User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 13:56:17

Sample: AE11417
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/23/02 13:34 Ended: 5/23/02 13:34 Analyst: MF
Result source: manual entry
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052002\516LBL.D Vial: 4
Acq On : 20 May 2002 3:44 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 22 15:56:51 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	4933946	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	19268268	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10296554	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	14532389	40.00	ug/L	0.00
37) Chrysene-d12	30.80	240	9637378	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	5116366	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	2173581	34.77	ug/L	0.00
Spiked Amount 40.000			Recovery = 86.93%			
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	20.54	77	37424	N.D.		
30) Nnitrosodiphenylamine	20.54	169	41413	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	0.00	149	0	N.D.		

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

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Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 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	30.79	228	24978	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

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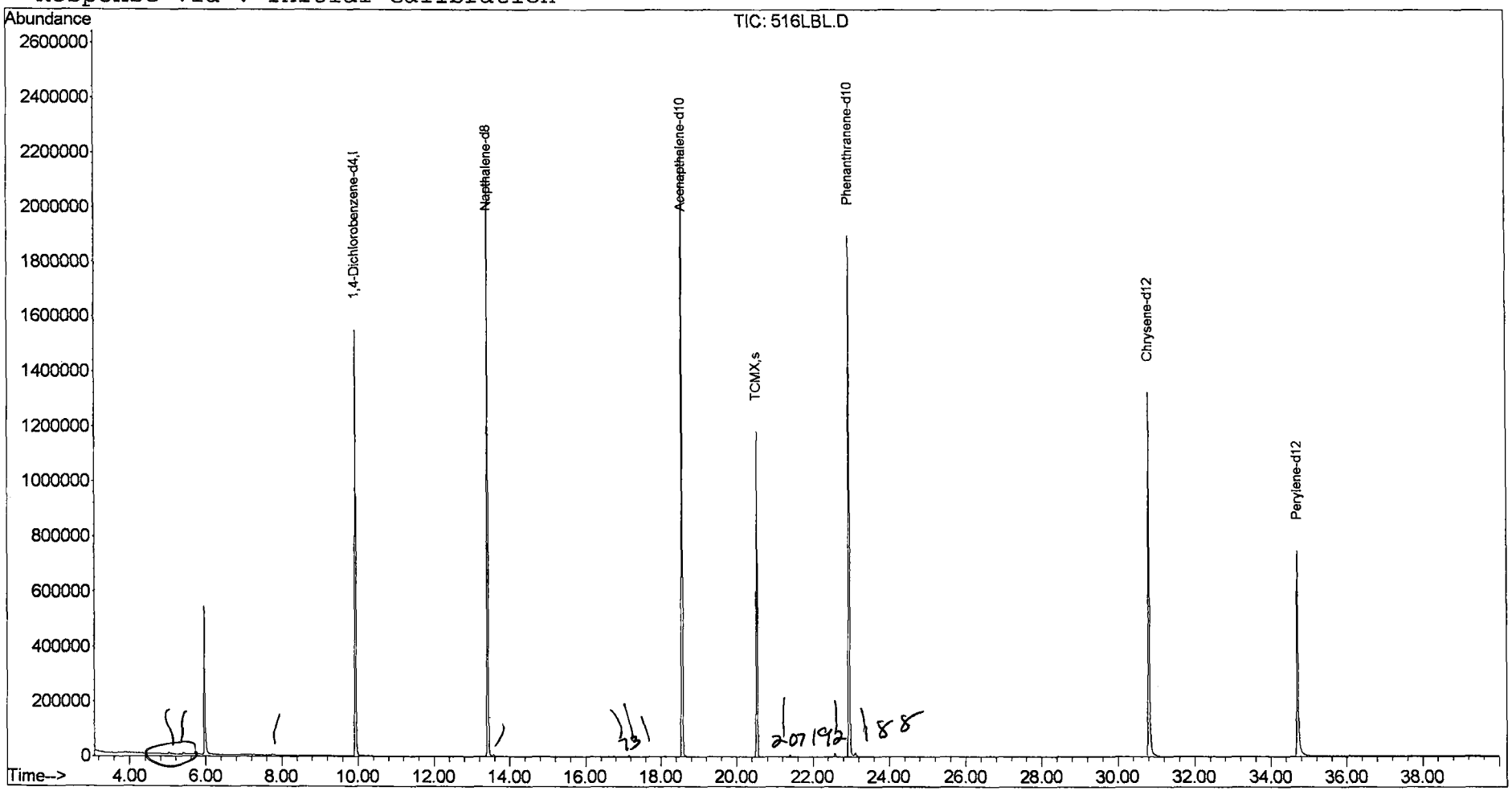
Quant Time: May 22 15:56 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052002\516LBL.D
Acq On : 20 May 2002 3:44 pm
Sample : 5/16 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 4
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

