NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 12:12:53

Sample: AE10202
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 12:12 Ended: 5/10/02 12:12 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

ID 30750/12988
Call 4/26 by Gerstick
Ⓓ Dodecyl morpholine at 0.62 ng/l FIT 72/100
RT 24.24 26.78 29.09 CAS 16528-77-1
Cetrimonium Br at 0.34 ng/l
RT 24.48 CAS 57-09-0 FIT 78/100

NYC-WTC_000045020

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Comments for Sample AE10202 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 12:14:30

The GCMS scan, from 35 to 550 amu, reveals the presence of 4-octadecyl Morpholine at 0.6 ug/l and Cetrimonium bromide at 0.3 ug/l. The recovery for 1 of the 43 compounds in the LCS Standard was low.

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\10202.D Vial: 20
Acq On : 9 May 2002 6:53 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:36:18 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	7812352	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	31184825	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	17026574	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	24903469	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	18825431	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	11783753	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	835177	8.49	ug/L	0.00
Spiked Amount 10.000			Recovery = 84.90%			
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
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	20.14	149	16553	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	0.00	77	0	N.D.		
30) Nnitrosodiphenylamine	20.54	169	17454	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.		

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\10202.D Vial: 20
Acq On : 9 May 2002 6:53 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:36:18 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	25.09	149	182100	N.D.	
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	30.81	228	49841	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	506824	1.09 ug/L	99
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.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

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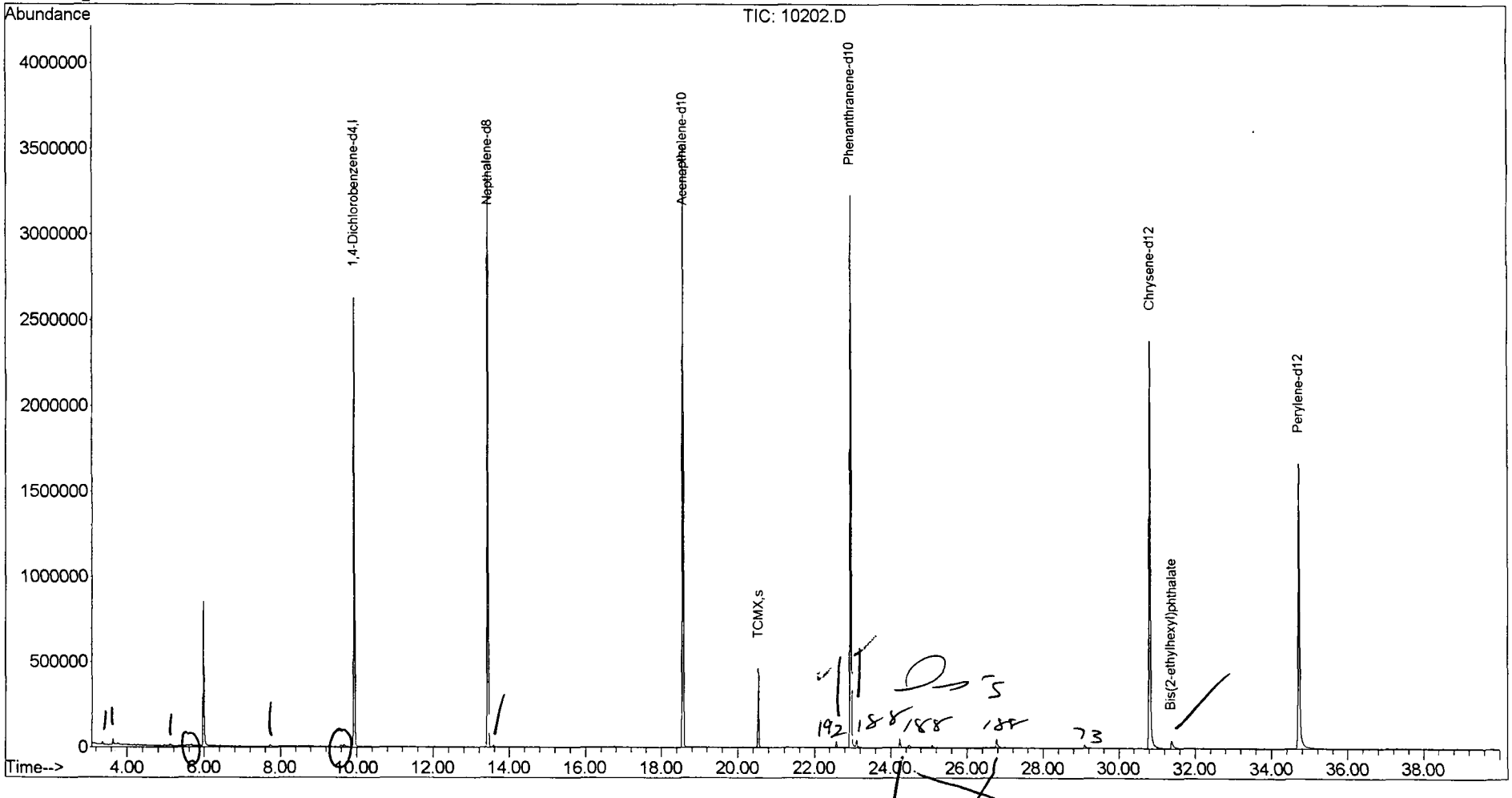
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\10202.D Vial: 20
Acq On : 9 May 2002 6:53 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 13:37 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050802\10202.D
Acq On : 9 May 2002 6:53 am
Sample : 4/30 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 20
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\050102.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	3.138	4	10	24	BV 3	5564	109298	0.16%	0.028%
2	3.367	42	49	54	PV	17937	271051	0.39%	0.069%
3	3.414	54	57	64	VV 6	4038	79375	0.11%	0.020%
4	3.561	78	82	90	PV 7	3813	86744	0.12%	0.022%
5	3.637	90	95	105	VV	34500	624401	0.89%	0.159%
6	3.726	105	110	112	VV 5	6923	138812	0.20%	0.035%
7	3.767	112	117	122	VV	13454	284116	0.41%	0.072%
8	3.808	122	124	132	VV 8	5191	136977	0.20%	0.035%
9	4.125	175	178	180	VV 3	2564	29915	0.04%	0.008%
10	4.184	183	188	194	VV 6	4741	118479	0.17%	0.030%
11	4.284	200	205	210	VV 4	6012	107329	0.15%	0.027%
12	4.360	210	218	222	VV 7	3059	84328	0.12%	0.022%
13	4.601	252	259	266	VV 8	3154	72684	0.10%	0.019%
14	4.959	316	320	329	PV 4	8108	153428	0.22%	0.039%
15	5.048	329	335	341	VV 7	2376	59972	0.09%	0.015%
16	5.112	341	346	354	VV 3	12295	231776	0.33%	0.059%
17	5.435	395	401	406	VV 3	2963	69651	0.10%	0.018%
18	5.553	413	421	427	VV 6	3025	114204	0.16%	0.029%
19	5.612	427	431	432	VV 3	2994	45858	0.07%	0.012%
20	5.665	432	440	451	VV 7	8714	239545	0.34%	0.061%
21	5.806	461	464	469	VV 5	2031	43889	0.06%	0.011%
22	5.853	469	472	481	VV 6	2628	54332	0.08%	0.014%
23	5.917	481	483	485	PV 2	1750	13808	0.02%	0.004%
24	5.976	485	493	527	VV	825628	15130310	21.65%	3.859%
25	7.022	666	671	677	VV 4	1954	39986	0.06%	0.010%
26	7.727	787	791	810	PV 2	13516	372604	0.53%	0.095%
27	8.109	851	856	860	VV 5	2693	52297	0.07%	0.013%
28	8.144	860	862	871	VV 6	2596	61036	0.09%	0.016%
29	8.749	954	965	972	VV 2	7671	168332	0.24%	0.043%
30	8.820	972	977	985	VV 5	4068	95901	0.14%	0.024%
31	9.049	999	1016	1021	PV 8	2376	73130	0.10%	0.019%
32	9.255	1043	1051	1055	VV 7	1936	48677	0.07%	0.012%
33	9.302	1055	1059	1074	VV 4	4033	97291	0.14%	0.025%
34	9.589	1102	1108	1117	PV 2	11917	255989	0.37%	0.065%
35	9.666	1117	1121	1131	VV 3	14252	374437	0.54%	0.095%
36	9.736	1131	1133	1141	VV 5	2941	68479	0.10%	0.017%
37	9.936	1153	1167	1185	VV	2575248	48117046	68.84%	12.271%

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38	10.054	1185	1187	1196	VV	6	2374	61509	0.09%	0.016%
39	10.130	1196	1200	1206	VV	4	2602	46225	0.07%	0.012%
40	10.259	1215	1222	1236	VV	9	5667	191133	0.27%	0.049%
41	10.383	1236	1243	1253	VV	6	2664	69164	0.10%	0.018%
42	10.618	1278	1283	1291	PV	4	2015	34130	0.05%	0.009%
43	11.863	1481	1495	1501	PV	7	3145	67315	0.10%	0.017%
44	12.034	1519	1524	1539	VV		6672	142387	0.20%	0.036%
45	12.410	1581	1588	1593	VV	5	3385	57031	0.08%	0.015%
46	12.527	1601	1608	1624	VV	4	2685	57698	0.08%	0.015%
47	12.662	1628	1631	1636	VV	6	2149	31995	0.05%	0.008%
48	12.721	1636	1641	1649	VV		4458	73618	0.11%	0.019%
49	13.432	1738	1762	1778	PV		3333094	64172646	91.82%	16.366%
50	13.579	1778	1787	1801	VV		11933	270208	0.39%	0.069%
51	13.826	1822	1829	1837	VV	6	2353	51309	0.07%	0.013%
52	14.049	1863	1867	1876	VV	4	2148	48142	0.07%	0.012%
53	14.261	1897	1903	1909	PV	6	3392	68437	0.10%	0.017%
54	14.607	1957	1962	1967	VV	2	2664	39612	0.06%	0.010%
55	15.694	2142	2147	2158	VV	2	4201	84012	0.12%	0.021%
56	15.900	2177	2182	2191	PV	4	3536	69961	0.10%	0.018%
57	16.376	2254	2263	2271	VV	6	3973	94443	0.14%	0.024%
58	16.746	2319	2326	2329	VV	2	7661	135963	0.19%	0.035%
59	16.775	2329	2331	2341	VV	4	4824	82281	0.12%	0.021%
60	17.145	2391	2394	2402	VV	6	1930	36186	0.05%	0.009%
61	18.573	2622	2637	2666	VV		3523306	69892527	100.00%	17.824%
62	18.814	2673	2678	2692	VV	5	2652	80840	0.12%	0.021%
63	18.955	2692	2702	2713	VV	5	2686	74474	0.11%	0.019%
64	20.148	2895	2905	2914	VV	4	6135	137422	0.20%	0.035%
65	20.324	2924	2935	2944	PV	5	2254	61644	0.09%	0.016%
66	20.536	2959	2971	2983	VV		456018	8384536	12.00%	2.138%
67	20.683	2991	2996	3003	VB	6	1571	28063	0.04%	0.007%
68	21.399	3105	3118	3122	VV	8	2880	54763	0.08%	0.014%
69	21.758	3172	3179	3184	VV	4	3196	67609	0.10%	0.017%
70	22.580	3312	3319	3329	VV		35271	672980	0.96%	0.172%
71	22.956	3370	3383	3402	PV	2	3172046	68472626	97.97%	17.462%
72	23.109	3402	3409	3431	VV		42547	1170613	1.67%	0.299%
73	23.685	3504	3507	3511	VV	4	1961	30434	0.04%	0.008%
74	23.891	3538	3542	3550	VV	4	2196	55575	0.08%	0.014%
75	24.108	3568	3579	3585	VV	3	2811	60796	0.09%	0.016%
76	24.237	3593	3601	3621	VV		49868	1067287	1.53%	0.272%
77	24.484	3636	3643	3667	VV		15417	580289	0.83%	0.148%
78	25.089	3739	3746	3760	VV		16077	366443	0.52%	0.093%
79	26.776	4025	4033	4057	PV		49518	1296442	1.85%	0.331%
80	29.090	4406	4427	4445	BV		16971	543985	0.78%	0.139%
81	29.978	4567	4578	4587	PV	8	3152	95457	0.14%	0.024%
82	30.812	4706	4720	4769	PV	2	2381678	59021911	84.45%	15.052%
83	31.106	4769	4770	4774	VV	4	3337	50335	0.07%	0.013%
84	31.141	4774	4776	4778	VV	3	2990	33751	0.05%	0.009%
85	31.382	4808	4817	4855	PV	2	46714	1887272	2.70%	0.481%
86	34.708	5371	5383	5418	PV	2	1650042	43264624	61.90%	11.034%
87	34.925	5418	5420	5426	VV	4	9683	247437	0.35%	0.063%

