User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 13:58:31

Sample: AE09771
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/8/02 13:56 Ended: 5/8/02 13:56 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050602\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:39:23 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	5172209	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	20608761	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11246060	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	16284615	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	12262269	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	7391730	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	453204	6.40	ug/L	0.00
Spiked Amount 10.000			Recovery = 64.00%			
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.		
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)

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Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 07 15:39:23 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

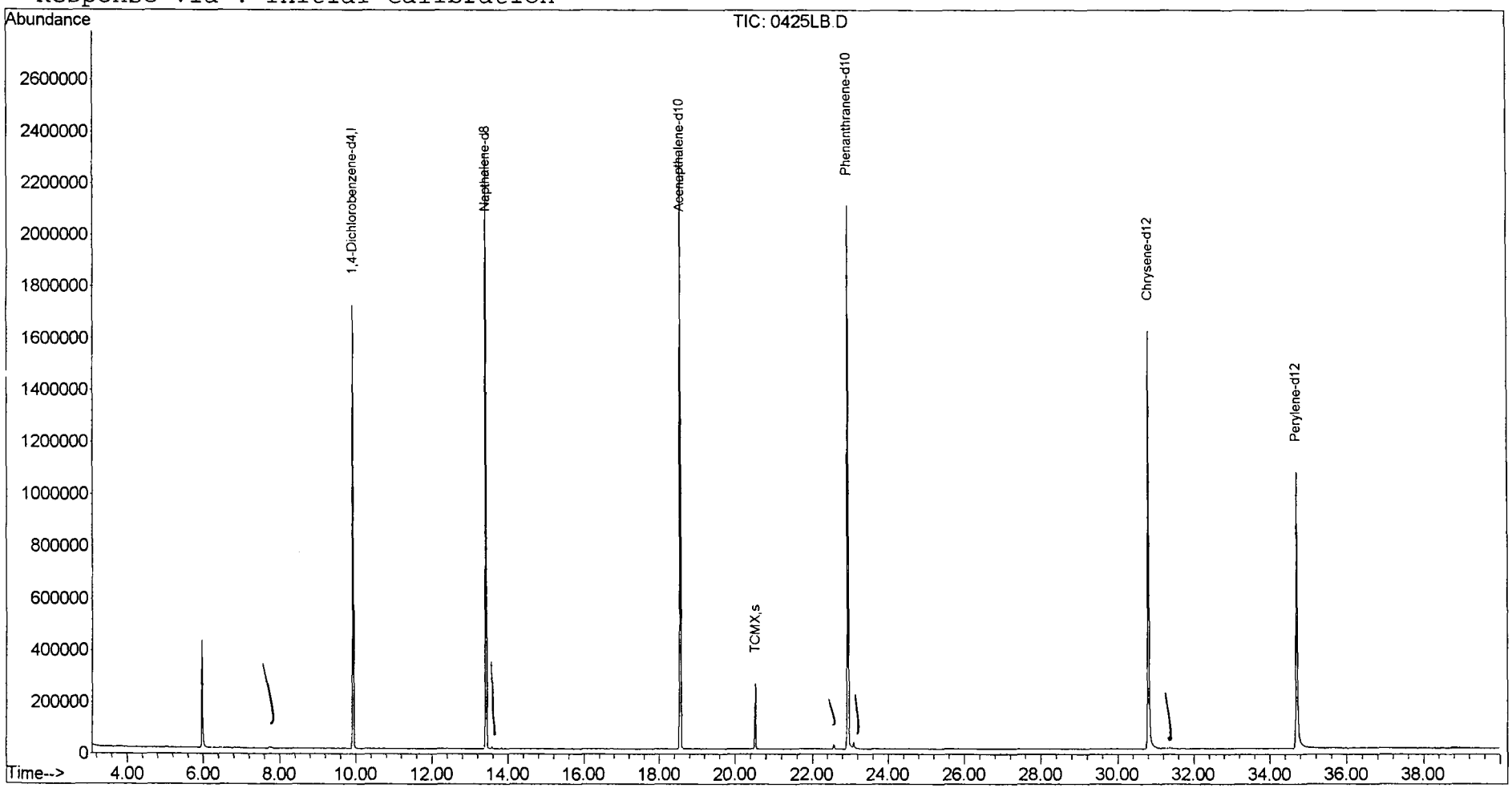
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	0.00	149	0	N.D.	
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	30.81	228	29854	N.D.	
41) Bis(2-ethylhexyl)phthalate	31.38	149	26170	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\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 7 15:39 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\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

