User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 12:24:29

Sample: AE12322
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 12:24 Ended: 6/7/02 12:24 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		10.0

Comments for Sample AE12322 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 12:24:57

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 10:48:46 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 29 08:47:01 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	4337530	40.00 ug/L	0.00
10) Napthalene-d8	13.39	136	17261904	40.00 ug/L	-0.01
17) Acenapthalene-d10	18.53	164	9464950	40.00 ug/L	-0.01
29) Phenanthranene-d10	22.91	188	14156211	40.00 ug/L	-0.01
37) Chrysene-d12	30.76	240	8162032	40.00 ug/L	-0.05
43) Perylene-d12	34.65	264	3955366	40.00 ug/L	-0.03
System Monitoring Compounds					
27) TCMX	20.50	209	2003872	36.74 ug/L	-0.01
Spiked Amount 40.000			Recovery = 91.85%		
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	33399	N.D.	
30) Nnitrosodiphenylamine	20.50	169	40483	0.28 ug/L #	64
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	23110	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 10:48:46 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 29 08:47:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

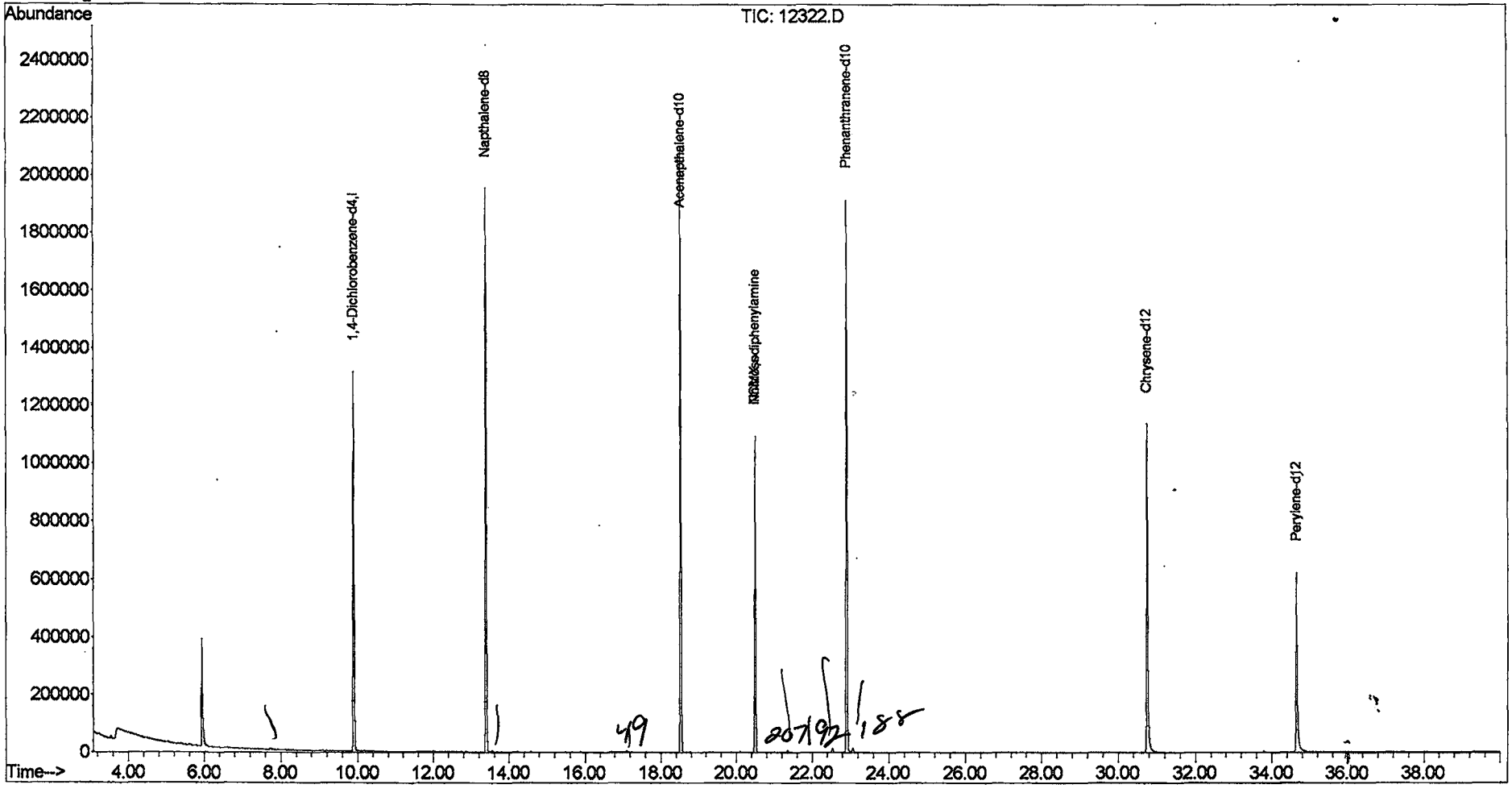
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	0.00	228	0	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149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

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 10:48 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 29 08:47:01 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052902\12322.D
Acq On : 29 May 2002 5:25 pm
Sample : gc/ms scan 5/24
Misc :
MS Integration Params: LSCINT.e

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

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

Signal : TIC

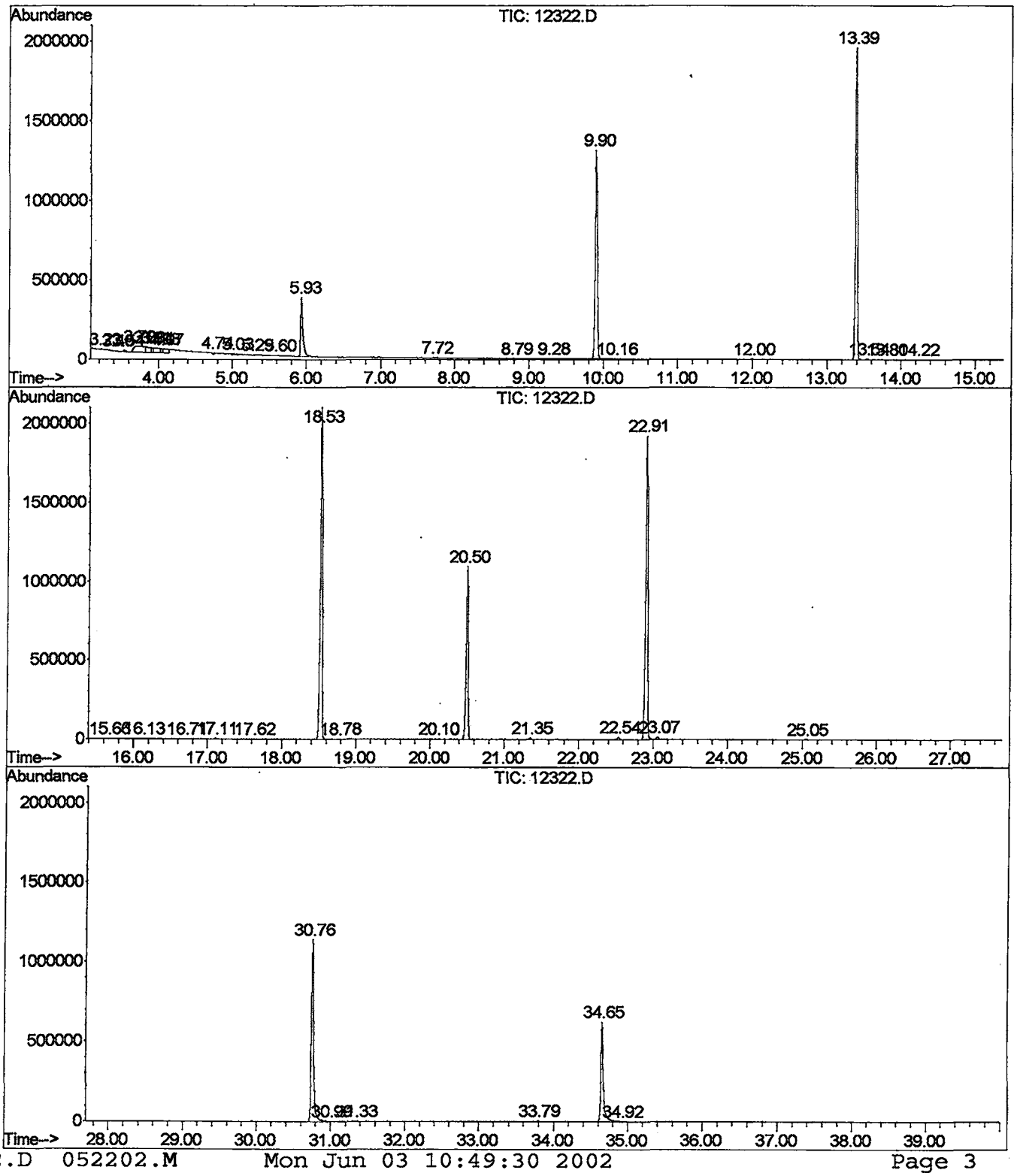
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.232	22	26	30	PV 5	4440	68220	0.18%	0.031%
2	3.397	53	54	66	PV 3	2565	37282	0.10%	0.017%
3	3.538	74	78	89	VV 5	9632	178982	0.46%	0.083%
4	3.696	93	105	126	PV 5	37908	3433148	8.83%	1.583%
5	3.826	126	127	140	VV 4	34294	1595979	4.10%	0.736%
6	3.914	140	142	145	VV 2	29844	444061	1.14%	0.205%
7	3.937	145	146	161	VV 6	30162	1523804	3.92%	0.703%
8	4.031	161	162	166	VV 4	25284	493325	1.27%	0.227%
9	4.072	166	169	181	VV 9	24275	1201405	3.09%	0.554%
10	4.742	282	283	285	VV 2	8552	98705	0.25%	0.046%
11	5.030	326	332	340	VV 8	6441	256783	0.66%	0.118%
12	5.283	373	375	379	VV 3	3489	50685	0.13%	0.023%
13	5.600	425	429	442	VV 3	3009	116316	0.30%	0.054%
14	5.935	476	486	526	PV	367895	7863244	20.21%	3.625%
15	7.715	783	789	801	PV 7	3504	109782	0.28%	0.051%
16	8.790	963	972	976	PV 7	1951	46237	0.12%	0.021%
17	9.278	1052	1055	1065	PV 7	1716	31265	0.08%	0.014%
18	9.895	1150	1160	1177	PV	1290945	25856647	66.47%	11.921%
19	10.165	1201	1206	1216	PV 5	1461	17111	0.04%	0.008%
20	12.004	1514	1519	1525	PV 3	2861	51816	0.13%	0.024%
21	13.391	1744	1755	1774	VV	1924672	35166679	90.40%	16.214%
22	13.544	1774	1781	1792	VV	5699	123070	0.32%	0.057%
23	13.796	1813	1824	1831	PV 7	1701	41177	0.11%	0.019%
24	14.225	1892	1897	1902	VV 5	2134	36322	0.09%	0.017%
25	15.659	2135	2141	2149	VV 6	1763	36682	0.09%	0.017%
26	16.123	2212	2220	2227	PV 4	1887	36129	0.09%	0.017%
27	16.705	2309	2319	2331	VV 5	3136	69203	0.18%	0.032%
28	17.110	2383	2388	2398	VV 4	6435	103971	0.27%	0.048%
29	17.621	2469	2475	2481	PV 3	2980	45436	0.12%	0.021%
30	18.526	2619	2629	2647	VV	2053882	38902384	100.00%	17.936%
31	18.779	2660	2672	2680	VV 5	2577	45409	0.12%	0.021%
32	20.101	2890	2897	2903	PV 3	3080	51087	0.13%	0.024%
33	20.500	2951	2965	2981	PV	1075910	19887585	51.12%	9.169%
34	21.352	3100	3110	3118	BV 2	8061	122354	0.31%	0.056%
35	22.533	3300	3311	3322	PV 2	14345	258497	0.66%	0.119%
36	22.909	3350	3375	3396	PV 2	1928240	38355252	98.59%	17.684%
37	23.068	3396	3402	3409	VV 2	13940	268507	0.69%	0.124%