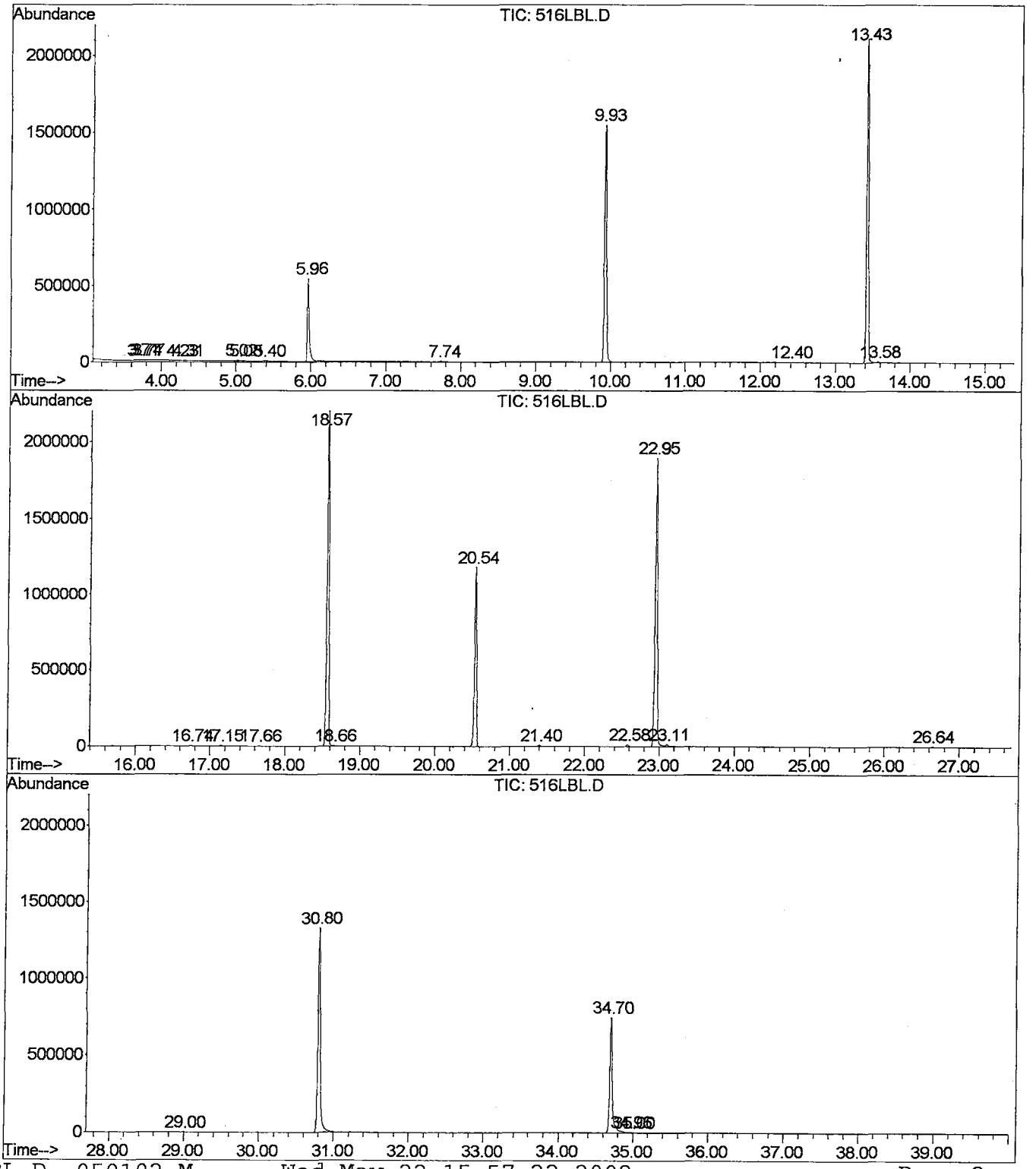
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.714	96	108	111	PV 7	3377	100268	0.24%	0.043%
2	3.743	111	113	116	VV 4	3622	61102	0.15%	0.026%
3	3.773	116	118	120	VV 2	3611	47901	0.11%	0.021%
4	4.231	193	196	203	VV 4	2462	62808	0.15%	0.027%
5	4.313	207	210	224	VV 8	2764	70413	0.17%	0.030%
6	5.018	321	330	338	PV 8	5857	148757	0.35%	0.064%
7	5.083	338	341	346	VV 5	2217	52597	0.13%	0.023%
8	5.400	390	395	399	VV 4	4883	84408	0.20%	0.036%
9	5.958	485	490	519	PV	533564	9760979	23.20%	4.201%
10	7.739	789	793	817	PV 5	4653	149059	0.35%	0.064%
11	9.930	1154	1166	1190	BV	1548010	29498369	70.12%	12.695%
12	12.398	1581	1586	1595	VV 2	1945	33900	0.08%	0.015%
13	13.426	1747	1761	1781	PV	2095918	39368101	93.58%	16.942%
14	13.579	1781	1787	1801	VV 2	7136	147421	0.35%	0.063%
15	16.746	2321	2326	2336	VV 2	2763	49315	0.12%	0.021%
16	17.151	2387	2395	2401	PV 3	5371	90675	0.22%	0.039%
17	17.657	2471	2481	2492	BV 4	2888	49159	0.12%	0.021%
18	18.567	2621	2636	2650	BV	2220882	42069235	100.00%	18.105%
19	18.655	2650	2651	2656	VV 3	2070	23703	0.06%	0.010%
20	20.541	2960	2972	2988	VV	1166705	21568456	51.27%	9.282%
21	21.399	3109	3118	3124	PV 3	7398	131472	0.31%	0.057%
22	22.580	3304	3319	3330	PV	12717	238555	0.57%	0.103%
23	22.950	3368	3382	3402	PV 2	1873032	39517055	93.93%	17.006%
24	23.109	3402	3409	3422	VV 3	13696	382798	0.91%	0.165%
25	26.640	4005	4010	4017	PV 2	3497	60379	0.14%	0.026%
26	28.996	4407	4411	4417	PV	1601	24578	0.06%	0.011%
27	30.800	4706	4718	4767	PV 2	1307555	29814769	70.87%	12.831%
28	34.702	5371	5382	5424	PV 2	748885	18669435	44.38%	8.034%
29	34.960	5424	5426	5431	VV 4	3103	57051	0.14%	0.025%
30	35.001	5431	5433	5444	VV 6	1834	34188	0.08%	0.015%

