User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 15:31:22

Sample: AE12742
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 15:30 Ended: 6/10/02 15:30 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70	.	10.0

not our sample

Comments for Sample AE12742 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 15:32:00

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\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 11:21:38 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-dichlorobenzene-d4	9.89	152	4418651	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	17751293	40.00	ug/L	0.00
17) Acenapthalene-d10	18.52	164	9799746	40.00	ug/L	0.00
29) Phenanthranene-d10	22.90	188	14762444	40.00	ug/L	0.00
37) Chrysene-d12	30.75	240	7510098	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	3141754	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	1976681	28.11	ug/L	0.00
Spiked Amount 40.000			Recovery = 70.28%			
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	33506	N.D.		
30) Nnitrosodiphenylamine	20.50	169	38065	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	474446	Below Cal #		96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 11:21:38 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

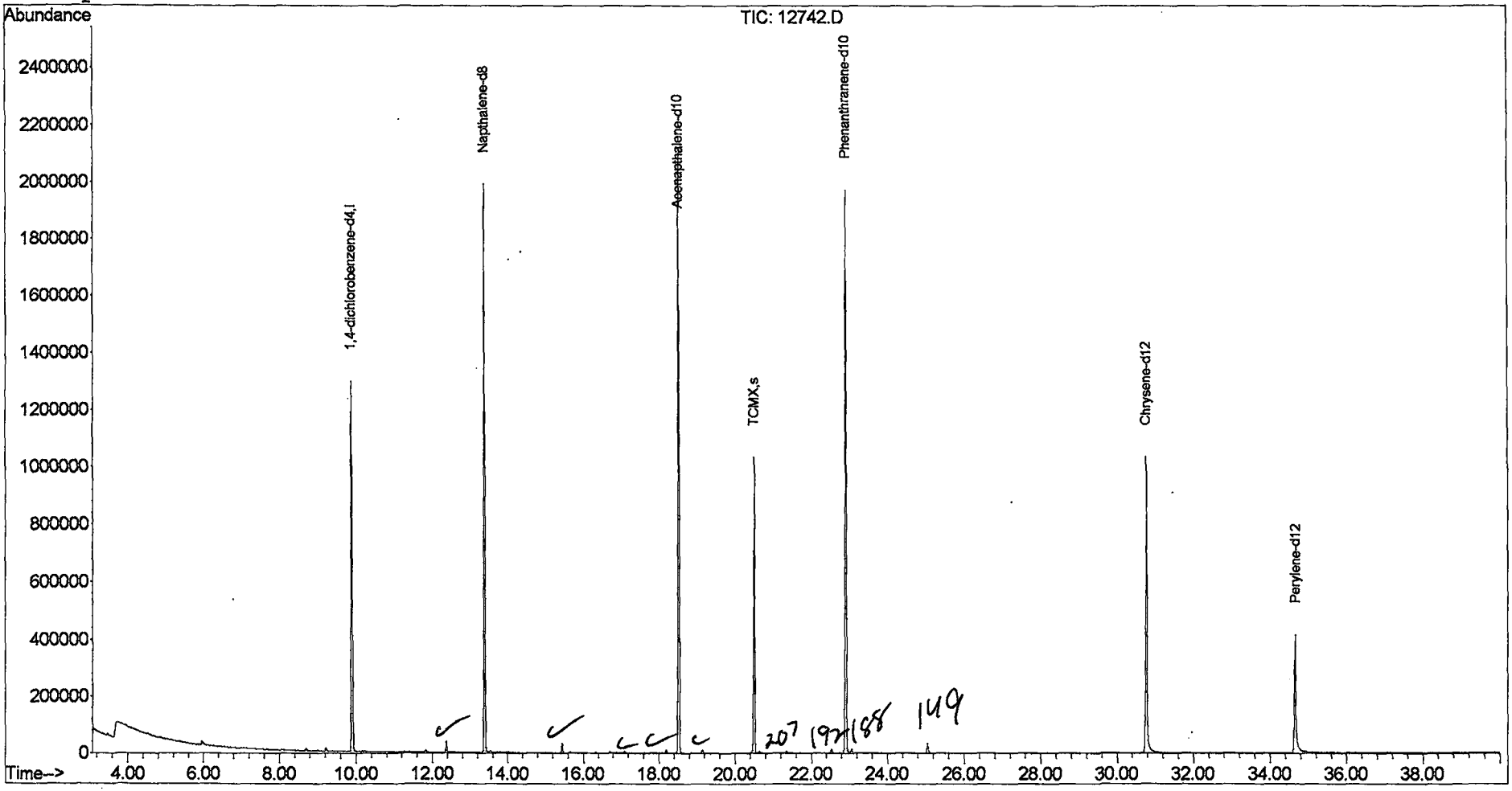
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	0.00	228	0	N.D.	
41) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42) Chrysene	0.00	228	0	N.D.	
44) Di-n-octylphthalate	0.00	149	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\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 11:21 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 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

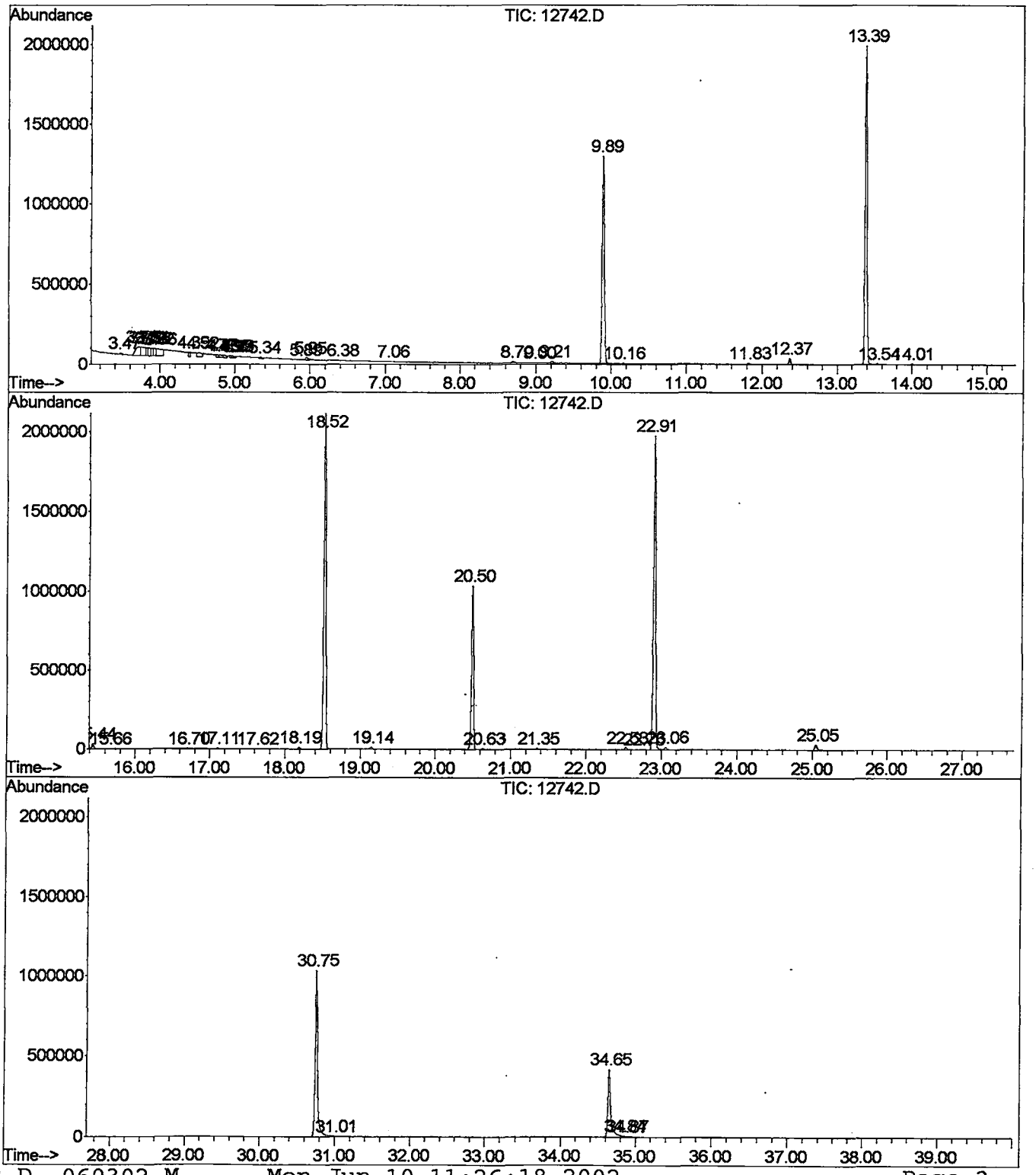
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.473	64	67	76	PV 7	7663	133996	0.33%	0.062%
2	3.708	94	107	112	PV 4	54337	2410784	5.98%	1.119%
3	3.749	112	114	125	VV 8	54185	2255925	5.59%	1.047%
4	3.819	125	126	129	VV 2	50316	714178	1.77%	0.331%
5	3.843	129	130	135	VV 3	51194	1128839	2.80%	0.524%
6	3.884	135	137	141	VV 4	47584	984628	2.44%	0.457%
7	3.913	141	142	148	VV 4	45808	1005134	2.49%	0.466%
8	3.955	148	149	165	VV 8	44152	2447453	6.07%	1.136%
9	4.395	221	224	226	VV 2	27110	386959	0.96%	0.180%
10	4.519	240	245	253	VV 9	24992	1030464	2.56%	0.478%
11	4.765	284	287	291	VV 4	16356	363663	0.90%	0.169%
12	4.801	291	293	309	VV 4	15611	837568	2.08%	0.389%
13	4.948	315	318	320	VV 3	12090	183353	0.45%	0.085%
14	4.971	320	322	324	VV 3	12088	153311	0.38%	0.071%
15	4.989	324	325	327	VV	11147	117743	0.29%	0.055%
16	5.012	327	329	330	VV 2	10525	107089	0.27%	0.050%
17	5.341	381	385	392	VV 7	7365	244374	0.61%	0.113%
18	5.894	477	479	482	PV 4	1925	25401	0.06%	0.012%
19	5.952	482	489	507	VV 2	13570	485632	1.20%	0.225%
20	6.381	561	562	568	PV 4	1934	22962	0.06%	0.011%
21	7.057	673	677	679	PV 5	1967	23417	0.06%	0.011%
22	8.702	951	957	965	PV 4	8345	189563	0.47%	0.088%
23	9.002	1004	1008	1015	VV 6	2470	58644	0.15%	0.027%
24	9.213	1039	1044	1054	VV	11195	225962	0.56%	0.105%
25	9.895	1151	1160	1181	VV	1296672	26296740	65.22%	12.201%
26	10.159	1200	1205	1211	VV 4	3430	58690	0.15%	0.027%
27	11.828	1483	1489	1496	PV 5	6941	115548	0.29%	0.054%
28	12.368	1575	1581	1591	PV	37128	579970	1.44%	0.269%
29	13.385	1739	1754	1773	VV	1946035	35799968	88.79%	16.610%
30	13.544	1773	1781	1791	VV 2	5374	127514	0.32%	0.059%
31	14.008	1855	1860	1868	VV 5	3674	66117	0.16%	0.031%
32	15.441	2089	2104	2112	PV 2	31845	504433	1.25%	0.234%
33	15.659	2130	2141	2146	PV 5	1567	31493	0.08%	0.015%
34	16.705	2308	2319	2322	PV 2	3035	51037	0.13%	0.024%
35	17.104	2380	2387	2392	VV 5	5046	88151	0.22%	0.041%
36	17.621	2461	2475	2479	PV 5	2237	39662	0.10%	0.018%
37	18.191	2566	2572	2585	VV 2	11317	183271	0.45%	0.085%

38	18.520	2619	2626	2656	VV		2081330	40321751	100.00%	18.708%
39	19.143	2728	2734	2742	PV		11559	193943	0.48%	0.090%
40	20.500	2952	2965	2973	PV		1039589	19510913	48.39%	9.053%
41	20.635	2983	2988	2997	VV		5168	95975	0.24%	0.045%
42	21.352	3105	3110	3119	VV	3	6750	119479	0.30%	0.055%
43	22.533	3299	3311	3319	PV	2	12982	250323	0.62%	0.116%
44	22.751	3340	3348	3358	VV	5	1931	39639	0.10%	0.018%
45	22.903	3363	3374	3395	PV	2	1950193	39850680	98.83%	18.490%
46	23.062	3395	3401	3415	VV	3	13881	303271	0.75%	0.141%
47	25.048	3731	3739	3765	PV		34449	766332	1.90%	0.356%
48	30.753	4697	4710	4751	PV	2	1024074	22946769	56.91%	10.647%
49	31.006	4751	4753	4772	VV	7	2399	83892	0.21%	0.039%
50	34.649	5360	5373	5403	PV		414115	11292302	28.01%	5.239%
51	34.837	5403	5405	5410	VV	7	7093	140767	0.35%	0.065%
52	34.878	5410	5412	5429	VV	9	4146	130889	0.32%	0.061%

Sum of corrected areas: 215526557

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060702\12742.D
Operator :
Acquired : 7 Jun 2002 8:47 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name:
Misc Info :
Vial Number: 16
Quant File :060302.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

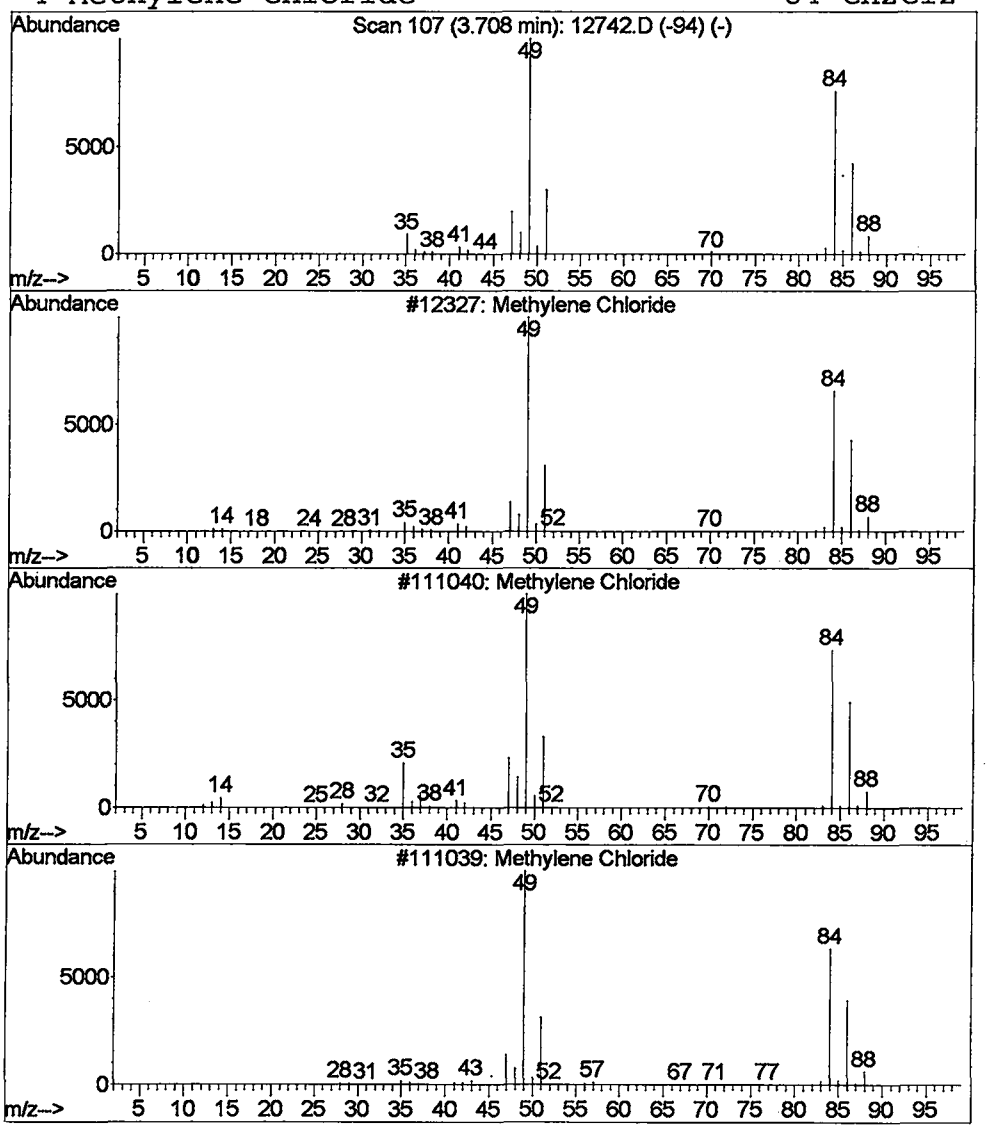
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

