User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 13:46:16

Sample: AE09969
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 13:44 Ended: 5/9/02 13:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE09969 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 13:46:20

The GCMS scan, from 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\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:48:05 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 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	5064927	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	20000972	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10839353	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	15834017	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11994164	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	7637091	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	484882	7.10	ug/L	0.00
Spiked Amount 10.000			Recovery = 71.00%			
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	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	0.00	77	0	N.D.		
30) Nnitrosodiphenylamine	0.00	169	0	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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:48:05 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 14:35:08 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

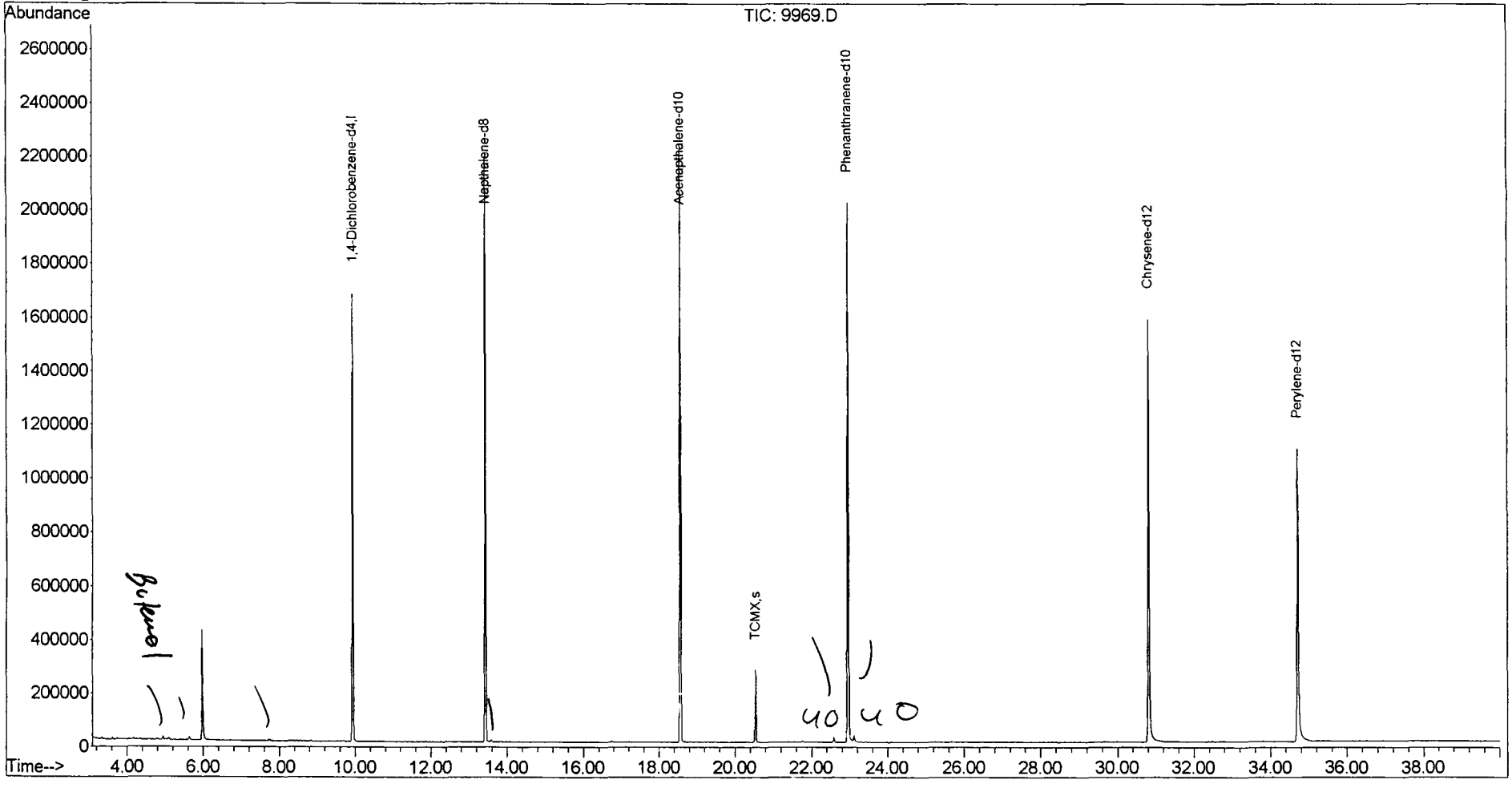
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	25.10	149	16247	N.D.	
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	30.81	228	30755	N.D.	
41) Bis(2-ethylhexyl)phthalate	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.	
51) 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\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 15:48 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 14:35:08 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D
Acq On : 7 May 2002 8:03 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 26
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

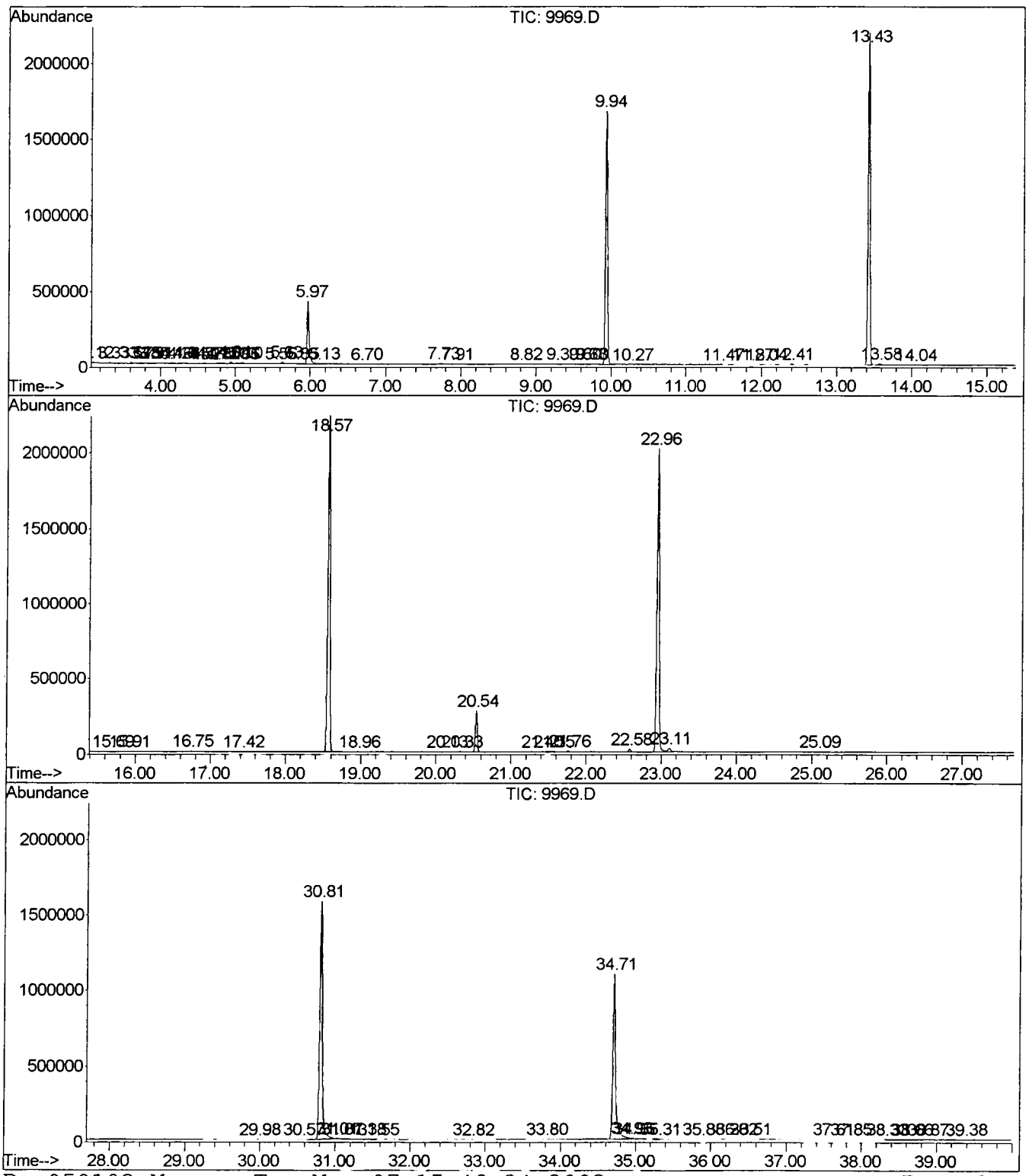
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.114	3	6	10	BV 4	2754	38756	0.09%	0.016%
2	3.332	35	43	50	BV 2	5347	77980	0.17%	0.032%
3	3.614	86	91	96	PV 2	8231	117981	0.26%	0.048%
4	3.743	101	113	116	VV 8	5300	150983	0.34%	0.062%
5	3.773	116	118	122	VV 4	2427	36762	0.08%	0.015%
6	3.849	126	131	138	VV 5	2739	70957	0.16%	0.029%
7	3.908	138	141	146	VV 4	3592	76718	0.17%	0.032%
8	4.160	176	184	196	VV 8	5497	163584	0.37%	0.067%
9	4.260	196	201	207	VV 8	3632	79048	0.18%	0.032%
10	4.342	211	215	222	VV 2	5883	101574	0.23%	0.042%
11	4.519	242	245	249	VV 4	2315	26285	0.06%	0.011%
12	4.572	249	254	257	VV 6	3047	55643	0.12%	0.023%
13	4.771	284	288	292	VV 4	4697	90946	0.20%	0.037%
14	4.807	292	294	300	VV 5	3113	61670	0.14%	0.025%
15	4.942	311	317	327	VV	13252	254434	0.57%	0.105%
16	5.030	327	332	336	VV 5	4541	97293	0.22%	0.040%
17	5.059	336	337	339	VV	2631	25679	0.06%	0.011%
18	5.100	339	344	352	VV 8	7122	160106	0.36%	0.066%
19	5.559	420	422	427	VV 2	2332	41243	0.09%	0.017%
20	5.635	427	435	441	VV 2	12419	252311	0.57%	0.104%
21	5.847	467	471	477	PV 6	1832	42384	0.09%	0.017%
22	5.970	477	492	515	VV	416489	7776541	17.42%	3.196%
23	6.135	515	520	535	VV	2550	105825	0.24%	0.043%
24	6.699	614	616	623	VV 5	1998	32337	0.07%	0.013%
25	7.727	785	791	800	VV 4	7609	183769	0.41%	0.076%
26	7.909	820	822	824	PV 2	1709	14097	0.03%	0.006%
27	8.820	972	977	987	VV 6	3026	73321	0.16%	0.030%
28	9.307	1055	1060	1068	VV 3	2156	49852	0.11%	0.020%
29	9.601	1107	1110	1117	VV 5	2443	46466	0.10%	0.019%
30	9.683	1120	1124	1125	VV 2	2631	33481	0.08%	0.014%
31	9.701	1125	1127	1131	VV 3	3010	44878	0.10%	0.018%
32	9.936	1150	1167	1189	PV	1639228	30854343	69.12%	12.681%
33	10.265	1216	1223	1225	PV 3	811	12067	0.03%	0.005%
34	11.475	1425	1429	1432	VV 2	1803	20052	0.04%	0.008%
35	11.869	1492	1496	1500	PV 3	2435	32509	0.07%	0.013%
36	12.039	1518	1525	1528	VV 3	2293	30888	0.07%	0.013%
37	12.410	1583	1588	1595	VV 3	3397	66484	0.15%	0.027%