Sum of corrected areas: 232366906

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052002\516LBL.D
Operator : Mclean
Acquired : 20 May 2002 3:44 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/16 eh
Misc Info :
Vial Number: 4
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052002\516LBL.D Vial: 4
Acq On : 20 May 2002 3:44 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

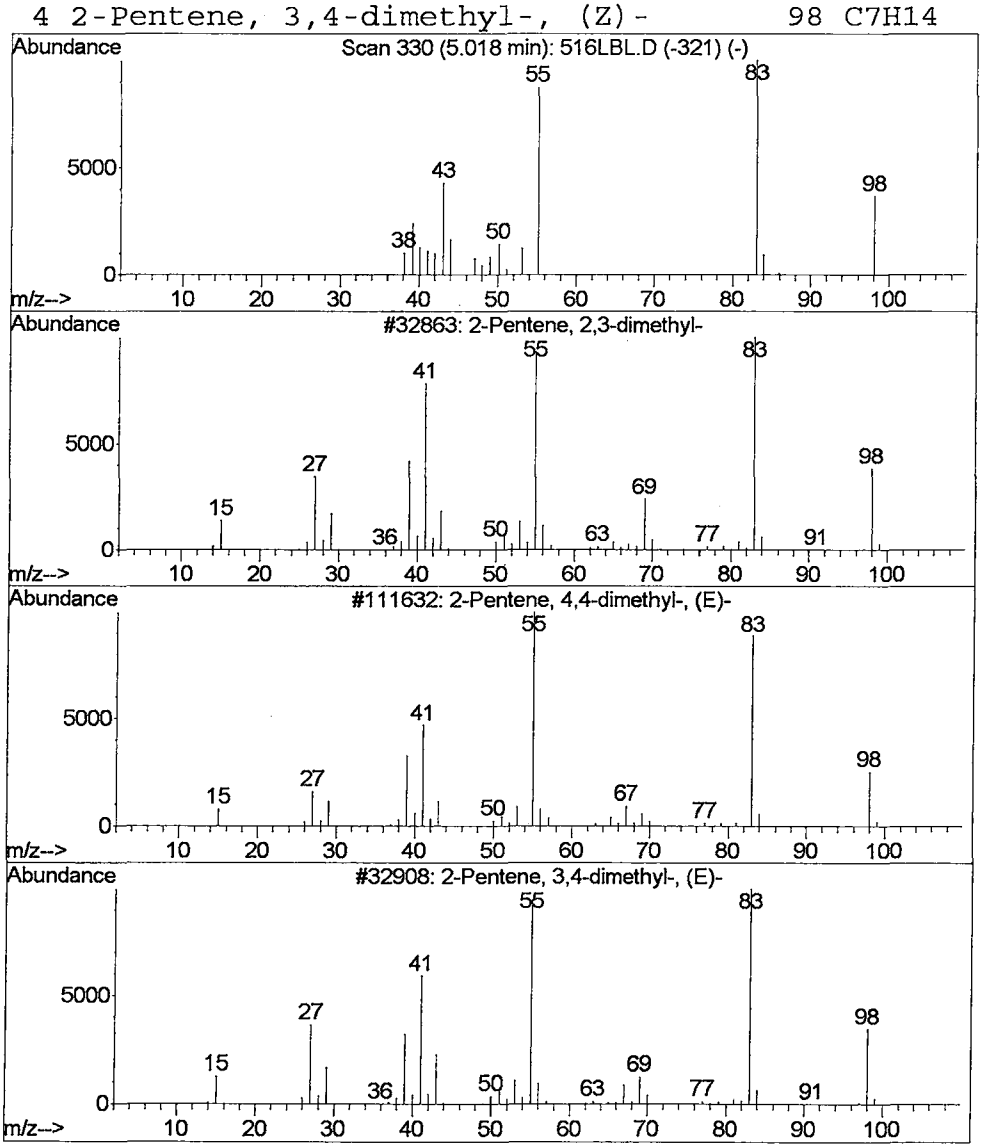
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