38	29.048	3727	3739	3750	PV	2	1592	31448	0.08%	0.014%
39	30.753	4696	4710	4749	PV	2	1123924	25106472	64.54%	11.575%
40	30.994	4749	4751	4760	VV	5	2358	65435	0.17%	0.030%
41	31.335	4805	4809	4813	PV	3	1384	17649	0.05%	0.008%
42	33.791	5222	5227	5233	VV	3	5548	91523	0.24%	0.042%
43	34.649	5355	5373	5417	PV		612663	14547959	37.40%	6.707%
44	34.913	5417	5418	5420	VV		1389	8216	0.02%	0.004%

Sum of corrected areas: 216893244

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052902\12322.D
Operator : McLean
Acquired : 29 May 2002 5:25 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 5/24
Misc Info :
Vial Number: 10
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12322.D
Acq On : 29 May 2002 5:25 pm
Sample : gc/ms scan 5/24
Misc :
MS Integration Params: LSCINT.e

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

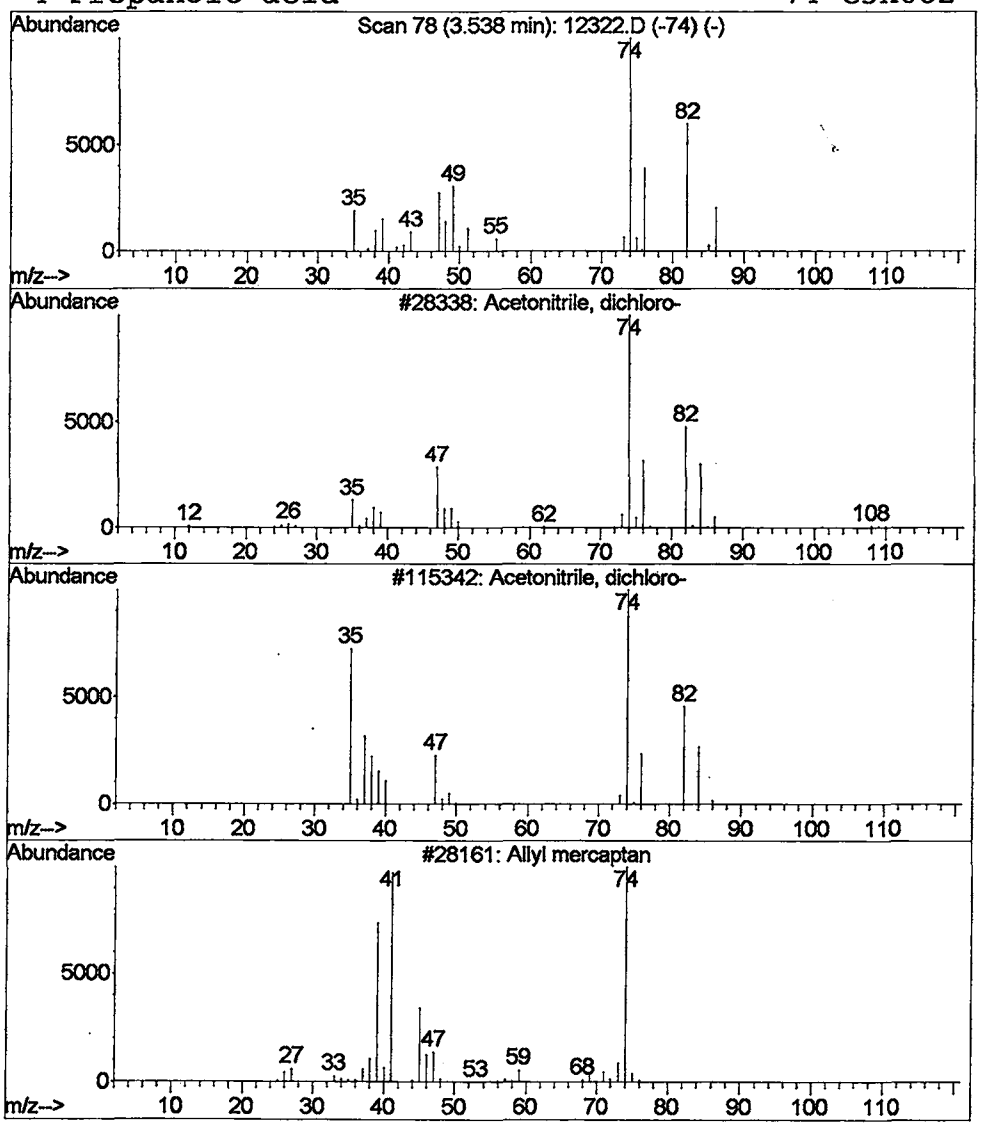
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

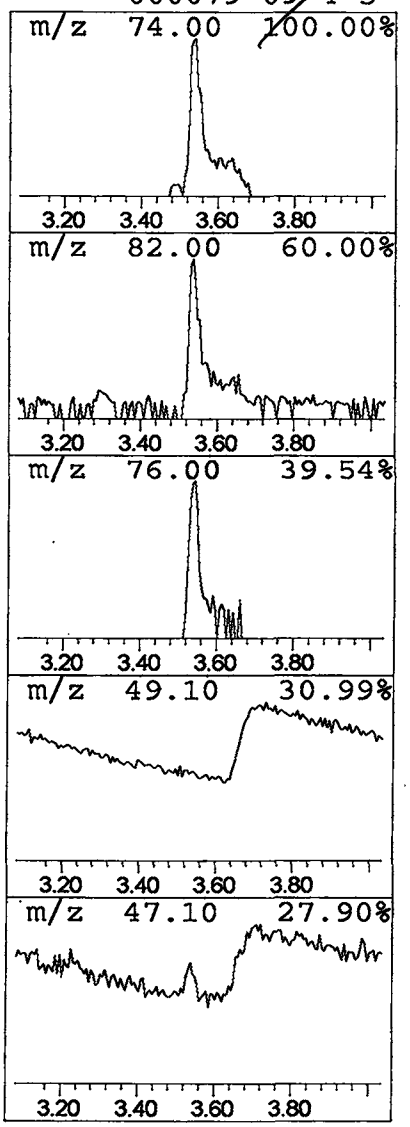
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	0.28 ug/L	178982	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	43
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	32
3	Allyl mercaptan	74	C3H6S	000870-23-5	9
4	Propanoic acid	74	C3H6O2	000079-09-4	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12322.D
Acq On : 29 May 2002 5:25 pm
Sample : gc/ms scan 5/24
Misc :
MS Integration Params: LSCINT.e