38	13.432	1751	1762	1779	VV	2162327	40993840	91.84%	16.848%
39	13.579	1782	1787	1794	VV 3	6970	157114	0.35%	0.065%
40	14.043	1862	1866	1873	VV 5	2369	45968	0.10%	0.019%
41	15.688	2144	2146	2153	VV 5	1942	47846	0.11%	0.020%
42	15.906	2179	2183	2188	PV 2	1808	32595	0.07%	0.013%
43	16.746	2321	2326	2330	PV 3	3397	57066	0.13%	0.023%
44	17.422	2438	2441	2446	PV	1520	14161	0.03%	0.006%
45	18.573	2622	2637	2653	VV	2249502	44637190	100.00%	18.346%
46	18.967	2693	2704	2707	VV 4	2604	60808	0.14%	0.025%
47	20.130	2900	2902	2910	VV 3	2147	45213	0.10%	0.019%
48	20.330	2928	2936	2947	VV 6	3325	95809	0.21%	0.039%
49	20.536	2960	2971	2979	VV	264475	4733002	10.60%	1.945%
50	21.393	3114	3117	3124	VV 3	2370	38288	0.09%	0.016%
51	21.552	3142	3144	3146	VV 2	1891	20511	0.05%	0.008%
52	21.764	3171	3180	3192	PV 5	5705	158141	0.35%	0.065%
53	22.580	3311	3319	3328	VV 2	19301	360638	0.81%	0.148%
54	22.956	3367	3383	3402	PV 2	1991747	43376115	97.17%	17.827%
55	23.109	3402	3409	3425	VV 2	23528	568091	1.27%	0.233%
56	25.089	3743	3746	3753	VV 2	1982	41204	0.09%	0.017%
57	29.983	4577	4579	4580	VV	1987	15463	0.03%	0.006%
58	30.571	4677	4679	4682	PV	1869	18980	0.04%	0.008%
59	30.812	4702	4720	4752	PV 2	1573578	37185499	83.31%	15.283%
60	31.012	4752	4754	4762	VV 5	4074	84384	0.19%	0.035%
61	31.070	4762	4764	4767	VV 3	1791	17904	0.04%	0.007%
62	31.382	4814	4817	4821	BV 3	2034	31271	0.07%	0.013%
63	31.552	4832	4846	4848	PV 2	1660	47731	0.11%	0.020%
64	32.821	5059	5062	5067	PV 3	1641	22525	0.05%	0.009%
65	33.803	5224	5229	5234	VV 2	1630	19581	0.04%	0.008%
66	34.713	5370	5384	5420	VV 2	1076318	28156608	63.08%	11.572%
67	34.931	5420	5421	5424	VV 3	8688	122501	0.27%	0.050%
68	34.960	5424	5426	5440	VV 6	7375	291004	0.65%	0.120%
69	35.307	5483	5485	5488	VV 2	2570	28296	0.06%	0.012%
70	35.883	5581	5583	5591	VV 4	2907	62966	0.14%	0.026%
71	36.200	5635	5637	5639	VV 2	2467	27626	0.06%	0.011%
72	36.317	5653	5657	5664	VV 4	2451	71481	0.16%	0.029%
73	36.511	5688	5690	5693	VV	2879	39489	0.09%	0.016%
74	37.604	5872	5876	5878	VV	2508	29529	0.07%	0.012%
75	37.845	5909	5917	5919	VV 4	2325	55806	0.13%	0.023%
76	38.327	5995	5999	6003	VV 2	2222	43070	0.10%	0.018%
77	38.662	6051	6056	6058	VV	1871	18333	0.04%	0.008%
78	38.867	6086	6091	6097	VV	1888	25722	0.06%	0.011%
79	39.373	6176	6177	6182	PV 2	1567	12278	0.03%	0.005%

Sum of corrected areas: 243310889

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050602\9969.D
Operator : Mclean
Acquired : 7 May 2002 8:03 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/25
Misc Info :
Vial Number: 26
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D
Acq On : 7 May 2002 8:03 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 26
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