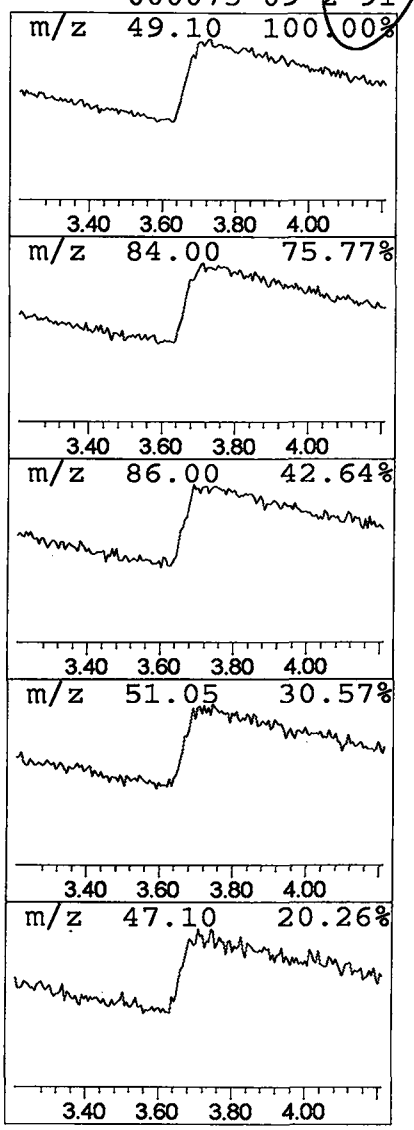
****

Peak Number 1 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.67 ug/L	2410780	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	95
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	91





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

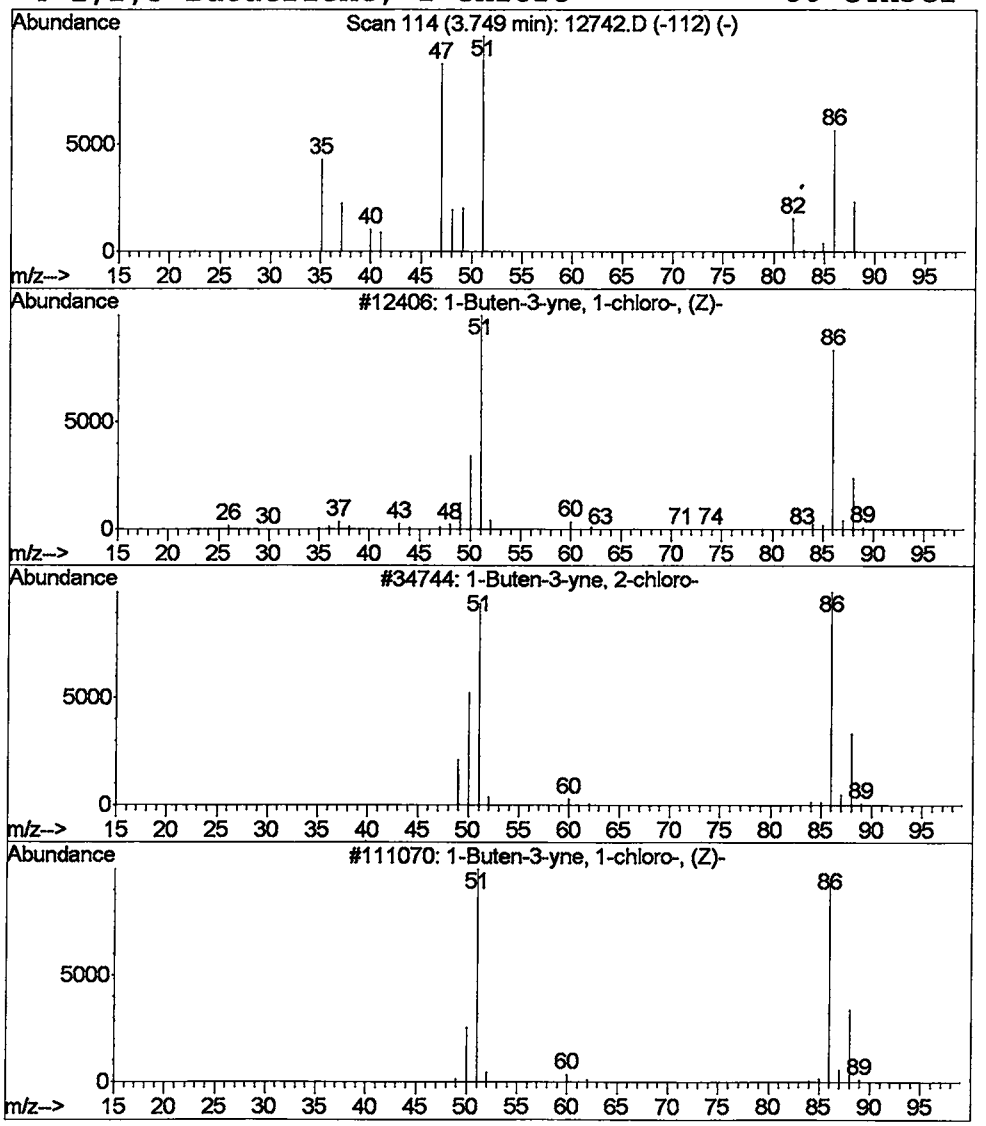
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

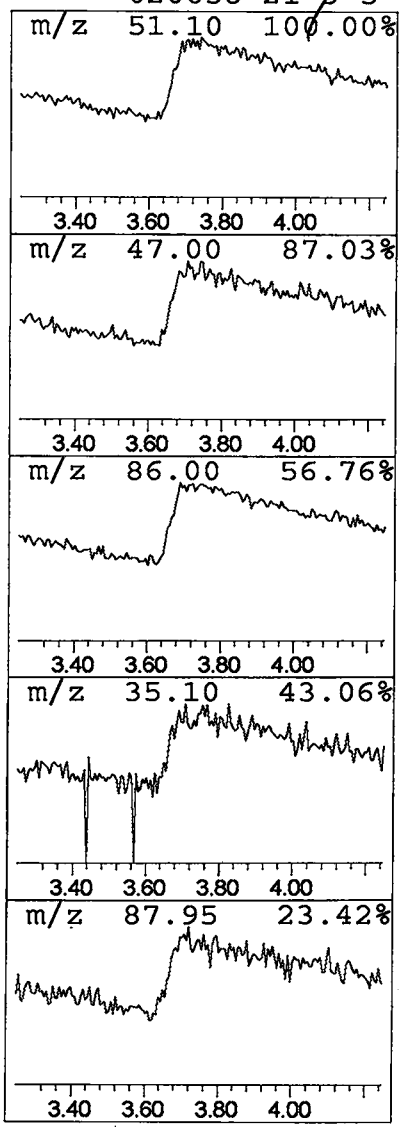
****

Peak Number 2 1-Buten-3-yne, 1-chloro-, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.43 ug/L	2255920	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	52
2	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	5
3	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	5
4	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	5





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

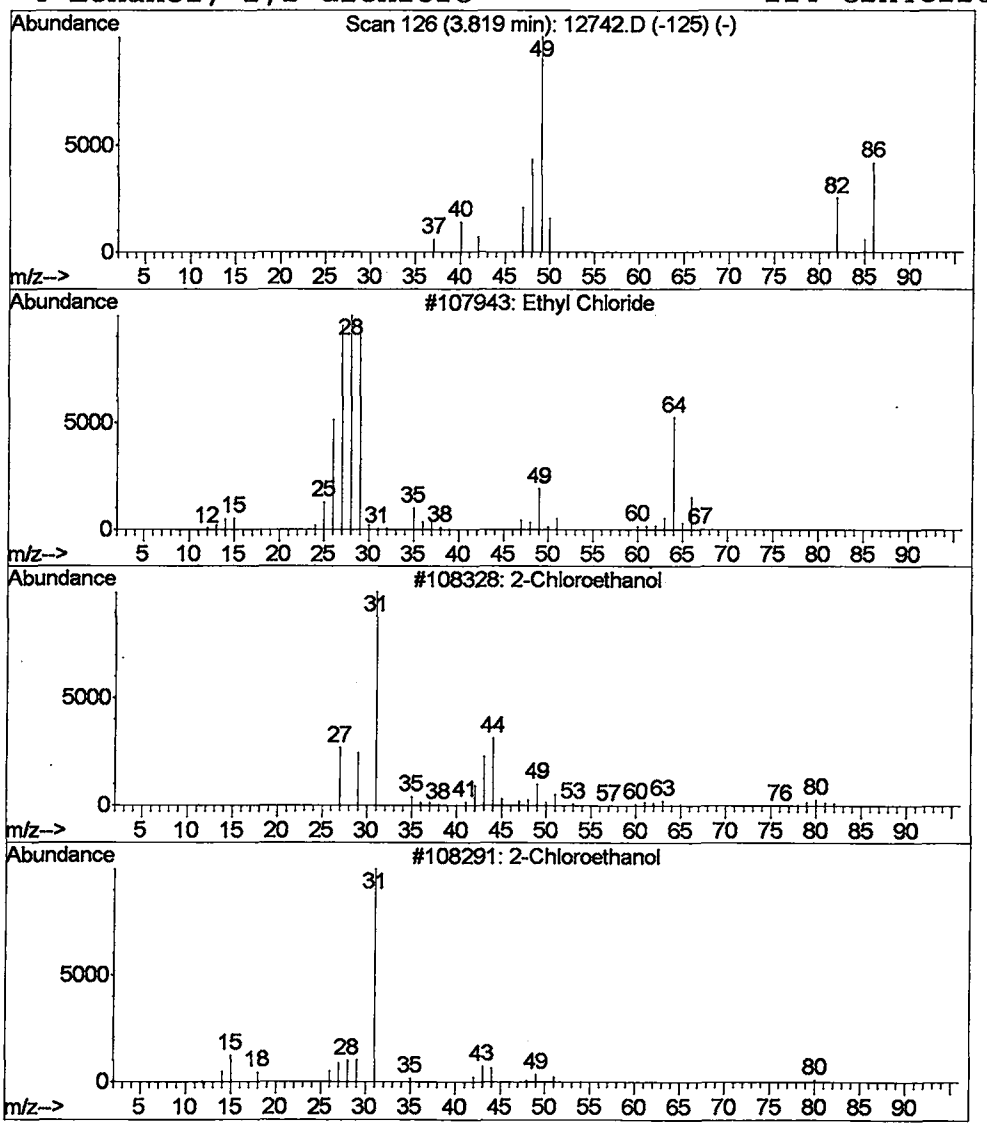
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

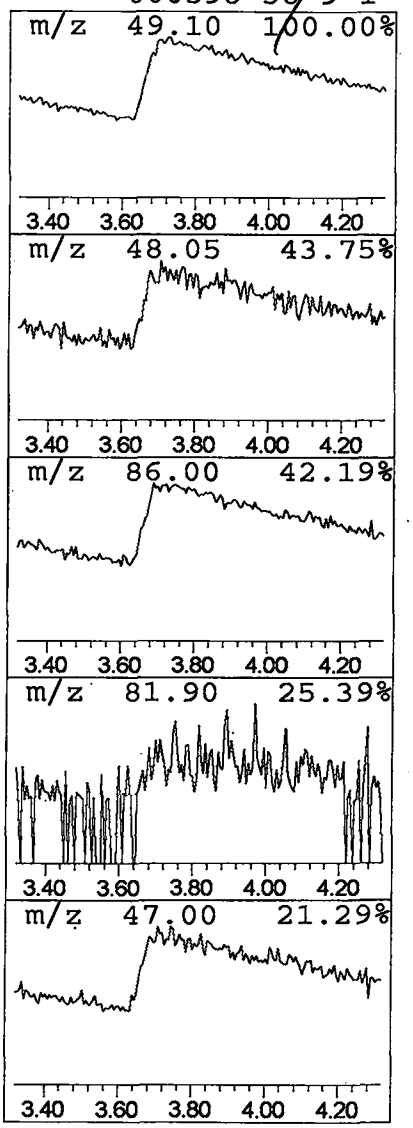
****

Peak Number 3 Ethyl Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	1.09 ug/L	714178	1,4-dichlorobenzene-d4	9.89