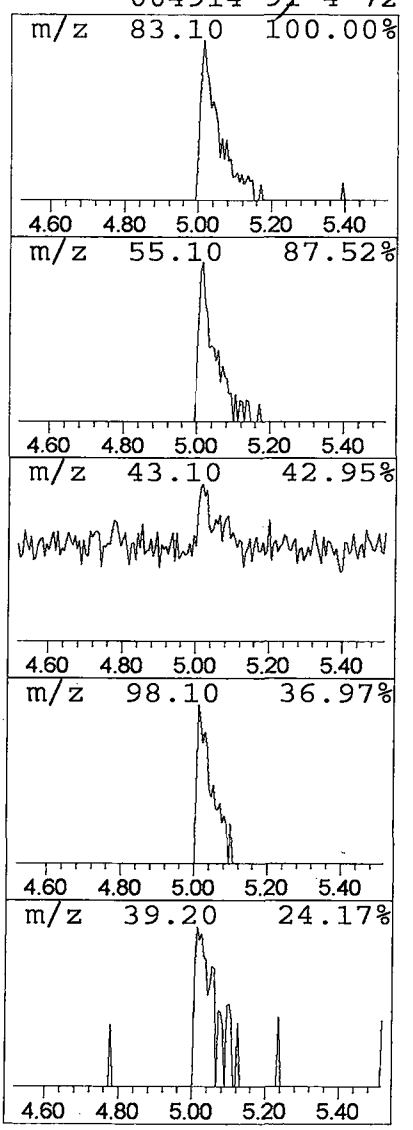
****

Peak Number 1 2-Pentene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.20 ug/L	148757	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Library Search Compound Report

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Acq On : 20 May 2002 3:44 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

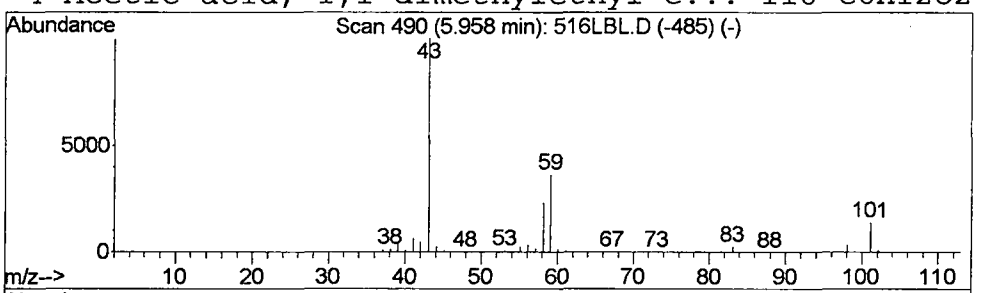
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

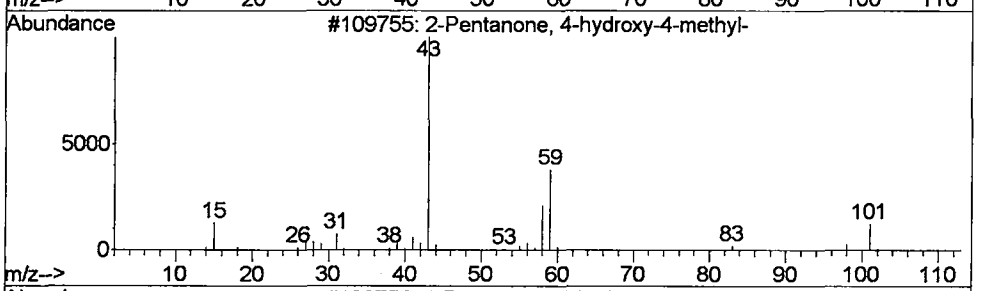
****

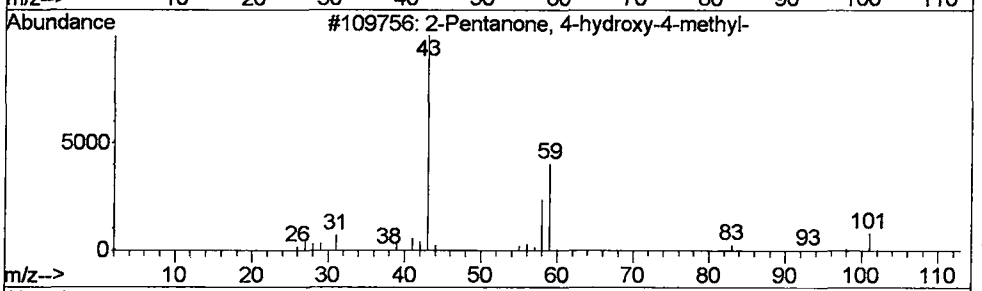
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