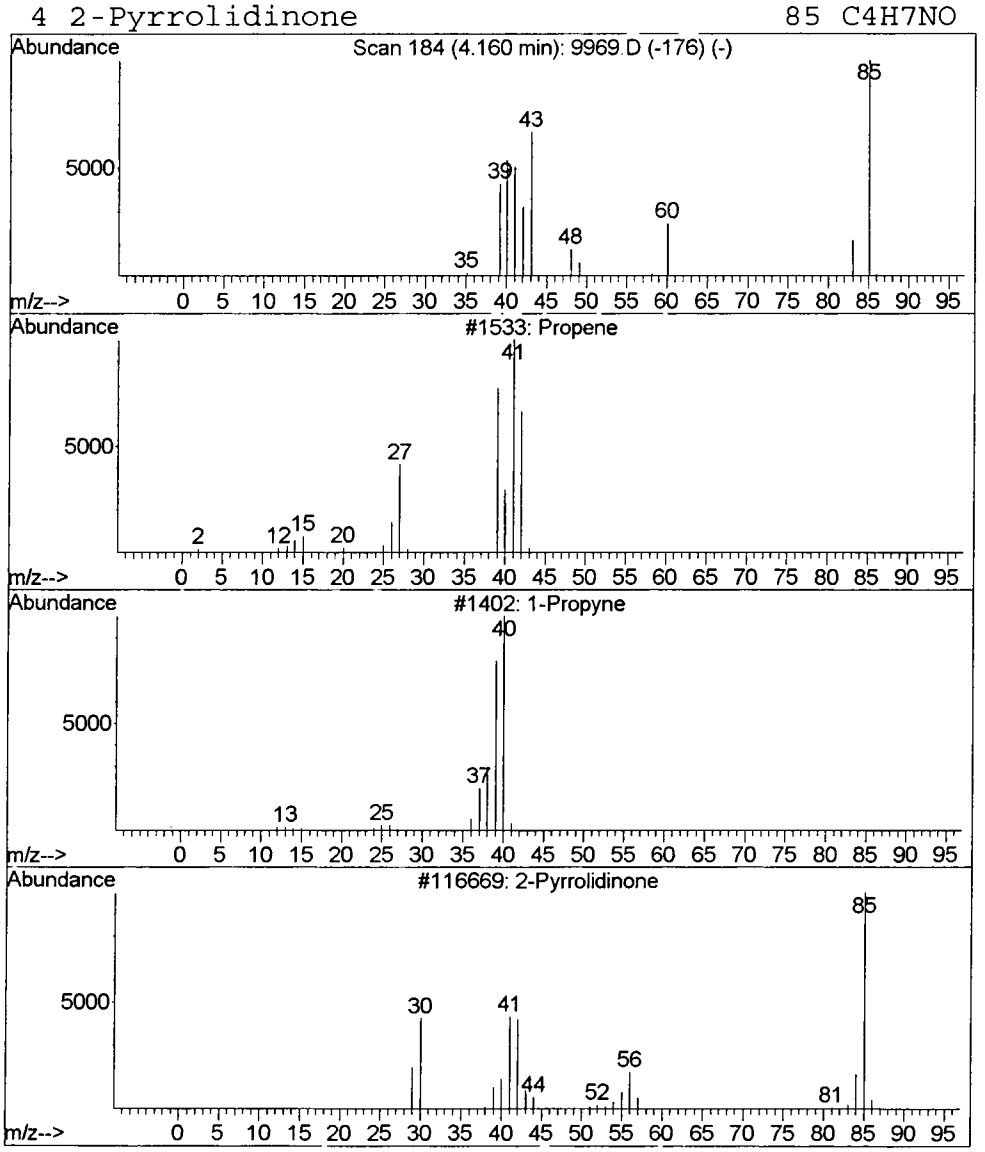
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

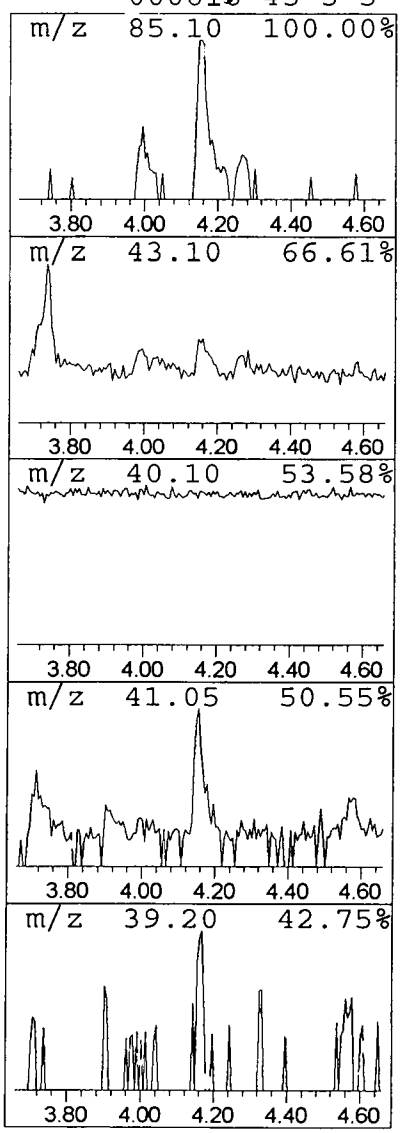
****

Peak Number 1 Propene — Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	0.21 ug/L	163584	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	7
2	1-Propyne	40	C3H4	000074-99-7	5
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	5
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D
Acq On : 7 May 2002 8:03 am
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 26
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

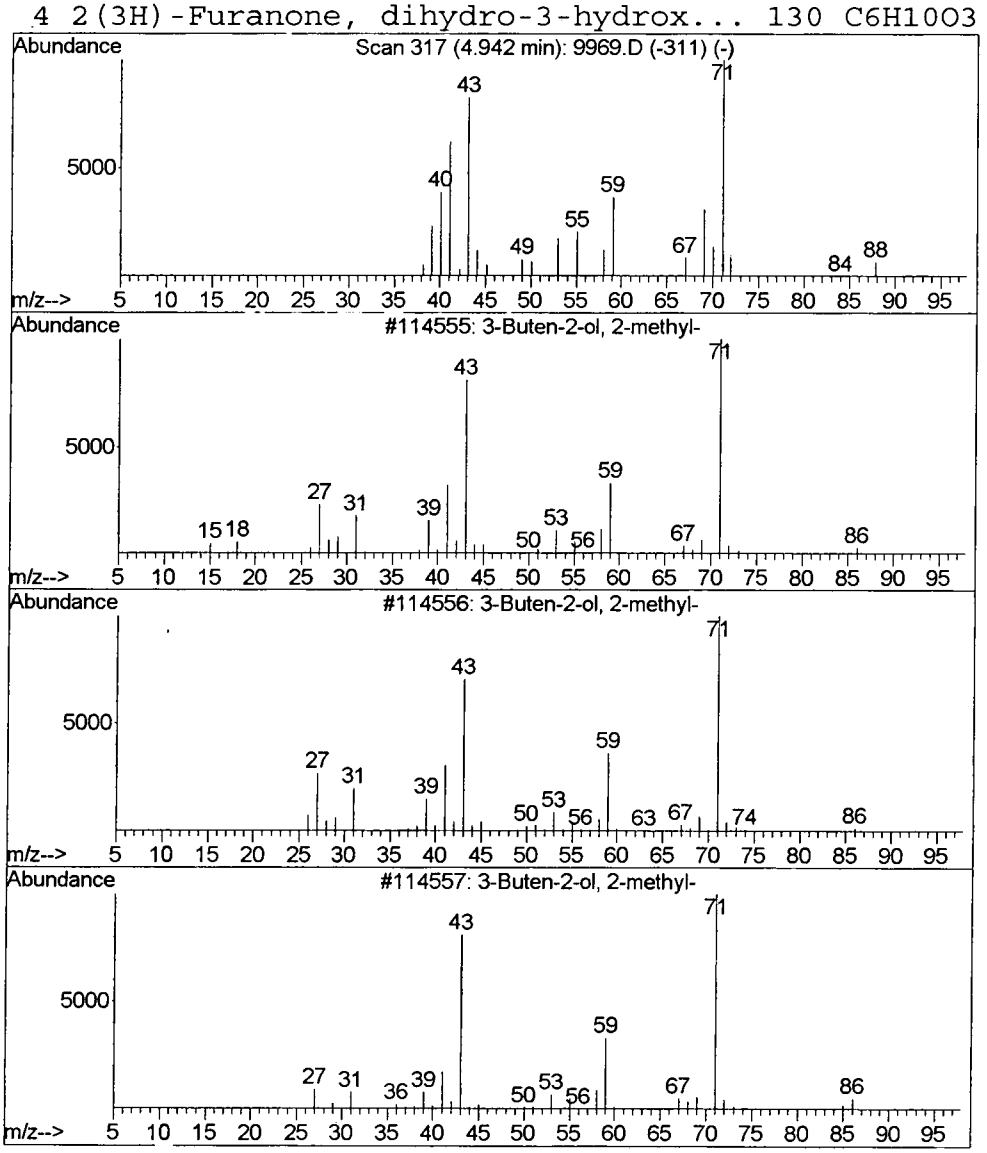
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