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





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

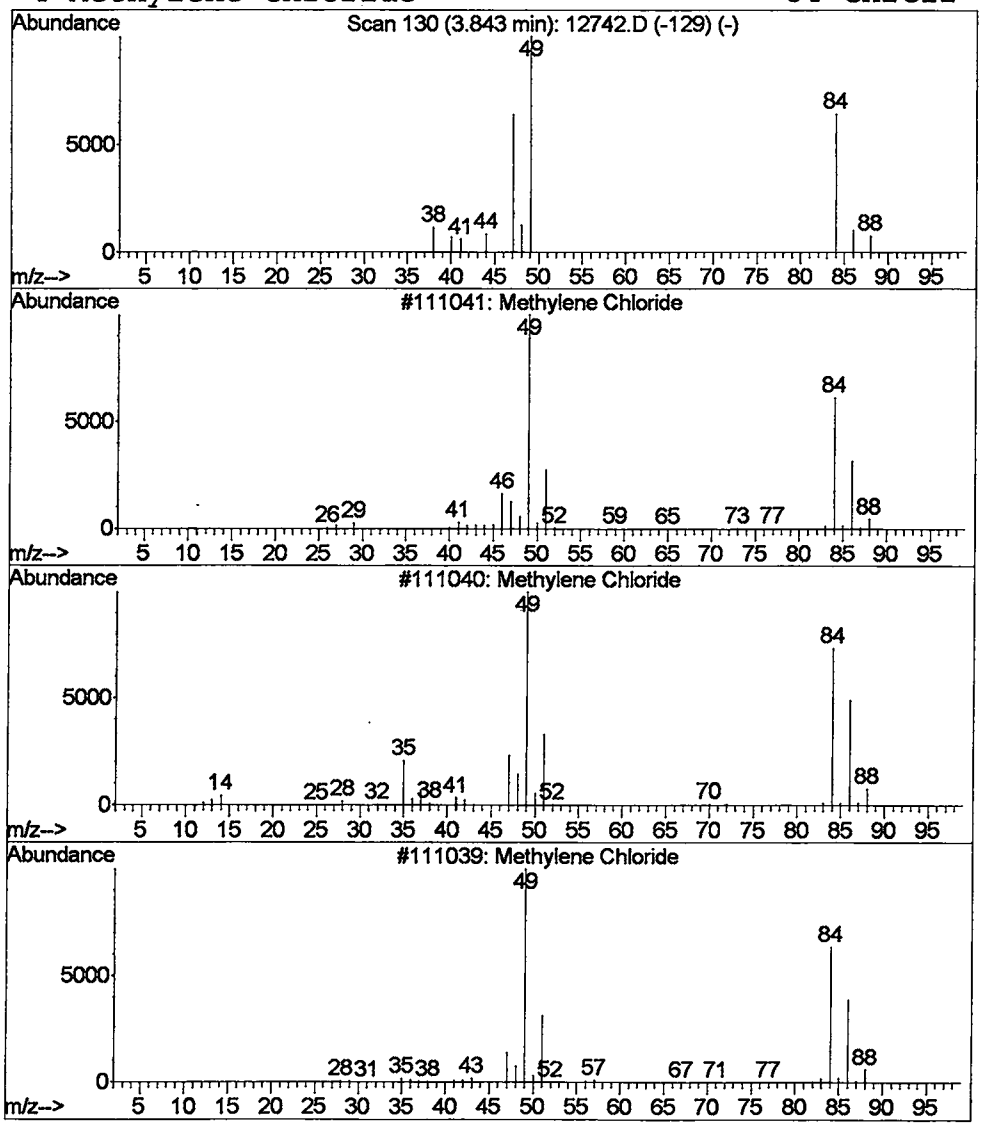
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

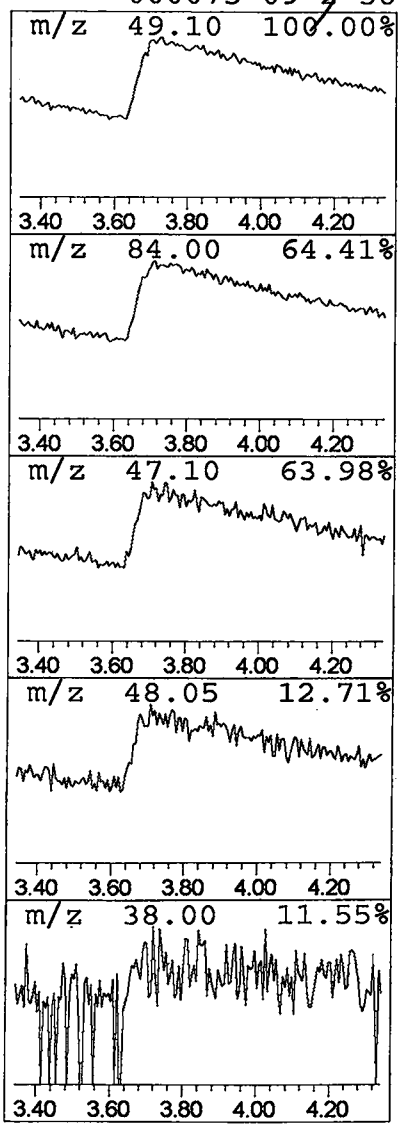
****

Peak Number 4 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	1.72 ug/L	1128840	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	72
2	Methylene Chloride	84	CH2Cl2	000075-09-2	64
3	Methylene Chloride	84	CH2Cl2	000075-09-2	56
4	Methylene Chloride	84	CH2Cl2	000075-09-2	56





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

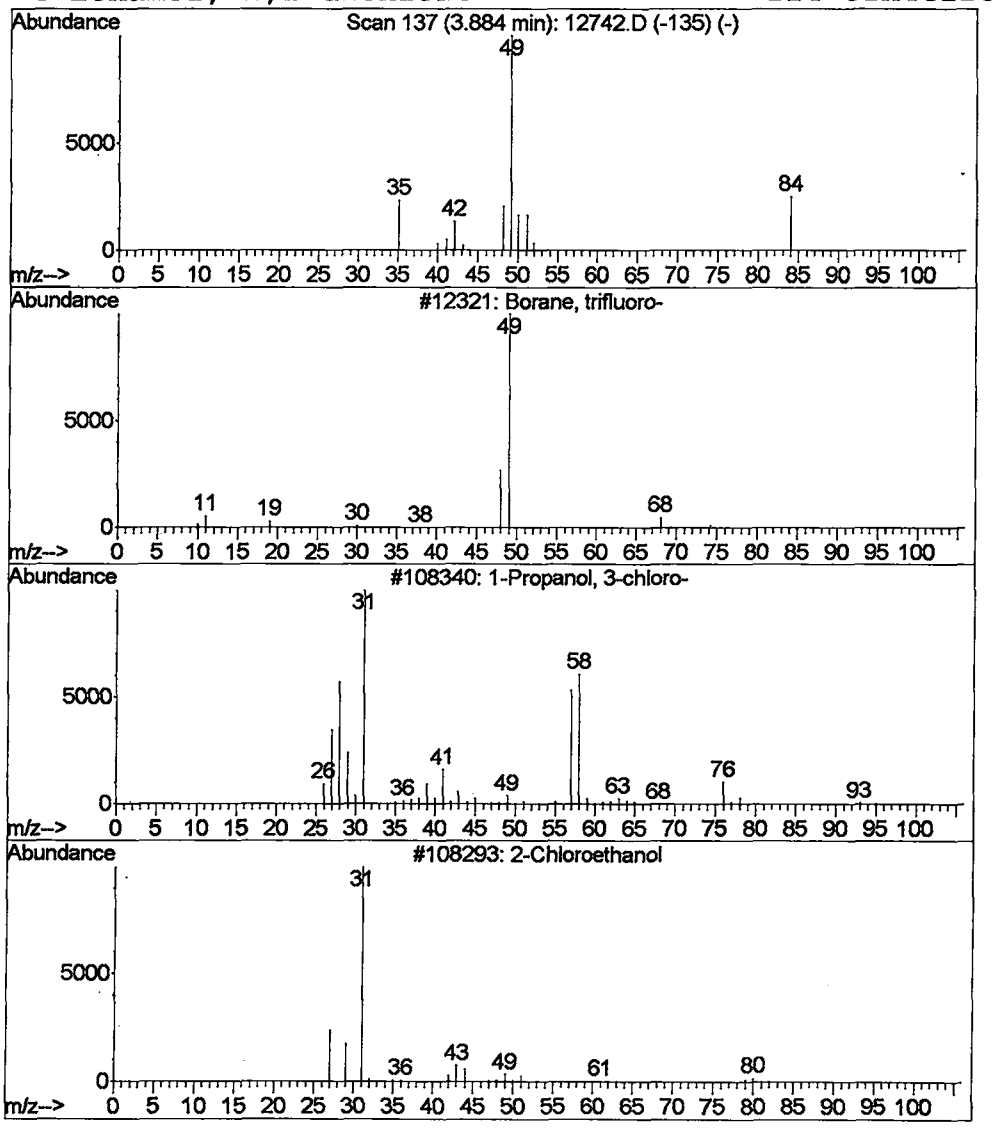
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

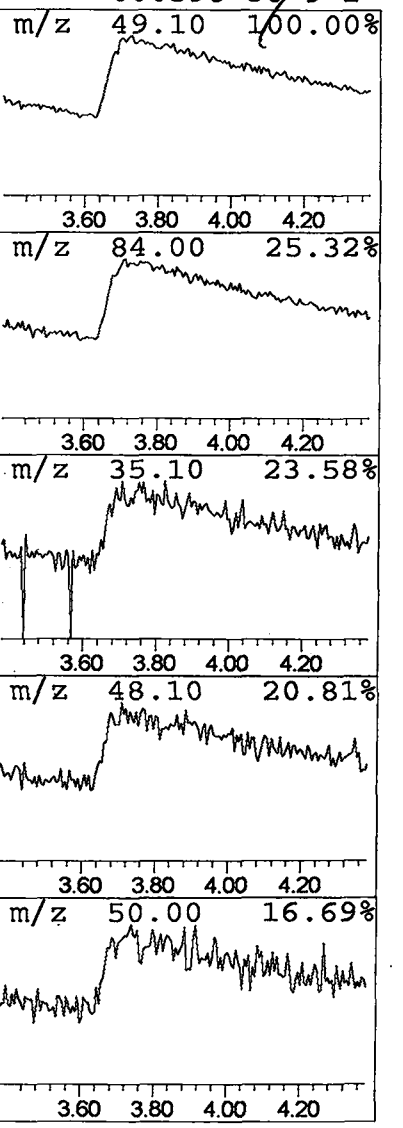
****

Peak Number 5 Borane, trifluoro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	1.50 ug/L	984628	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, trifluoro-	68	BF3	007637-07-2	2
2	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	2
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

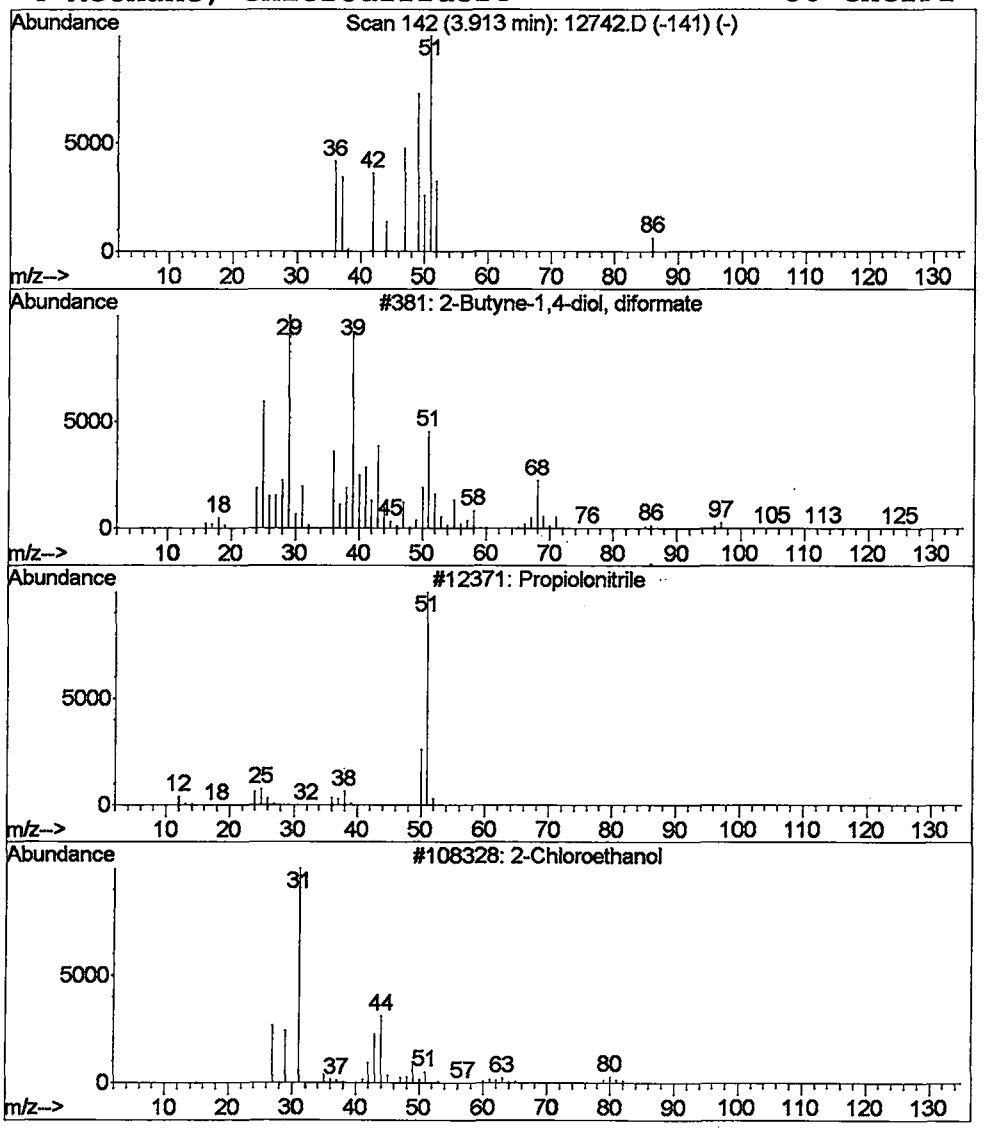
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

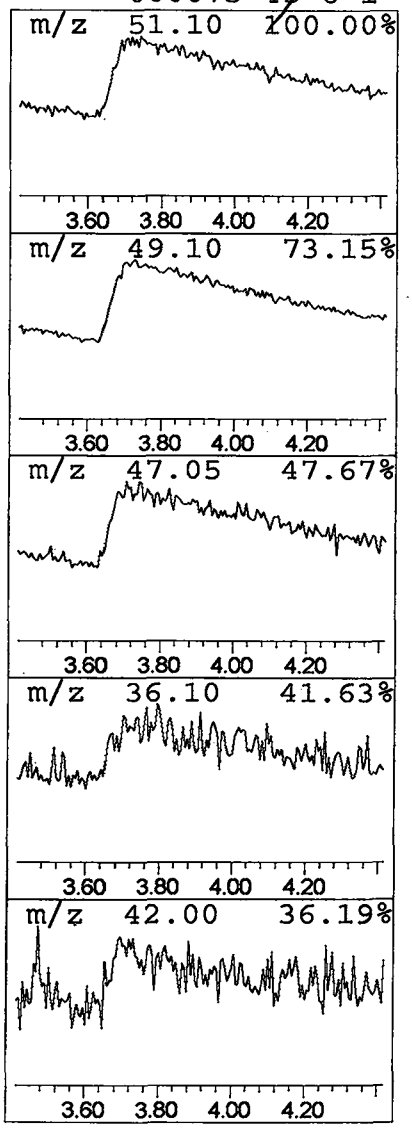
****

Peak Number 6 2-Butyne-1,4-diol, diformate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	1.53 ug/L	1005130	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	9
2	Propiolonitrile	51	C3HN	001070-71-9	5
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	1