Signal : TIC

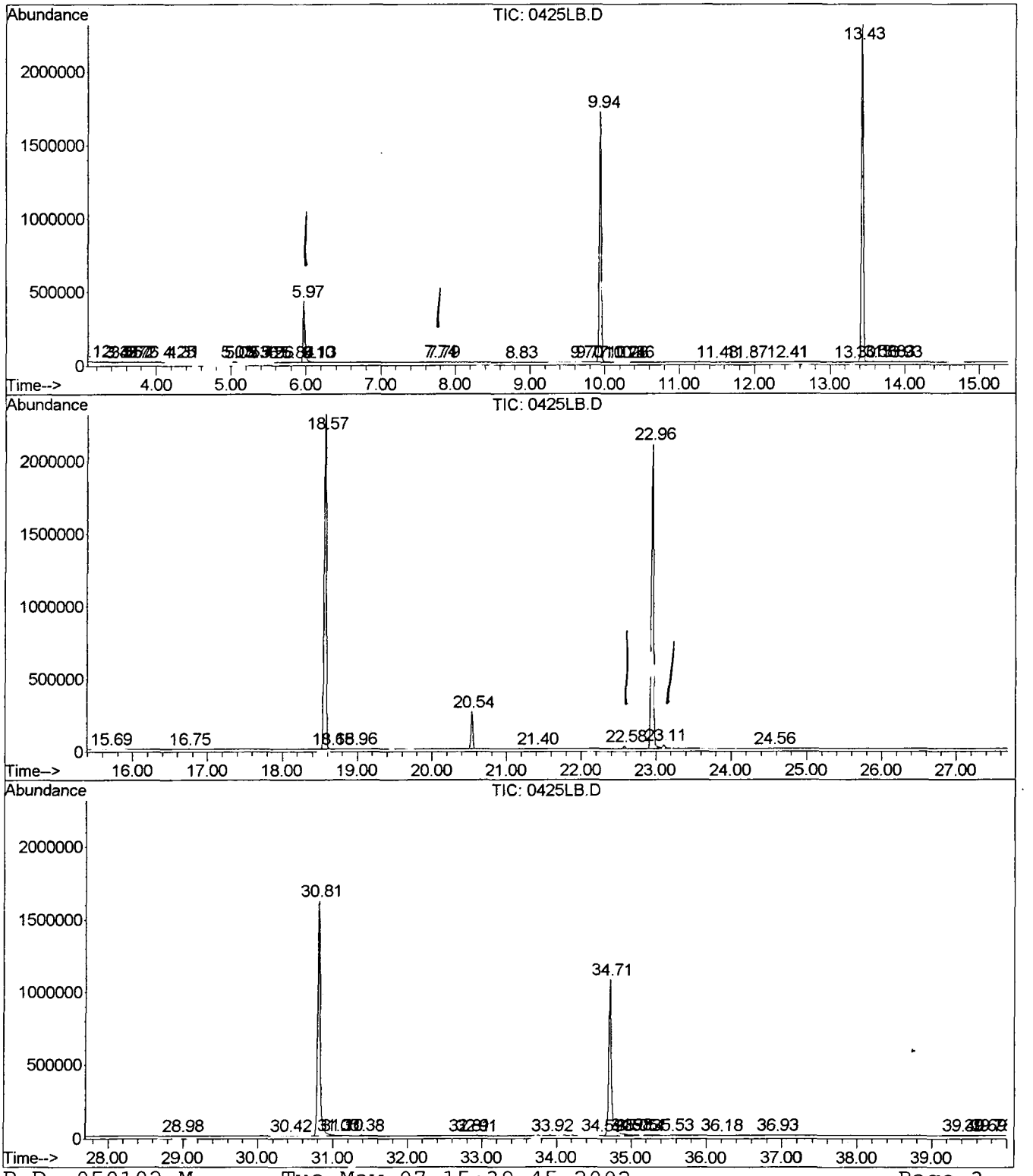
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	3	7	18	BV 6	2648	55485	0.12%	0.023%
2	3.479	66	68	71	PV 2	1921	14889	0.03%	0.006%
3	3.543	71	79	85	VV 6	2257	69449	0.15%	0.028%
4	3.673	98	101	102	PV	1769	12698	0.03%	0.005%
5	3.714	102	108	111	VV 2	3103	60028	0.13%	0.024%
6	3.755	111	115	123	VV 6	2775	83989	0.18%	0.034%
7	4.248	196	199	205	VV 5	3288	56860	0.12%	0.023%
8	4.307	205	209	211	VV 4	2362	32871	0.07%	0.013%
9	5.030	328	332	339	VV 5	5115	118909	0.26%	0.048%
10	5.083	339	341	344	VV 3	2282	33340	0.07%	0.014%
11	5.359	385	388	391	PV	1823	20511	0.04%	0.008%
12	5.424	391	399	404	VV	2585	62464	0.14%	0.025%
13	5.565	420	423	427	VV 4	2170	42235	0.09%	0.017%
14	5.835	465	469	477	VV 5	2597	61455	0.13%	0.025%
15	5.970	482	492	513	VV	408912	7377719	16.05%	3.000%
16	6.099	513	514	517	VV 2	3107	31792	0.07%	0.013%
17	6.129	517	519	526	VV	2636	51410	0.11%	0.021%
18	7.739	787	793	800	VV 5	5318	122010	0.27%	0.050%
19	7.791	800	802	804	VV 2	2587	23784	0.05%	0.010%
20	8.831	977	979	984	VV	1803	22628	0.05%	0.009%
21	9.707	1110	1128	1132	VV 3	2683	95039	0.21%	0.039%
22	9.772	1135	1139	1143	VV 4	2643	45320	0.10%	0.018%
23	9.936	1159	1167	1186	VV	1674230	31461904	68.42%	12.795%
24	10.242	1209	1219	1221	PV 3	1720	39871	0.09%	0.016%
25	10.283	1221	1226	1229	VV 2	2533	36931	0.08%	0.015%
26	10.359	1236	1239	1243	VV 2	2529	36743	0.08%	0.015%
27	11.475	1425	1429	1434	PV 2	1656	29358	0.06%	0.012%
28	11.869	1492	1496	1500	PV 2	1615	18617	0.04%	0.008%
29	12.410	1579	1588	1592	PV 4	2182	30987	0.07%	0.013%
30	13.303	1735	1740	1742	PV 2	1810	22677	0.05%	0.009%
31	13.432	1751	1762	1782	VV	2269959	42207324	91.79%	17.165%
32	13.585	1782	1788	1793	VV 2	7220	134720	0.29%	0.055%
33	13.832	1826	1830	1834	VV 3	4275	60292	0.13%	0.025%
34	13.931	1843	1847	1855	VV 3	3206	42637	0.09%	0.017%
35	15.694	2145	2147	2154	VV 2	2542	42150	0.09%	0.017%
36	16.746	2321	2326	2333	VV 3	3668	77910	0.17%	0.032%
37	18.573	2627	2637	2649	VV	2330914	45981211	100.00%	18.700%