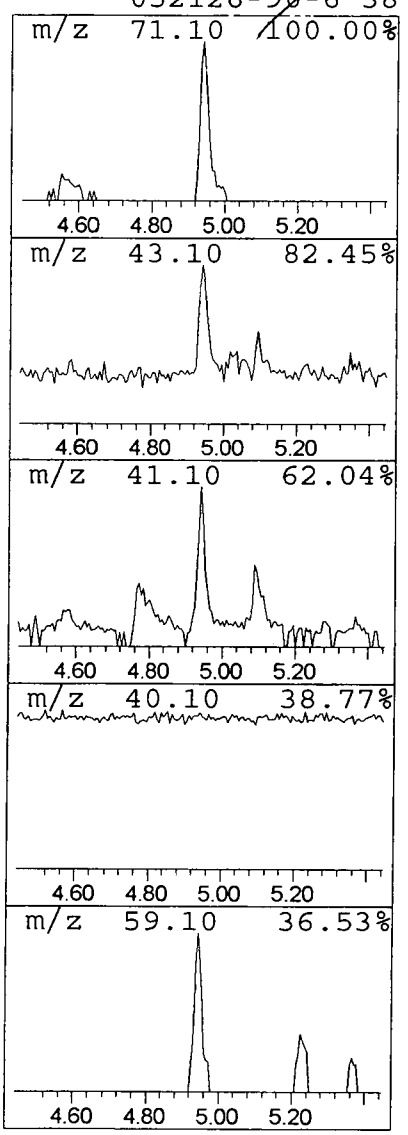
****

Peak Number 2 3-Buten-2-ol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	0.33 ug/L	254434	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	45
4	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

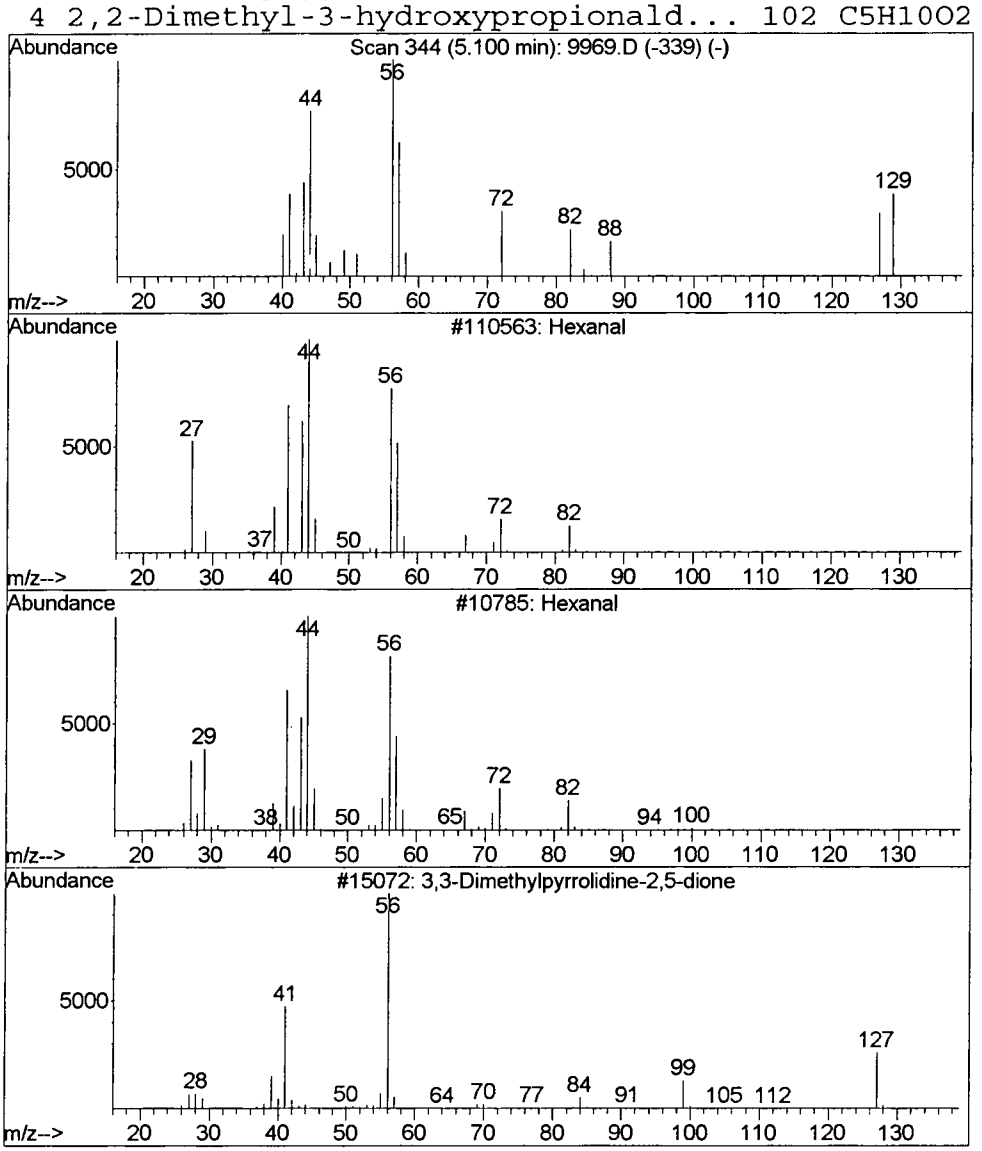
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

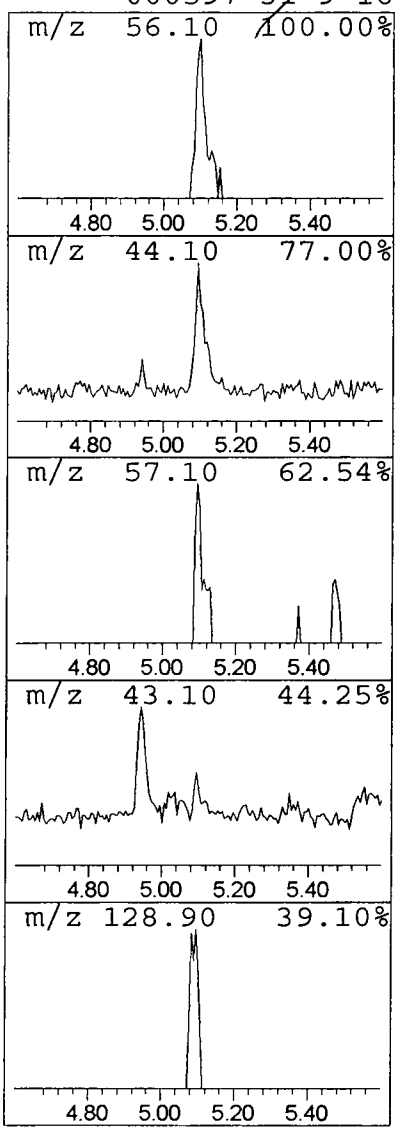
****

Peak Number 3 Hexanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	0.21 ug/L	160106	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	50
2	Hexanal	100	C6H12O	000066-25-1	42
3	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	18
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	16