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

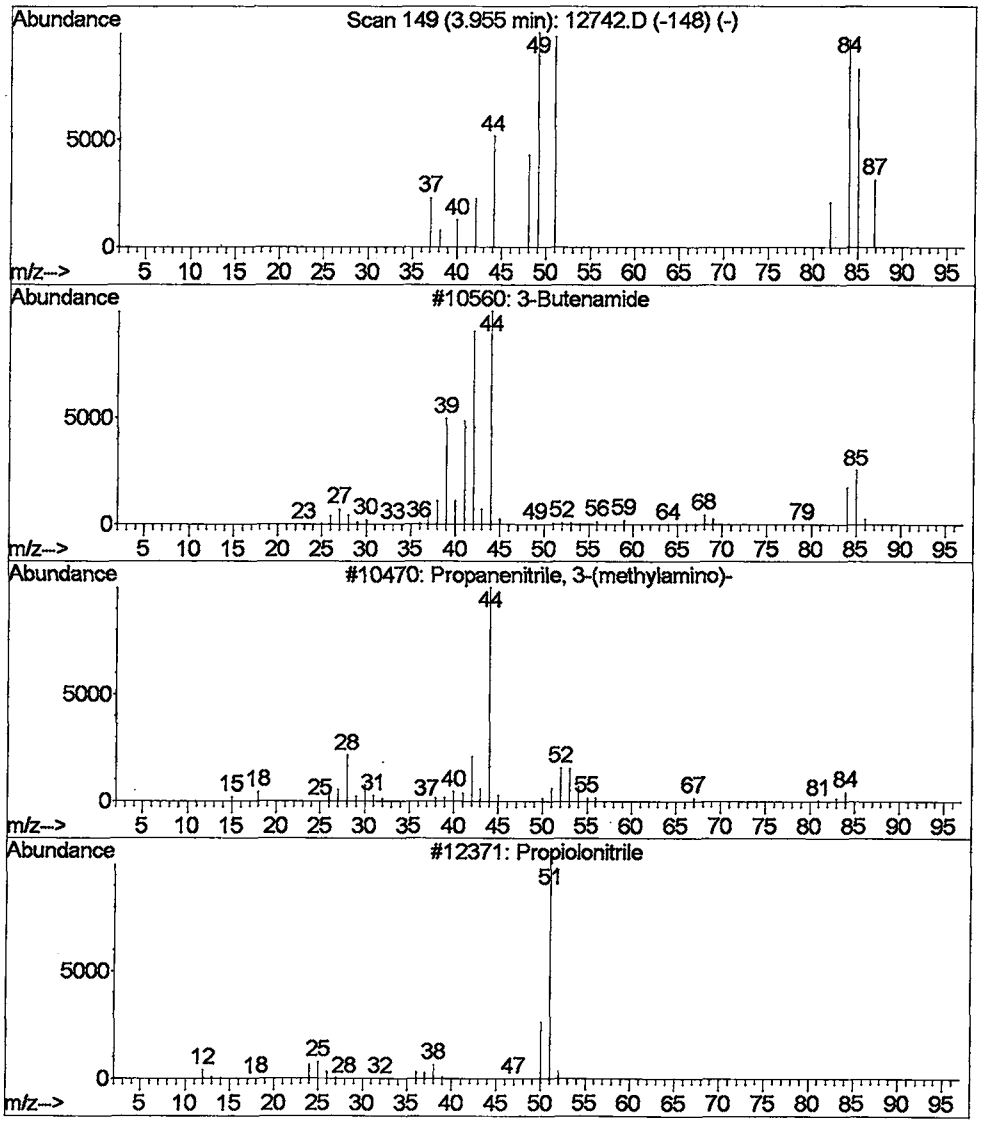
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

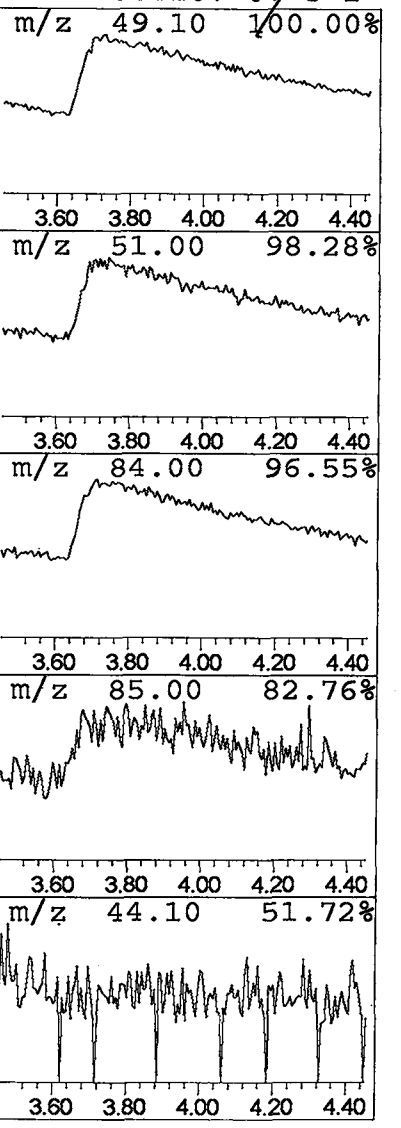
****

Peak Number 7 3-Butenamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	3.72 ug/L	2447450	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenamide	85	C4H7NO	028446-58-4	4
2	Propanenitrile, 3-(methylamino)-	84	C4H8N2	000693-05-0	3
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

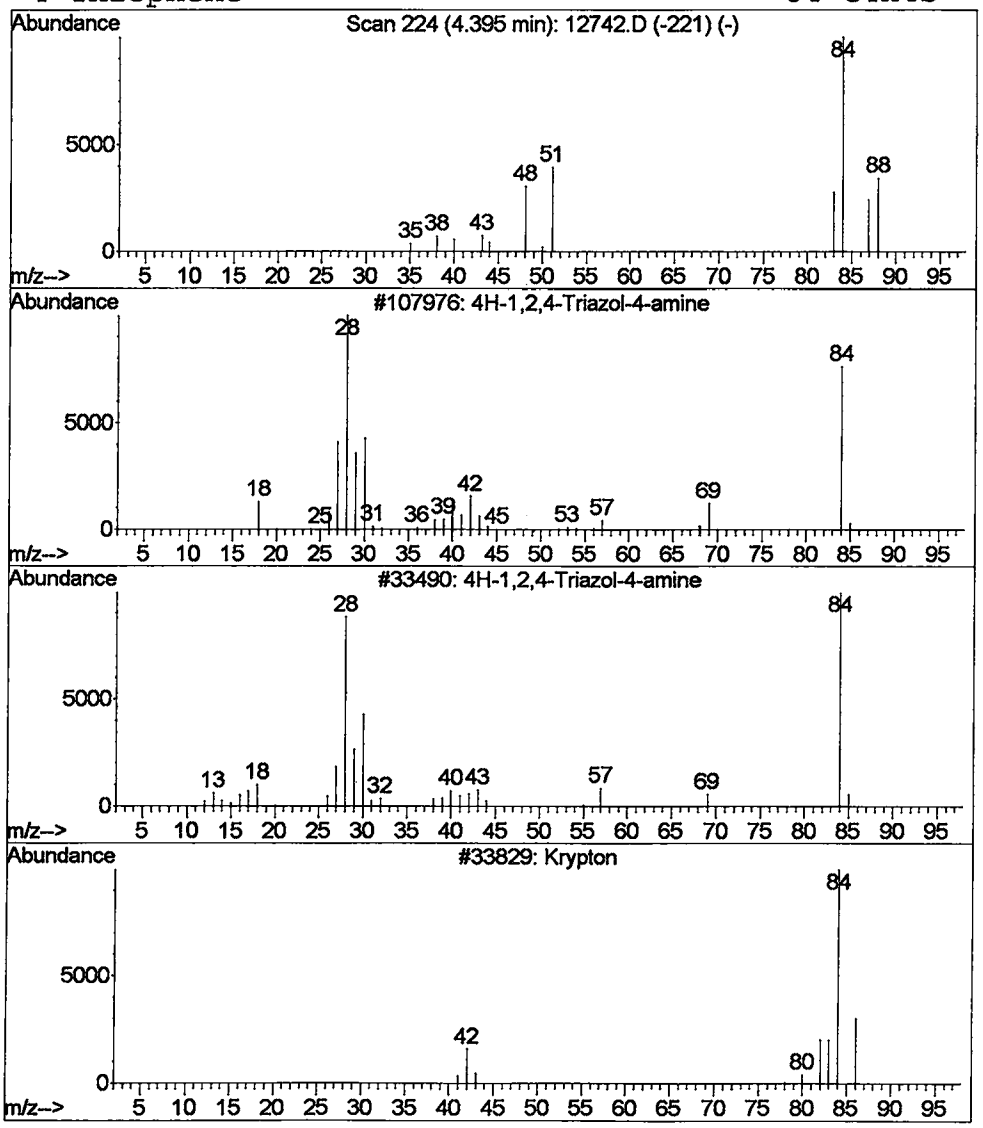
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

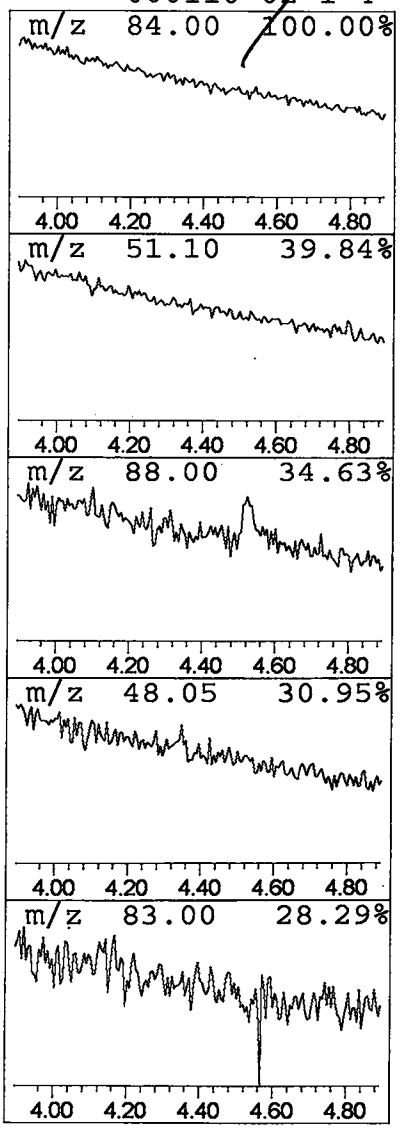
****

Peak Number 8 4H-1,2,4-Triazol-4-amine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	0.59 ug/L	386959	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	7
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	7
3	Krypton	84	Kr	007439-90-9	7
4	Thiophene	84	C4H4S	000110-02-1	4





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

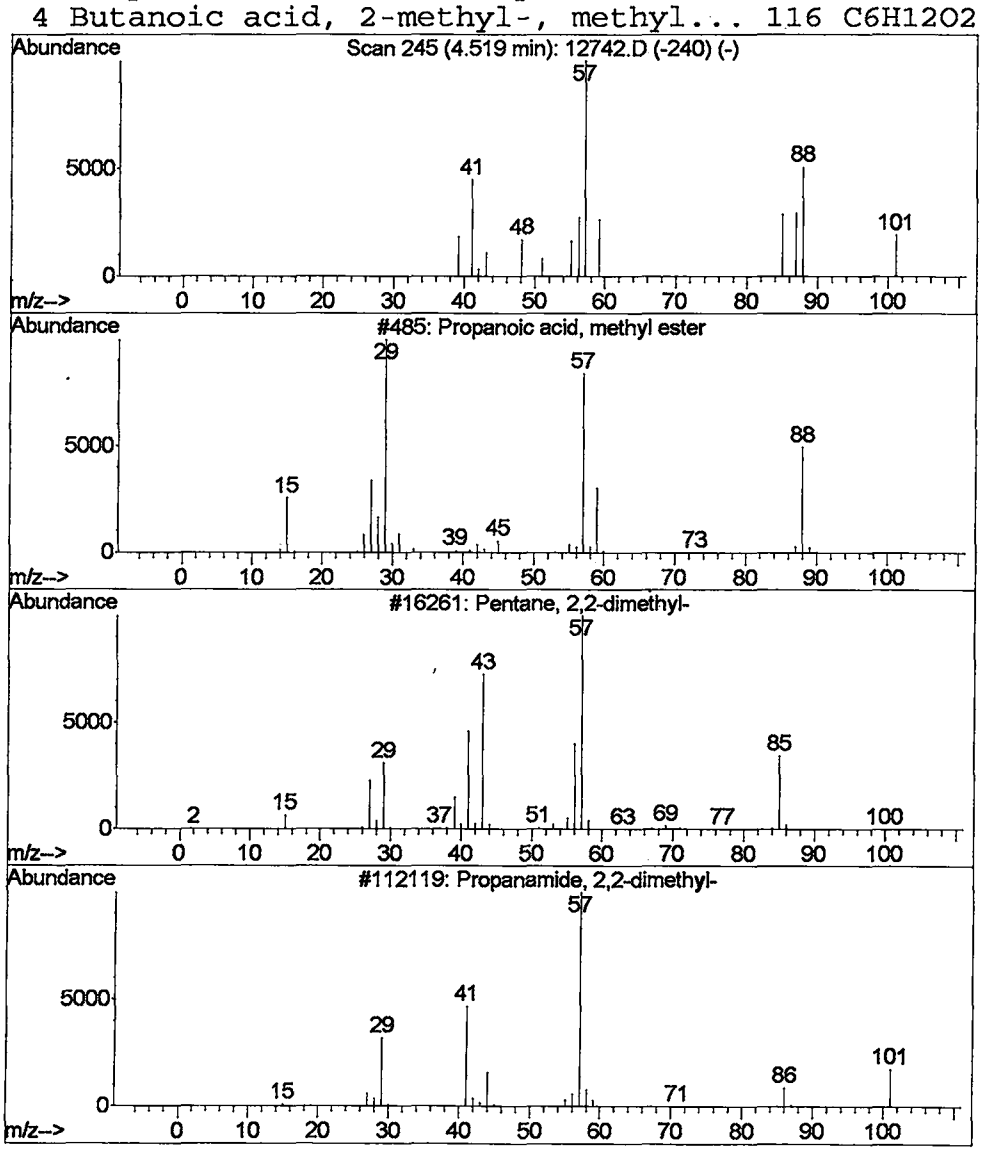
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

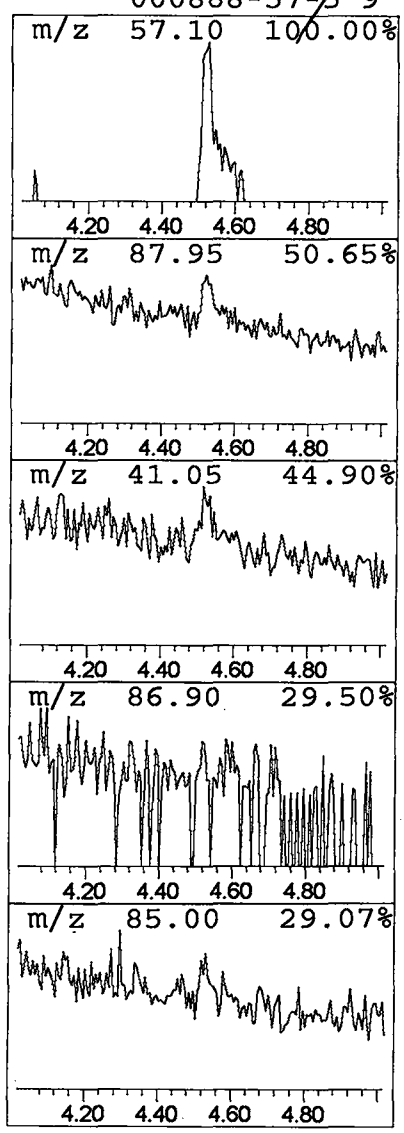
****

Peak Number 9 Propanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	1.57 ug/L	1030460	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, methyl ester	88	C4H8O2	000554-12-1	25
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	10
3	Propanamide, 2,2-dimethyl-	101	C5H11NO	000754-10-9	9
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	9