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

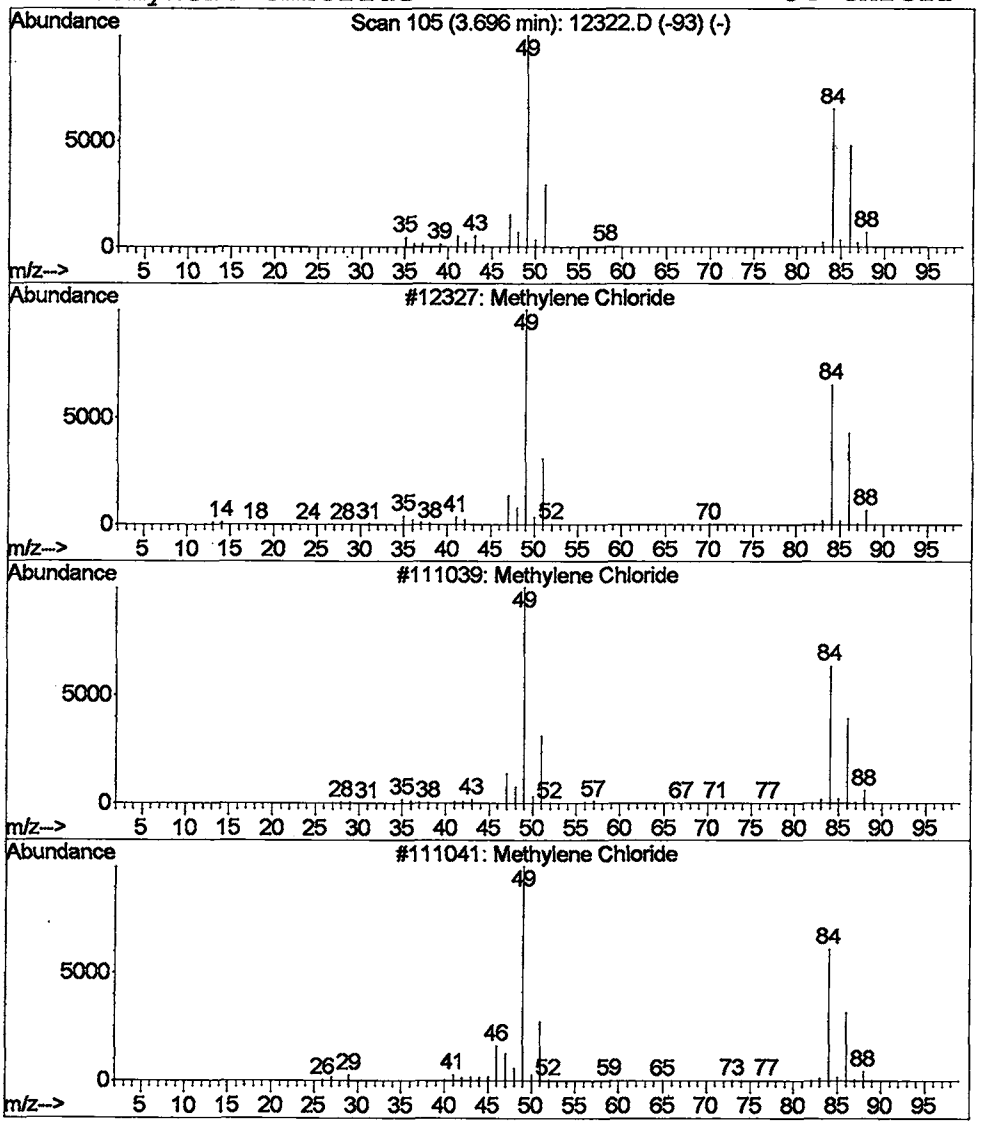
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

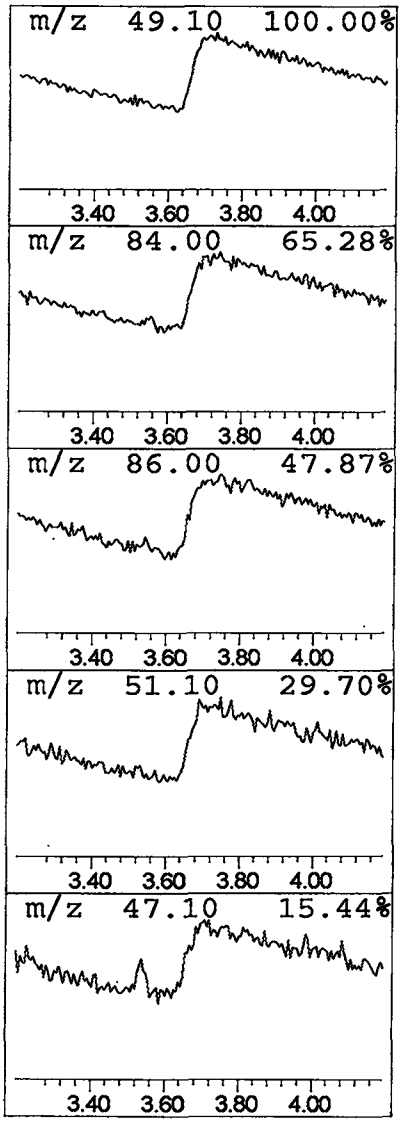
****

Peak Number 2 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	5.31 ug/L	3433150	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	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	90
4	Methylene Chloride	84	CH2Cl2	000075-09-2	74





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

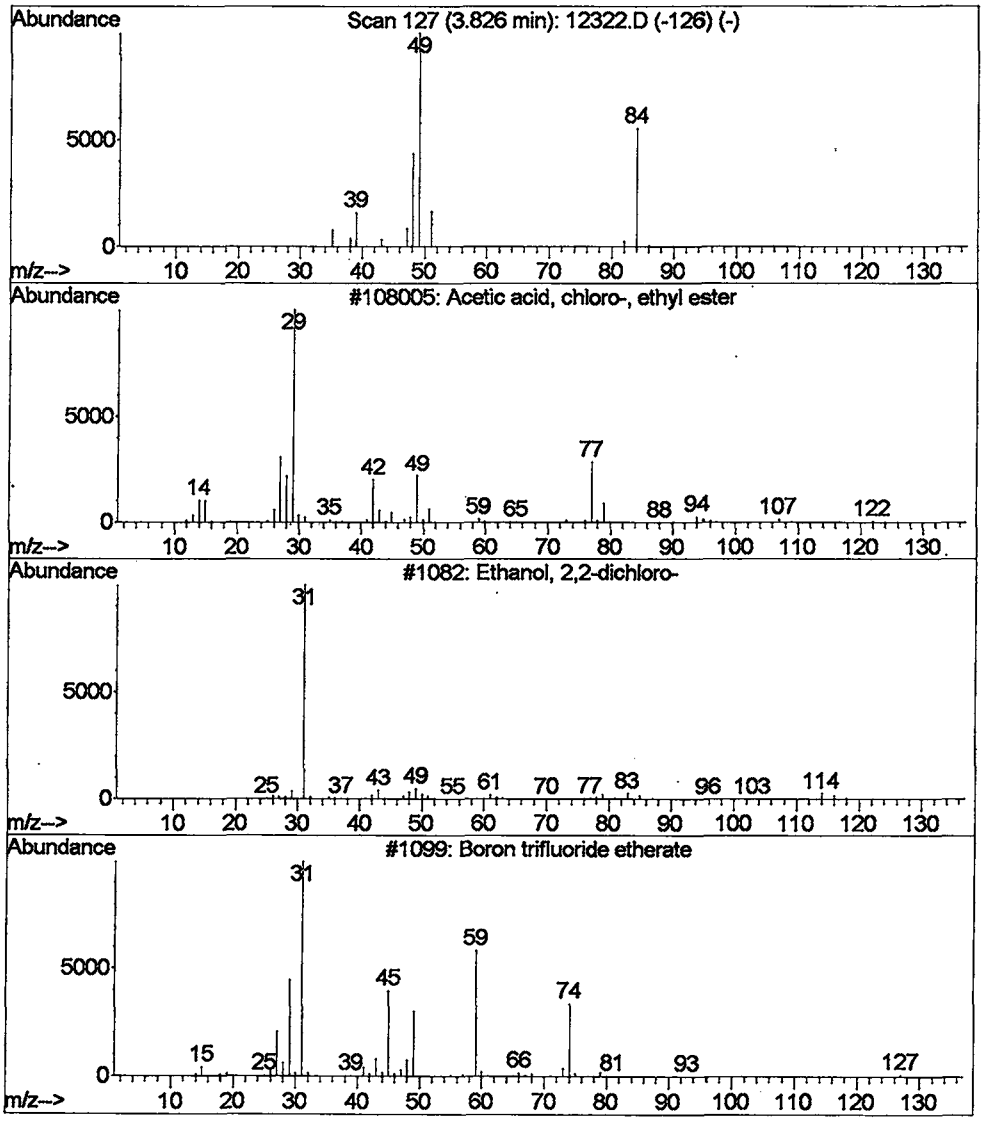
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

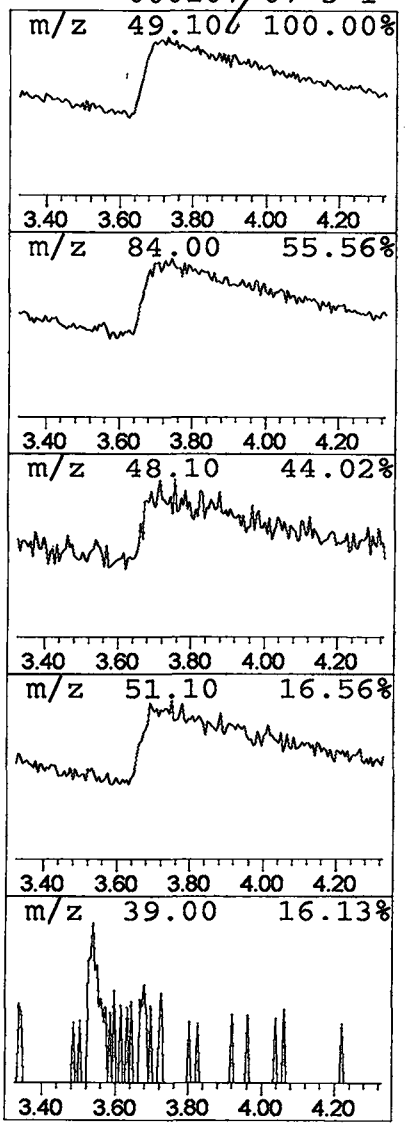
****

Peak Number 3 Acetic acid, chloro-, ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.47 ug/L	1595980	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	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