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

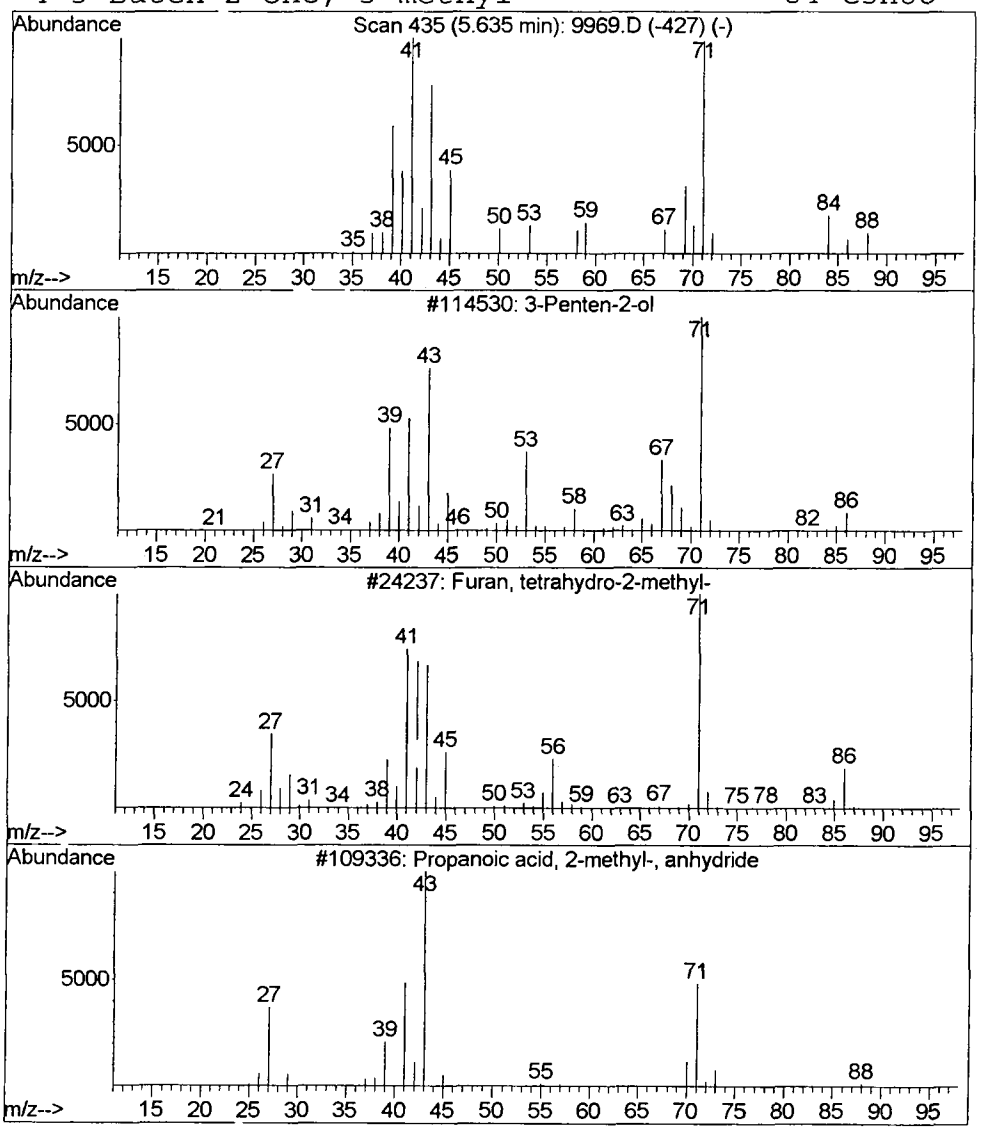
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

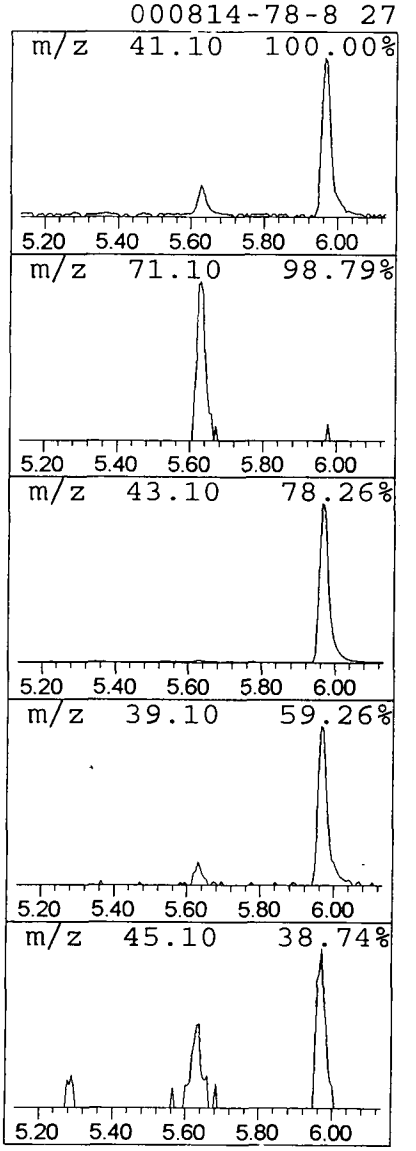
****

Peak Number 4 3-Penten-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	0.33 ug/L	252311	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	37
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	32
3	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	28
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

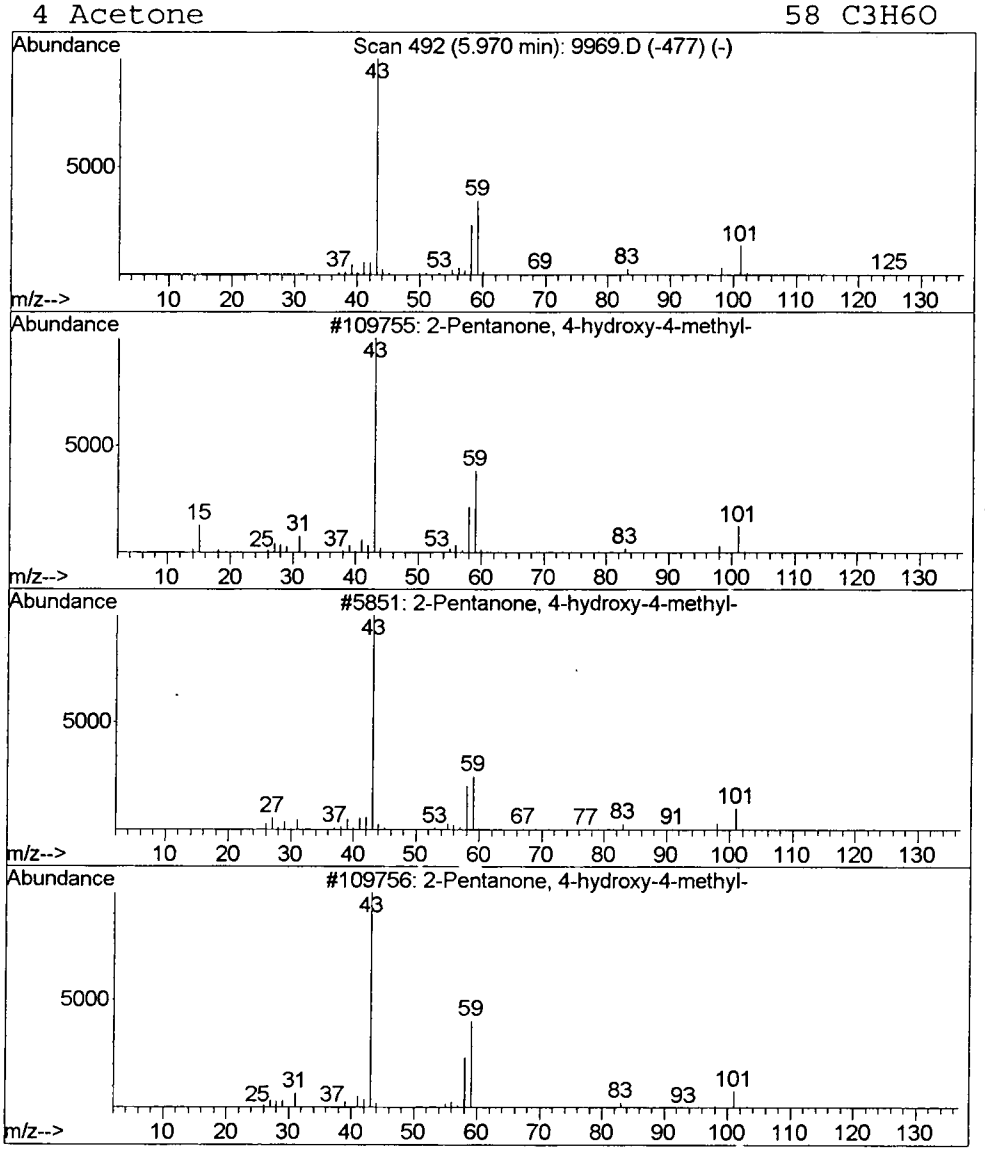
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