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88	34.966	5426	5427	5431	VV 4	7537	111287	0.16%	0.028%
89	34.995	5431	5432	5441	VV 5	6474	169137	0.24%	0.043%
90	35.824	5564	5573	5578	VV 6	1565	24889	0.04%	0.006%

Sum of corrected areas: 392116337

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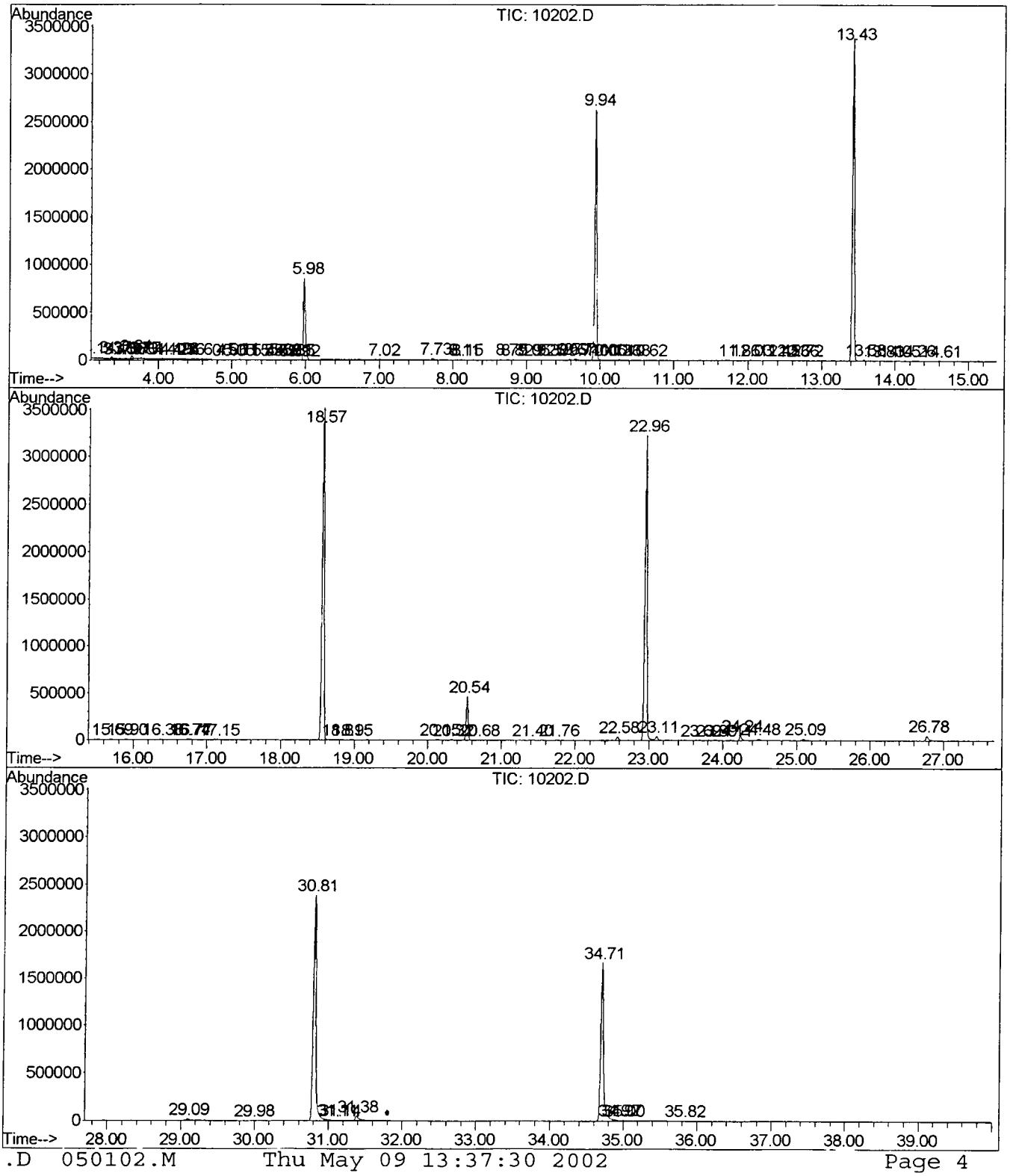
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050802\10202.D
Operator : Mclean
Acquired : 9 May 2002 6:53 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/30 eh
Misc Info :
Vial Number: 20
Quant File :050102.RES (Chemstation Integrator)



NYC-WTC_000045028

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\10202.D
Acq On : 9 May 2002 6:53 am
Sample : 4/30 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 20
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

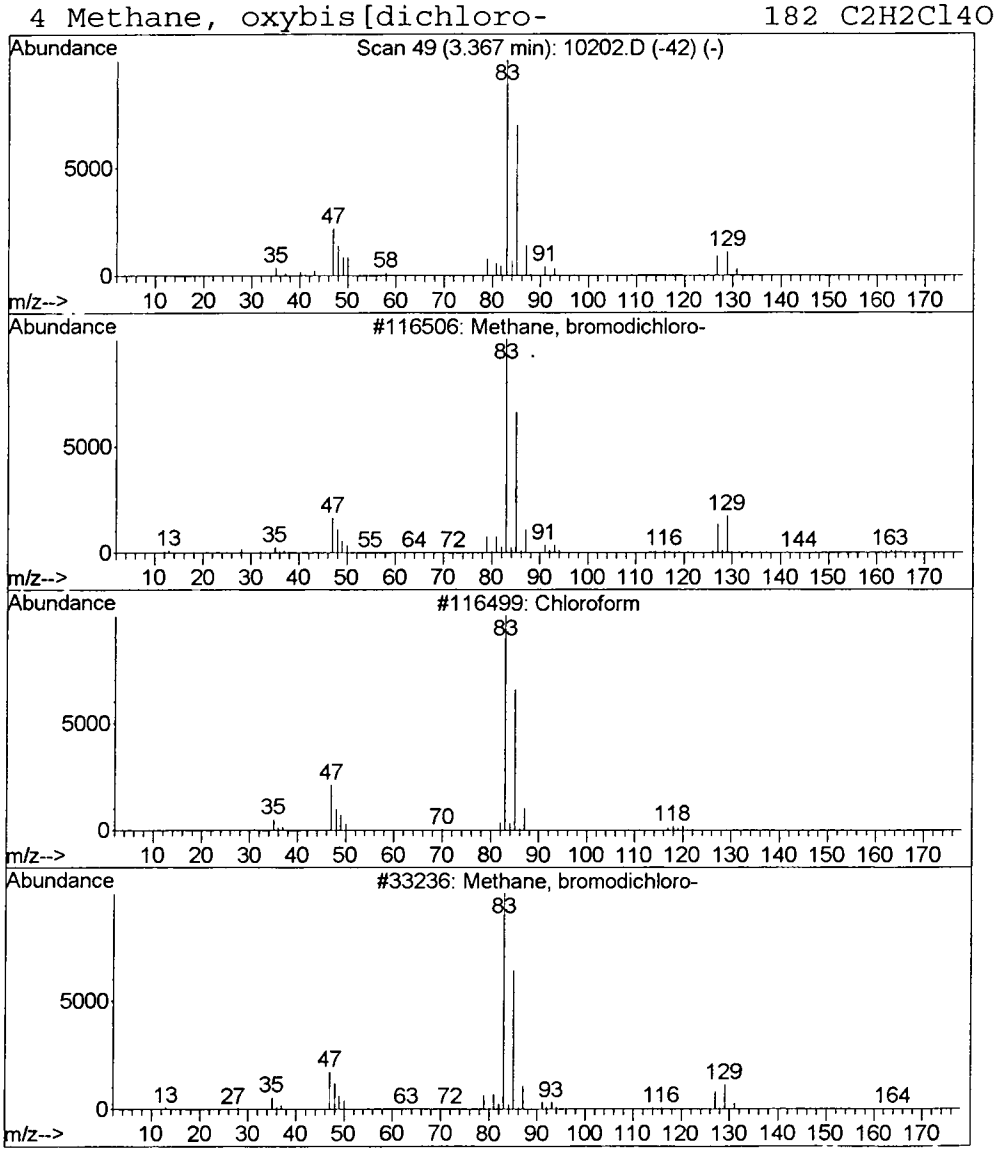
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

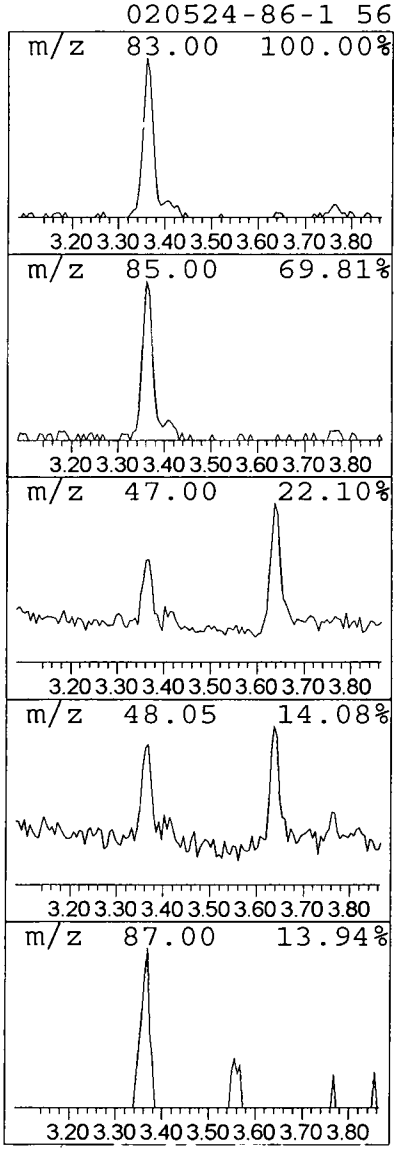
****

Peak Number 1 Methane, bromodichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	0.23 ug/L	271051	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2	Chloroform	118	CHCl3	000067-66-3	80
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
4	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	56





NYC-WTC_000045029

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\10202.D
Acq On : 9 May 2002 6:53 am
Sample : 4/30 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 20
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

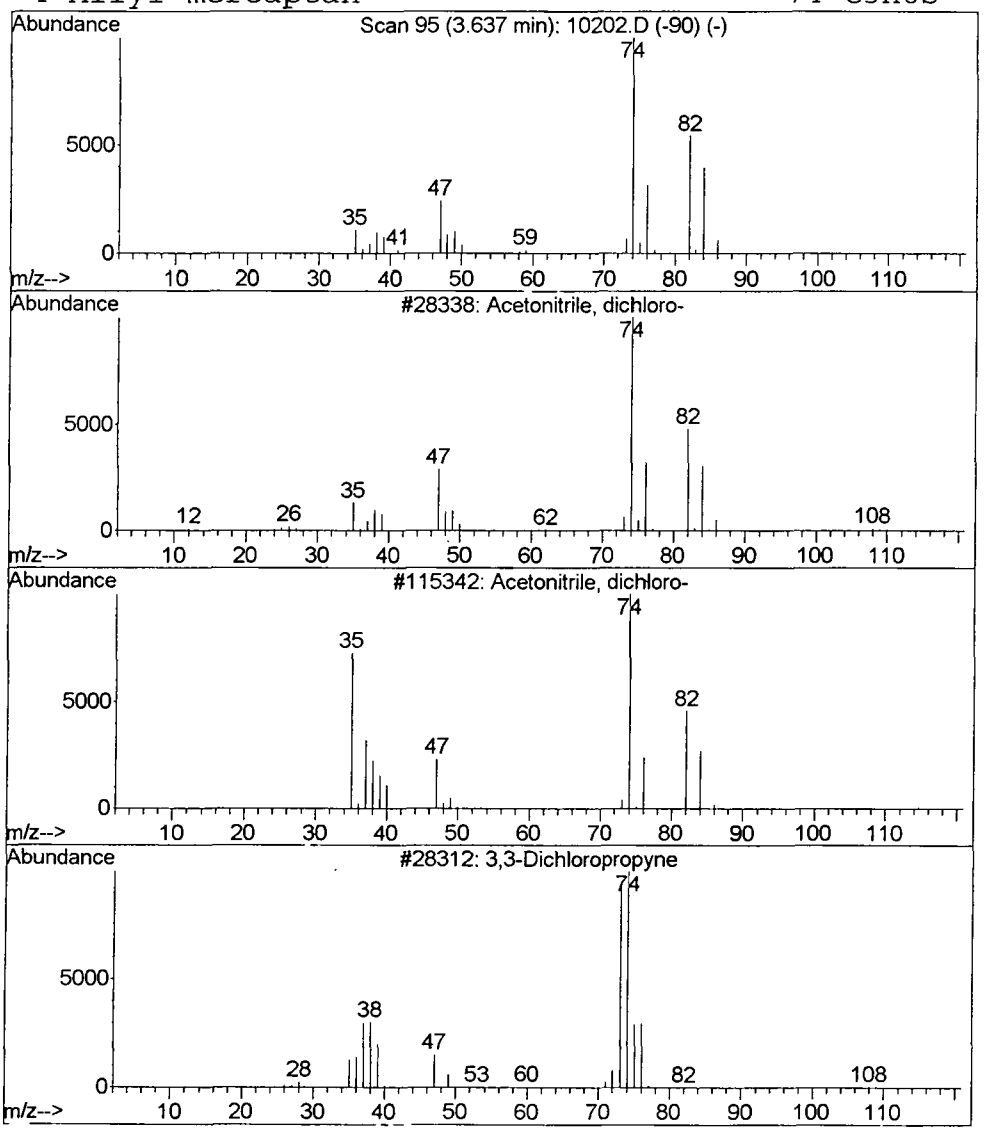
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