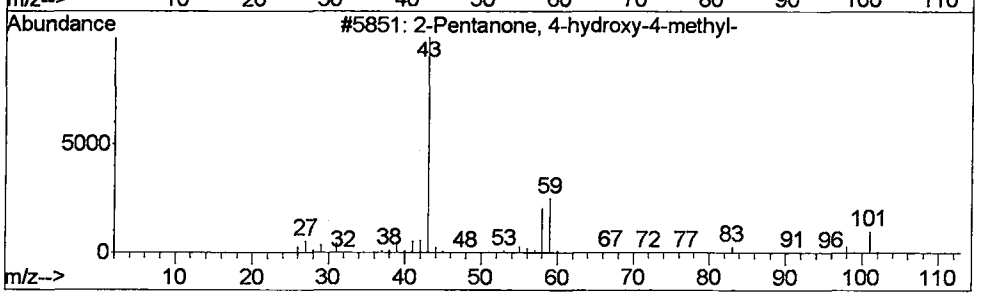
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	13.24 ug/L	9760980	1,4-Dichlorobenzene-d4	9.93

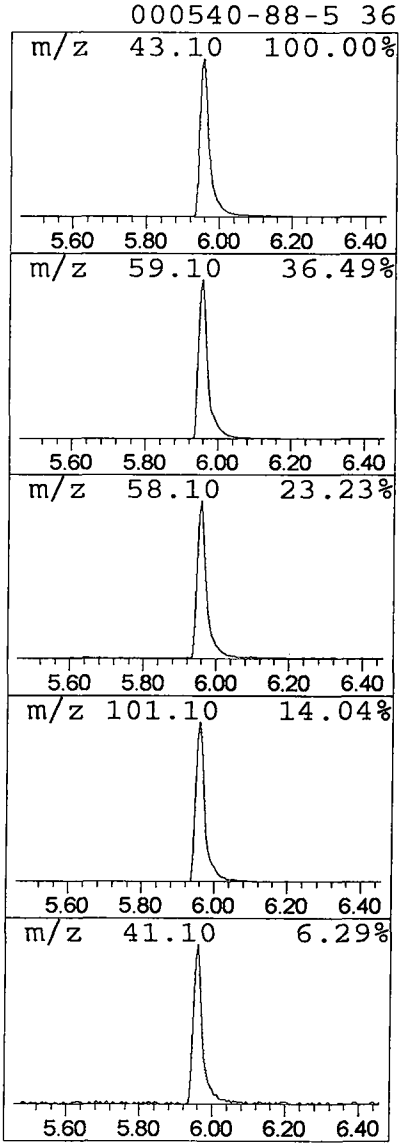
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36











Library Search Compound Report

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Acq On : 20 May 2002 3:44 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

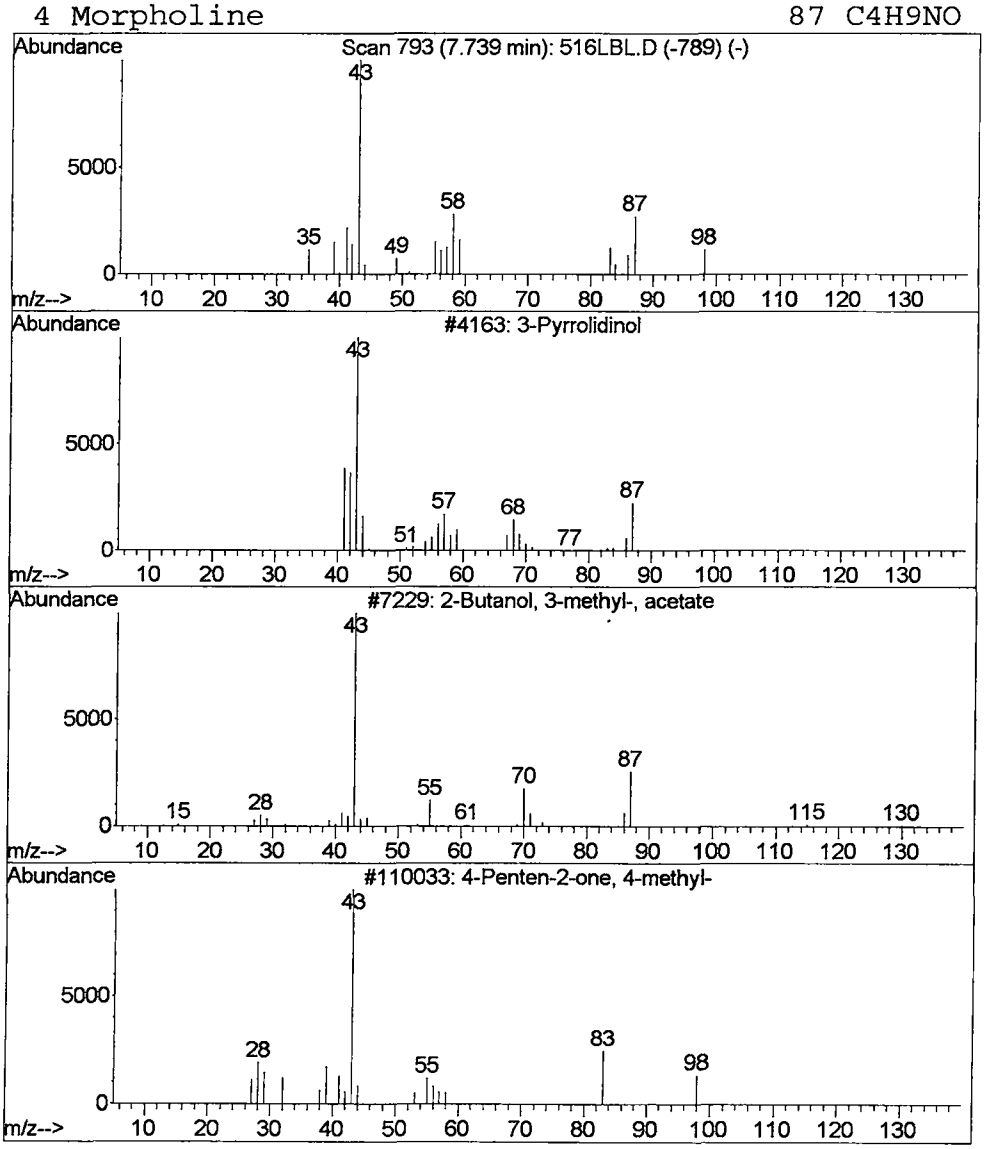
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