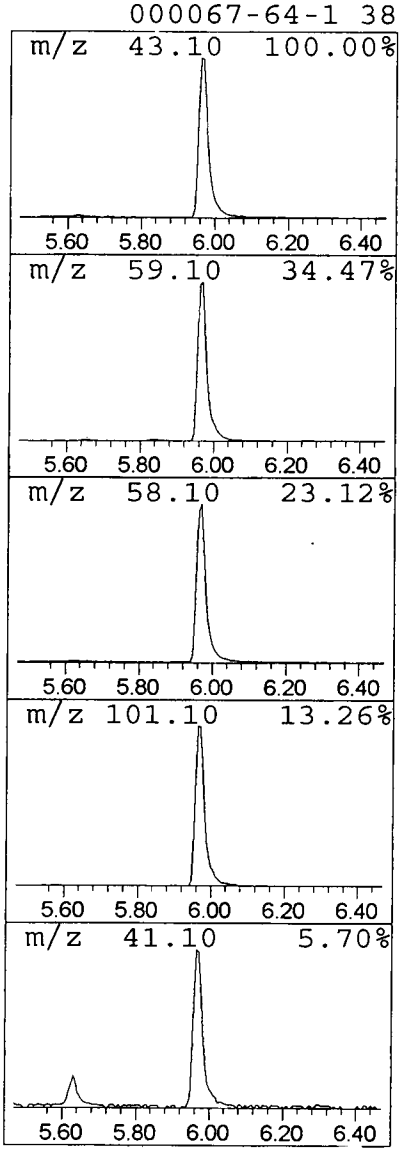
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.08 ug/L	7776540	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	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4	Acetone	58	C3H6O	000067-64-1	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

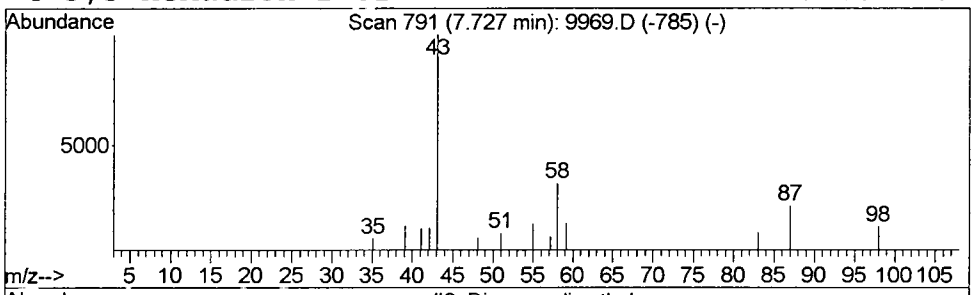
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

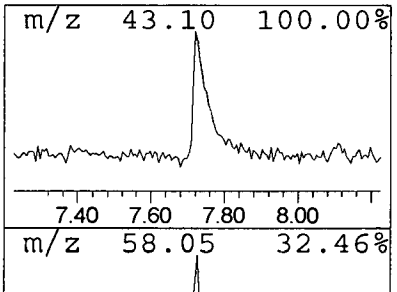
****

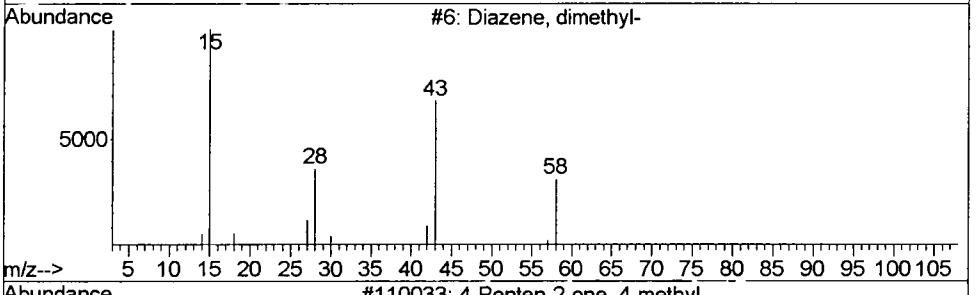
Peak Number 6 Diazene, dimethyl- Concentration Rank 7

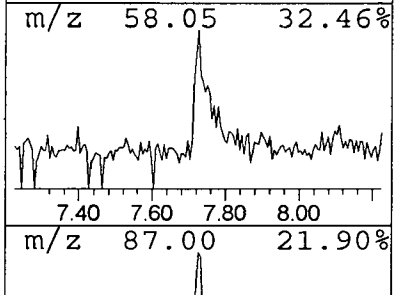
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.24 ug/L	183769	1,4-Dichlorobenzene-d4	9.94

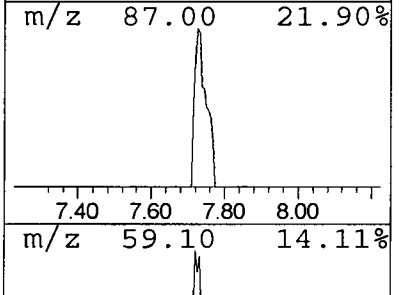
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, dimethyl-	58	C2H6N2	000503-28-6	9
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	8
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	7
4	3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	5