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

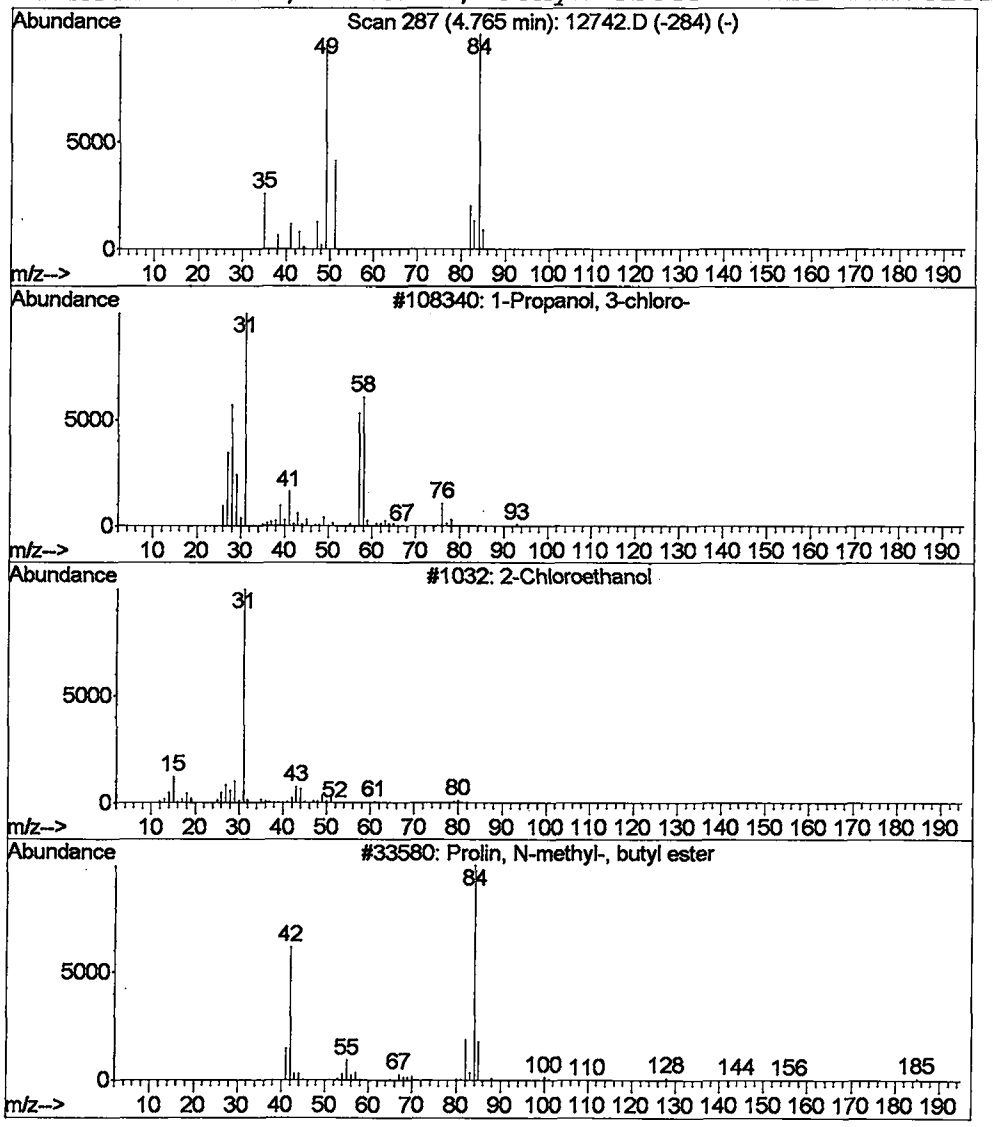
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

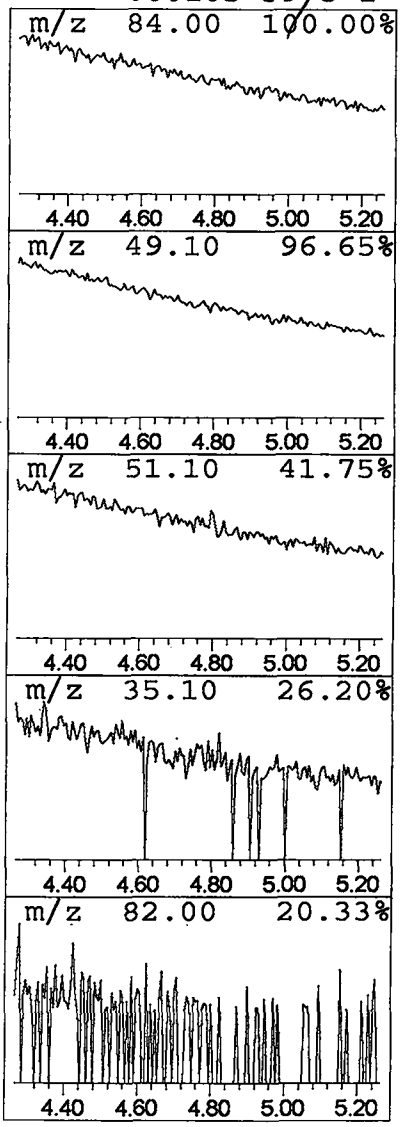
****

Peak Number 10 1-Propanol, 3-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	0.55 ug/L	363663	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	2
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
3	Prolin, N-methyl-, butyl ester	185	C10H19NO2	1000152-96-3	1
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1





Library Search

Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

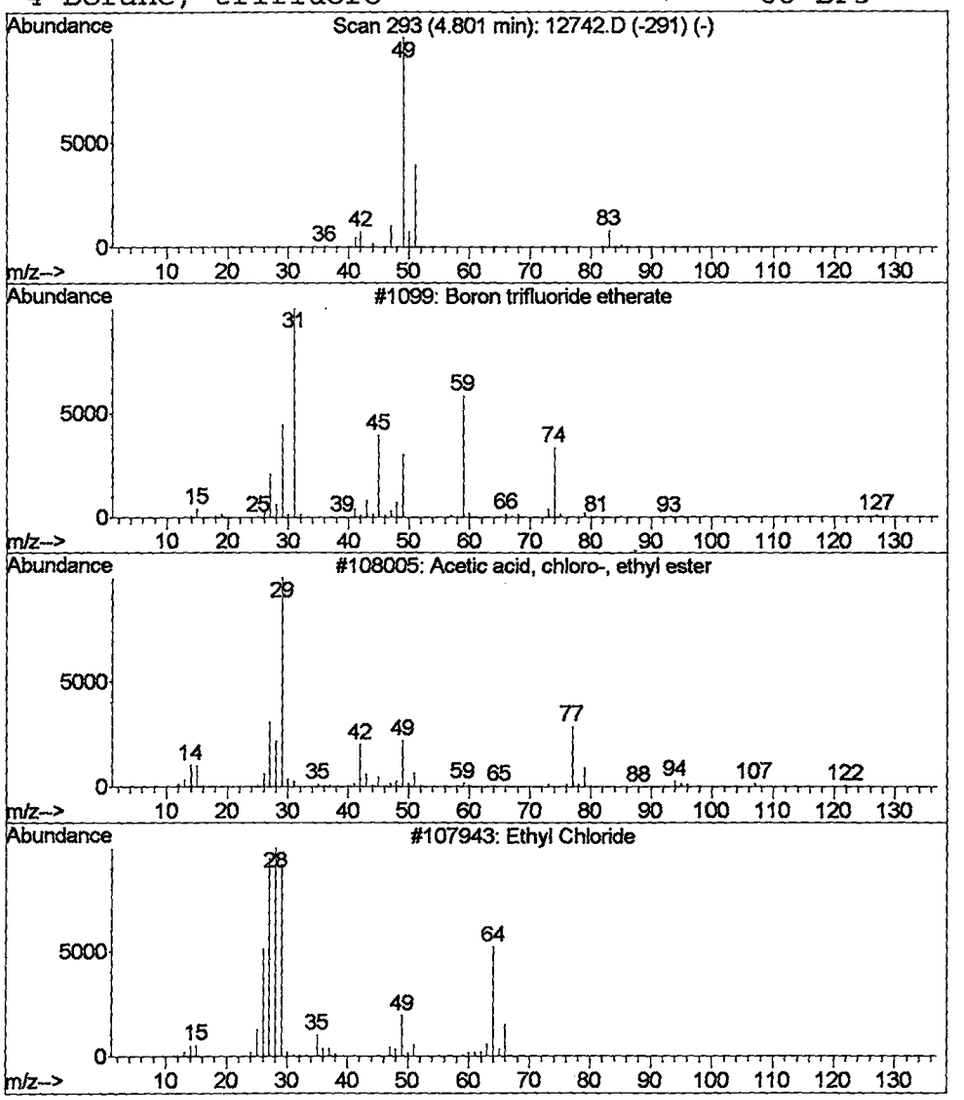
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

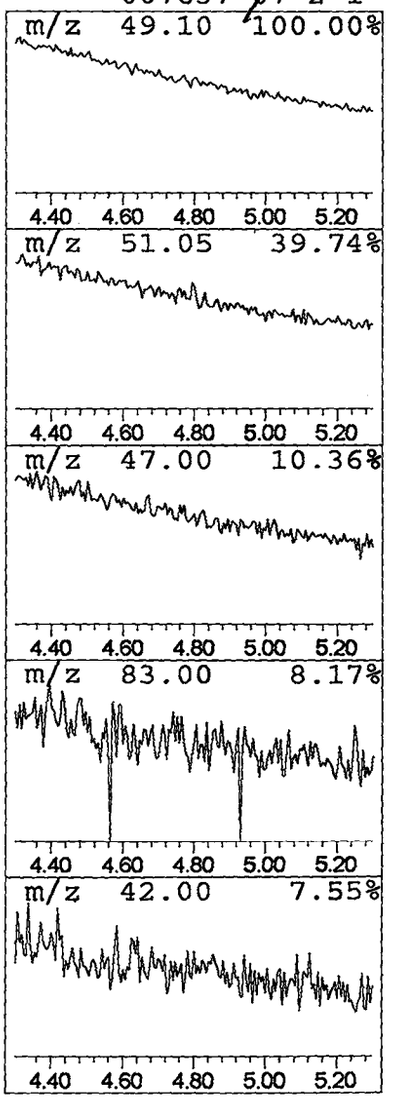
****

Peak Number 11 Boron trifluoride etherate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	1.27 ug/L	837568	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

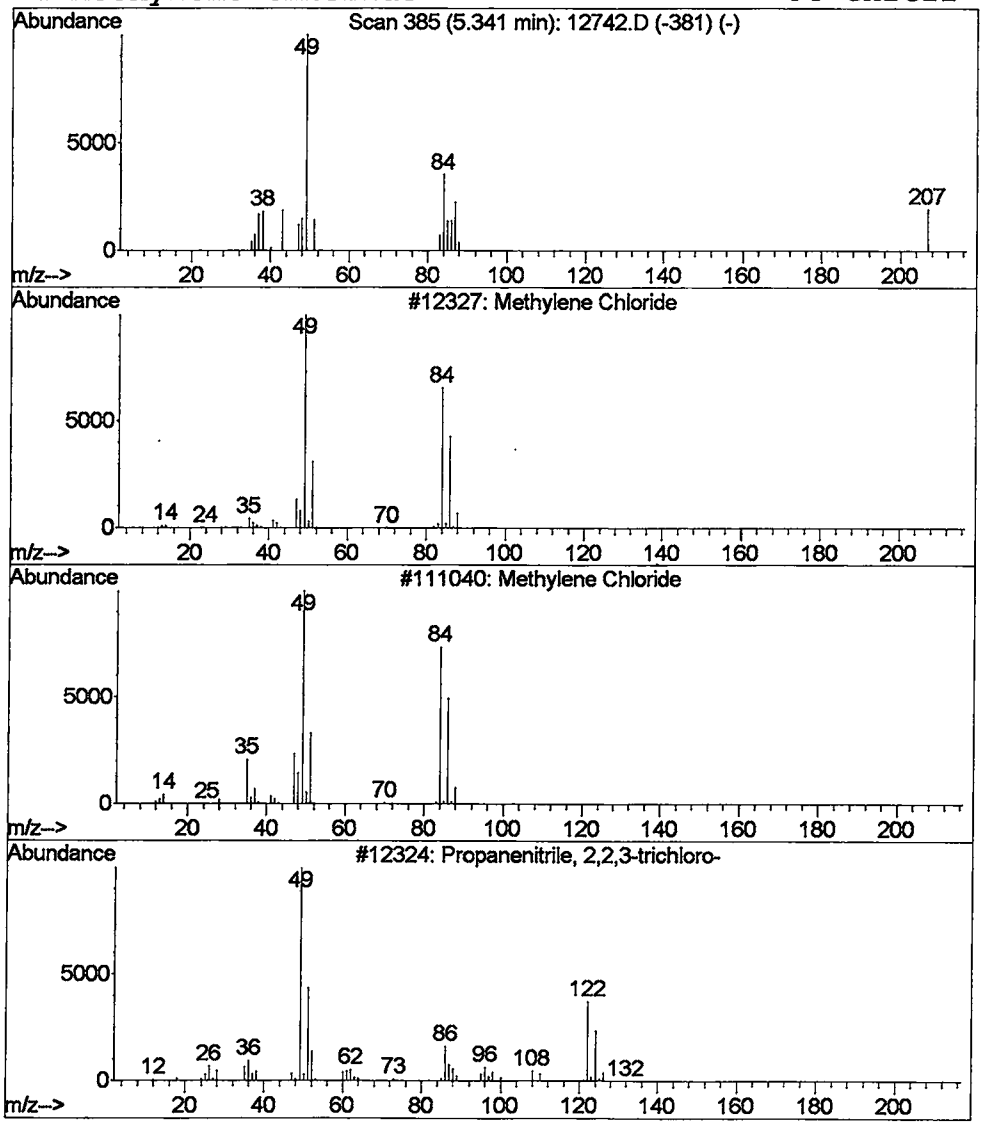
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

