User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 14:22:39

Sample: AE10198
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/9/02 14:10 Ended: 5/9/02 14:10 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\050802\430LB.D Vial: 12
Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:29:12 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 09:57:23 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	7594318	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	30084642	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	16245310	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	23853734	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	18783606	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	12841088	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	871912	7.18	ug/L	0.00
Spiked Amount 10.000			Recovery = 71.80%			
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	3.57	74	16753	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	20.53	169	14651	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 : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:29:12 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 09:57:23 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	18618	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	30.82	228	49655	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	426307	0.92 ug/L #	94
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\050802\430LB.D Vial: 12
Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
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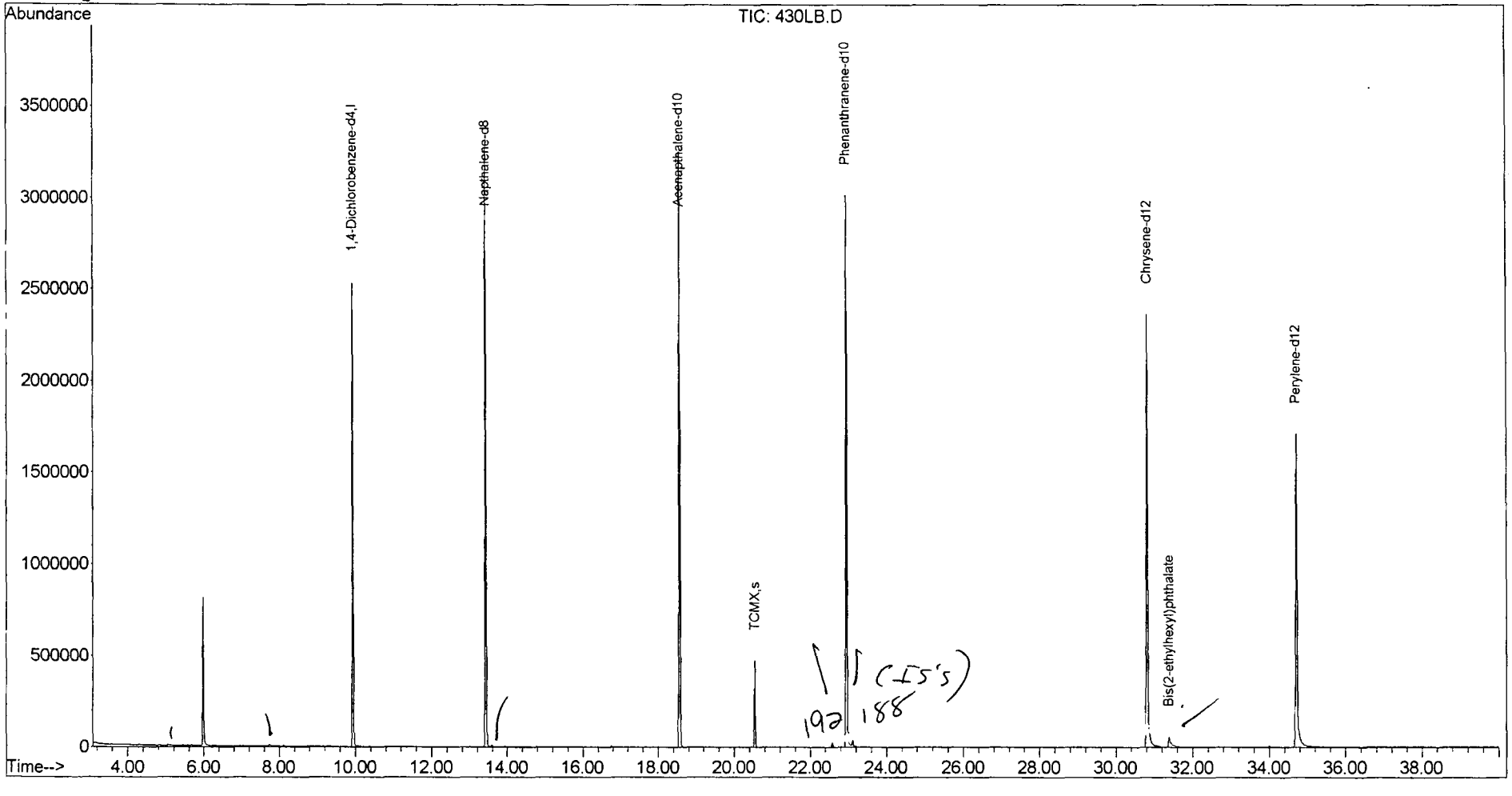
Quant Time: May 9 13:29 2002 Quant Results File: 050102.RES

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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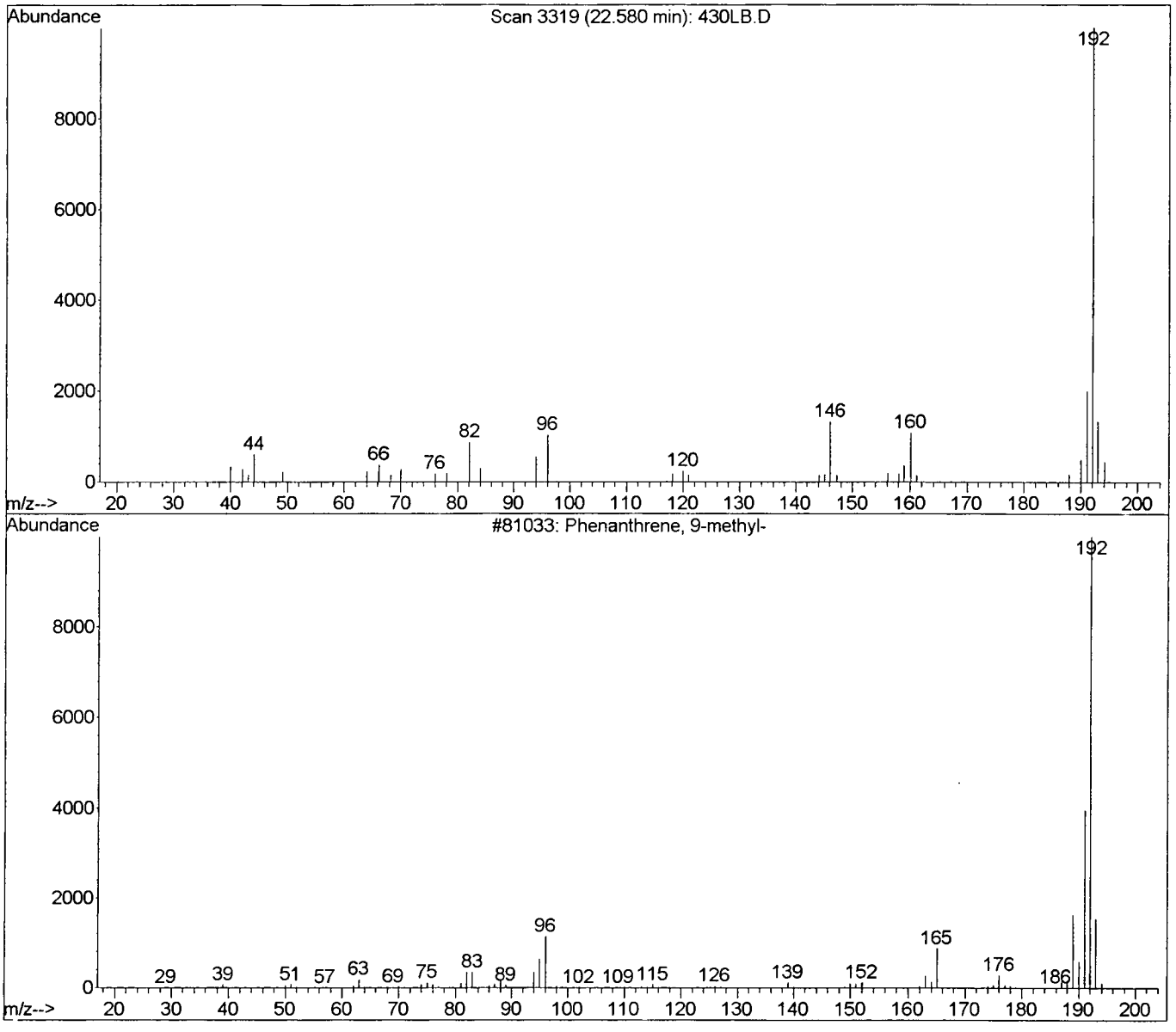
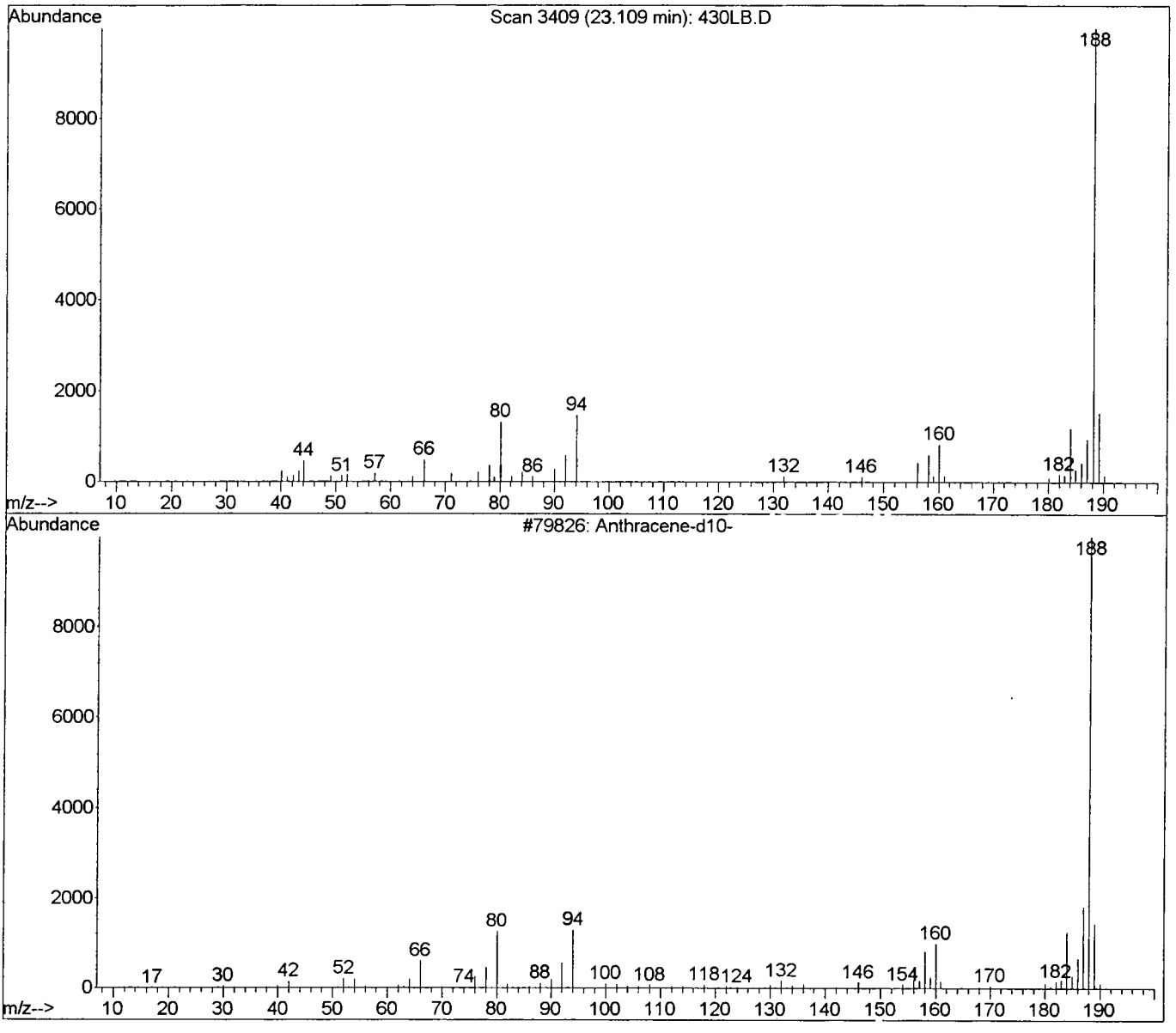
Quality : 53
ID : Phenanthrene, 9-methyl-



Library Searched : C:\Database\NIST98.L