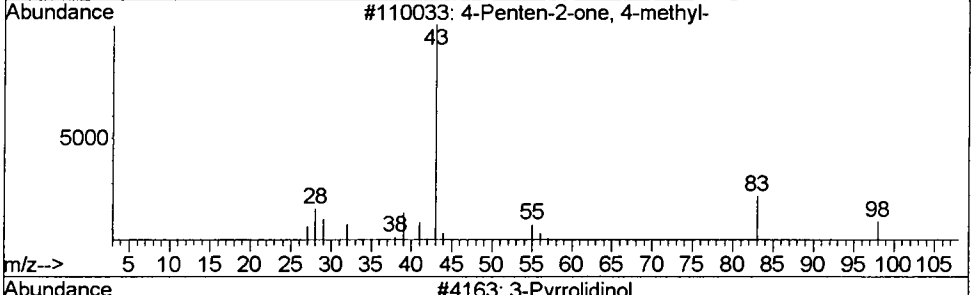


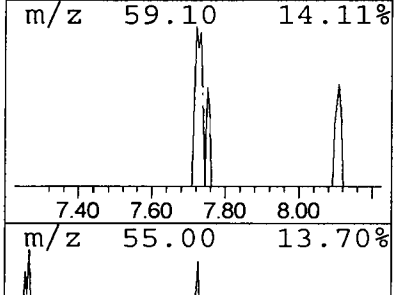


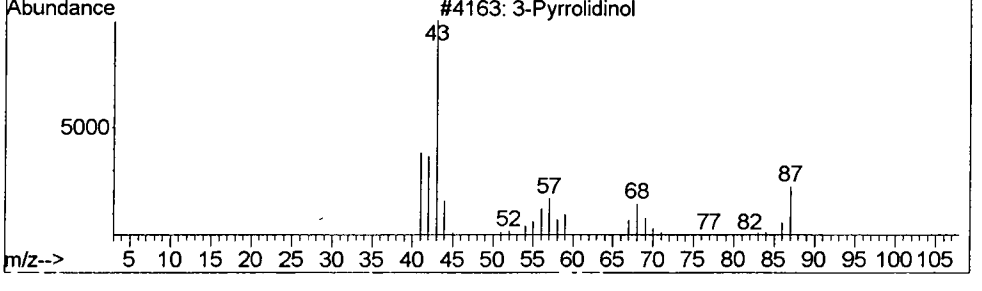


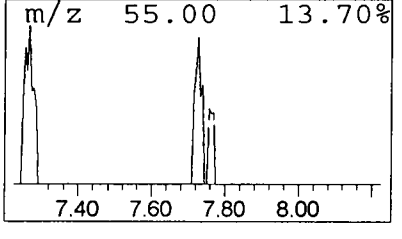












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

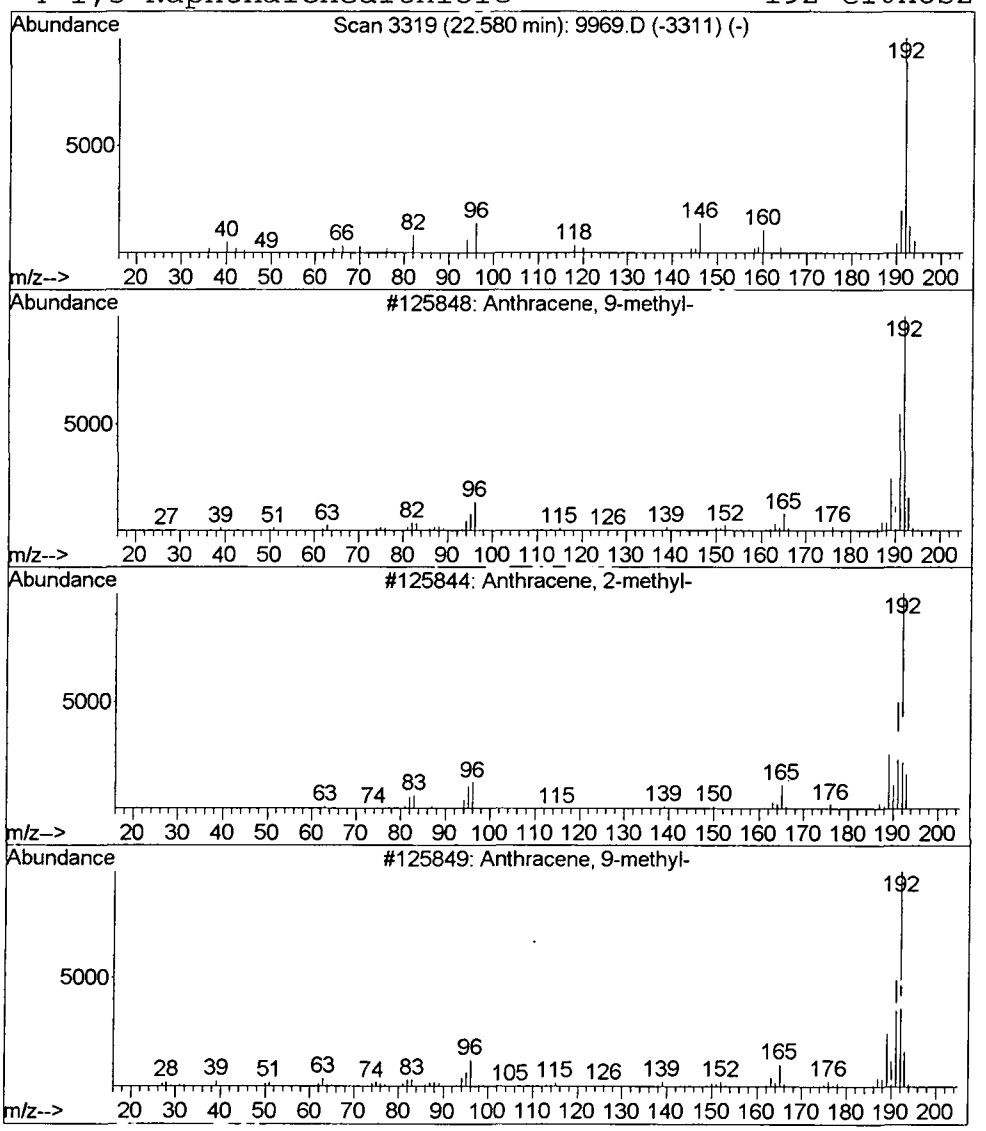
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

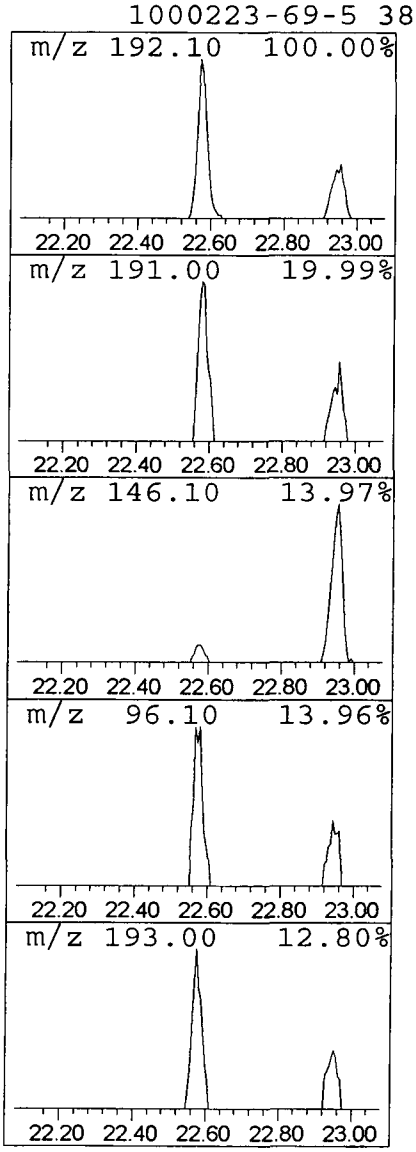
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.33 ug/L	360638	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	40
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

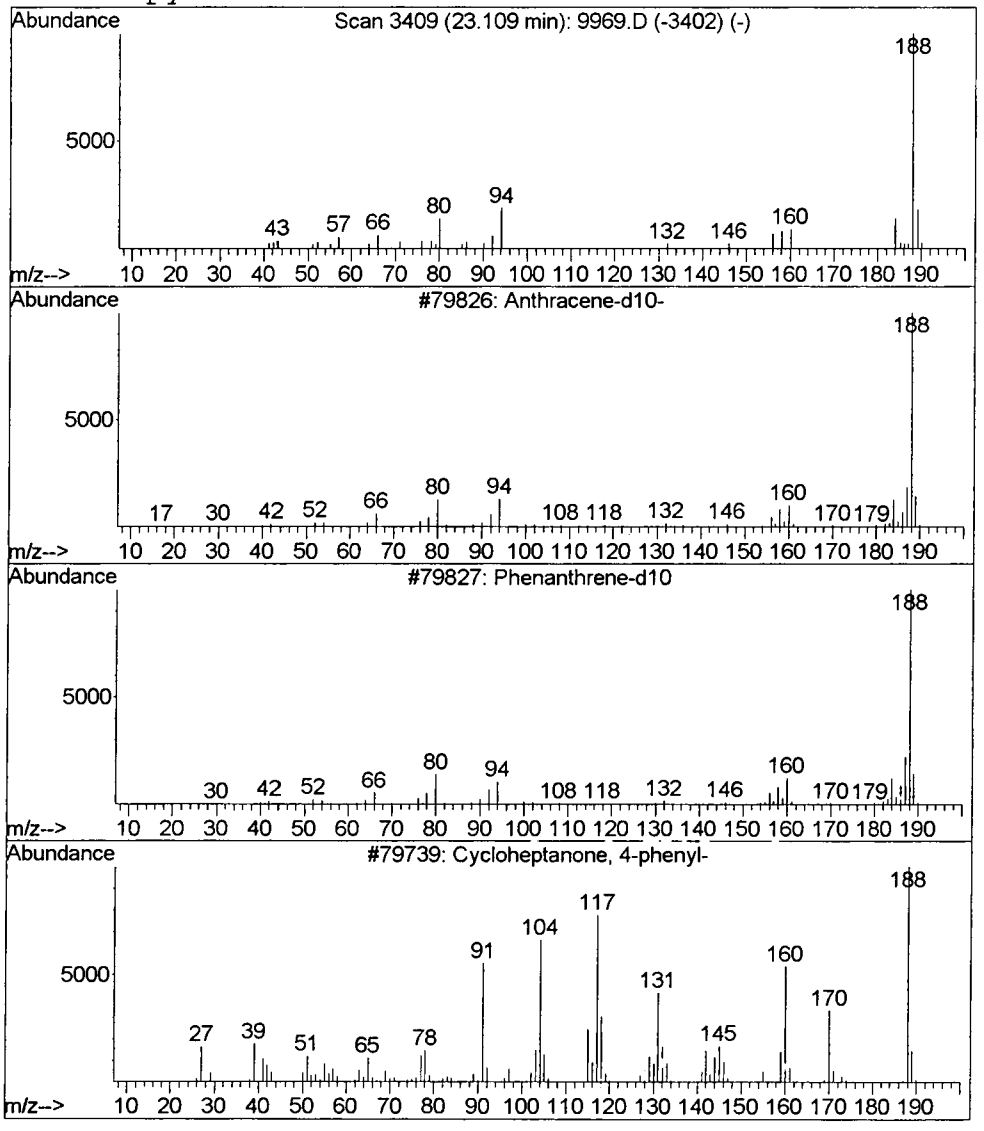
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