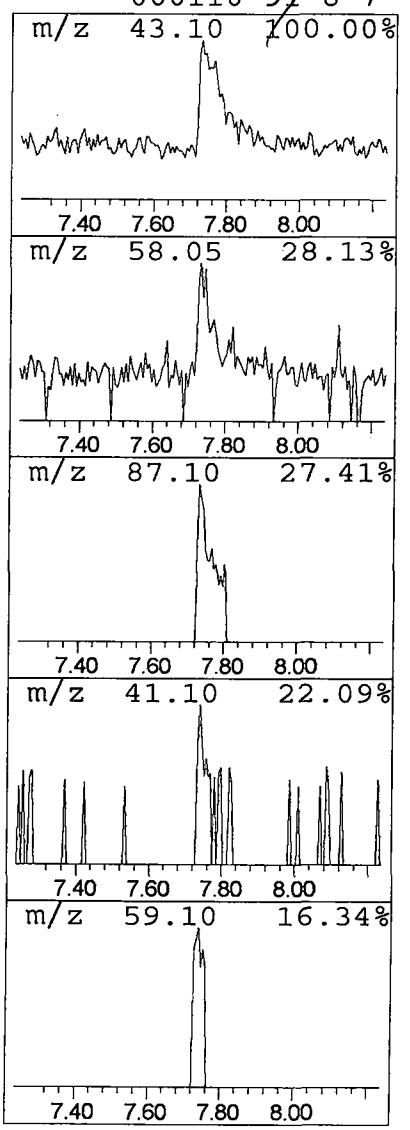
****

Peak Number 3 3-Pyrrolidinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.20 ug/L	149059	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	35
2	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	9
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7
4	Morpholine	87	C4H9NO	000110-91-8	7





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Sample : 5/16 eh Inst : Instrumen
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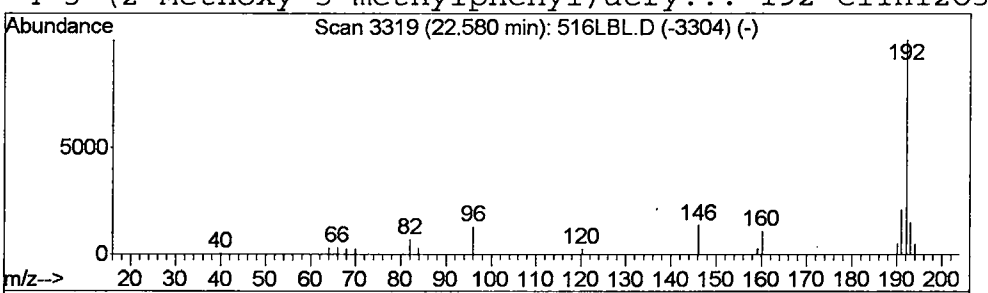
Library : C:\DATABASE\NIST98.L