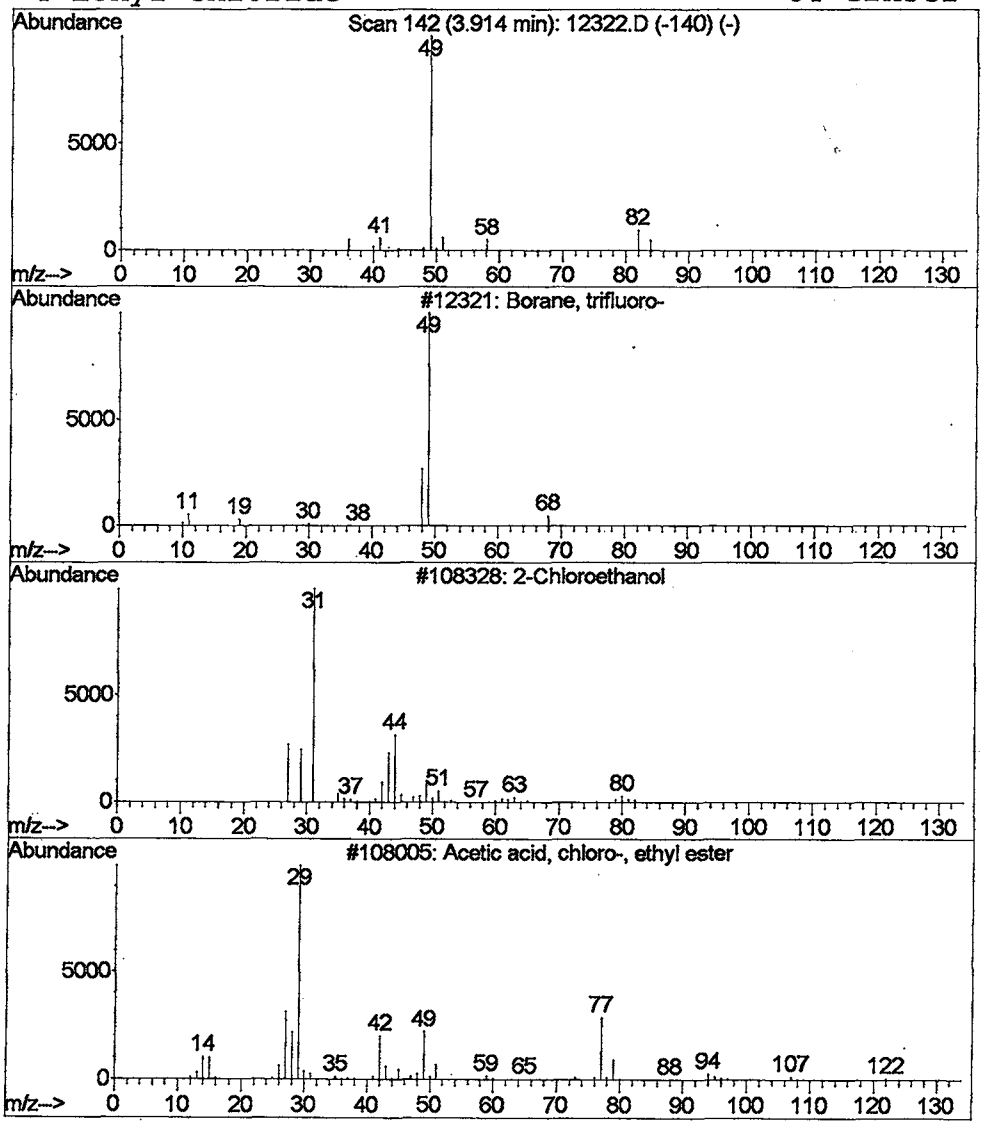
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

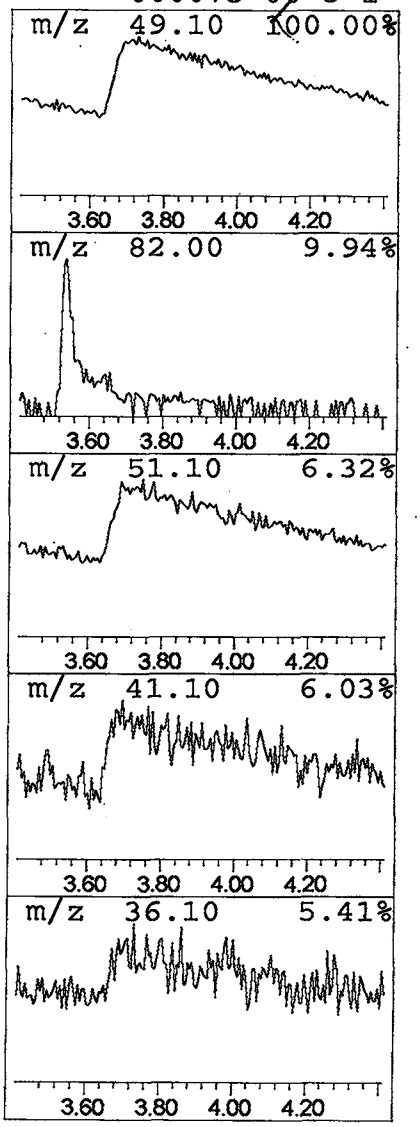
****

Peak Number 4 Borane, trifluoro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	0.69 ug/L	444061	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, trifluoro-	68	BF3	007637-07-2	1
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	1





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

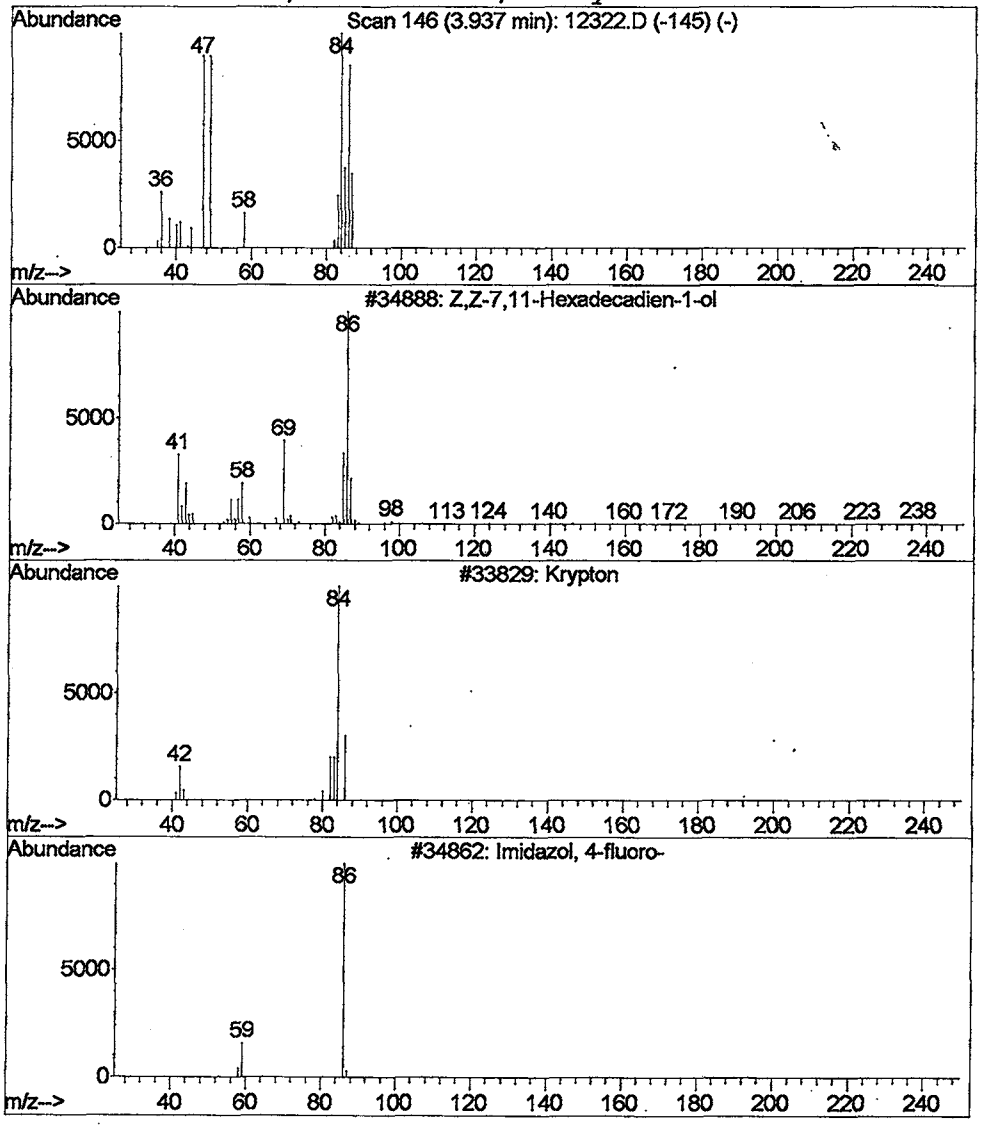
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

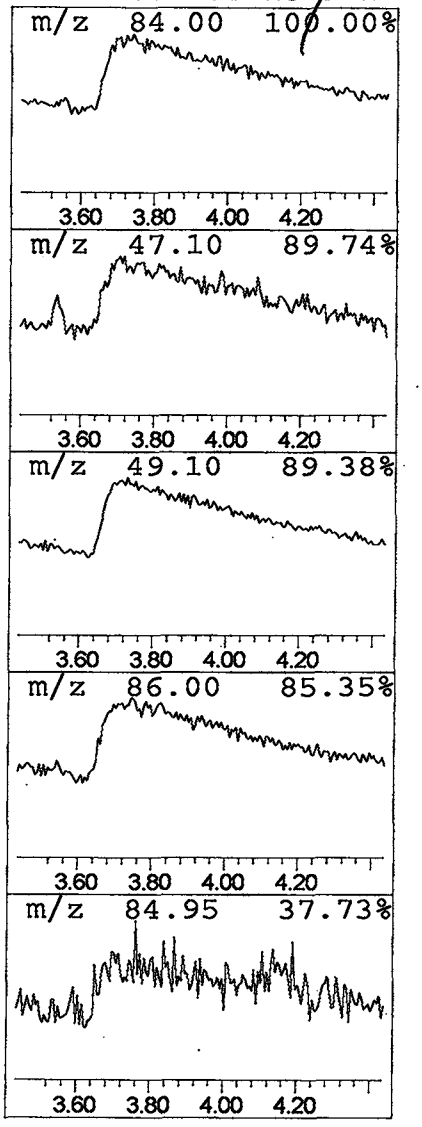
****

Peak Number 5 Z,Z-7,11-Hexadecadien-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	2.36 ug/L	1523800	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z,Z-7,11-Hexadecadien-1-ol	238	C16H30O	1000131-01-4	9
2	Krypton	84	Kr	007439-90-9	4
3	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
4	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