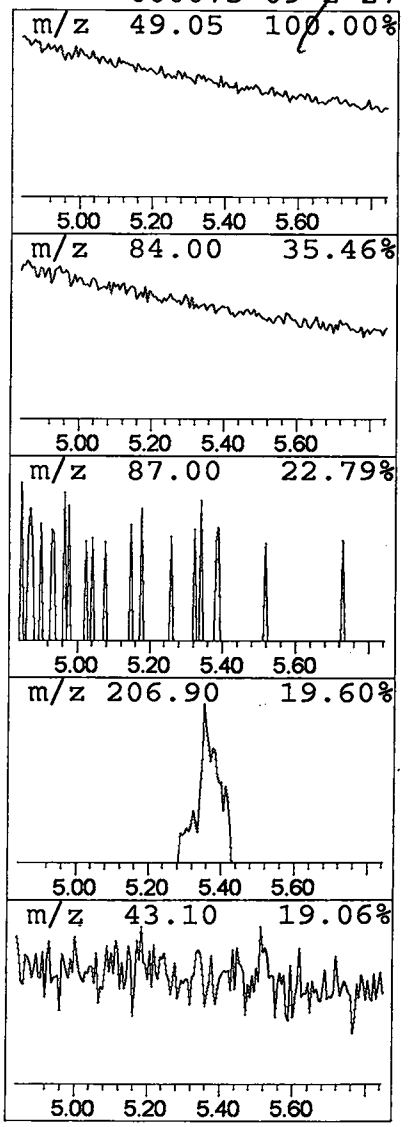
****

Peak Number 12 Methylene Chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	0.37 ug/L	244374	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	45
2	Methylene Chloride	84	CH2Cl2	000075-09-2	45
3	Propanenitrile, 2,2,3-trichloro-	157	C3H2Cl3N	000813-74-1	36
4	Methylene Chloride	84	CH2Cl2	000075-09-2	27





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

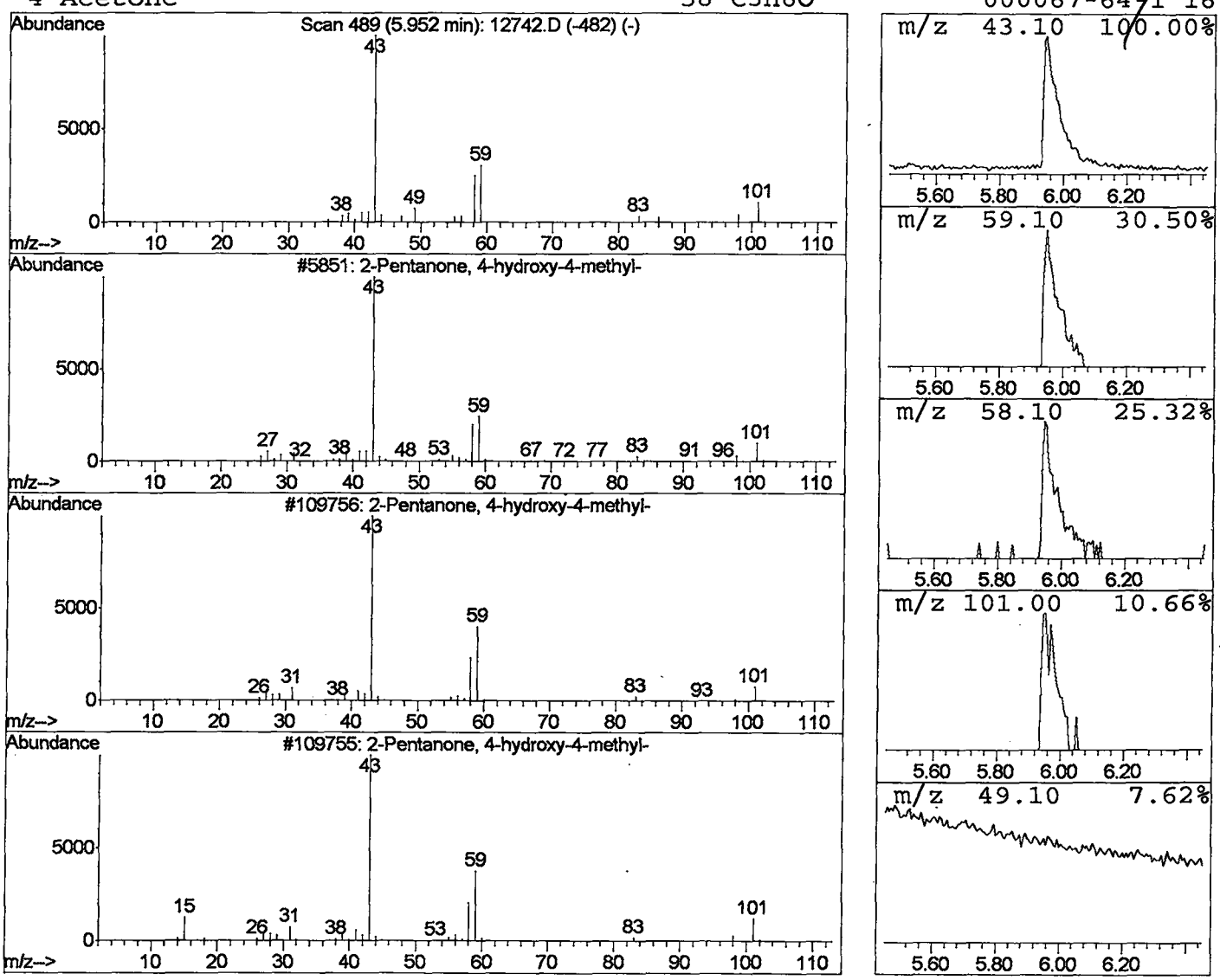
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.74 ug/L	485632	1,4-dichlorobenzene-d4	9.89

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	59
4	Acetone	58	C3H6O	000067-64-1	16



Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

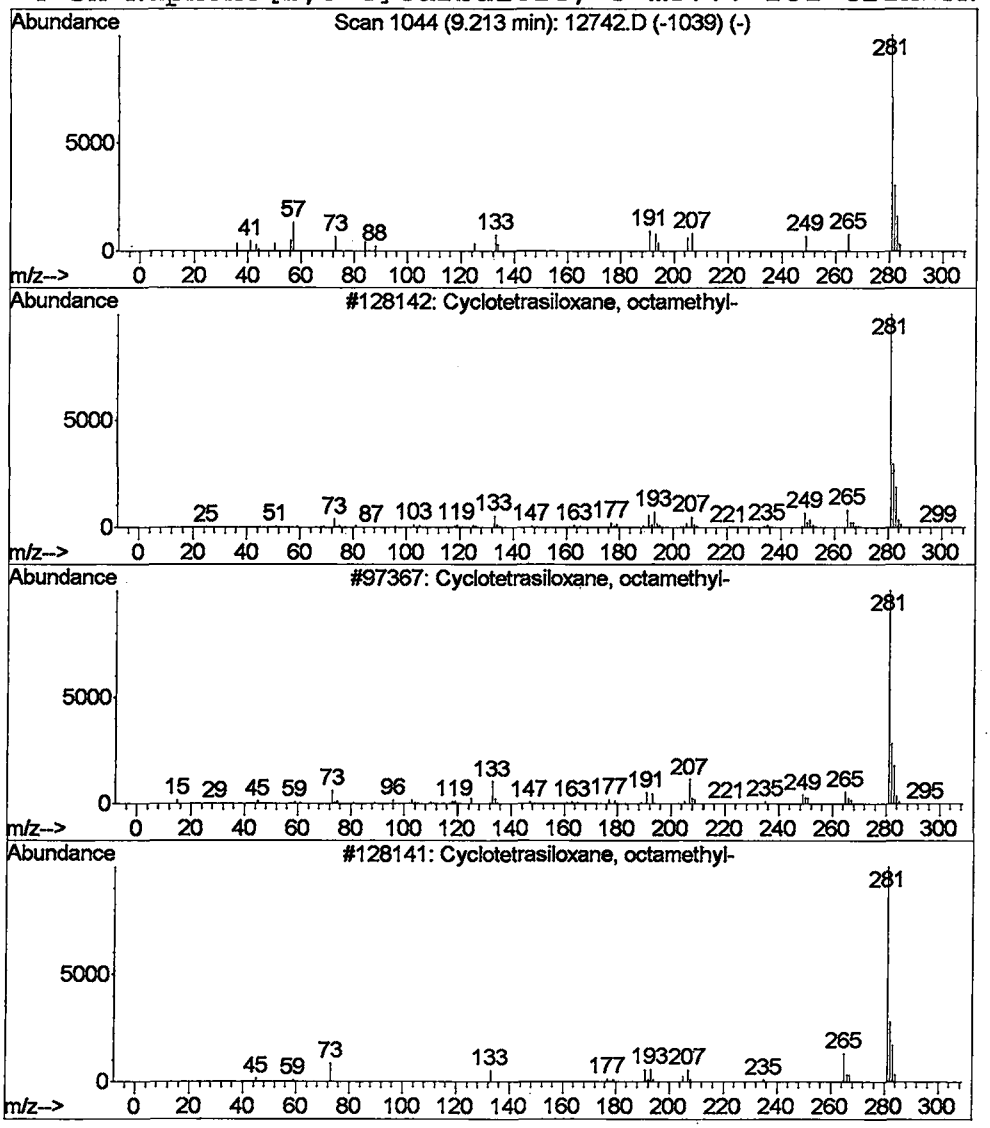
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

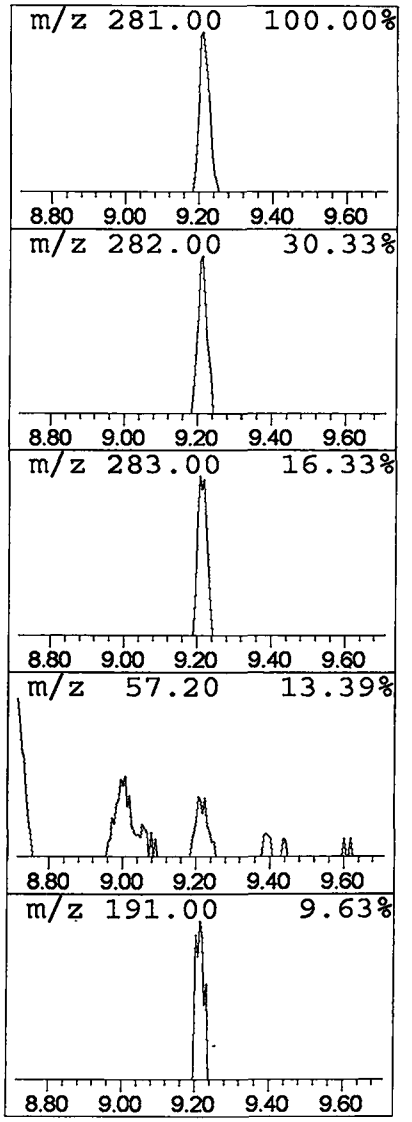
****

Peak Number 14 Cyclotetrasiloxane, octamet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	0.34 ug/L	225962	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	72
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
4	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	42





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

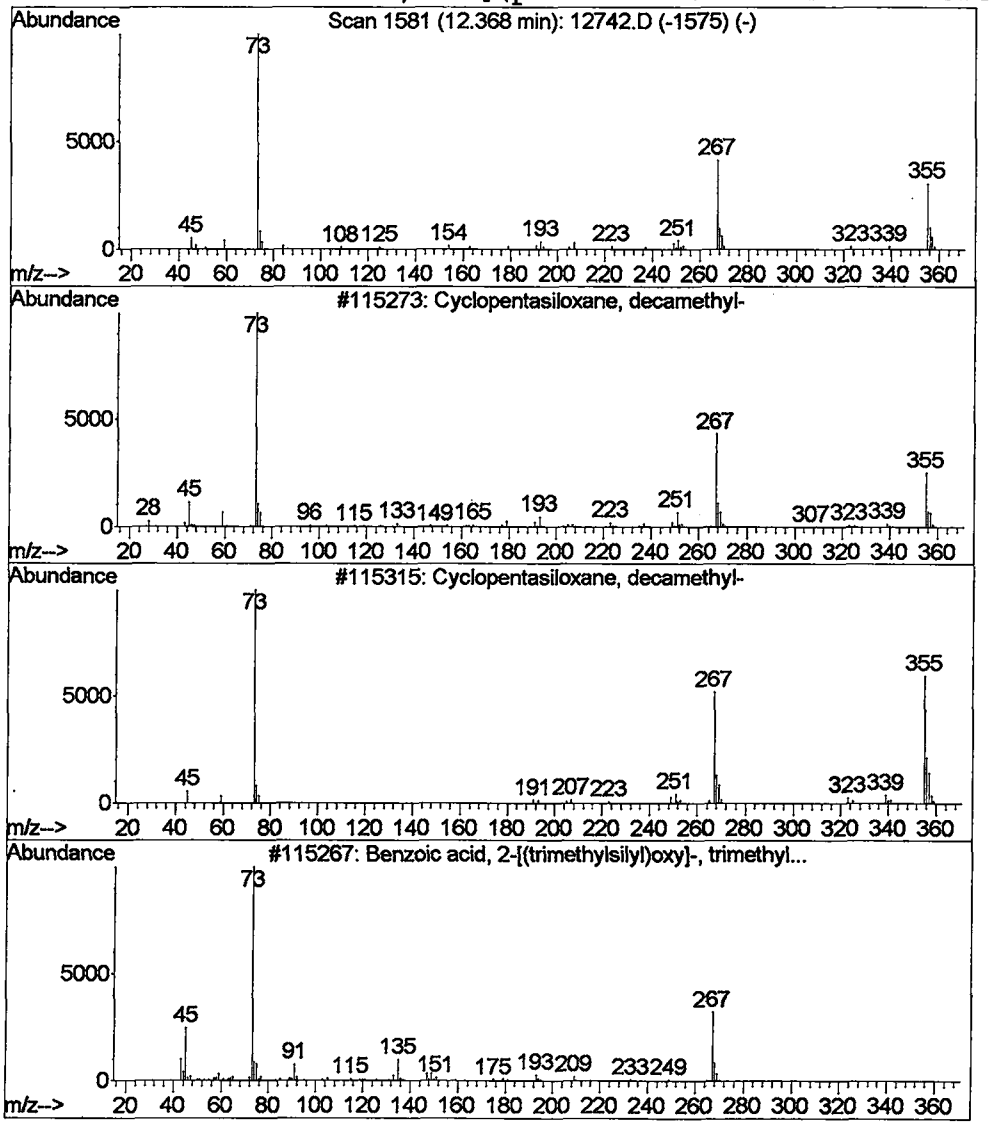
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

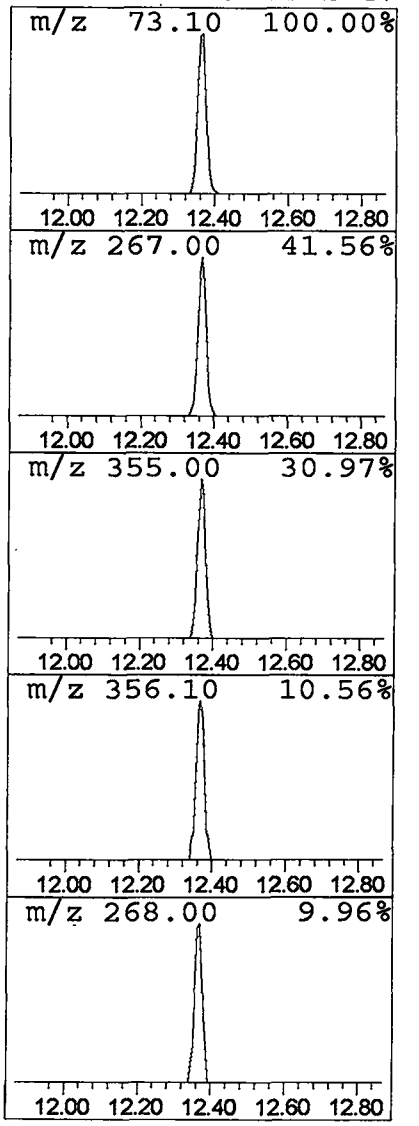
****

Peak Number 15 Cyclopentasiloxane, decamet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.65 ug/L	579970	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	47
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	47