Quality : 91
ID : Anthracene-d10-



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050802\430LB.D
Acq On : 9 May 2002 12:22 am
Sample : 4/30 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

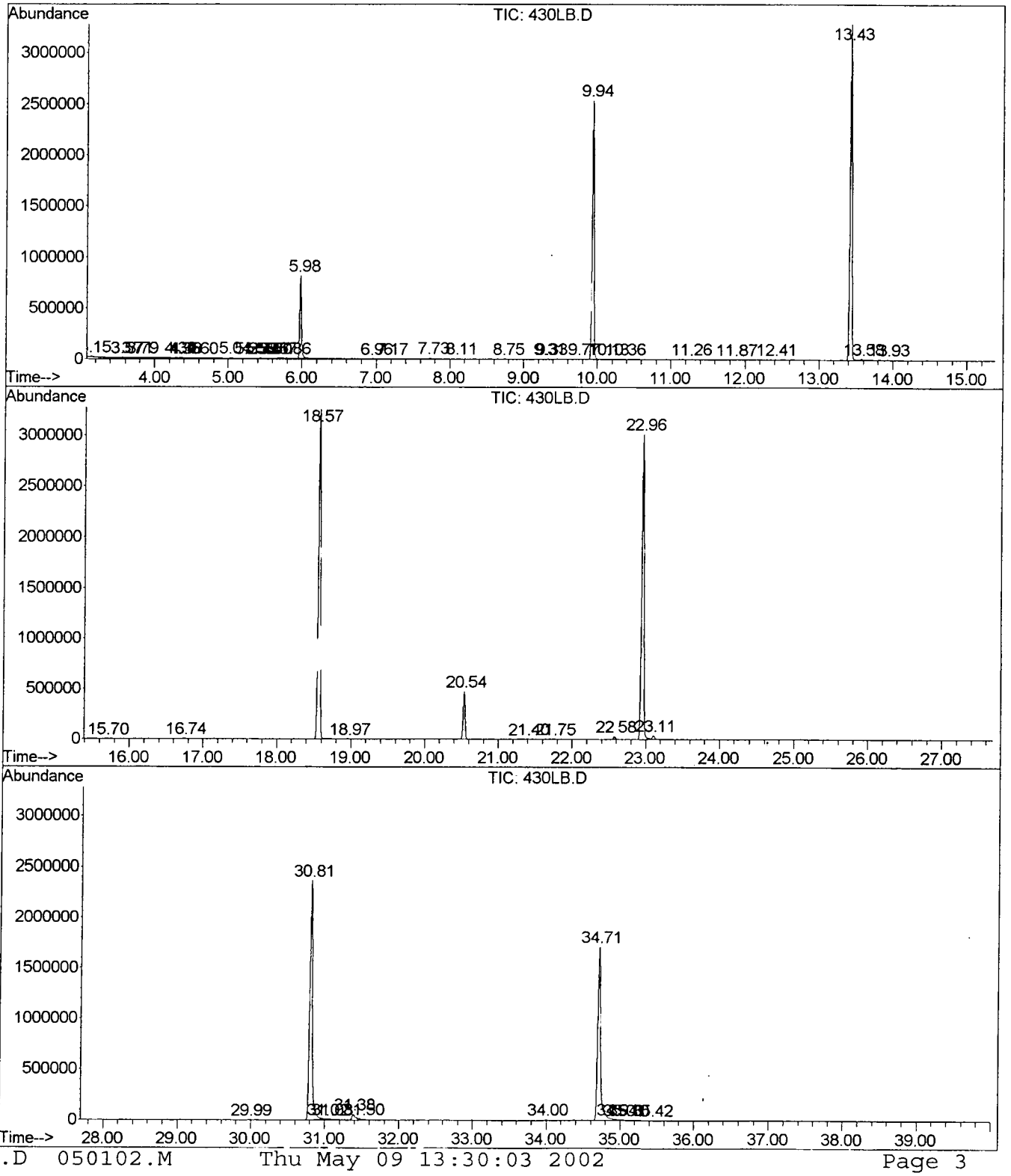
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.150	3	12	29	BV 2	5410	65401	0.10%	0.017%
2	3.573	80	84	96	PV 6	3955	78955	0.12%	0.021%
3	3.714	100	108	116	VV 9	3220	128196	0.19%	0.034%
4	3.784	116	120	133	VV 9	3251	142999	0.21%	0.038%
5	4.295	202	207	212	VV 7	5218	96843	0.15%	0.026%
6	4.348	212	216	218	VV 4	2411	36956	0.06%	0.010%
7	4.378	218	221	233	VV 9	3542	73648	0.11%	0.020%
8	4.601	256	259	267	PV 8	1736	30594	0.05%	0.008%
9	5.042	331	334	346	PV 5	6080	155825	0.23%	0.041%
10	5.253	362	370	372	PV 5	1912	28569	0.04%	0.008%
11	5.394	392	394	396	VV 2	2082	20310	0.03%	0.005%
12	5.441	396	402	412	VV 6	4115	91510	0.14%	0.024%
13	5.547	412	420	422	PV 5	2421	44539	0.07%	0.012%
14	5.576	422	425	427	VV 4	2515	30665	0.05%	0.008%
