MSDCHEM\1\DATA\052102\9517.D
Name: re-extract
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.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
Carbonic chloride...	3.24	0.2	ug/L	162497	1	9.90	27585900	40.0
Methylene Chloride	3.71	2.9	ug/L	2006450	1	9.90	27585900	40.0
2-Chloroethanol	3.76	1.3	ug/L	885003	1	9.90	27585900	40.0
Crotonic acid	3.81	2.3	ug/L	1571530	1	9.90	27585900	40.0
Methylene Chloride	3.90	1.1	ug/L	759667	1	9.90	27585900	40.0
Propiolonitrile	3.93	1.0	ug/L	666096	1	9.90	27585900	40.0
Krypton	3.97	0.5	ug/L	334427	1	9.90	27585900	40.0
Acetic acid, chlo...	3.99	1.6	ug/L	1124680	1	9.90	27585900	40.0
Methylene Chloride	4.28	3.0	ug/L	2058430	1	9.90	27585900	40.0
Krypton	4.52	0.4	ug/L	273793	1	9.90	27585900	40.0
Ethanol, 2,2,2-tr...	4.70	0.4	ug/L	309189	1	9.90	27585900	40.0
Cyclotrisiloxane,...	5.37	0.3	ug/L	206225	1	9.90	27585900	40.0
2-Pentanone, 4-hy...	5.93	9.8	ug/L	6735830	1	9.90	27585900	40.0
1,2-Phenylene dii...	22.54	0.3	ug/L	285624	4	22.91	40990700	40.0
Anthracene-d10-	23.07	0.3	ug/L	284788	4	22.91	40990700	40.0
Phthalic acid, di...	31.34	0.2	ug/L	183434	5	30.76	31955200	40.0
Heptasiloxane, 1,...	34.33	0.2	ug/L	117696	6	34.66	20709900	40.0
1-Monolinoleoylgl...	35.38	0.3	ug/L	166981	6	34.66	20709900	40.0
3,6-Dioxa-2,4,5,7...	36.45	0.3	ug/L	130787	6	34.66	20709900	40.0