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 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

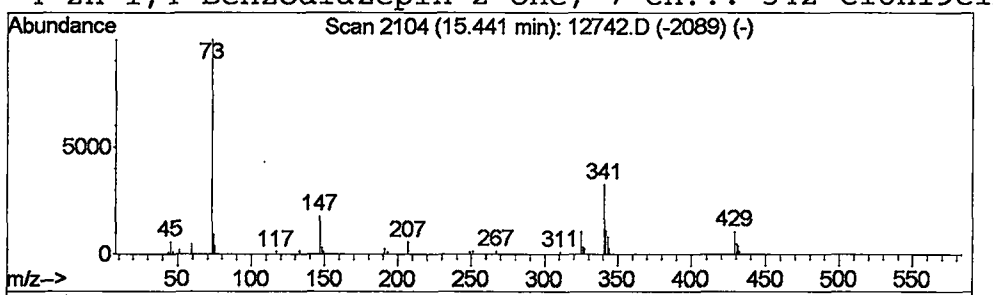
****

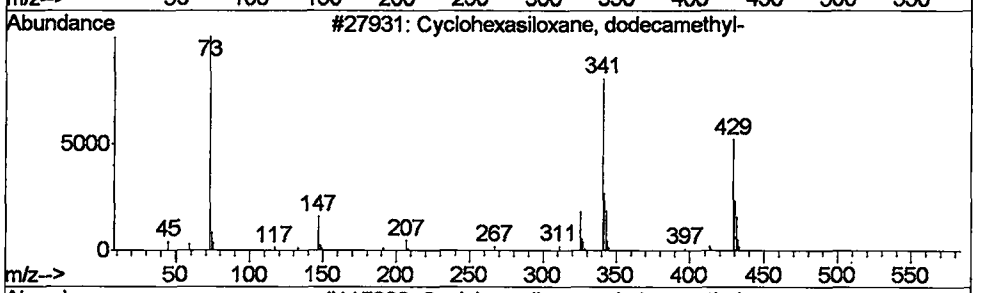
Peak Number 16 Cyclohexasiloxane, dodecame... Concentration Rank 14

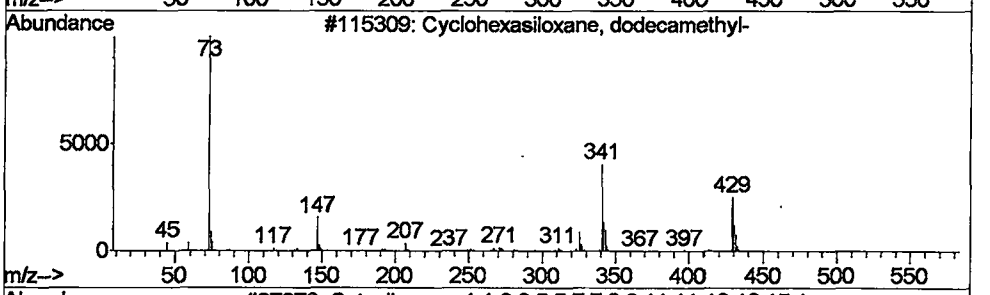
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	0.56 ug/L	504433	Napthalene-d8	13.39

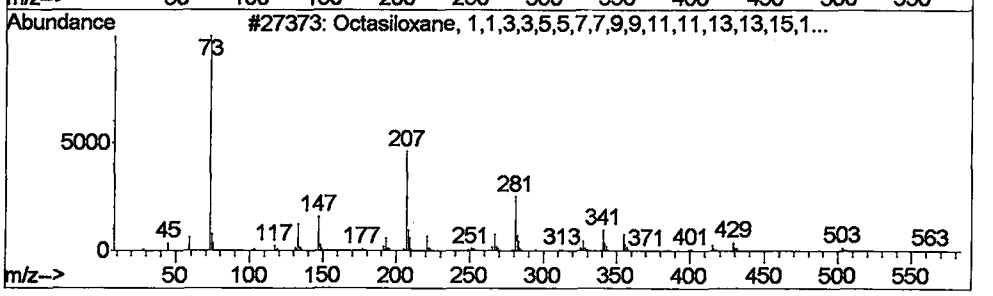
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
3	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	38
4	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	12

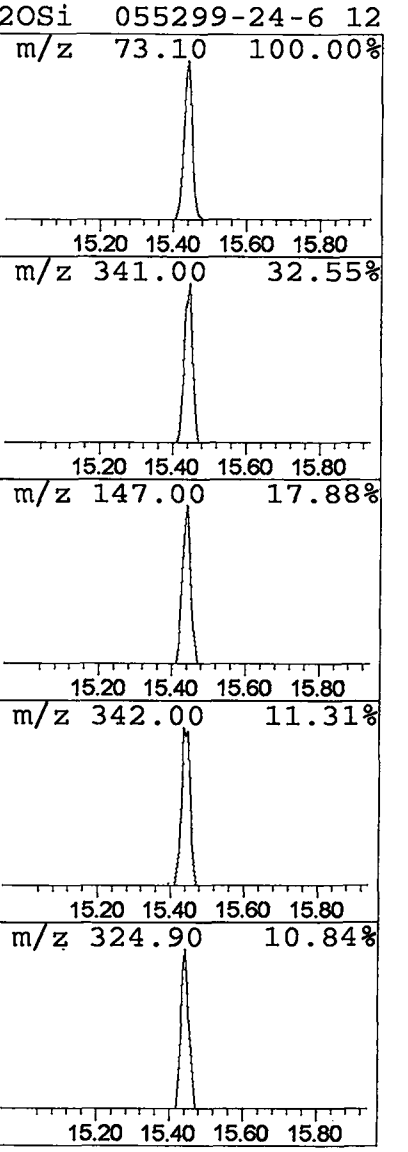
HCX











Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

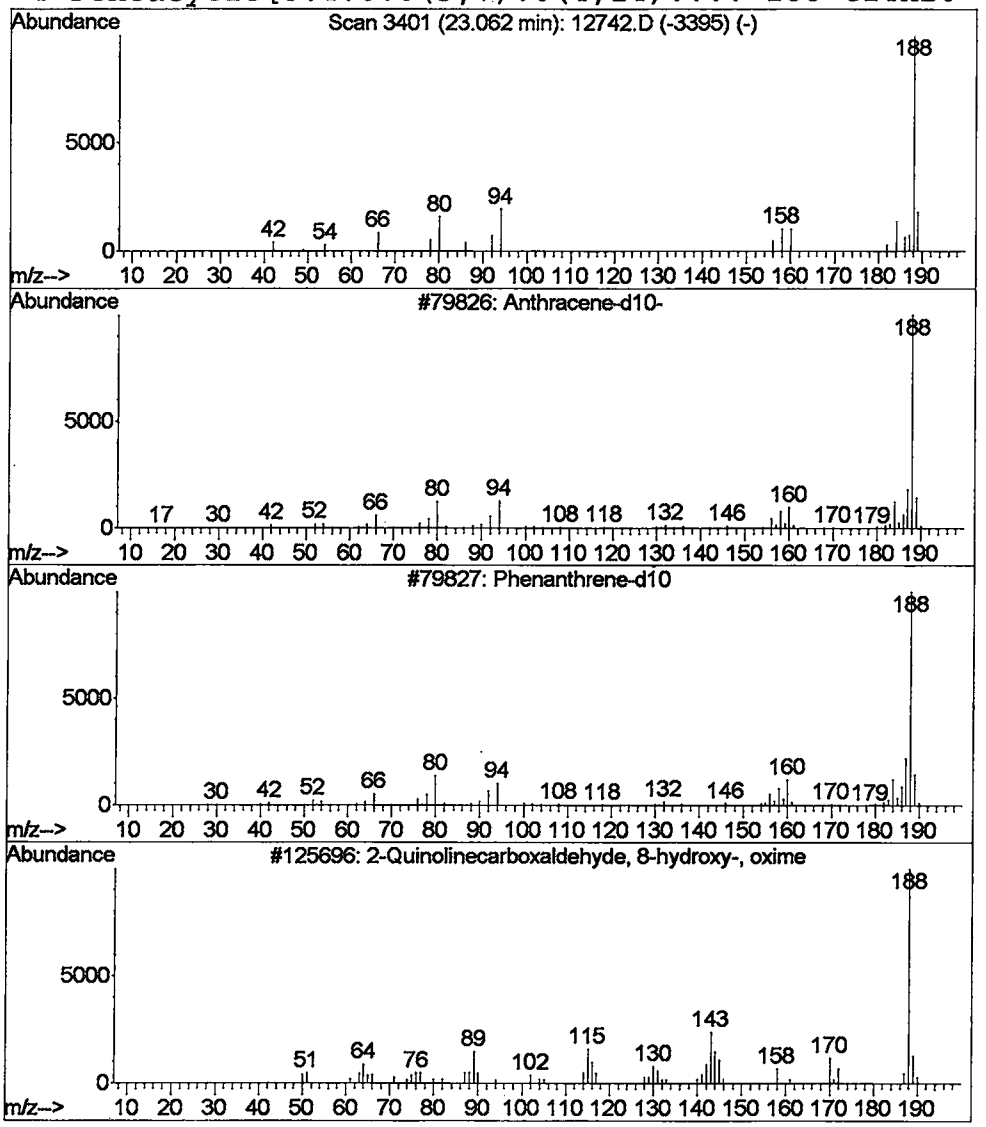
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

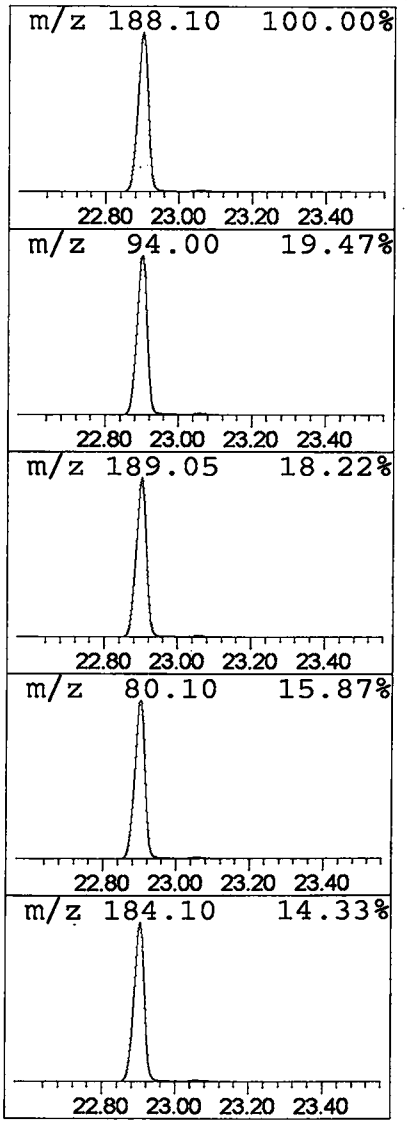
****

Peak Number 17 Anthracene-d10- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.30 ug/L	303271	Phenanthranene-d10	22.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	33





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

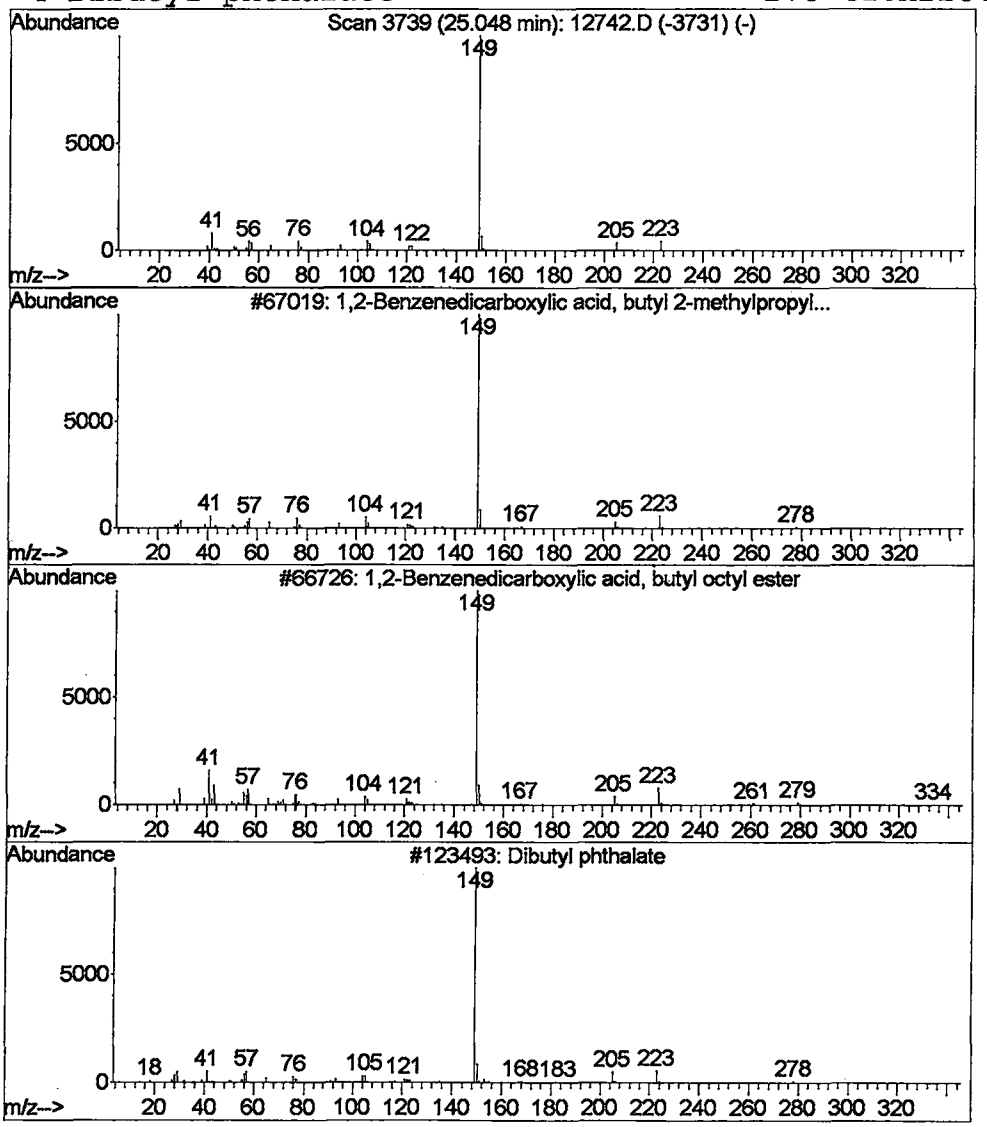
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