15	5.600	427	429	431	VV 3	2553	26887	0.04%	0.007%
16	5.670	435	441	442	VV 5	2669	49088	0.07%	0.013%
17	5.858	469	473	480	VV 3	3105	55062	0.08%	0.015%
18	5.982	486	494	524	VV	816863	13607674	20.41%	3.617%
19	6.957	654	660	664	PV 3	2118	43016	0.06%	0.011%
20	7.169	694	696	699	VV 3	1763	20473	0.03%	0.005%
21	7.733	787	792	807	PV 2	9438	270677	0.41%	0.072%
22	8.109	852	856	862	VV 3	4909	72295	0.11%	0.019%
23	8.749	953	965	973	VV 5	3719	83724	0.13%	0.022%
24	9.307	1043	1060	1062	PV 6	2835	77969	0.12%	0.021%
25	9.325	1062	1063	1067	VV 3	2385	32542	0.05%	0.009%
26	9.766	1134	1138	1146	VV 4	3137	57539	0.09%	0.015%
27	9.936	1152	1167	1187	VV	2489246	46433423	69.65%	12.344%
28	10.130	1187	1200	1209	VV 6	2068	89981	0.13%	0.024%
29	10.359	1231	1239	1248	VV 4	2900	65437	0.10%	0.017%
30	11.264	1386	1393	1396	BV 5	3236	43593	0.07%	0.012%
31	11.869	1487	1496	1503	PV 6	1741	34455	0.05%	0.009%
32	12.404	1584	1587	1593	VV 4	2803	41576	0.06%	0.011%
33	13.432	1752	1762	1779	PV	3264830	61850554	92.77%	16.442%