38	18.650	2649	2650	2655	VV	2	3061	44182	0.10%	0.018%
39	18.967	2696	2704	2707	PV	2	2268	43957	0.10%	0.018%
40	20.536	2960	2971	2984	VV	2	250501	4471058	9.72%	1.818%
41	21.399	3114	3118	3128	VV	4	2218	46458	0.10%	0.019%
42	22.580	3311	3319	3332	VV	2	17409	348630	0.76%	0.142%
43	22.956	3372	3383	3401	PV	2	2070657	44634587	97.07%	18.152%
44	23.109	3401	3409	3433	VV		25249	708900	1.54%	0.288%
45	24.555	3653	3655	3659	PV		1980	17223	0.04%	0.007%
46	28.985	4402	4409	4411	VV	2	1718	27368	0.06%	0.011%
47	30.424	4648	4654	4664	PV		1697	54388	0.12%	0.022%
48	30.812	4708	4720	4759	VV	2	1614243	38401839	83.52%	15.617%
49	31.047	4759	4760	4767	VV	4	5231	132275	0.29%	0.054%
50	31.100	4767	4769	4775	VV	4	3676	75055	0.16%	0.031%
51	31.382	4811	4817	4826	VV	4	5456	170989	0.37%	0.070%
52	32.810	5054	5060	5064	VV		2192	40153	0.09%	0.016%
53	32.910	5073	5077	5079	VV		1942	22821	0.05%	0.009%
54	33.920	5232	5249	5251	PV	3	1586	59827	0.13%	0.024%
55	34.590	5359	5363	5365	VV	2	2159	24816	0.05%	0.010%
56	34.708	5371	5383	5428	PV	2	1052540	27330948	59.44%	11.115%
57	34.978	5428	5429	5440	VV	4	6209	176823	0.38%	0.072%
58	35.054	5440	5442	5446	VV	3	4103	77057	0.17%	0.031%
59	35.142	5450	5457	5460	VV		3225	81512	0.18%	0.033%
60	35.530	5521	5523	5525	VV		1765	15226	0.03%	0.006%
61	36.182	5631	5634	5636	VV	2	2165	17543	0.04%	0.007%
62	36.928	5757	5761	5767	VV		1727	34742	0.08%	0.014%
63	39.396	6168	6181	6185	VV	3	1806	51829	0.11%	0.021%
64	39.690	6226	6231	6236	PV	4	2143	41799	0.09%	0.017%
65	39.778	6243	6246	6254	VV	2	1503	24677	0.05%	0.010%