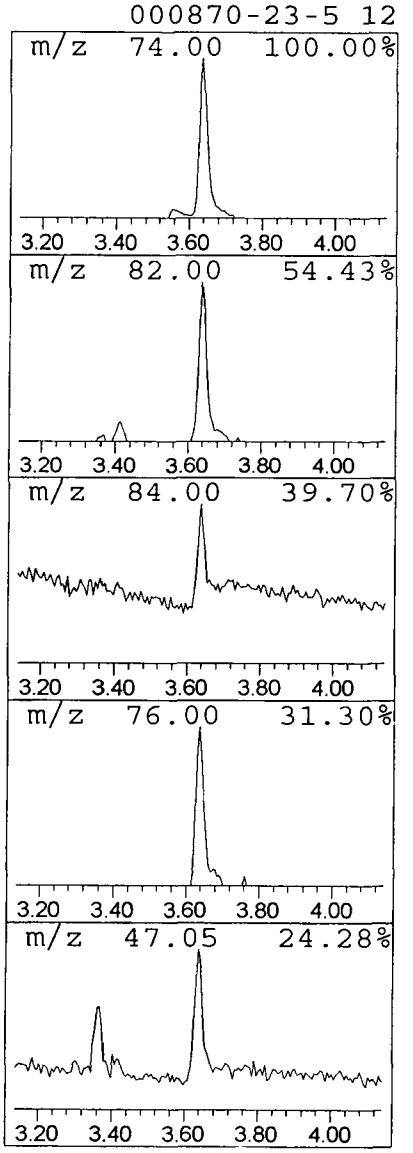
****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.52 ug/L	624401	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	87
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
4	Allyl mercaptan	74	C3H6S	000870-23-5	12





NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\10202.D Vial: 20
Acq On : 9 May 2002 6:53 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

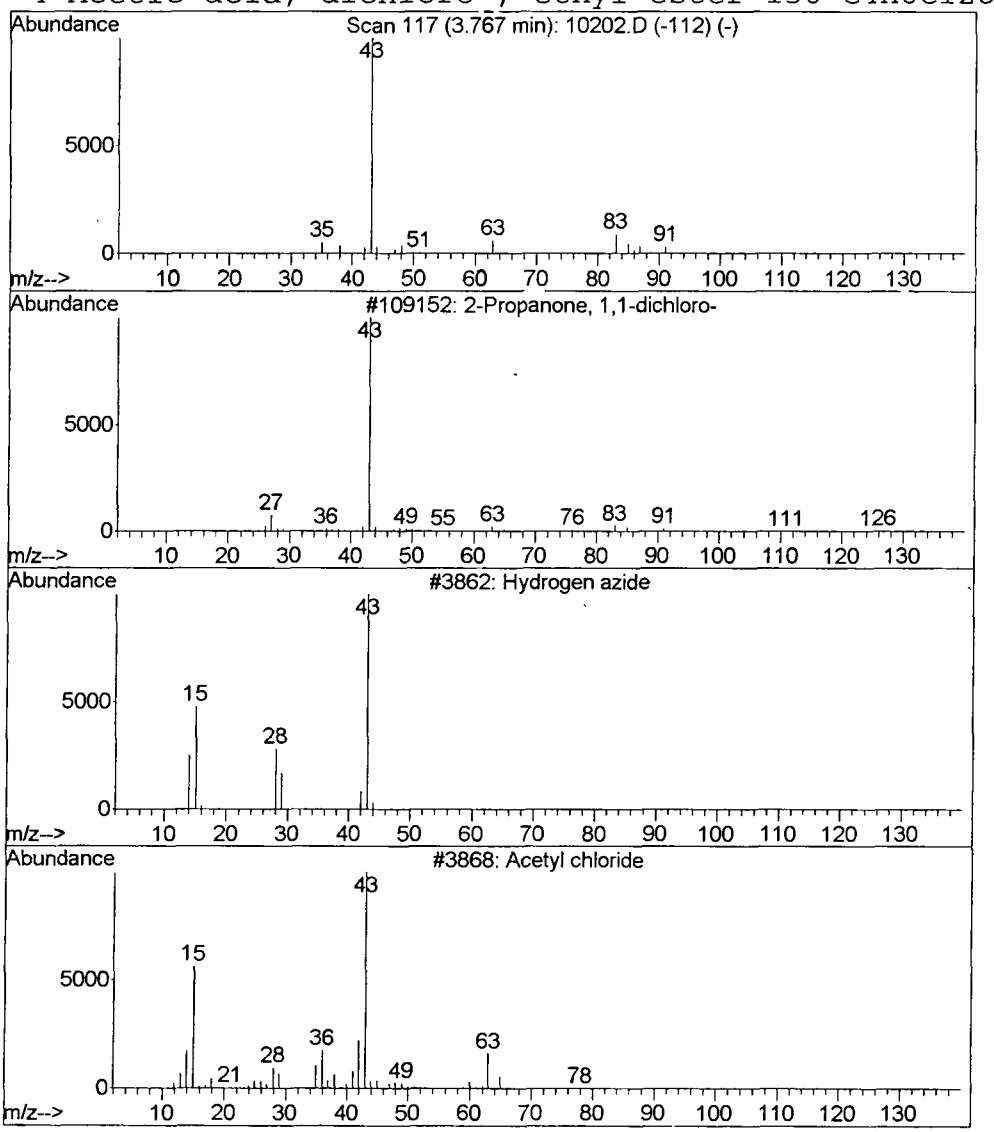
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

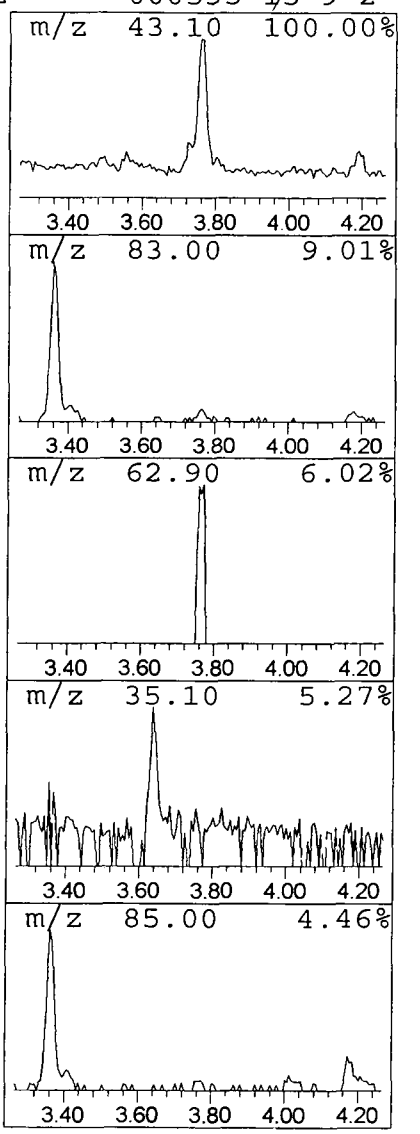
****

Peak Number 3 2-Propanone, 1,1-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	0.24 ug/L	284116	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4
2	Hydrogen azide	43	HN3	007782-79-8	2
3	Acetyl chloride	78	C2H3ClO	000075-36-5	2
4	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2





NYC-WTC_000045031

Library Search Compound Report

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Sample : 4/30 eh Inst : Instrumen
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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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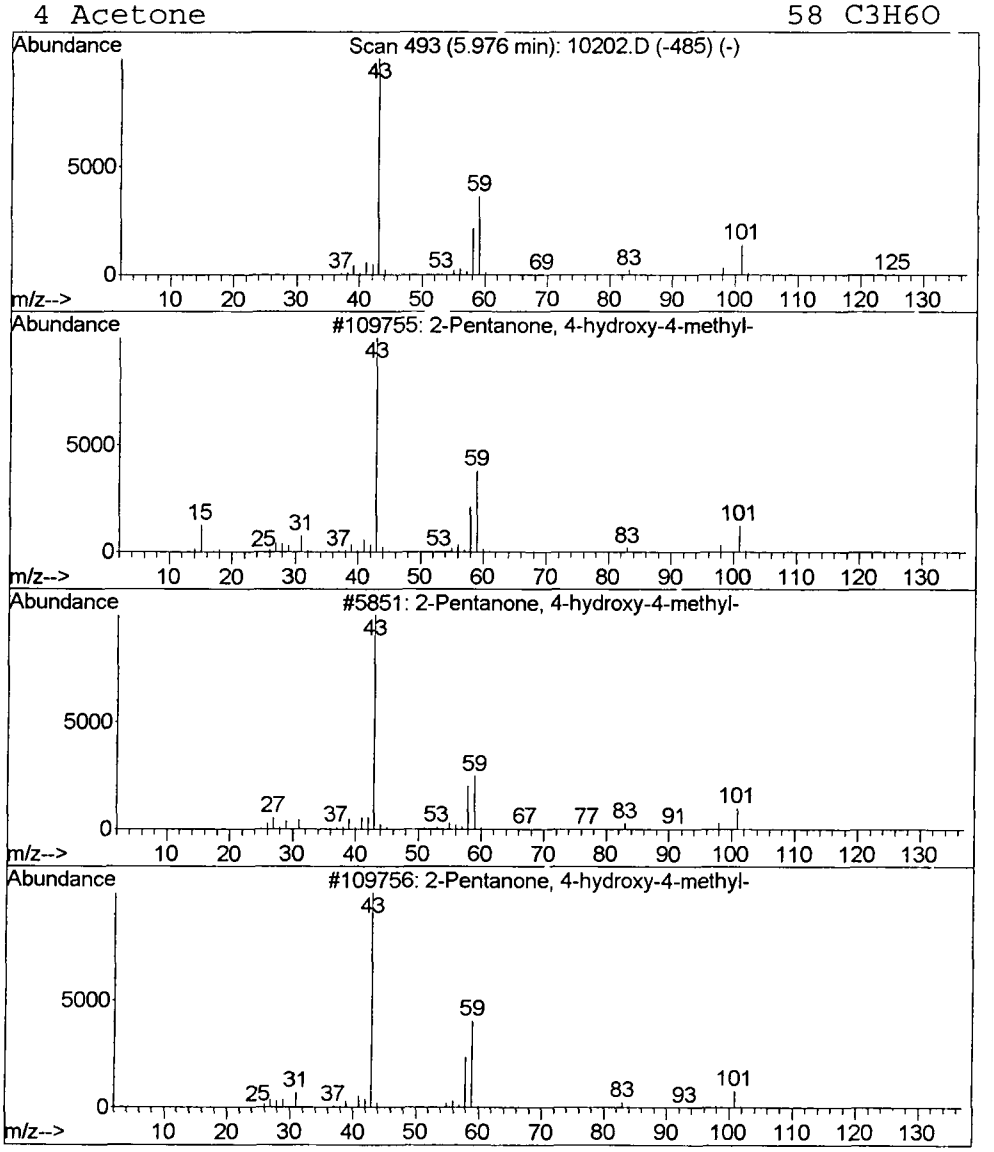
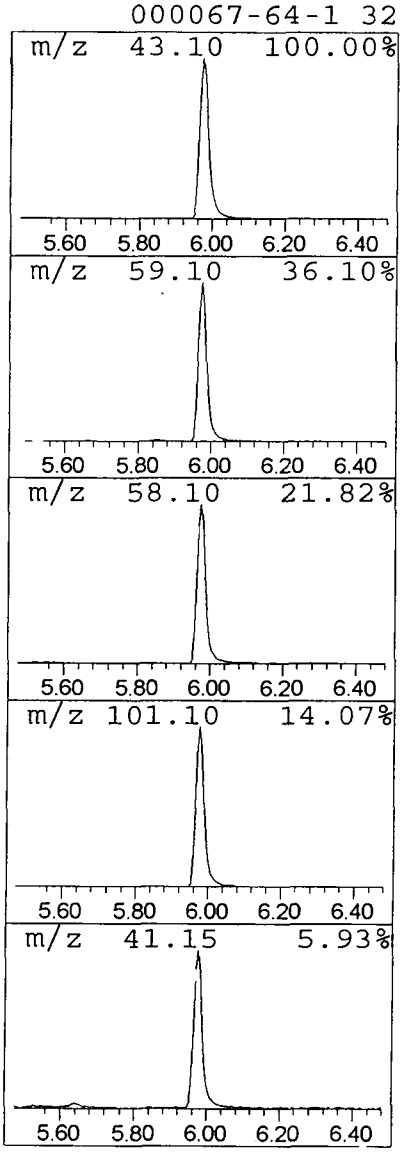
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	12.58 ug/L	15130300	1,4-Dichlorobenzene-d4	9.94