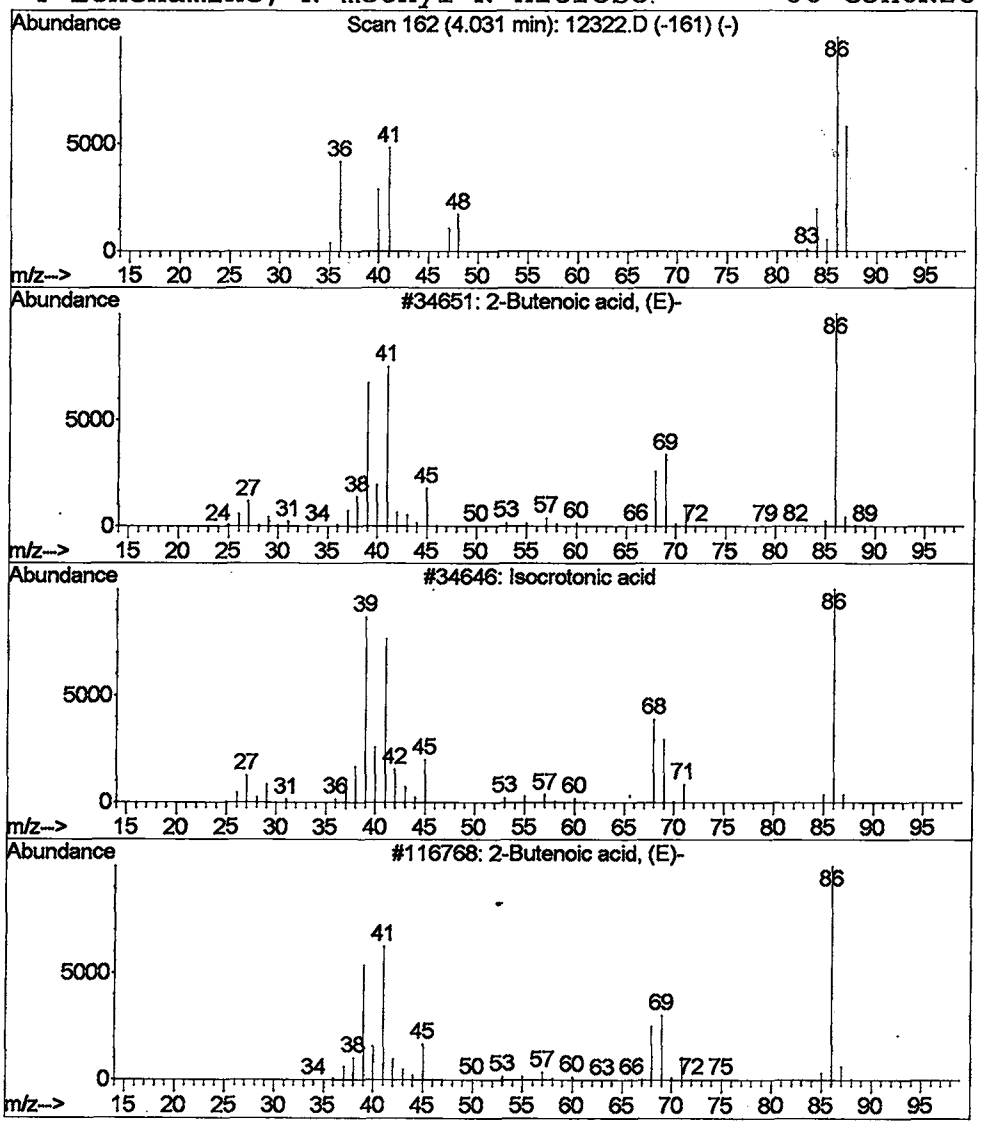
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

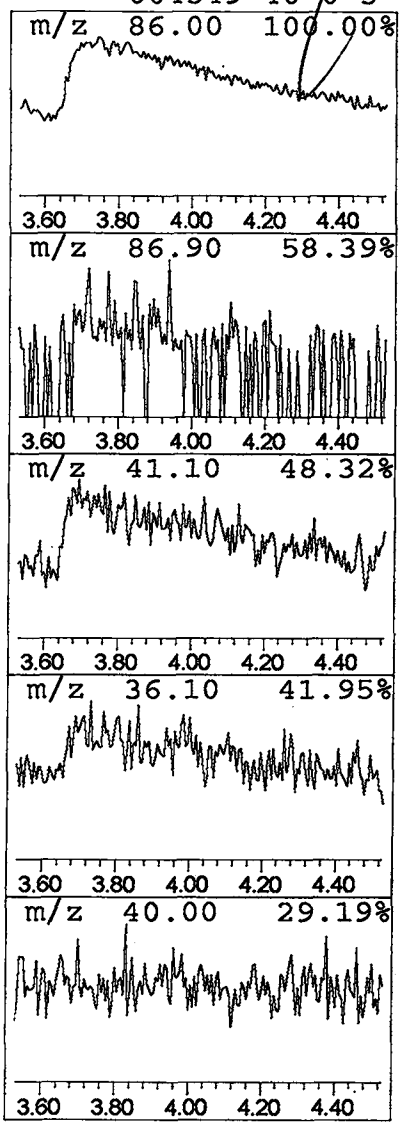
****

Peak Number 6 2-Butenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	0.76 ug/L	493325	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	7
2	Isocrotonic acid	86	C4H6O2	000503-64-0	7
3	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	5
4	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

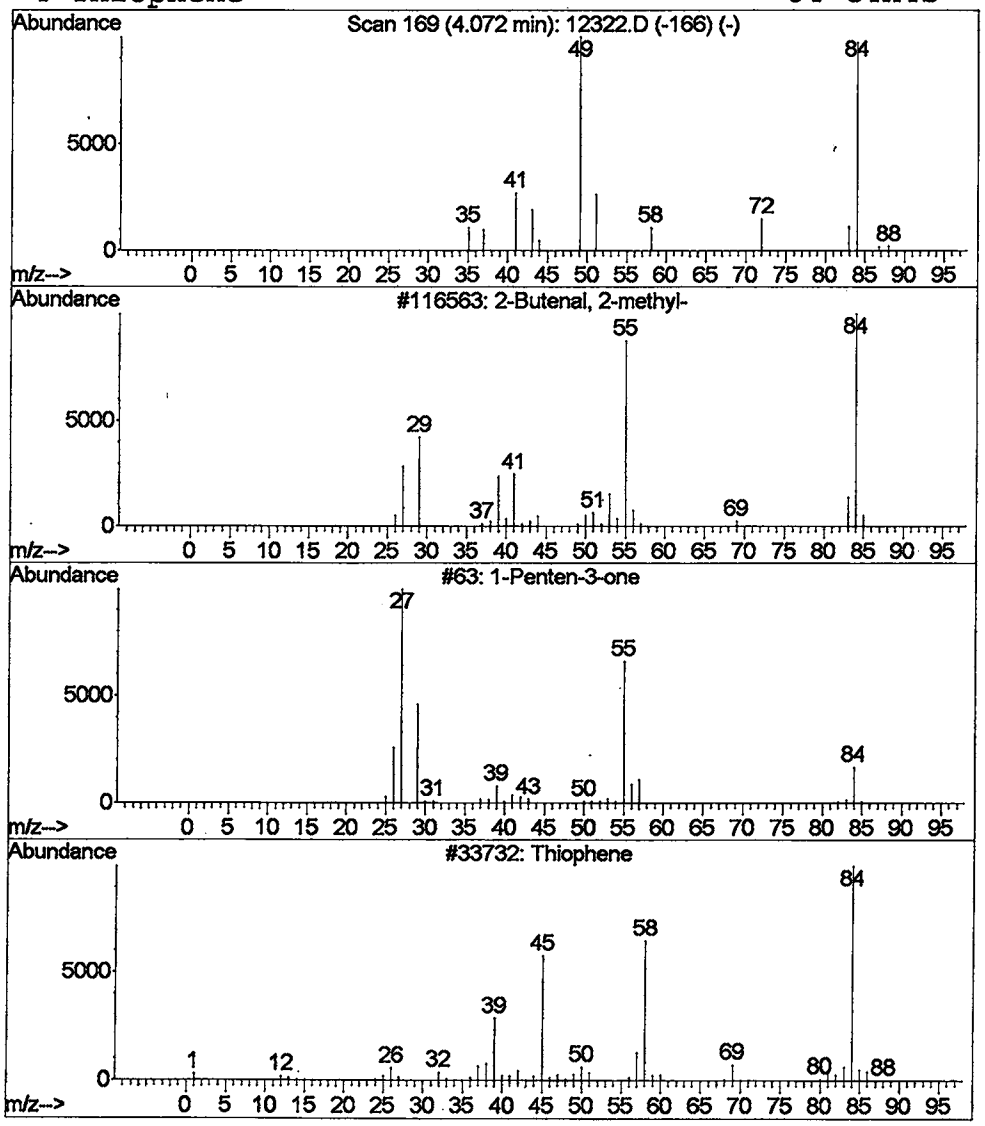
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