Sum of corrected areas: 245894897

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050602\0425LB.D
Operator : Mclean
Acquired : 6 May 2002 11:56 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/25
Misc Info :
Vial Number: 16
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

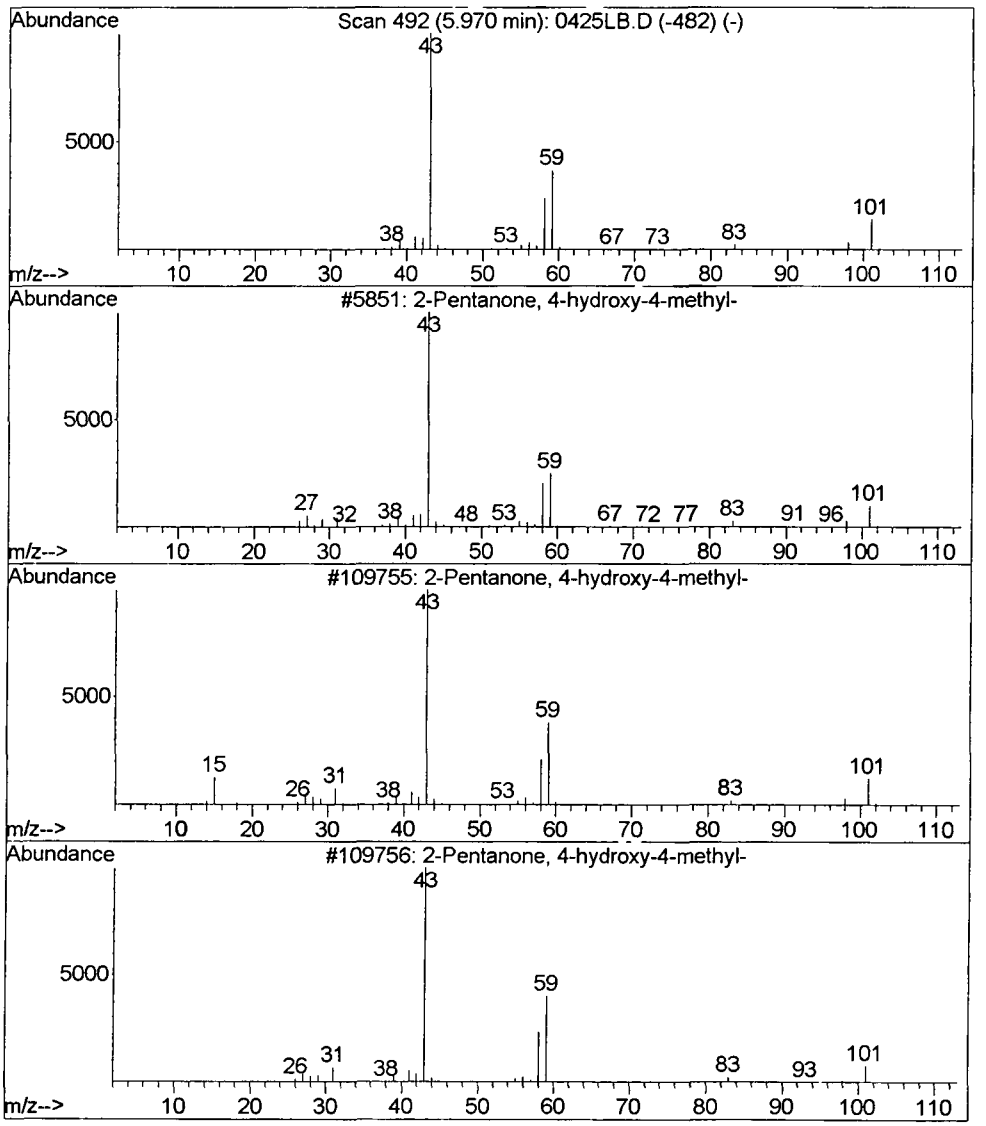
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