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	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	Acetone	58	C3H6O	000067-64-1	32





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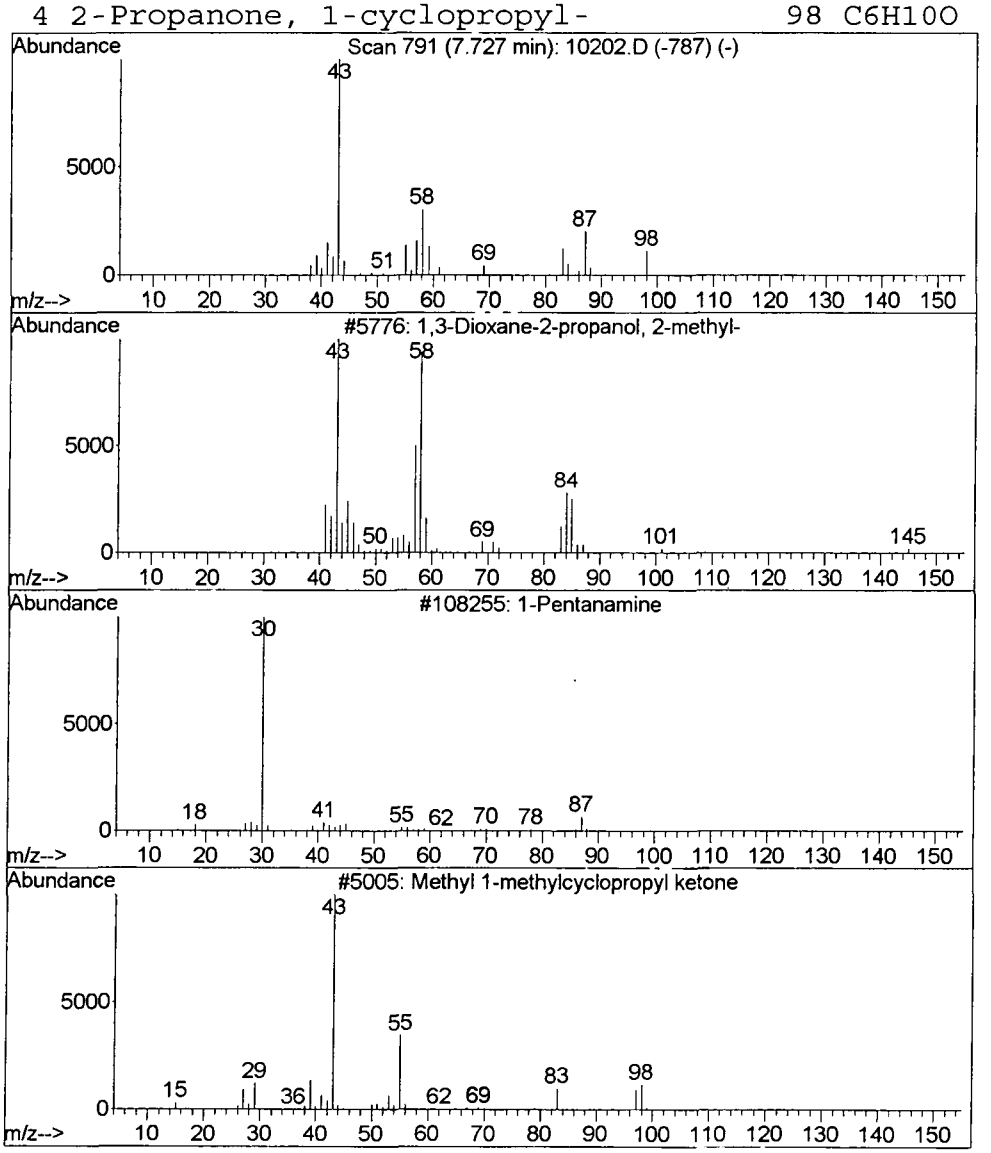
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

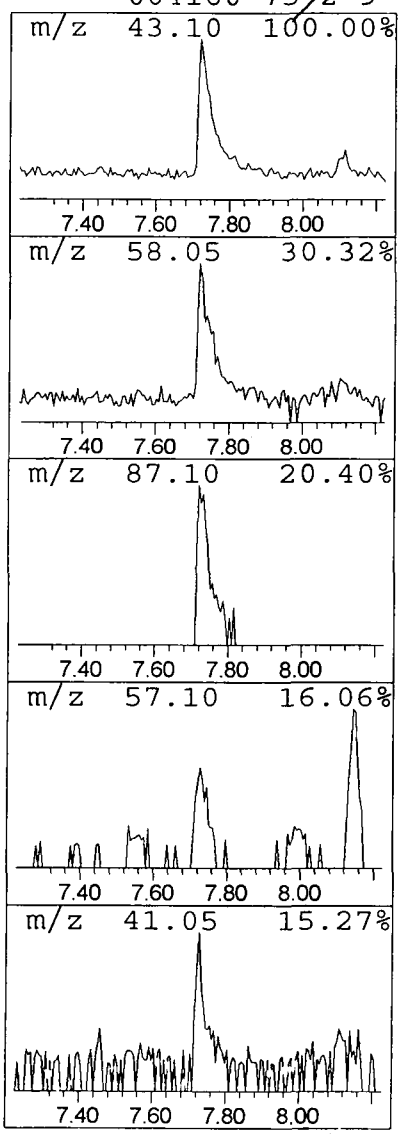
****

Peak Number 5 1,3-Dioxane-2-propanol, 2-m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.31 ug/L	372604	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	12
2	1-Pentanamine	87	C5H13N	000110-58-7	9
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9





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Library Search Compound Report

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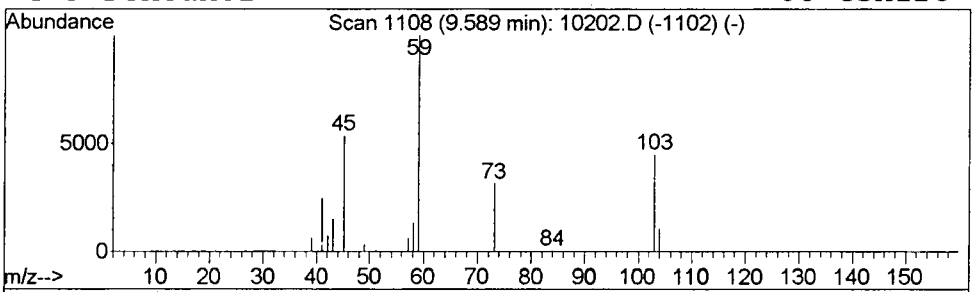
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

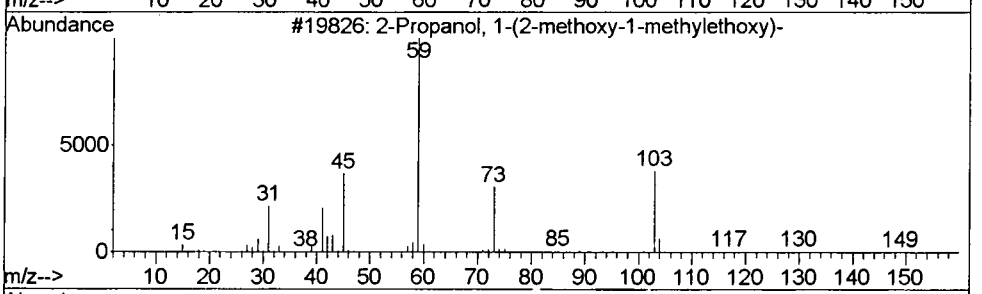
****

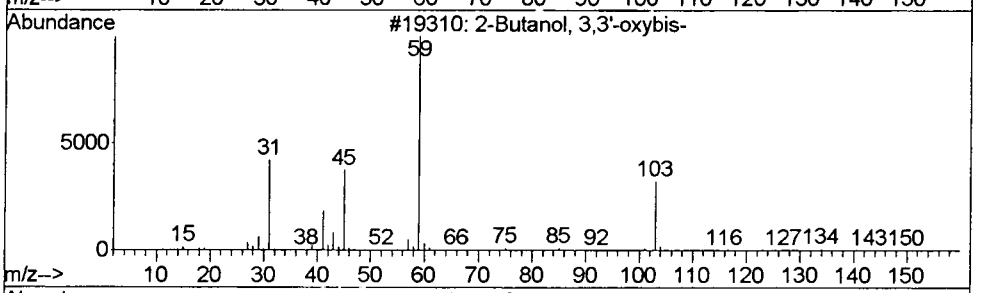
Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 15

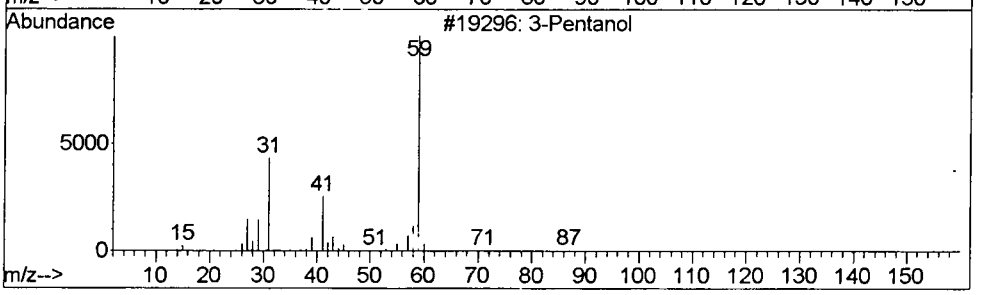
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	0.21 ug/L	255989	1,4-Dichlorobenzene-d4	9.94

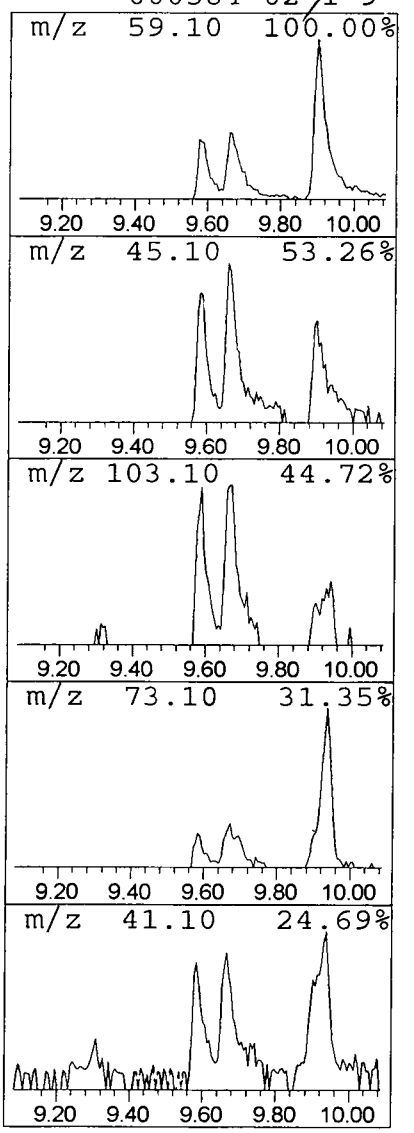
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39
3	3-Pentanol	88	C5H12O	000584-02-1	17
4	3-Pentanol	88	C5H12O	000584-02-1	9