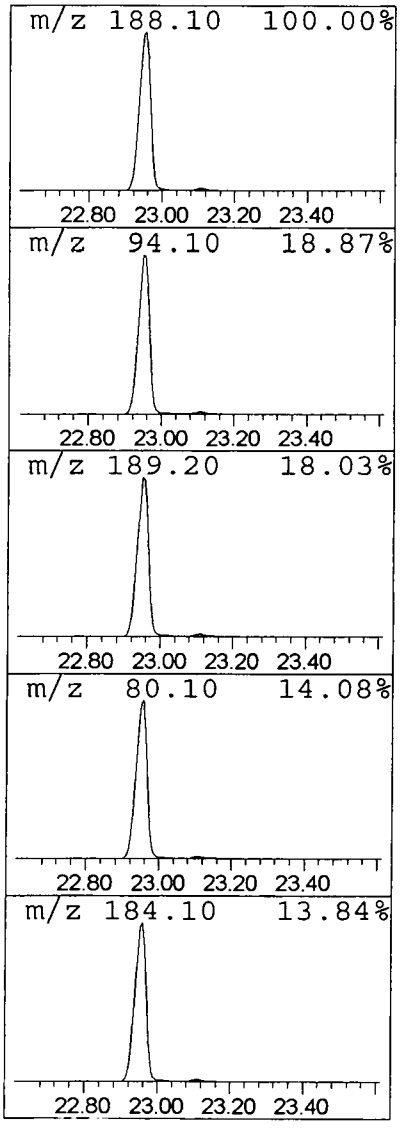
****

Peak Number 8 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.52 ug/L	568091	Phenanthranene-d10	22.96

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	90
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	50
4	Antipyrine	188	C11H12N2O	000060-80-0	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\9969.D Vial: 26
Acq On : 7 May 2002 8:03 am Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

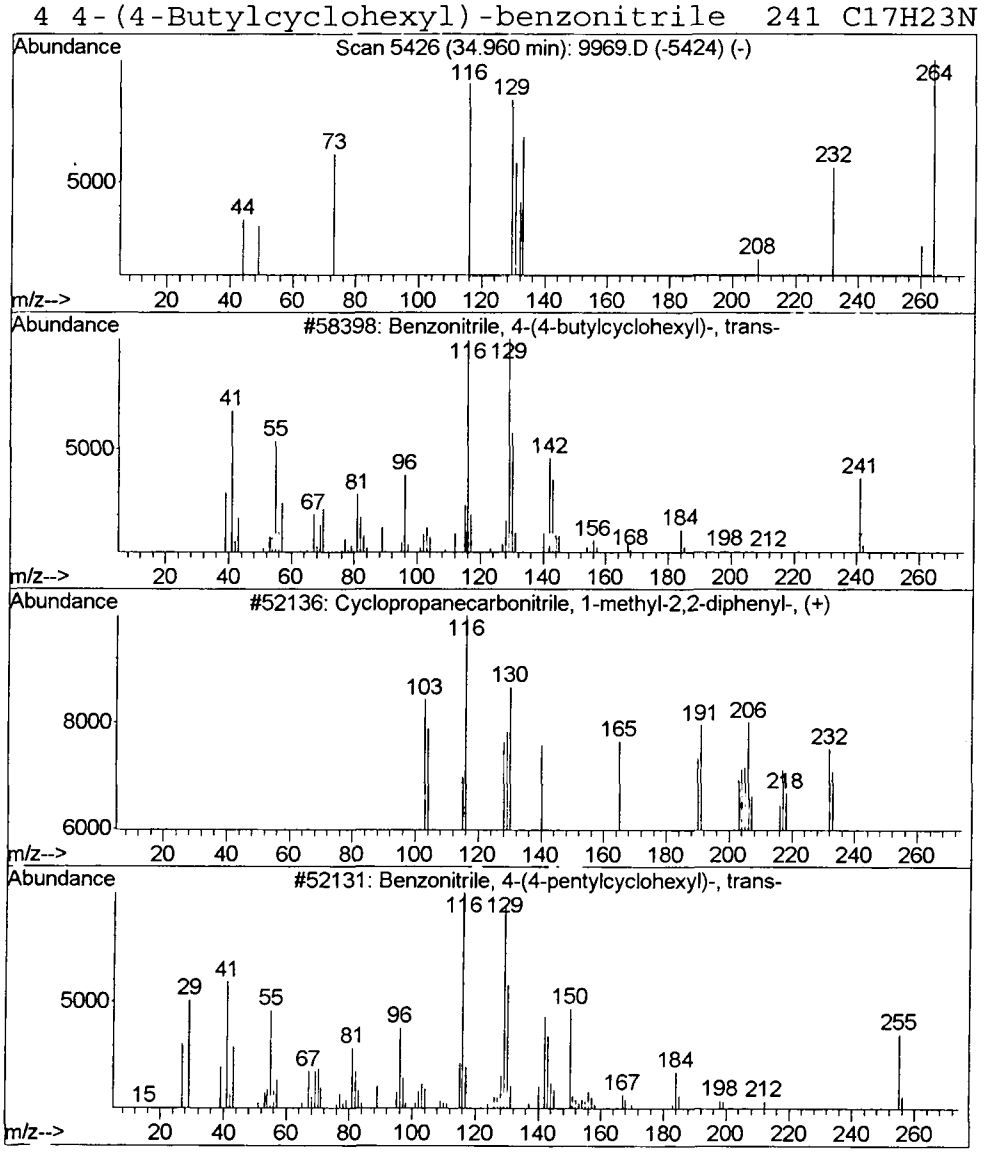
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

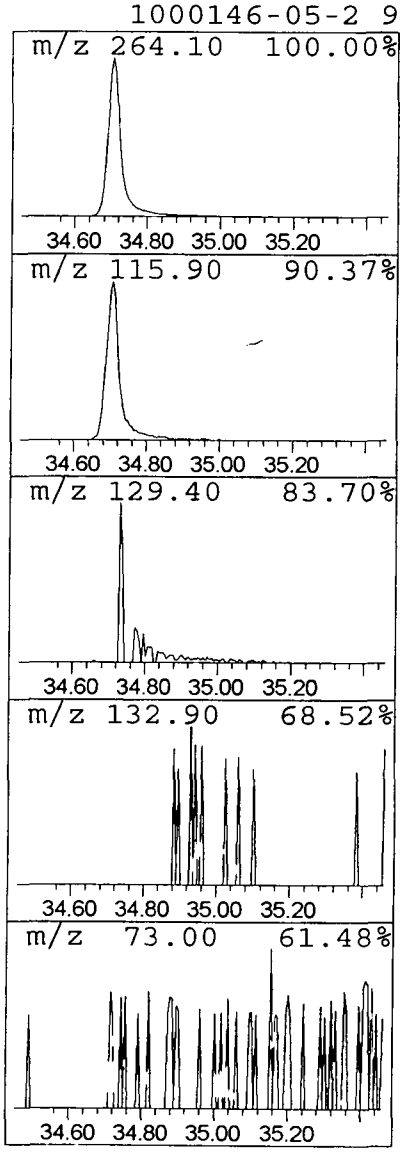
****

Peak Number 9 Benzonitrile, 4-(4-butylcyc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.96	0.41 ug/L	291004	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(4-butylcyclohex...	241	C17H23N	061204-00-0	9
2	Cyclopropanecarbonitrile, 1-meth...	233	C17H15N	1000145-66-9	9
3	Benzonitrile, 4-(4-pentylcyclohe...	255	C18H25N	061204-01-1	9
4	4-(4-Butylcyclohexyl)-benzonitrile	241	C17H23N	1000146-05-2	9





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 7 May 2002 8:03 am
Data File: C:\MSDCHEM\1\DATA\050602\9969.D
Name: 4/25
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
Propene	4.16	0.2	ug/L	163584	1	9.94	30854300	40.0
3-Buten-2-ol, 2-m...	4.94	0.3	ug/L	254434	1	9.94	30854300	40.0
Hexanal	5.10	0.2	ug/L	160106	1	9.94	30854300	40.0
3-Penten-2-ol	5.63	0.3	ug/L	252311	1	9.94	30854300	40.0
2-Pentanone, 4-hy...	5.97	10.1	ug/L	7776540	1	9.94	30854300	40.0
Diazene, dimethyl-	7.73	0.2	ug/L	183769	1	9.94	30854300	40.0
Anthracene, 9-met...	22.58	0.3	ug/L	360638	4	22.96	43376100	40.0
Anthracene-d10-	23.11	0.5	ug/L	568091	4	22.96	43376100	40.0
Benzonitrile, 4-(...	34.96	0.4	ug/L	291004	6	34.71	28156600	40.0