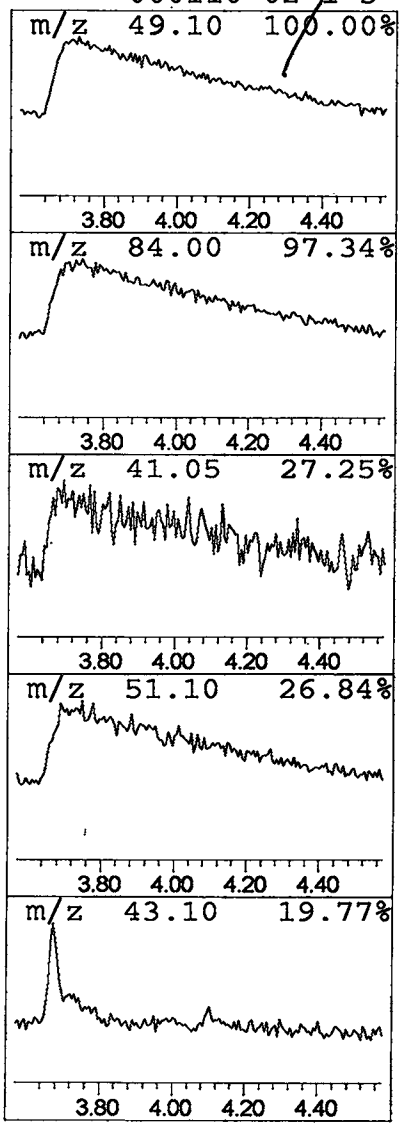
****

Peak Number 7 2-Butenal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	1.86 ug/L	1201410	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	7
2	1-Penten-3-one	84	C5H8O	001629-58-9	7
3	Thiophene	84	C4H4S	000110-02-1	5
4	Thiophene	84	C4H4S	000110-02-1	5





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

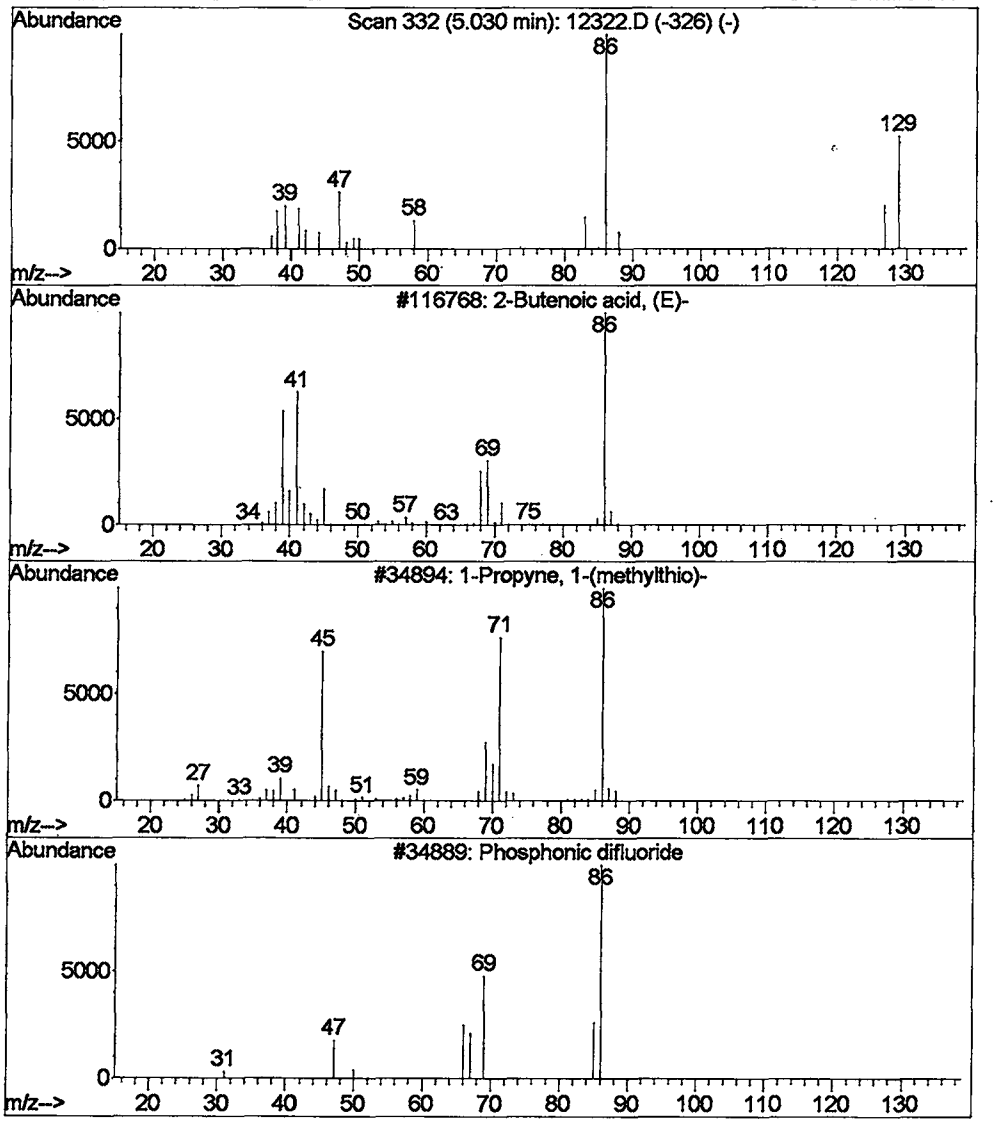
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

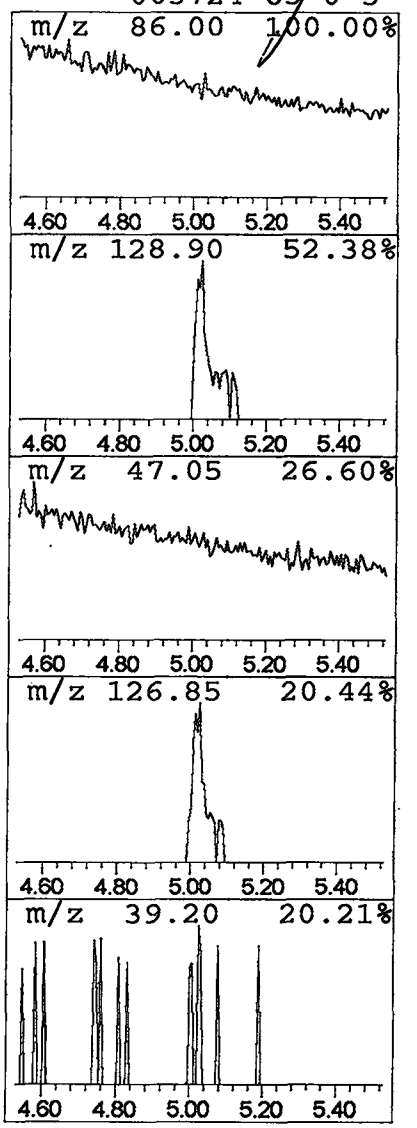
****

Peak Number 8 2-Butenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.40 ug/L	256783	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	7
2	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	7
3	Phosphonic difluoride	86	F2HOP	014939-34-5	7
4	Crotonic acid	86	C4H6O2	003724-65-0	5





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

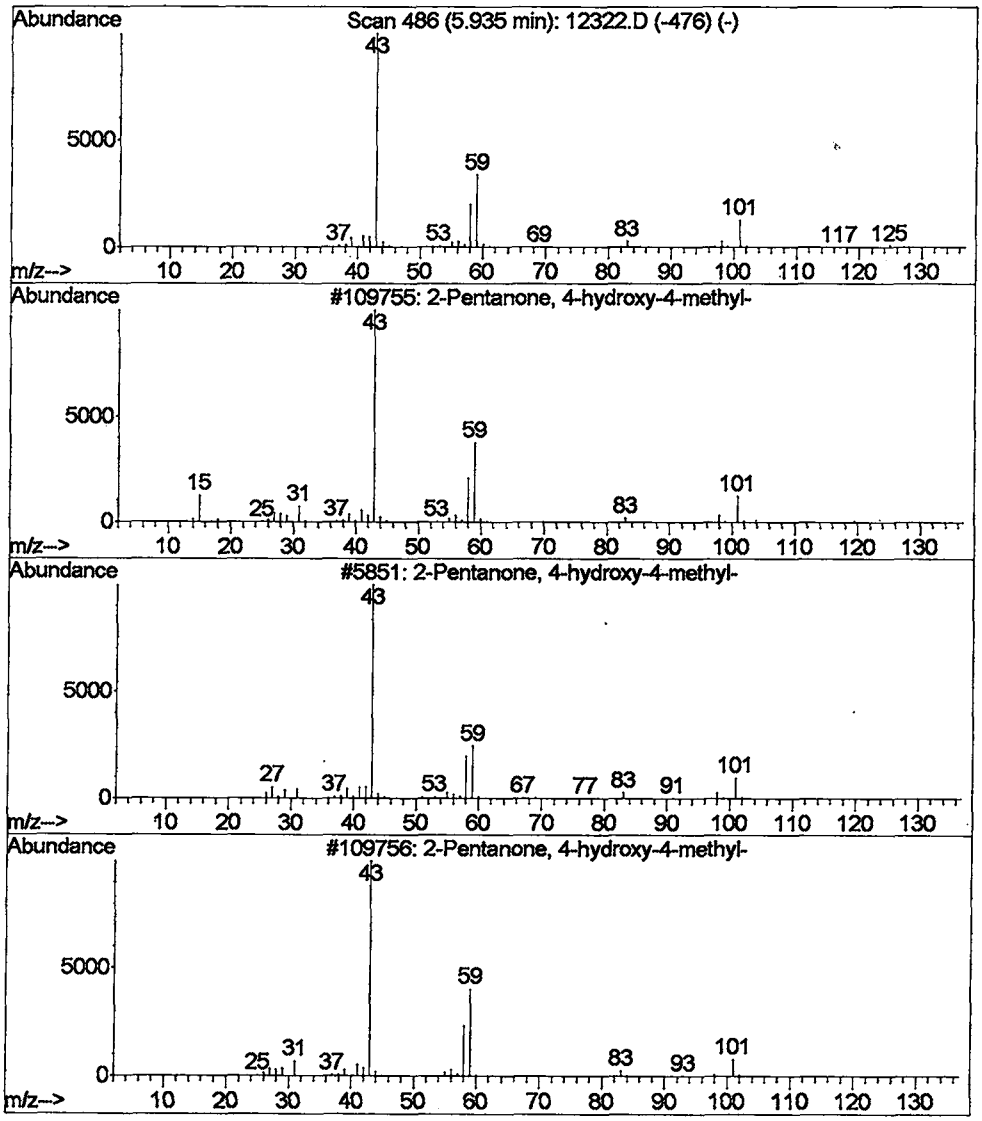
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