NYC-WTC_000045034

Library Search Compound Report

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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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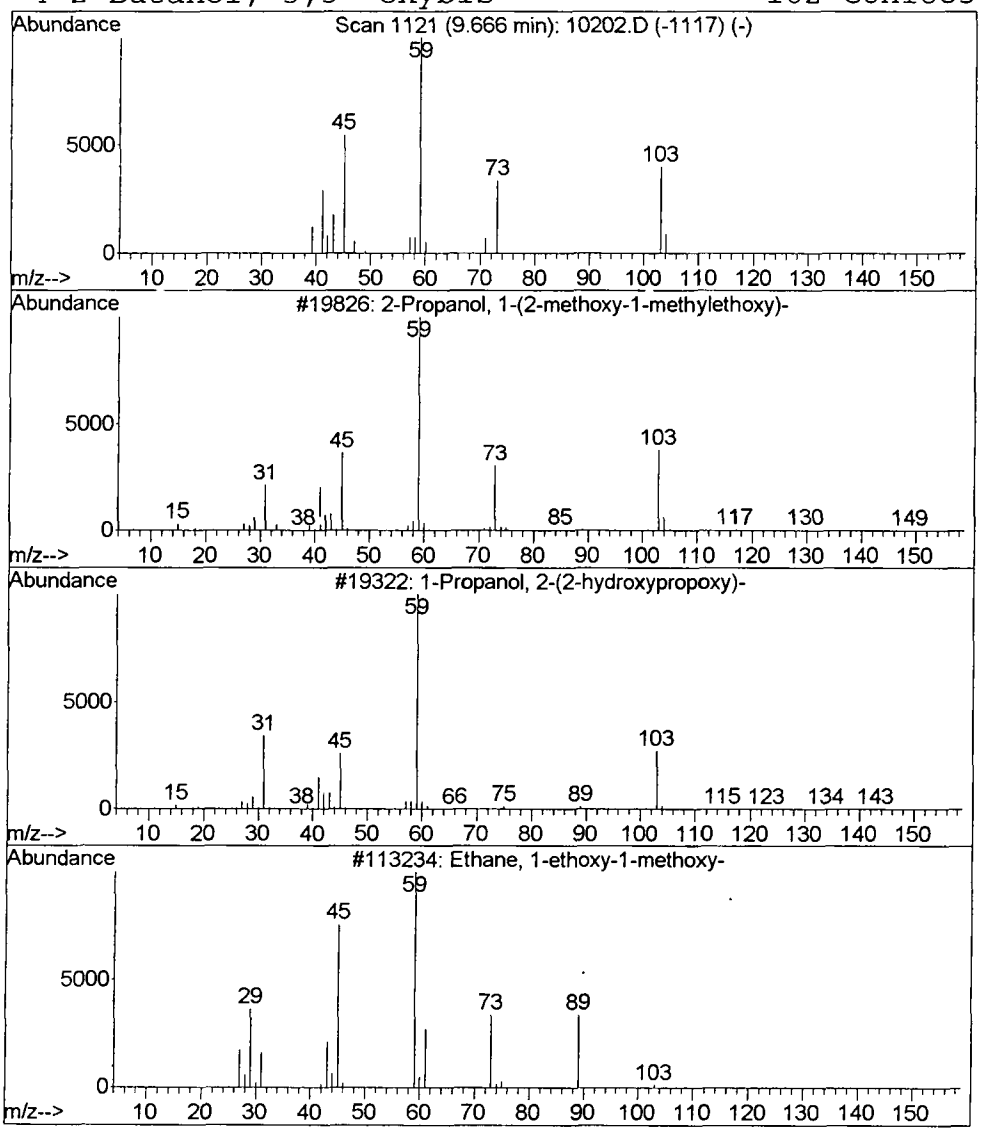
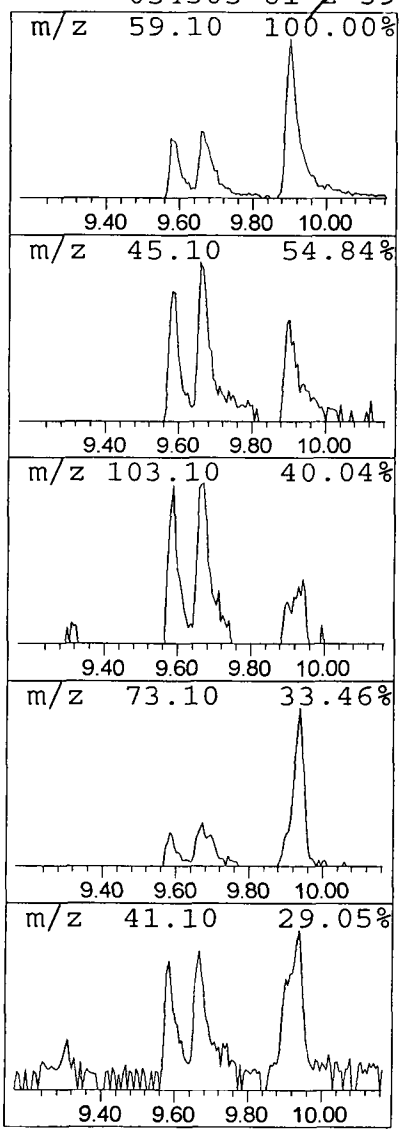
Peak Number 7 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	0.31 ug/L	374437	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	42
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39





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Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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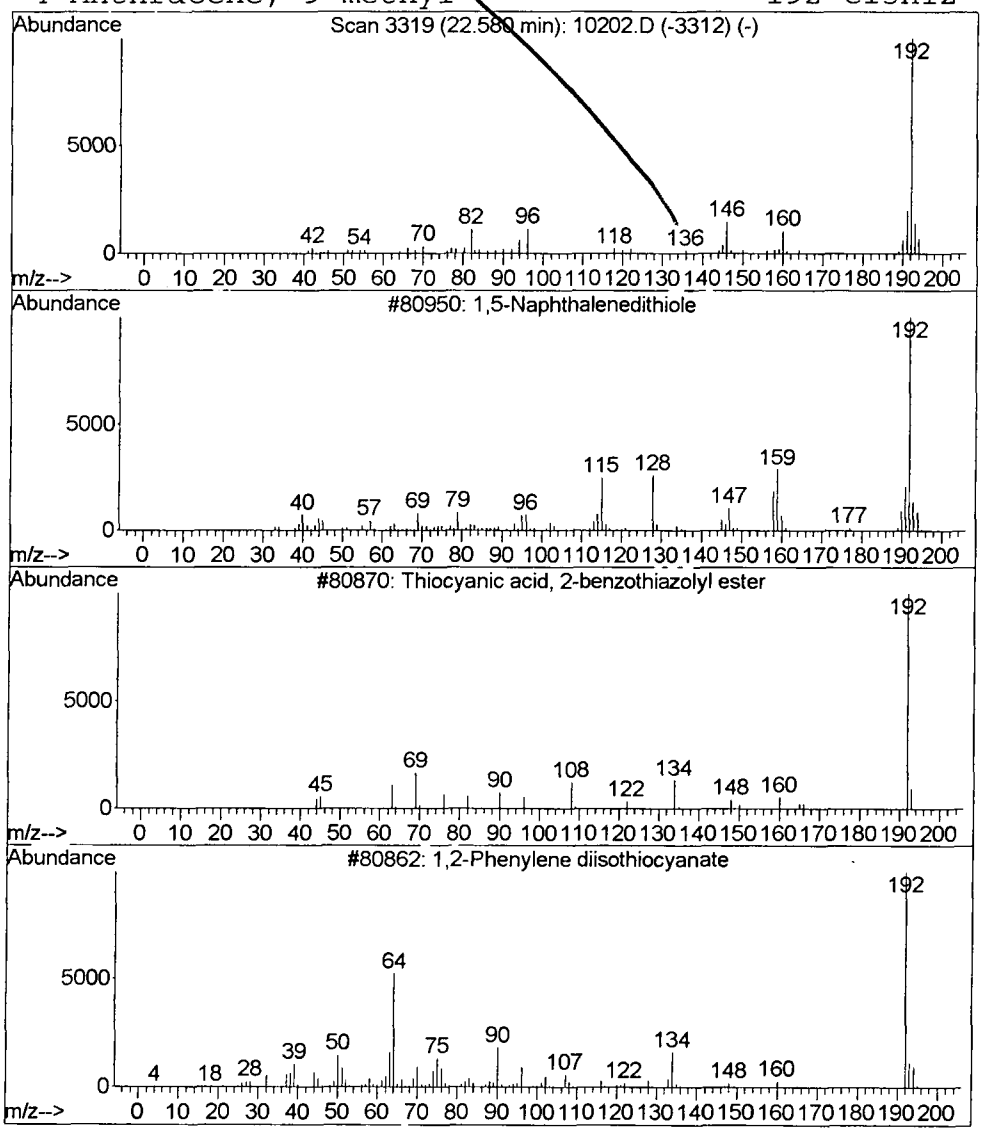
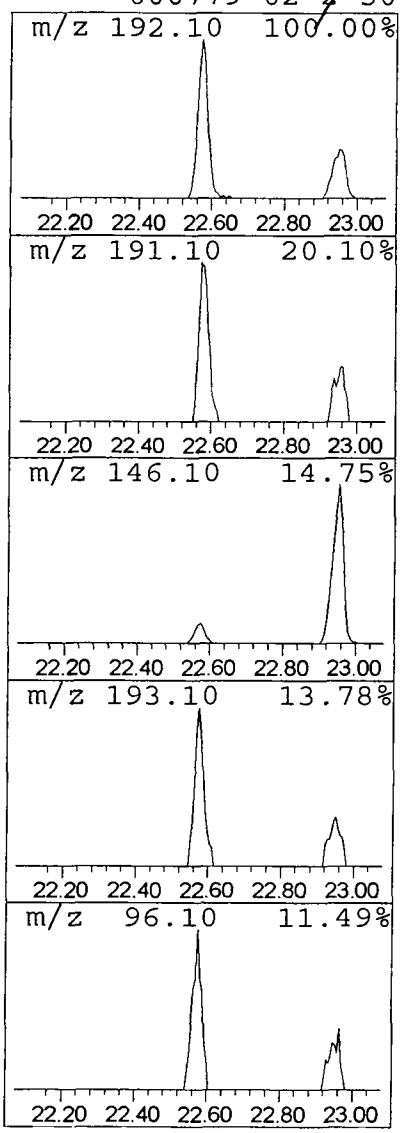
Peak Number 8 1,5-Naphthalenedithiole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.39 ug/L	672980	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	72
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
3	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	50
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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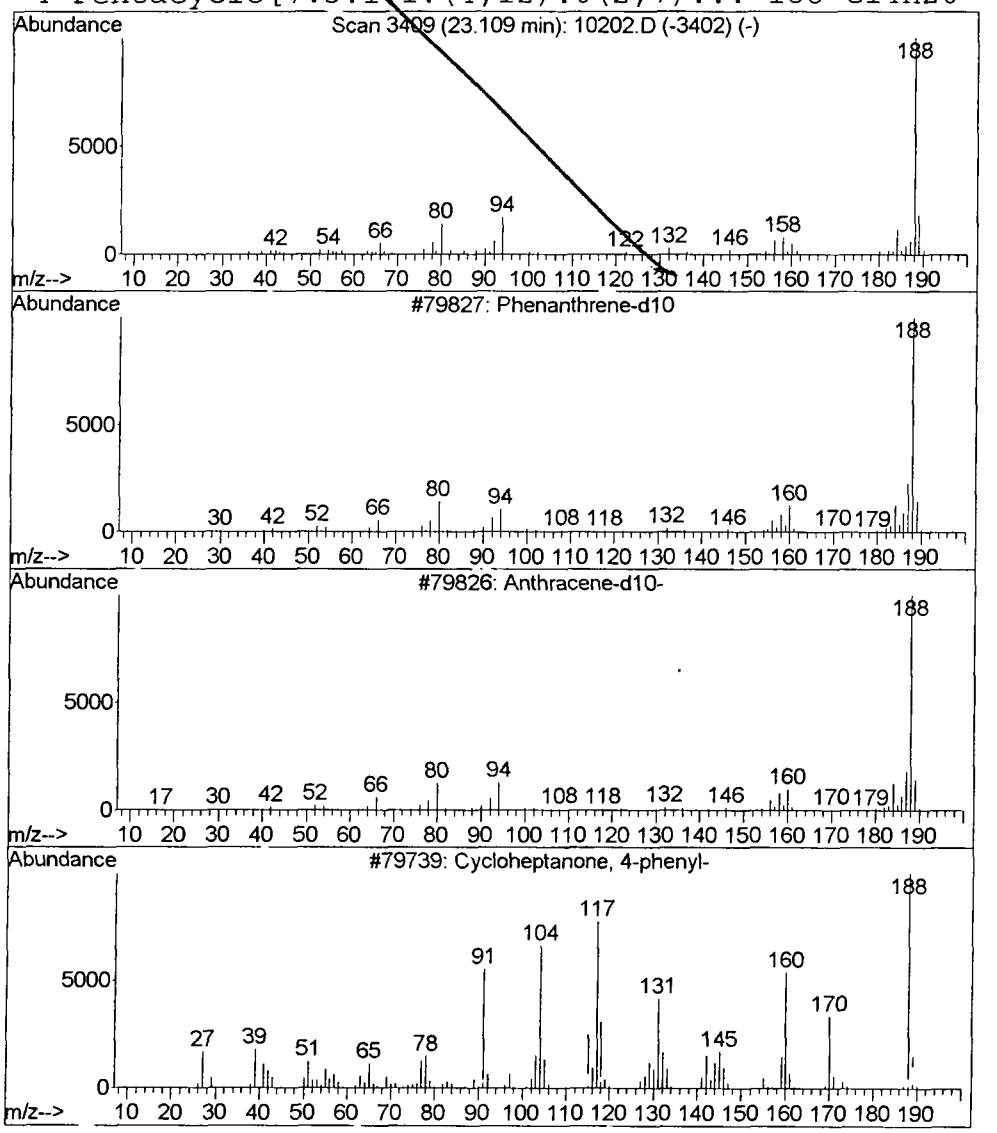
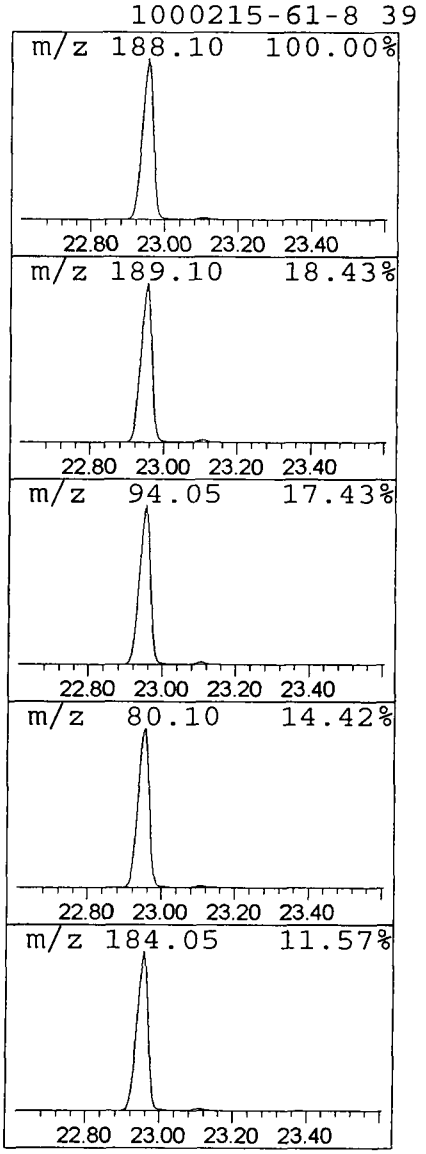
Peak Number 9 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.68 ug/L	1170610	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	86
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	50
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	39