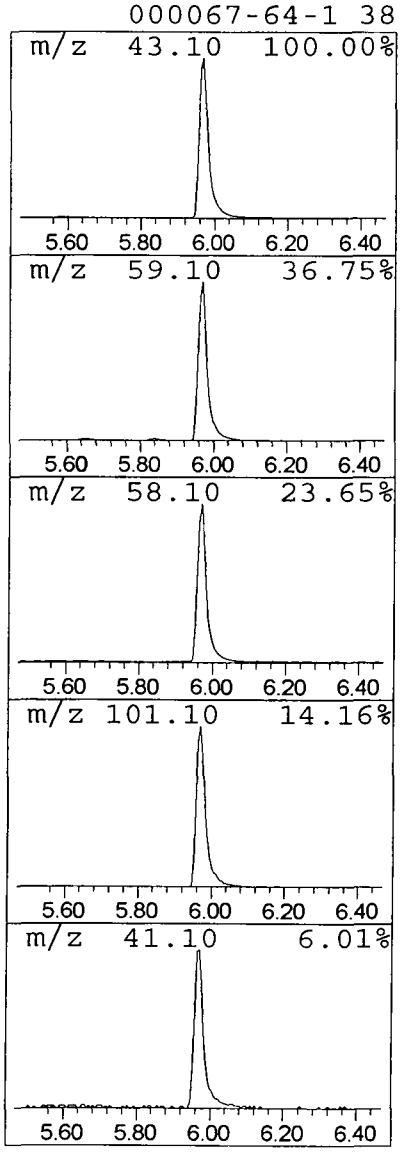
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	9.38 ug/L	7377720	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	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	Acetone	58	C3H6O	000067-64-1	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

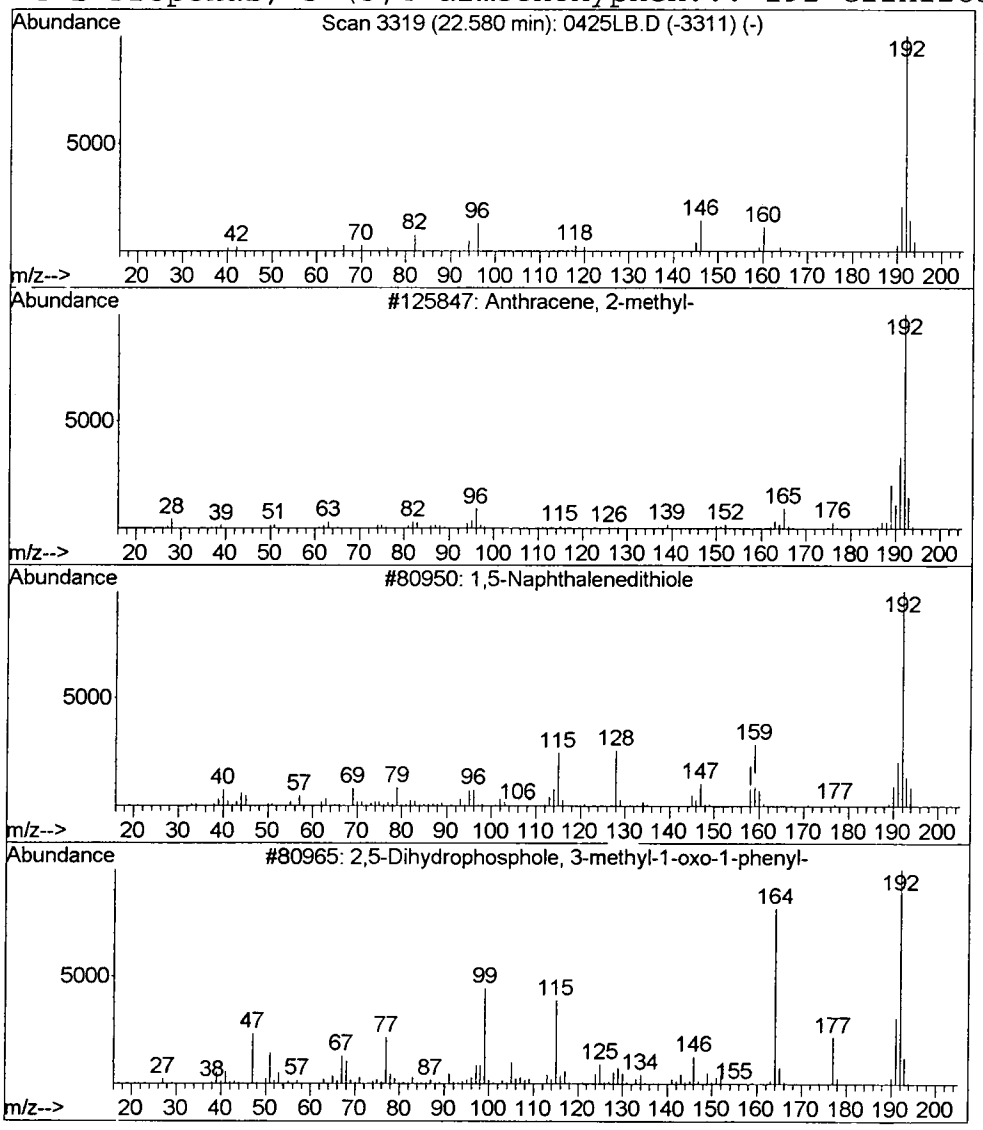
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