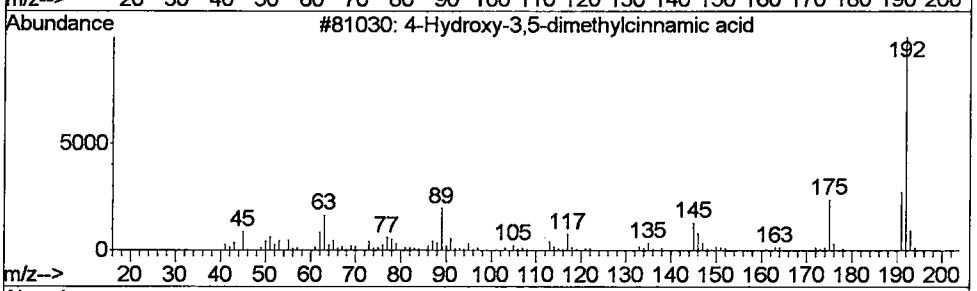
****

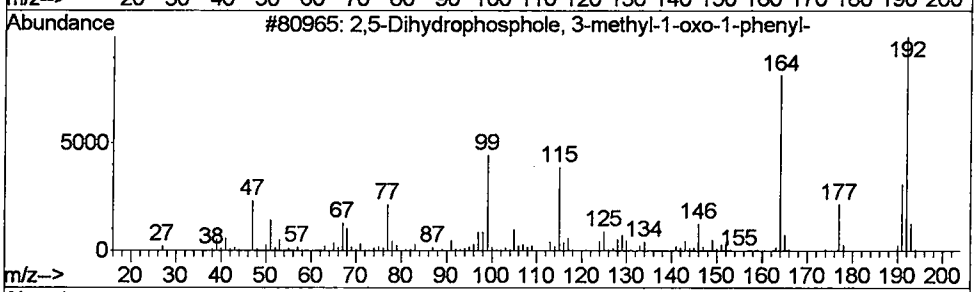
Peak Number 4 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 3

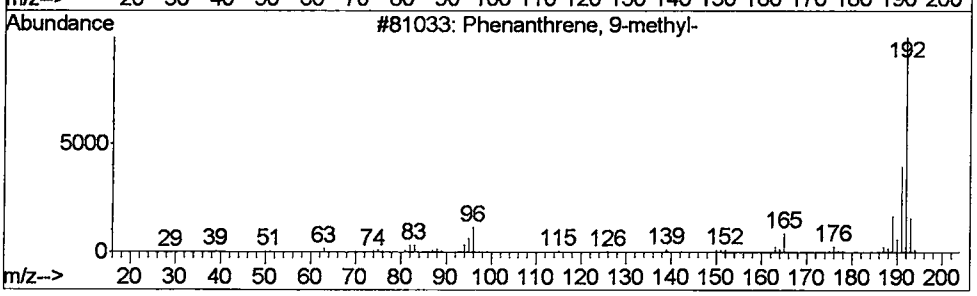
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.24 ug/L	238555	Phenanthranene-d10	22.95

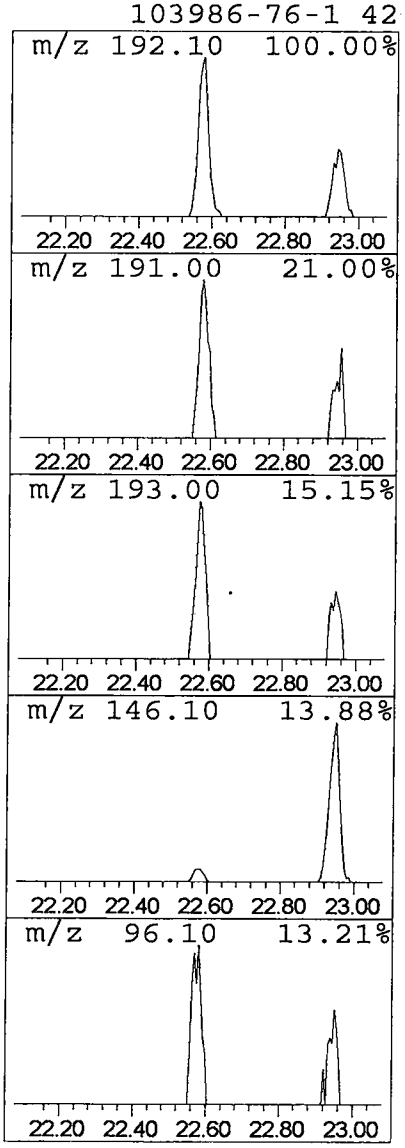
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	50
2	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
4	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	42











Library Search Compound Report

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Acq On : 20 May 2002 3:44 pm Operator: Mclean
Sample : 5/16 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

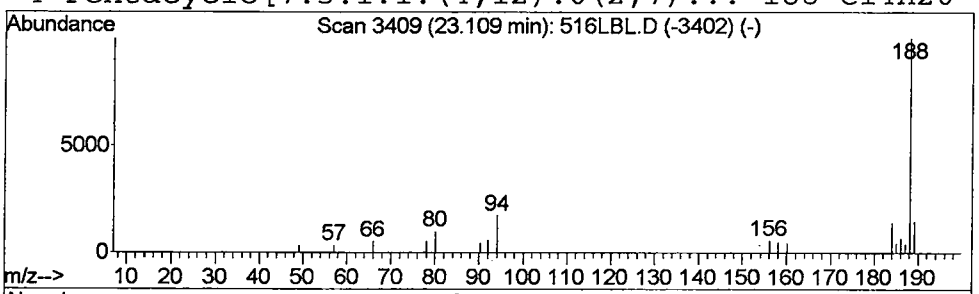
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