NYC-WTC_000045037

Library Search Compound Report

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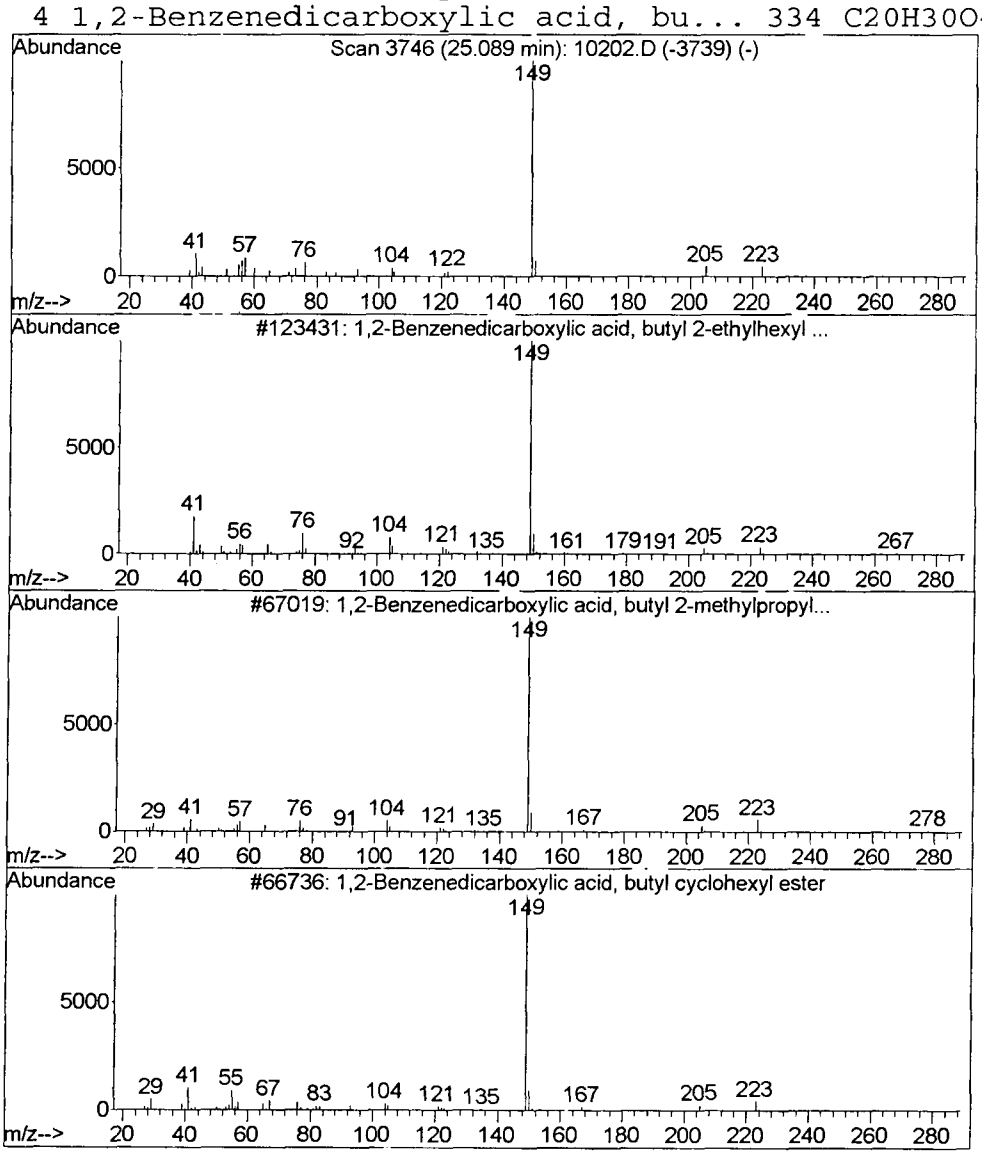
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

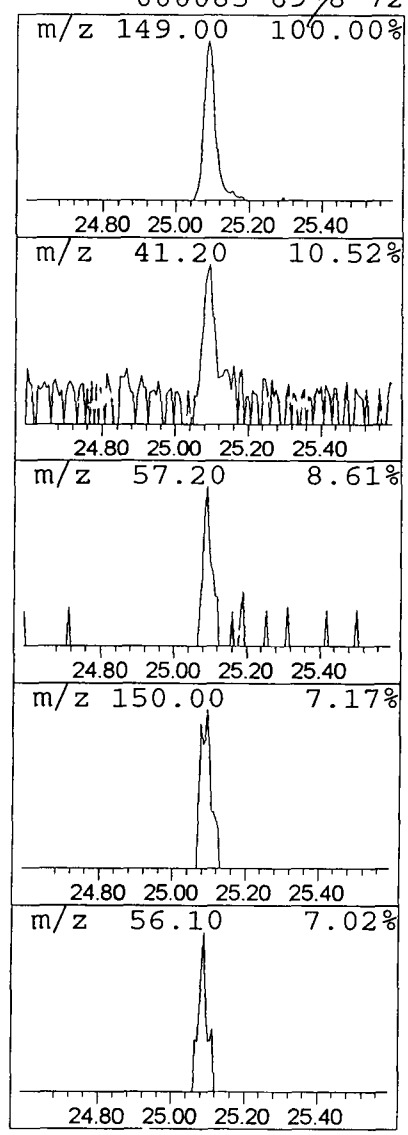
****

Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	0.21 ug/L	366443	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
2	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	78
3	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	72
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	72





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Library Search Compound Report

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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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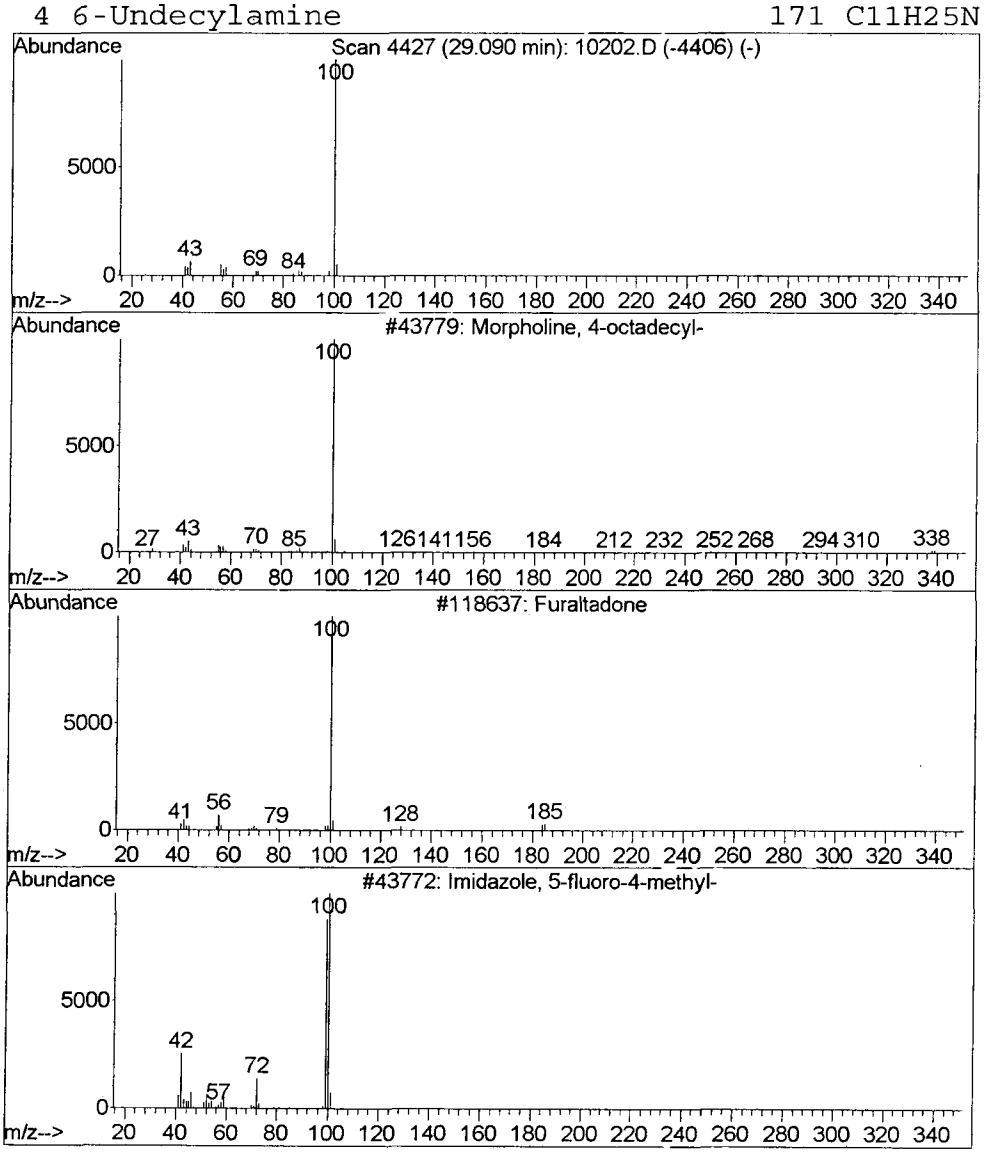
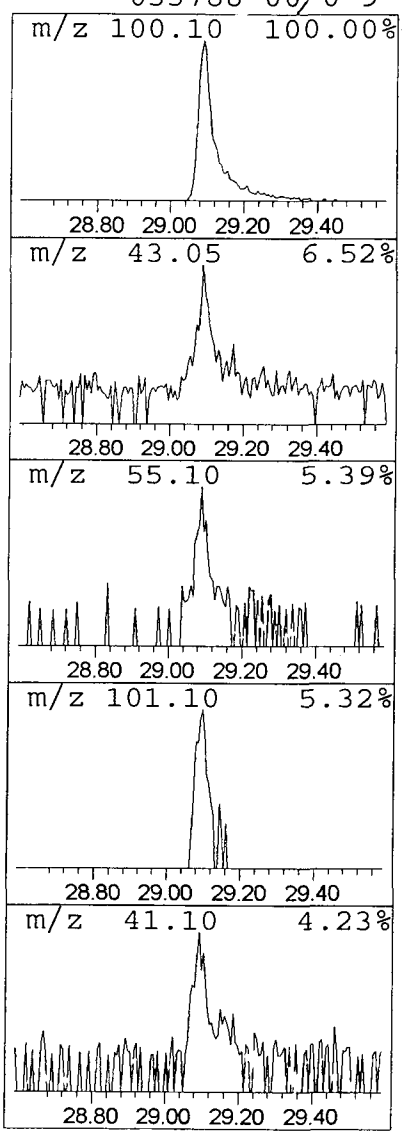
Peak Number 14 Morpholine, 4-octadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.09	0.37 ug/L	543985	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-octadecyl-	339	C22H45NO	016528-77-1	78
2	Furaltadone	324	C13H16N4O6	000139-91-3	43
3	Imidazole, 5-fluoro-4-methyl-	100	C4H5FN2	041367-01-5	9
4	6-Undecylamine	171	C11H25N	033788-00-0	9