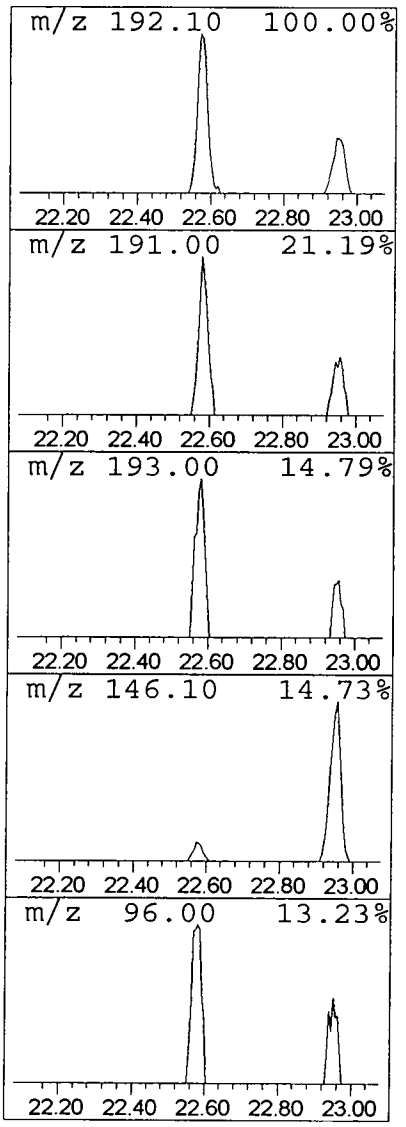
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.31 ug/L	348630	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	50
3	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\0425LB.D Vial: 16
Acq On : 6 May 2002 11:56 pm Operator: Mclean
Sample : 4/25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

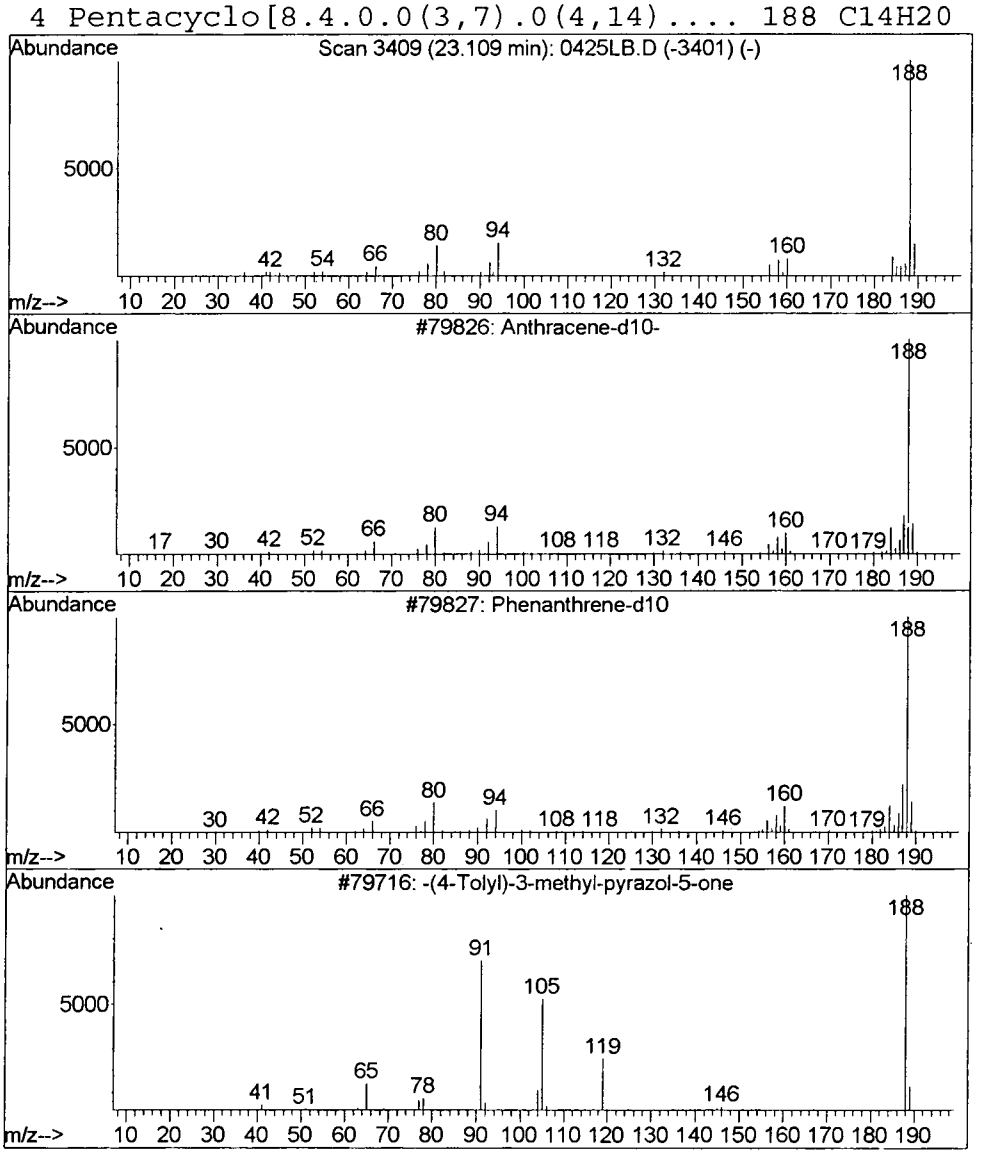
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