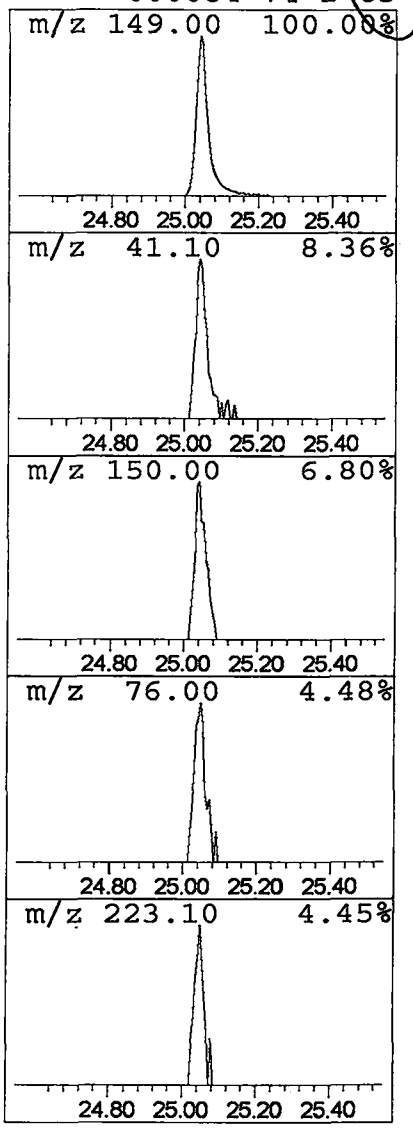
****

Peak Number 18 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	0.77 ug/L	766332	Phenanthranene-d10	22.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	90
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	83
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	83





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

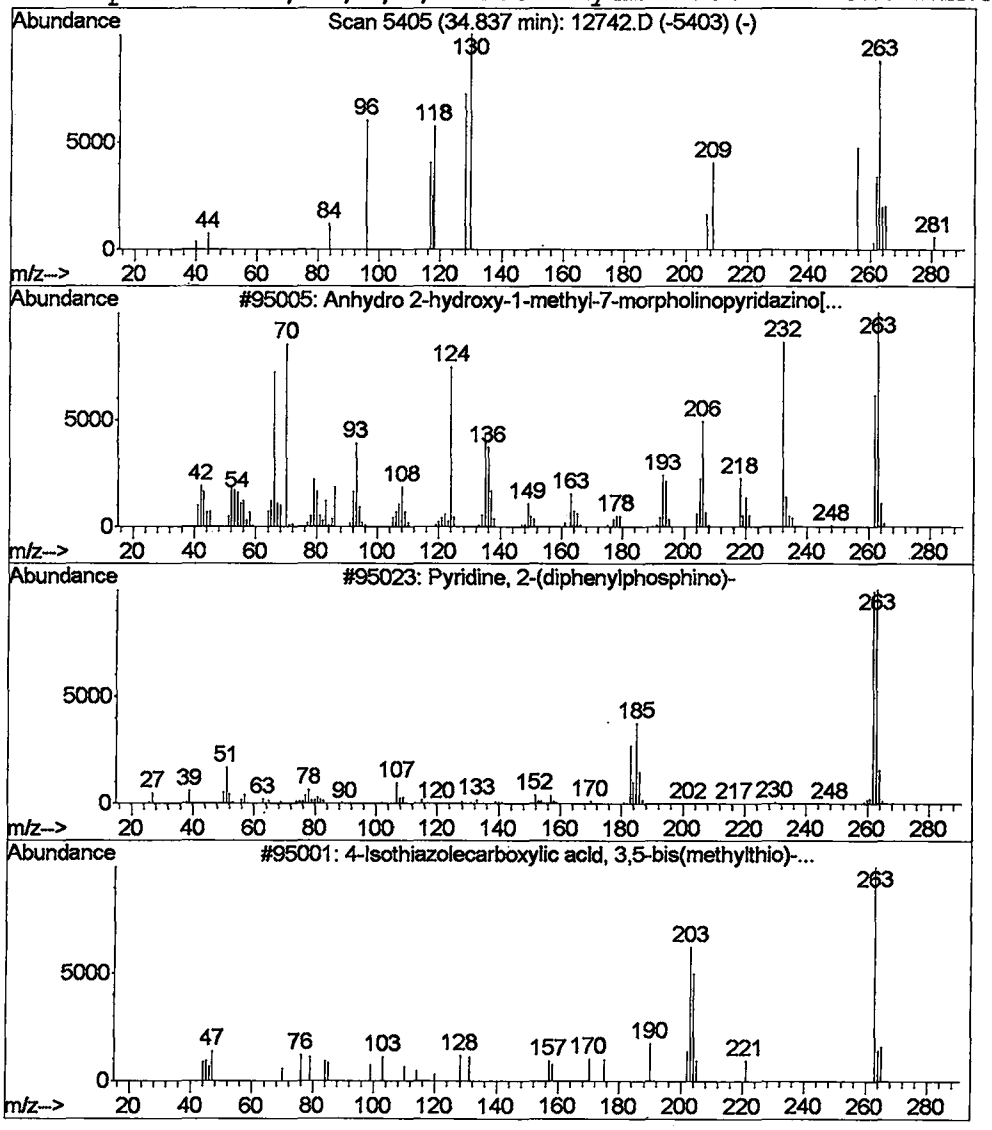
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

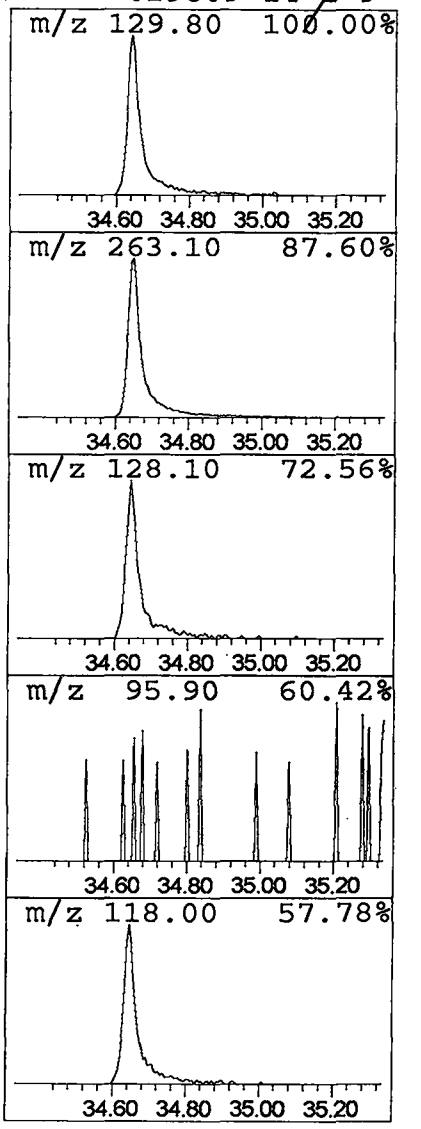
****

Peak Number 19 Anhydro 2-hydroxy-1-methyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.84	0.50 ug/L	140767	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anhydro 2-hydroxy-1-methyl-7-mor...	263	C11H13N5O3	1000213-86-4	9
2	Pyridine, 2-(diphenylphosphino)-	263	C17H14NP	037943-90-1	9
3	4-Isothiazolecarboxylic acid, 3,...	263	C9H13NO2S3	037572-40-0	9
4	Naphthalene, 1,2,3,4-tetrahydro-...	177	C10H11NO2	029809-14-1	9





Data File : C:\MSDCHEM\1\DATA\060702\12742.D Vial: 16
Acq On : 7 Jun 2002 8:47 pm Operator:
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

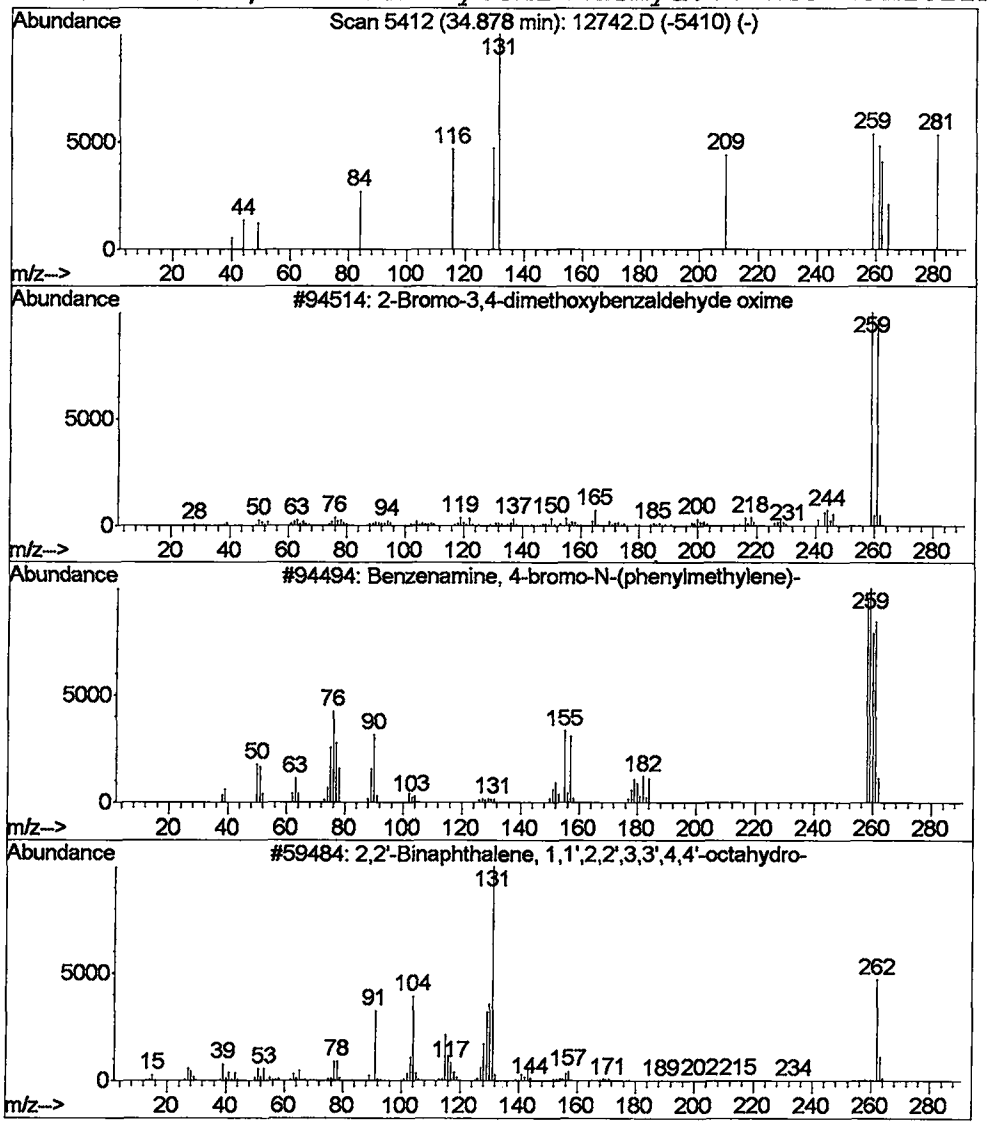
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

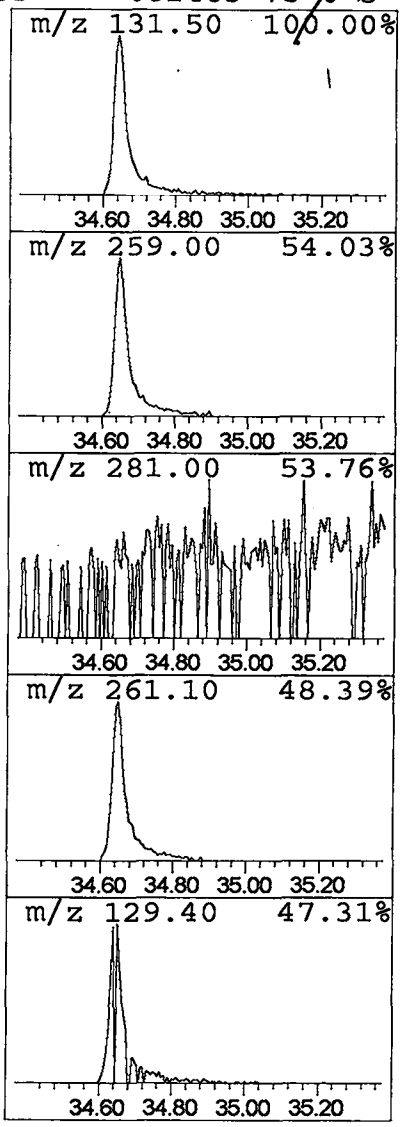
****

Peak Number 20 2-Bromo-3,4-dimethoxybenzal... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.87	0.46 ug/L	130889	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-3,4-dimethoxybenzaldehyd...	259	C9H10BrNO3	1000196-39-2	7
2	Benzenamine, 4-bromo-N-(phenylme...	259	C13H10BrN	000780-20-1	7
3	2,2'-Binaphthalene, 1,1',2,2',3,...	262	C20H22	027426-98-8	5
4	2-Bromo-4,5-dimethoxybenzaldehyd...	259	C9H10BrNO3	082463-75-0	5





Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 7 Jun 2002 8:47 pm
Data File: C:\MSDCHEM\1\DATA\060702\12742.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
Methylene Chloride	3.71	3.7	ug/L	2410780	1	9.89	26296700	40.0
1-Buten-3-yne, 1-...	3.75	3.4	ug/L	2255920	1	9.89	26296700	40.0
Ethyl Chloride	3.82	1.1	ug/L	714178	1	9.89	26296700	40.0
Methylene Chloride	3.84	1.7	ug/L	1128840	1	9.89	26296700	40.0
Borane, trifluoro-	3.88	1.5	ug/L	984628	1	9.89	26296700	40.0
2-Butyne-1,4-diol...	3.92	1.5	ug/L	1005130	1	9.89	26296700	40.0
3-Butenamide	3.96	3.7	ug/L	2447450	1	9.89	26296700	40.0
4H-1,2,4-Triazol-...	4.39	0.6	ug/L	386959	1	9.89	26296700	40.0
Propanoic acid, m...	4.52	1.6	ug/L	1030460	1	9.89	26296700	40.0
1-Propanol, 3-chl...	4.77	0.6	ug/L	363663	1	9.89	26296700	40.0
Boron trifluoride...	4.80	1.3	ug/L	837568	1	9.89	26296700	40.0
Methylene Chloride	5.34	0.4	ug/L	244374	1	9.89	26296700	40.0
2-Pentanone, 4-hy...	5.95	0.7	ug/L	485632	1	9.89	26296700	40.0
Cyclotetrasiloxan...	9.21	0.3	ug/L	225962	1	9.89	26296700	40.0
Cyclopentasiloxan...	12.37	0.6	ug/L	579970	2	13.39	35800000	40.0
Cyclohexasiloxane...	15.44	0.6	ug/L	504433	2	13.39	35800000	40.0
Anthracene-d10-	23.06	0.3	ug/L	303271	4	22.90	39850700	40.0
1,2-Benzenedicarb...	25.05	0.8	ug/L	766332	4	22.90	39850700	40.0
Anhydro 2-hydroxy...	34.84	0.5	ug/L	140767	6	34.65	11292300	40.0
2-Bromo-3,4-dimet...	34.87	0.5	ug/L	130889	6	34.65	11292300	40.0