NYC-WTC_000045039

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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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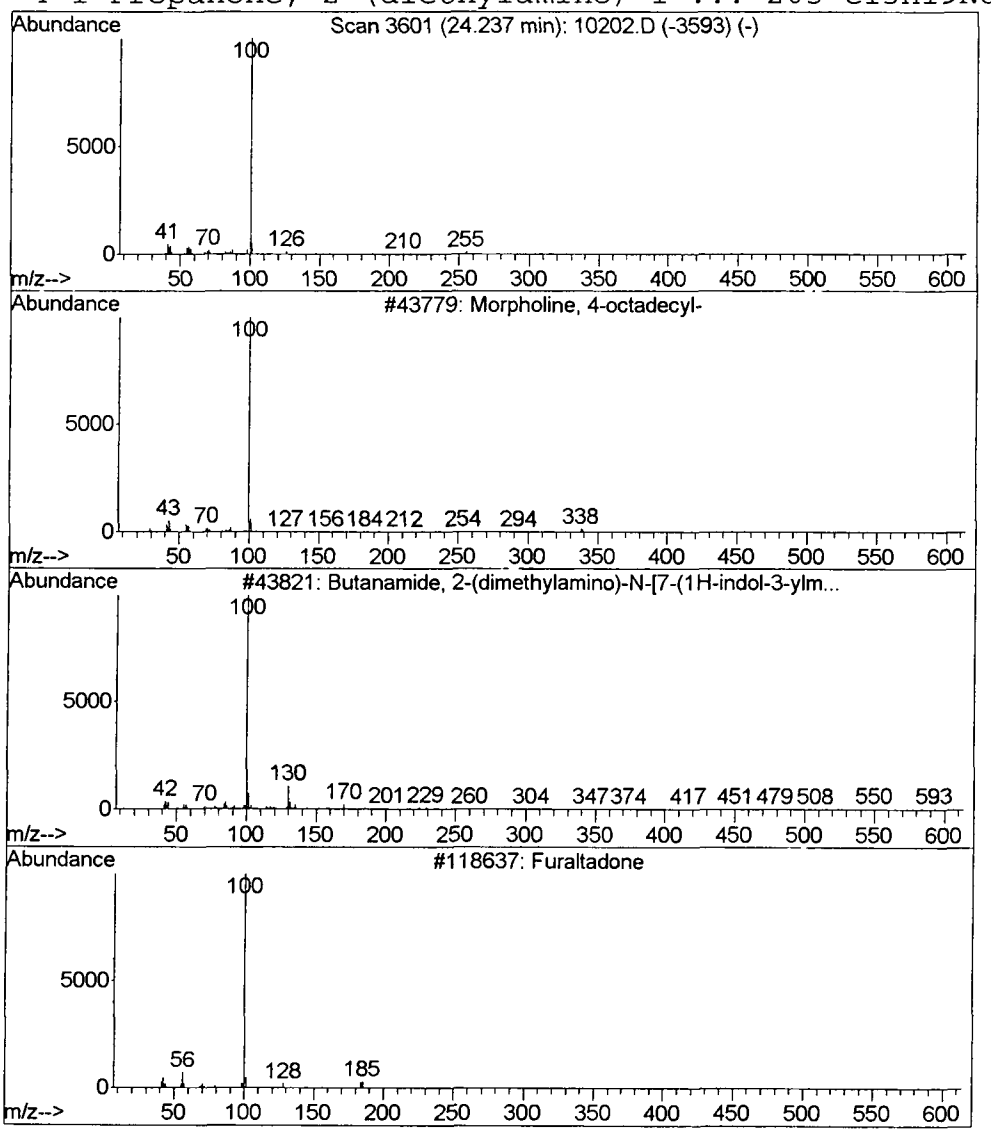
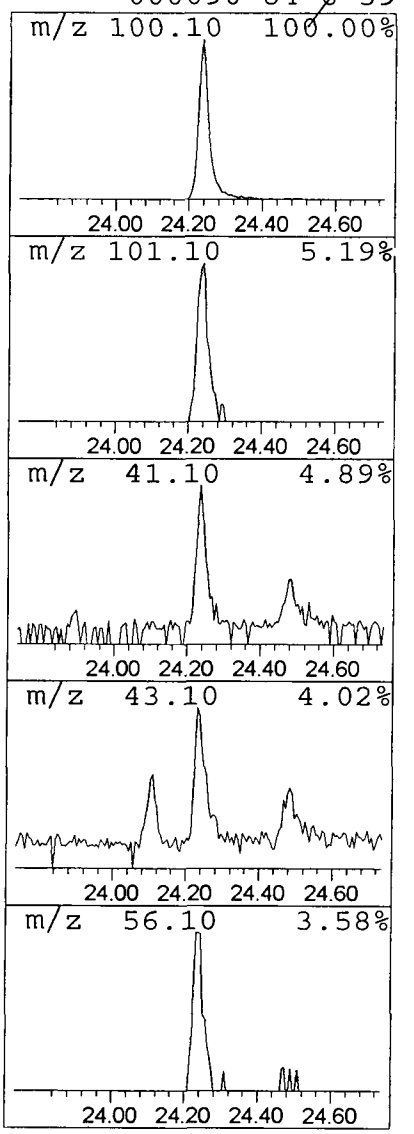
Peak Number 10 Morpholine, 4-octadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	0.62 ug/L	1067290	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-octadecyl-	339	C22H45NO	016528-77-1	72
2	Butanamide, 2-(dimethylamino)-N-...	593	C35H39N5O4	018397-13-2	40
3	Furaltadone	324	C13H16N4O6	000139-91-3	39
4	1-Propanone, 2-(diethylamino)-1-...	205	C13H19NO	000090-84-6	39





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Title : 508 Modified GC/MS scan
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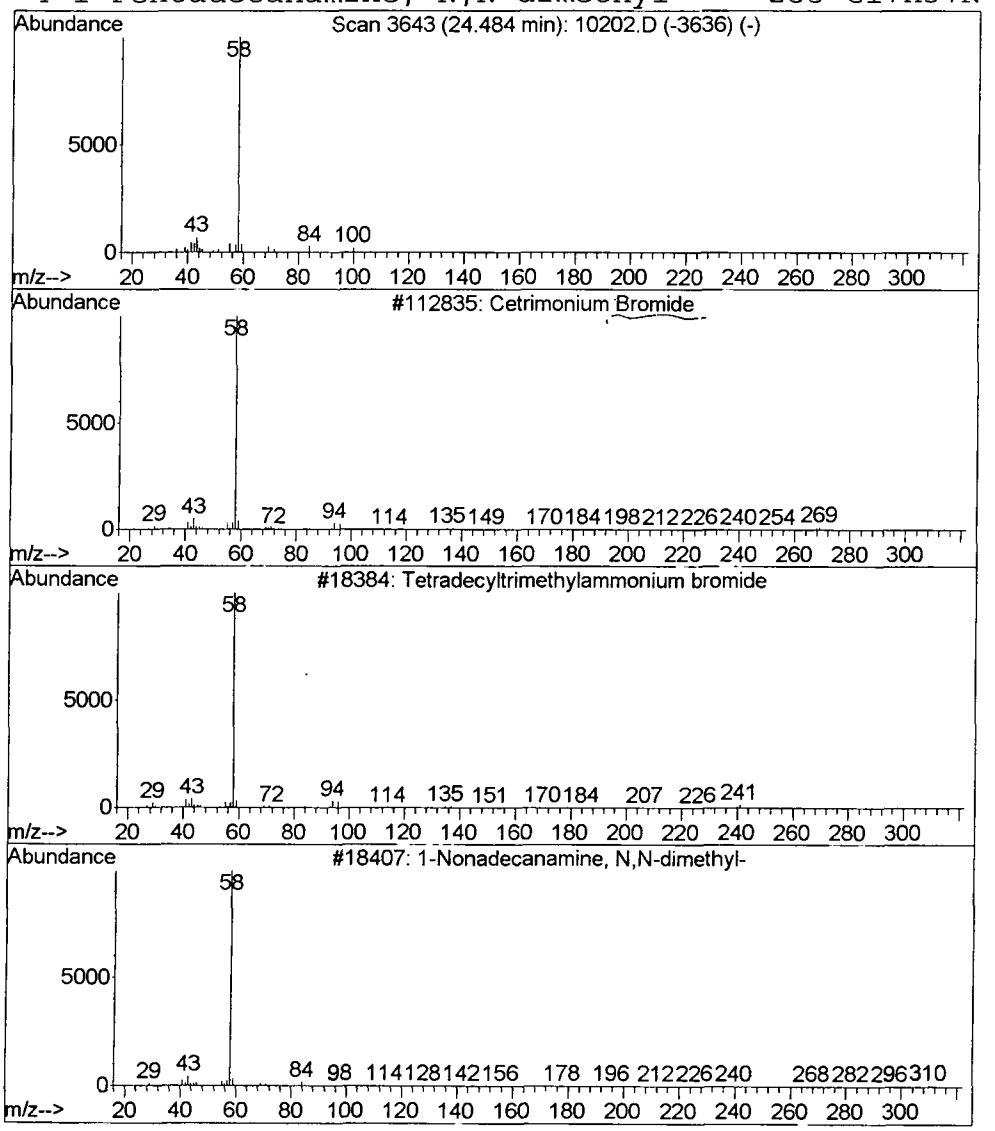
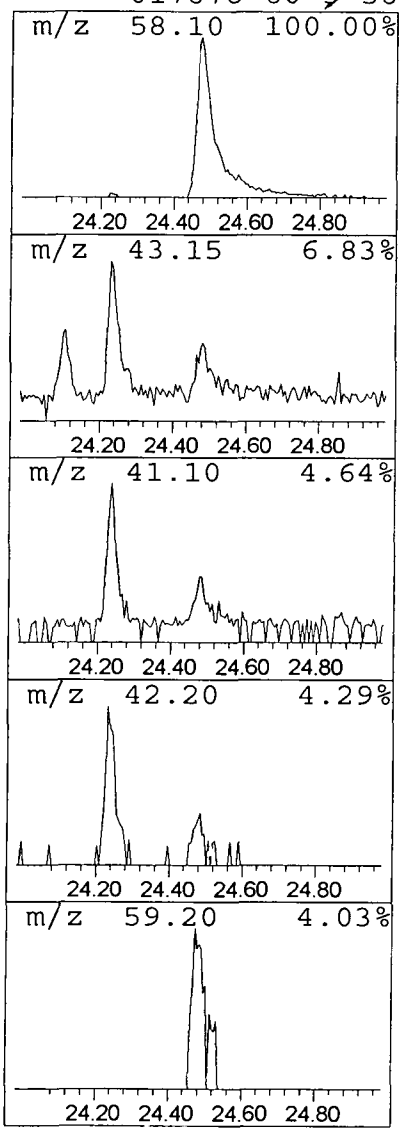
****

Peak Number 11 Cetrimonium Bromide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	0.34 ug/L	580289	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetrimonium Bromide	363	C19H42BrN	000057-09-0	78
2	Tetradecyltrimethylammonium bromide	335	C17H38BrN	1000161-18-4	64
3	1-Nonadecanamine, N,N-dimethyl-	311	C21H45N	049859-87-2	64
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	56





NYC-WTC_000045041

Library Search Compound Report

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Sample : 4/30 eh Inst : Instrumen
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MS Integration Params: LSCINT.e