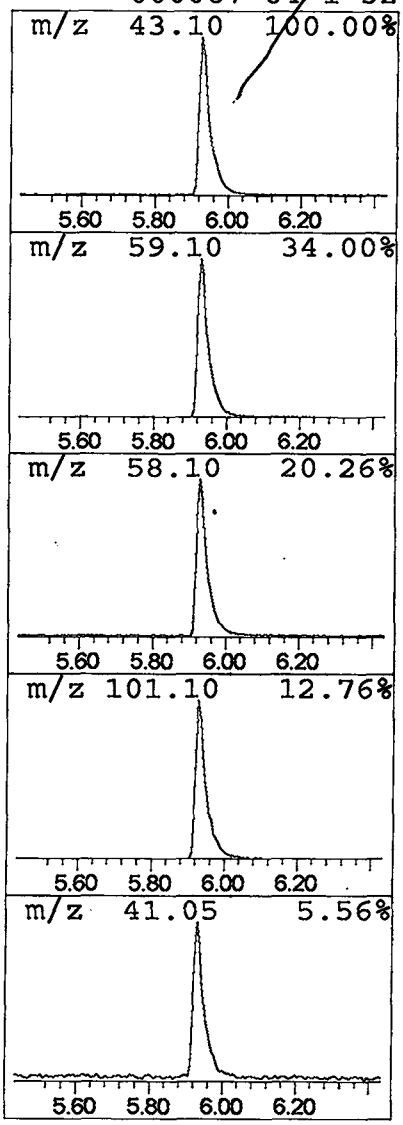
****

Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	12.16 ug/L	7863240	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	86
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	Acetone	58	C3H6O	000067-64-1	32





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

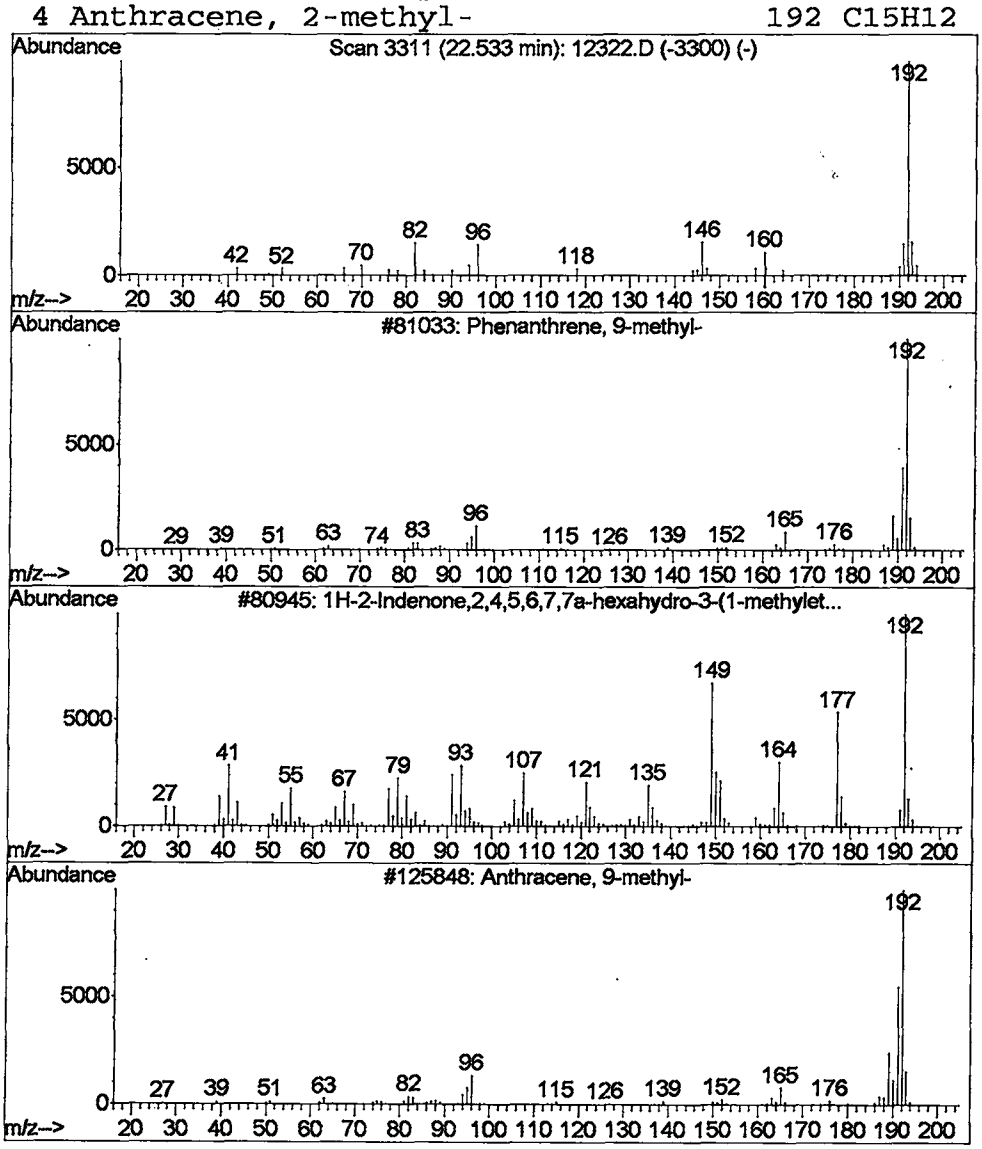
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

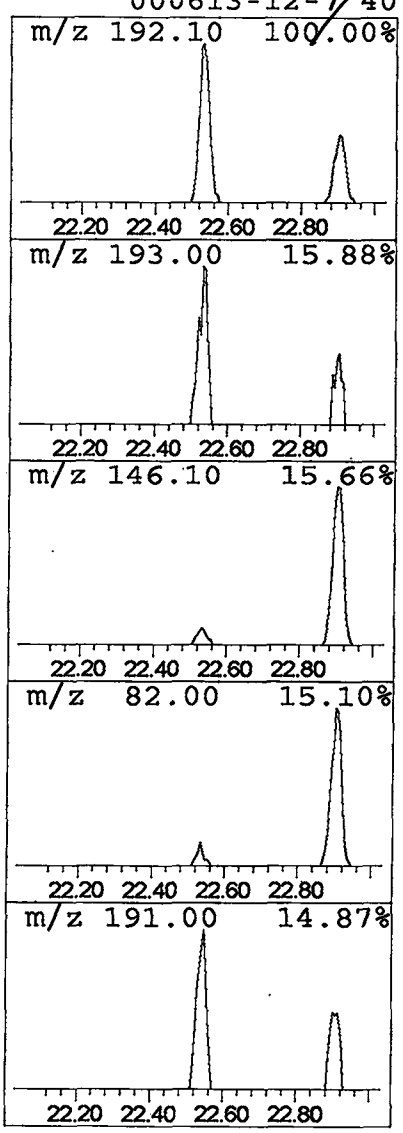
****

Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.27 ug/L	258497	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	40





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

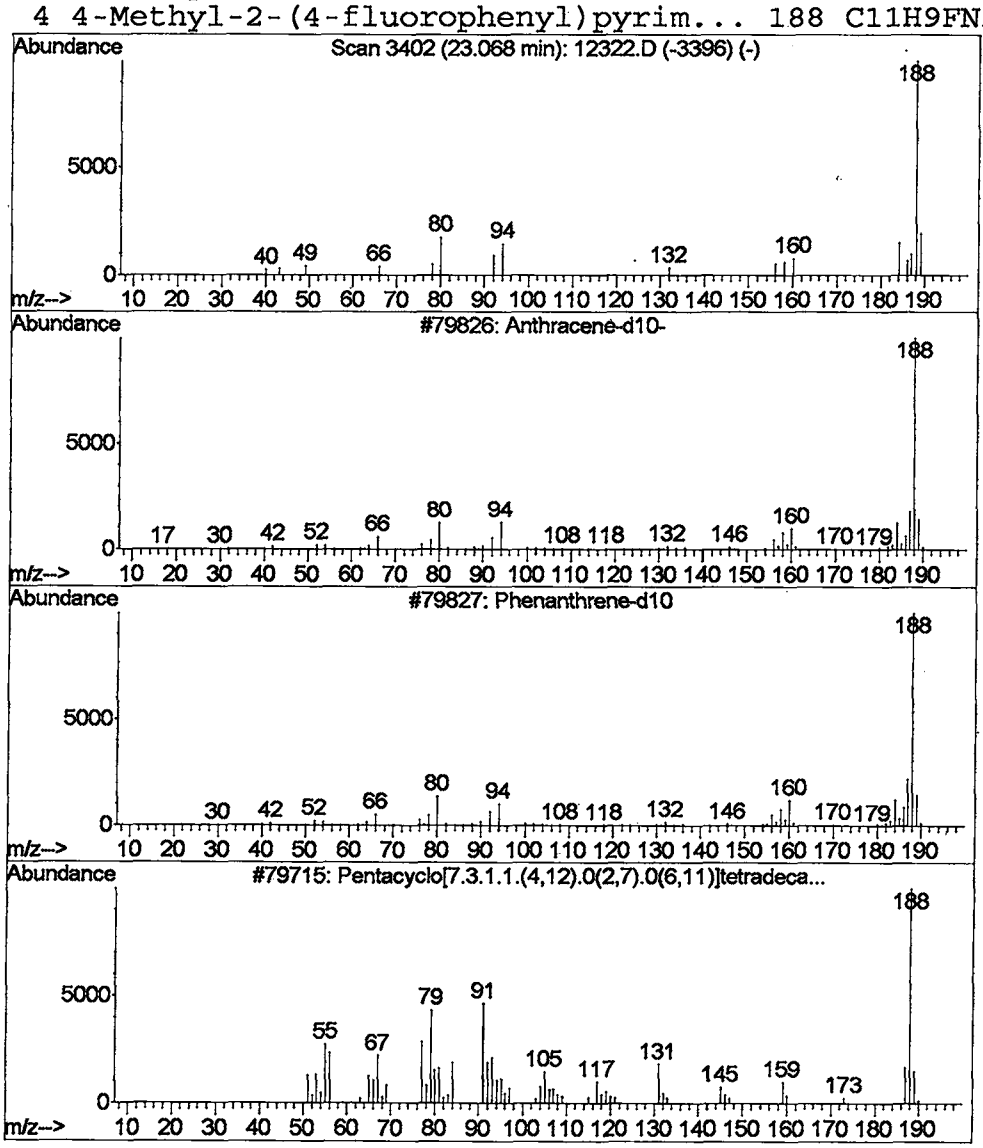
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