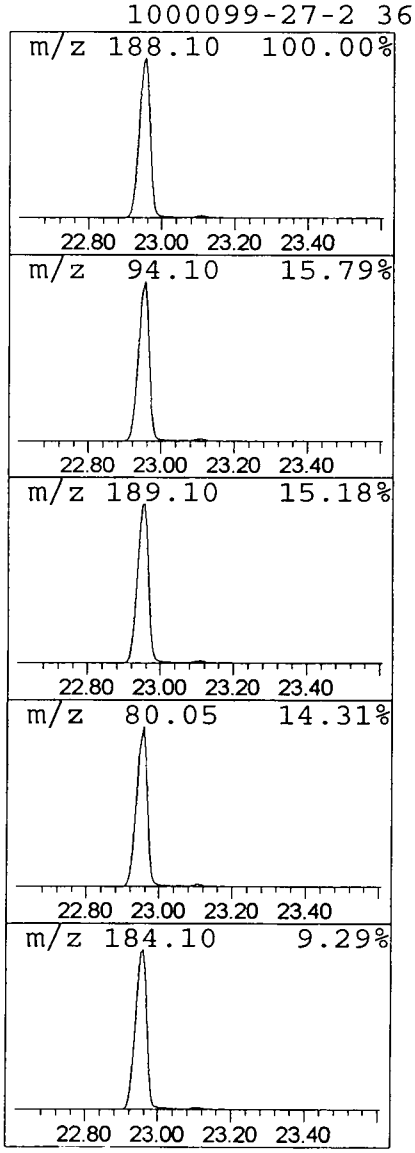
****

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.64 ug/L	708900	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	47
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	36





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050602\0425LB.D
Acq On : 6 May 2002 11:56 pm
Sample : 4/25
Misc :
MS Integration Params: LSCINT.e