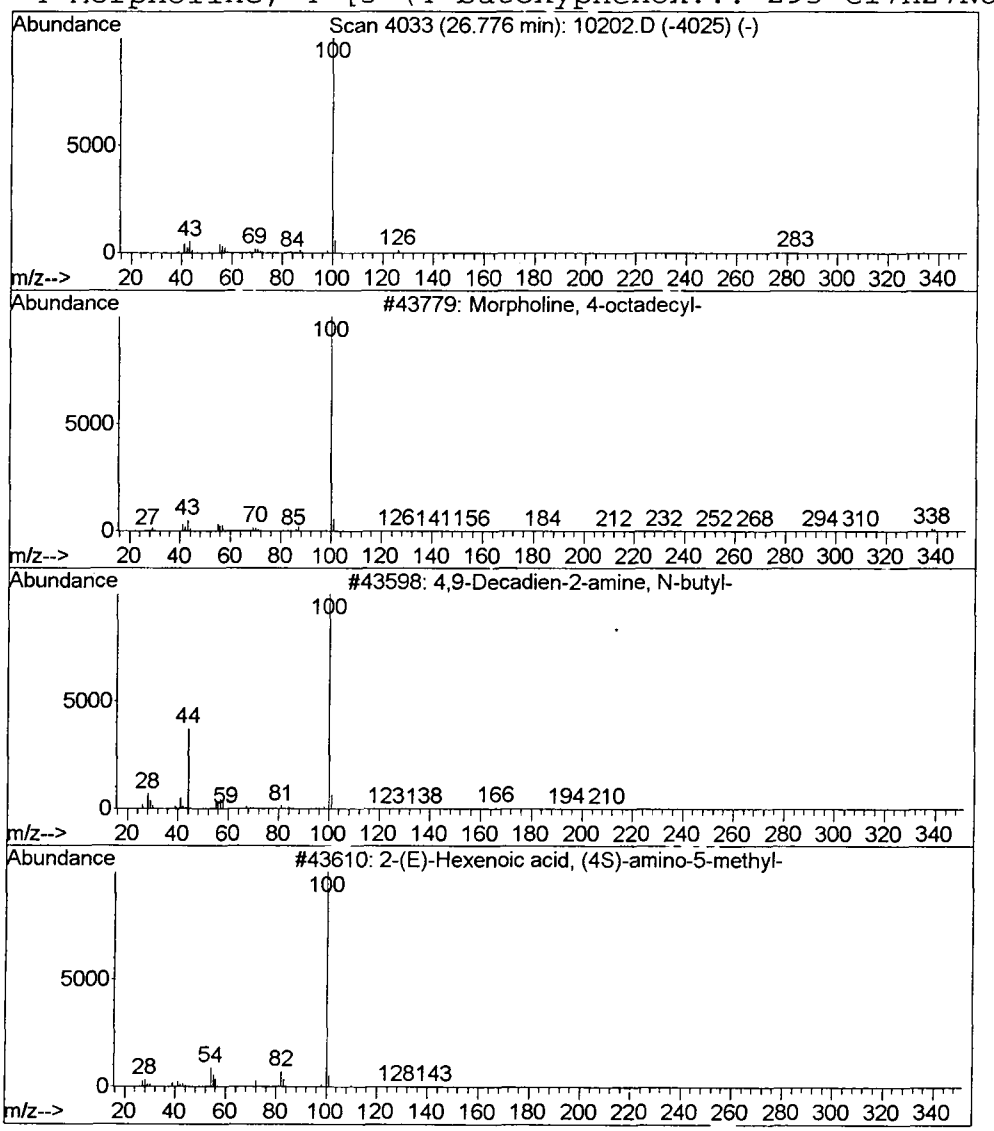
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

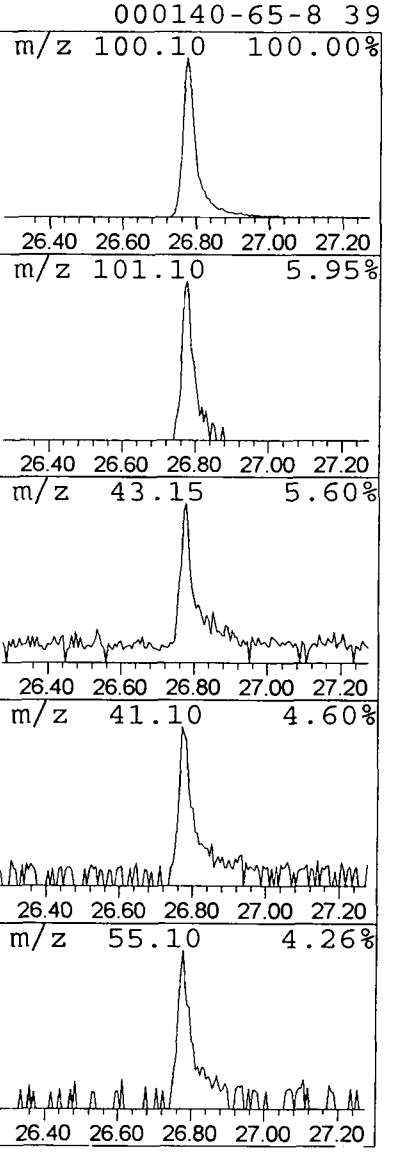
****

Peak Number 13 Morpholine, 4-octadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.78	0.76 ug/L	1296440	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-octadecyl-	339	C22H45NO	016528-77-1	72
2	4,9-Decadien-2-amine, N-butyl-	209	C14H27N	062238-25-9	40
3	2-(E)-Hexenoic acid, (4S)-amino-...	143	C7H13NO2	1000164-90-2	40
4	Morpholine, 4-[3-(4-butoxyphenox...	293	C17H27NO3	000140-65-8	39





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MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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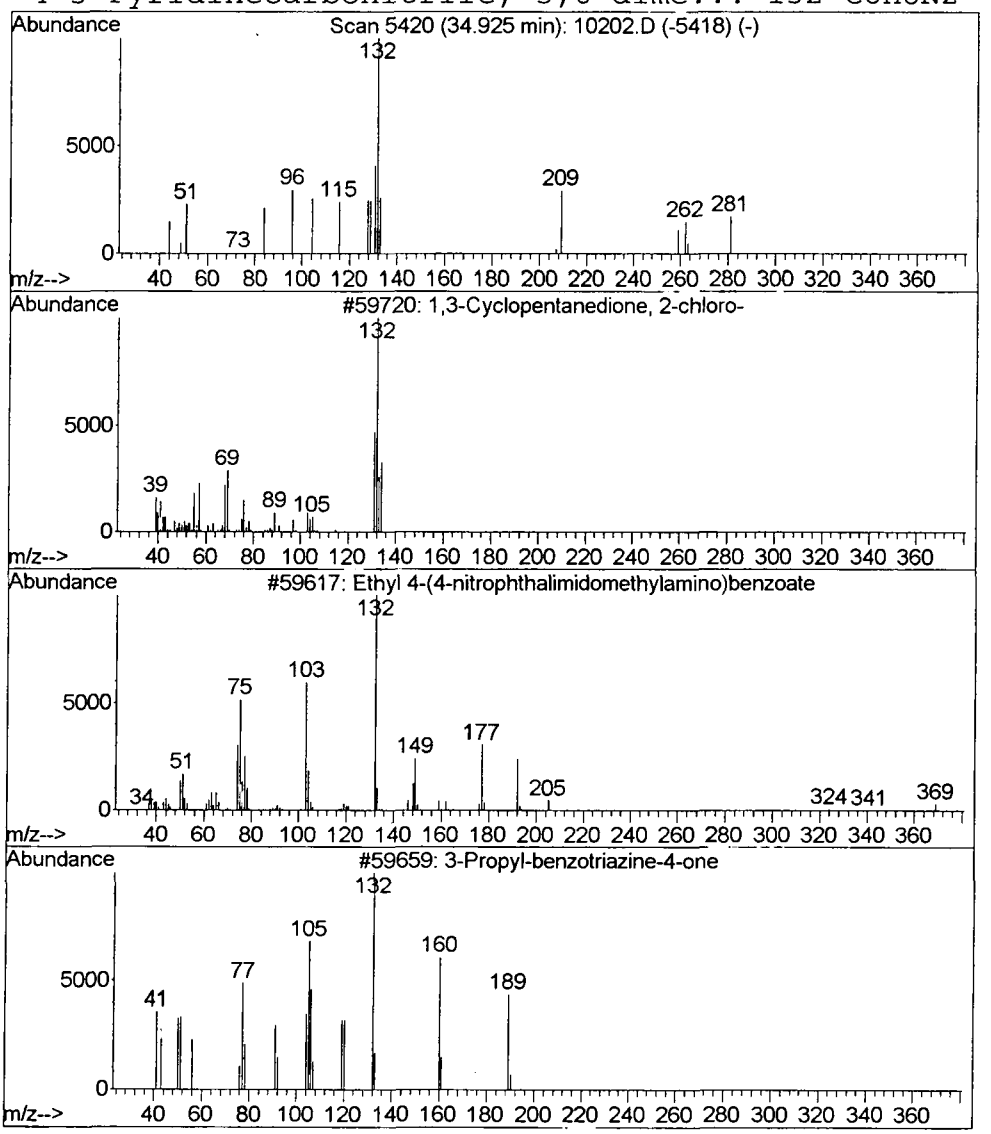
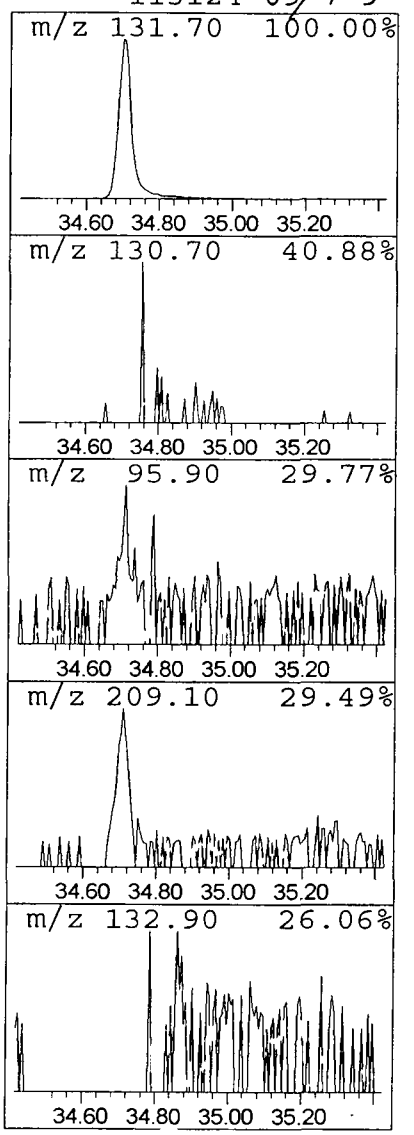
Peak Number 15 1,3-Cyclopentanedione, 2-ch... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.92	0.23 ug/L	247437	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	43
2	Ethyl 4-(4-nitrophthalimidomethy...	369	C18H15N3O6	1000224-83-3	12
3	3-Propyl-benzotriazine-4-one	189	C10H11N3O	1000146-11-5	10
4	3-Pyridinecarbonitrile, 5,6-dime...	132	C8H8N2	113124-09-7	9





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Tentatively Identified Compound (LSC) summary

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Data File: C:\MSDCHEM\1\DATA\050802\10202.D
Name: 4/30 eh
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.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
Methane, bromodic...	3.37	0.2	ug/L	271051	1	9.94	48117000	40.0
Acetonitrile, dic...	3.64	0.5	ug/L	624401	1	9.94	48117000	40.0
2-Propanone, 1,1-...	3.77	0.2	ug/L	284116	1	9.94	48117000	40.0
2-Pentanone, 4-hy...	5.98	12.6	ug/L	15130300	1	9.94	48117000	40.0
1,3-Dioxane-2-pro...	7.73	0.3	ug/L	372604	1	9.94	48117000	40.0
2-Propanol, 1-(2-...	9.59	0.2	ug/L	255989	1	9.94	48117000	40.0
2-Propanol, 1-(2-...	9.67	0.3	ug/L	374437	1	9.94	48117000	40.0
1,5-Naphthalenedi...	22.58	0.4	ug/L	672980	4	22.96	68472600	40.0
Phenanthrene-d10	23.11	0.7	ug/L	1170610	4	22.96	68472600	40.0
Morpholine, 4-oct...	24.24	0.6	ug/L	1067290	4	22.96	68472600	40.0
Cetrimonium Bromide	24.48	0.3	ug/L	580289	4	22.96	68472600	40.0
1,2-Benzenedicarb...	25.09	0.2	ug/L	366443	4	22.96	68472600	40.0
Morpholine, 4-oct...	26.78	0.8	ug/L	1296440	4	22.96	68472600	40.0
Morpholine, 4-oct...	29.09	0.4	ug/L	543985	5	30.81	59021900	40.0
1,3-Cyclopentaned...	34.92	0.2	ug/L	247437	6	34.71	43264600	40.0

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