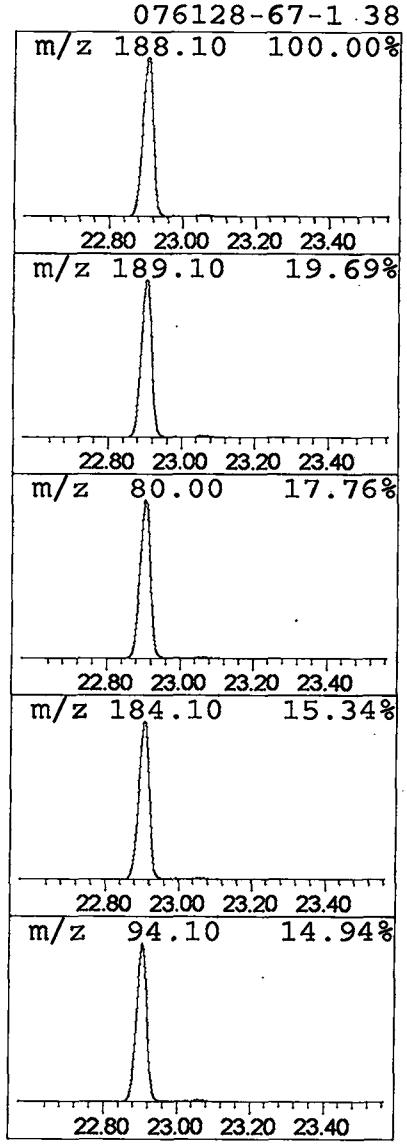
****

Peak Number 11 Anthracene-d10- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.28 ug/L	268507	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	78
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	45
4	4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	38





Data File : C:\MSDCHEM\1\DATA\052902\12322.D Vial: 10
Acq On : 29 May 2002 5:25 pm Operator: McLean
Sample : gc/ms scan 5/24 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

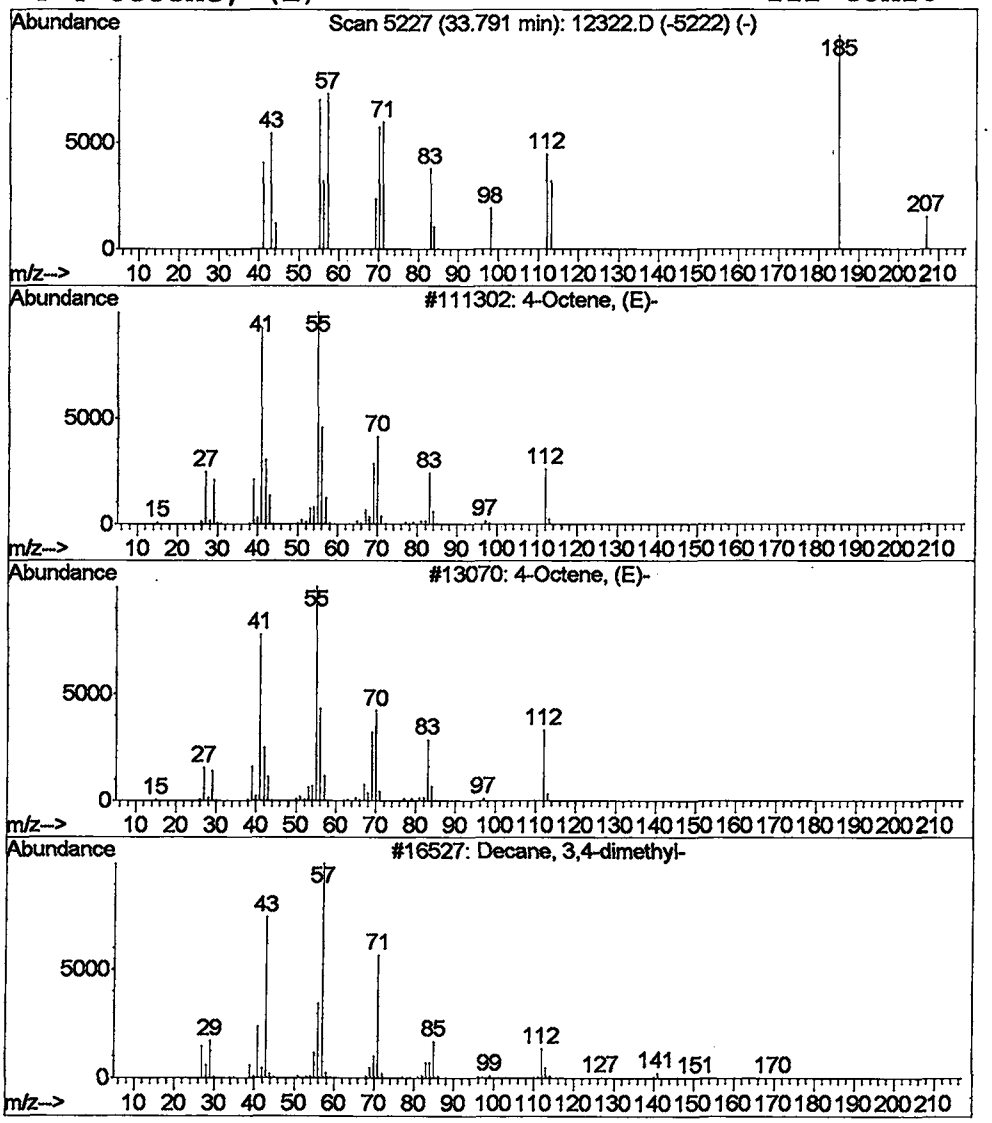
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

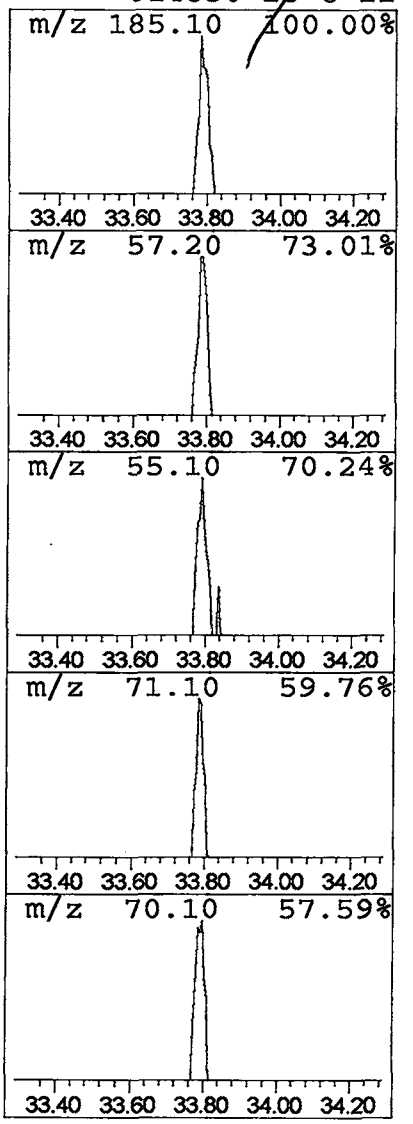
****

Peak Number 12 4-Octene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.79	0.25 ug/L	91523	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, (E)-	112	C8H16	014850-23-8	27
2	4-Octene, (E)-	112	C8H16	014850-23-8	27
3	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	27
4	4-Octene, (E)-	112	C8H16	014850-23-8	22





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 29 May 2002 5:25 pm
Data File: C:\MSDCHEM\1\DATA\052902\12322.D
Name: gc/ms scan 5/24
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
Acetonitrile, dic...	3.54	0.3	ug/L	178982	1	9.90	25856600	40.0
Methylene Chloride	3.70	5.3	ug/L	3433150	1	9.90	25856600	40.0
Acetic acid, chlo...	3.83	2.5	ug/L	1595980	1	9.90	25856600	40.0
Borane, trifluoro-	3.91	0.7	ug/L	444061	1	9.90	25856600	40.0
Z,Z-7,11-Hexadeca...	3.94	2.4	ug/L	1523800	1	9.90	25856600	40.0
2-Butenoic acid, ...	4.03	0.8	ug/L	493325	1	9.90	25856600	40.0
2-Butenal, 2-methyl-	4.07	1.9	ug/L	1201410	1	9.90	25856600	40.0
2-Butenoic acid, ...	5.03	0.4	ug/L	256783	1	9.90	25856600	40.0
2-Pentanone, 4-hy...	5.93	12.2	ug/L	7863240	1	9.90	25856600	40.0
Phenanthrene, 9-m...	22.54	0.3	ug/L	258497	4	22.91	38355300	40.0
Anthracene-d10-	23.07	0.3	ug/L	268507	4	22.91	38355300	40.0
4-Octene, (E)-	33.79	0.3	ug/L	91523	6	34.65	14548000	40.0