Vial: 16
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

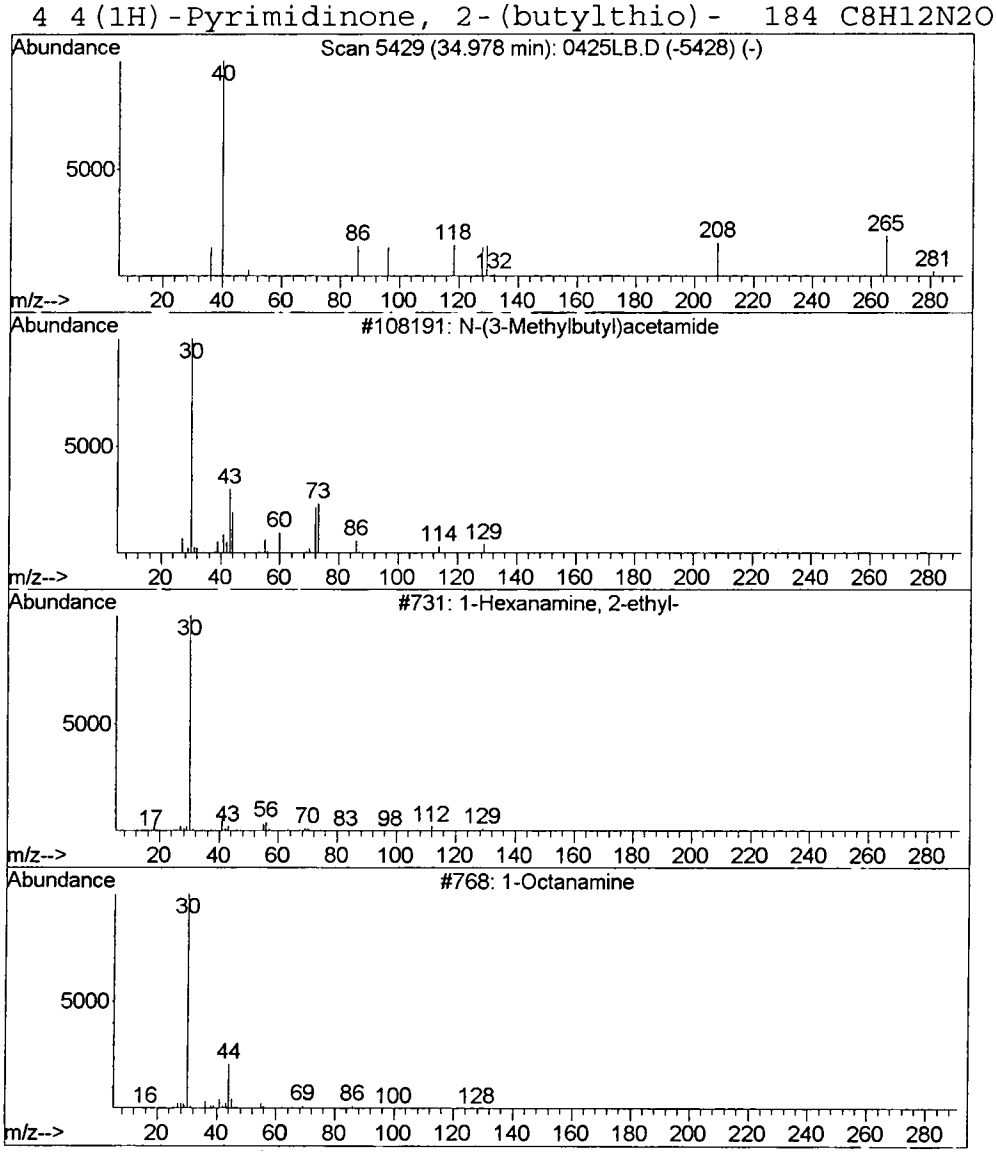
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

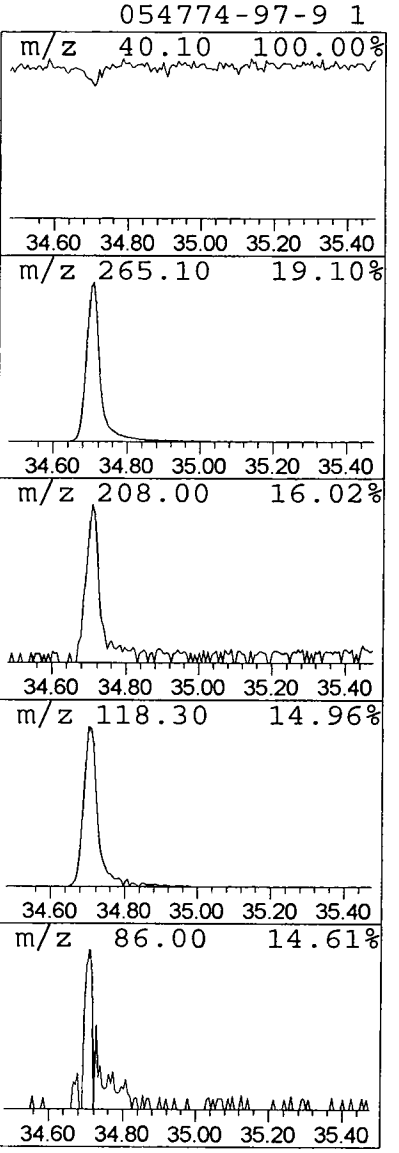
****

Peak Number 4 N-(3-Methylbutyl)acetamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.98	0.26 ug/L	176823	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Methylbutyl)acetamide	129	C7H15NO	013434-12-3	3
2	1-Hexanamine, 2-ethyl-	129	C8H19N	000104-75-6	2
3	1-Octanamine	129	C8H19N	000111-86-4	2
4	4(1H)-Pyrimidinone, 2-(butylthio)-	184	C8H12N2OS	054774-97-9	1





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 6 May 2002 11:56 pm
Data File: C:\MSDCHEM\1\DATA\050602\0425LB.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
2-Pentanone, 4-hy...	5.97	9.4	ug/L	7377720	1	9.94	31461900	40.0
Anthracene, 2-met...	22.58	0.3	ug/L	348630	4	22.96	44634600	40.0
Anthracene-d10-	23.11	0.6	ug/L	708900	4	22.96	44634600	40.0
N-(3-Methylbutyl)...	34.98	0.3	ug/L	176823	6	34.71	27330900	40.0