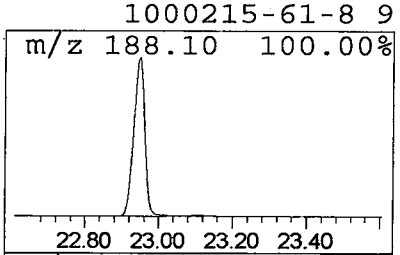
****

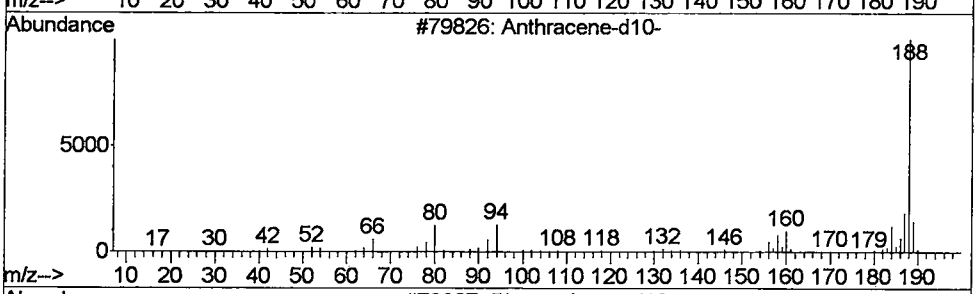
Peak Number 5 Anthracene-d10- Concentration Rank 2

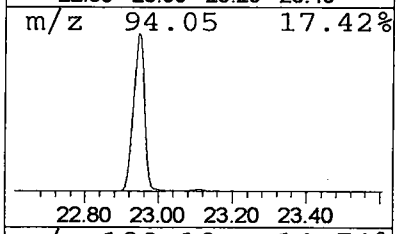
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.39 ug/L	382798	Phenanthranene-d10	22.95

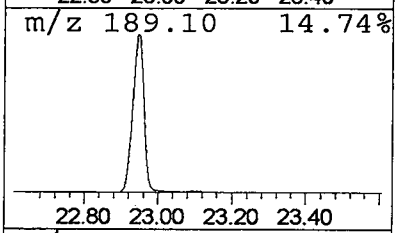
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Antipyrine	188	C11H12N2O	000060-80-0	33
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	9

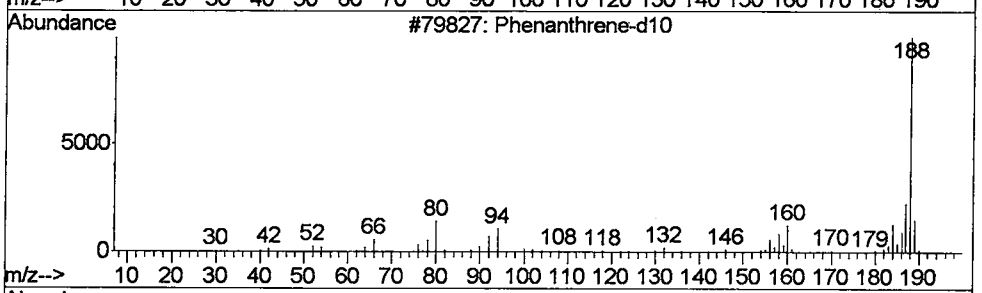


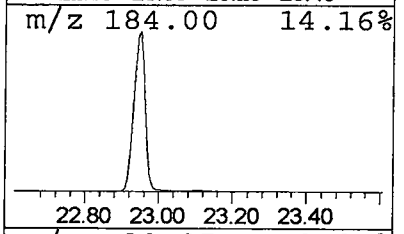


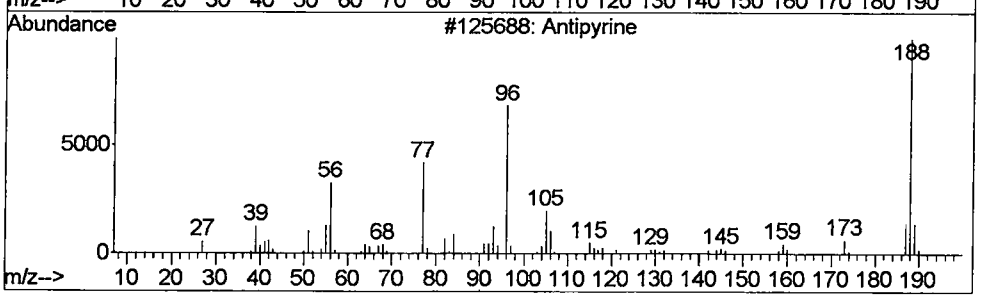


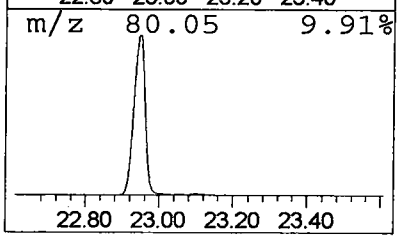












Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 20 May 2002 3:44 pm
Data File: C:\MSDCHEM\1\DATA\052002\516LBL.D
Name: 5/16 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
2-Pentene, 2,3-di...	5.02	0.2	ug/L	148757	1	9.93	29498400	40.0
2-Pentanone, 4-hy...	5.96	13.2	ug/L	9760980	1	9.93	29498400	40.0
3-Pyrrolidinol	7.74	0.2	ug/L	149059	1	9.93	29498400	40.0
4-Hydroxy-3,5-dim...	22.58	0.2	ug/L	238555	4	22.95	39517100	40.0
Anthracene-d10-	23.11	0.4	ug/L	382798	4	22.95	39517100	40.0