34	13.585	1779	1788	1799	VV 2	11041	246298	0.37%	0.065%
35	13.931	1842	1847	1854	VV 6	6475	96874	0.15%	0.026%
36	15.694	2138	2147	2158	VV 6	2745	62482	0.09%	0.017%
37	16.746	2320	2326	2335	PV	5564	96491	0.14%	0.026%

38	18.573	2624	2637	2659	PV	3295817	66668515	100.00%	17.723%
39	18.967	2699	2704	2710	BV 2	2516	37147	0.06%	0.010%
40	20.536	2961	2971	2982	VV	466308	8468181	12.70%	2.251%
41	21.393	3097	3117	3123	PV 4	2338	42450	0.06%	0.011%
42	21.752	3173	3178	3183	PV 4	1680	27387	0.04%	0.007%
43	22.574	3308	3318	3330	BV 2	27258	511952	0.77%	0.136%
44	22.956	3369	3383	3403	PV 2	2983274	65596929	98.39%	17.438%
45	23.109	3403	3409	3421	VV	35819	781180	1.17%	0.208%
46	29.983	4569	4579	4584	PV 3	2252	54156	0.08%	0.014%
47	30.812	4707	4720	4755	PV 2	2365231	58898618	88.35%	15.657%
48	31.023	4755	4756	4761	VV 4	5616	98750	0.15%	0.026%
49	31.082	4761	4766	4774	VV 6	3648	115494	0.17%	0.031%
50	31.382	4808	4817	4836	PV 3	54864	2096197	3.14%	0.557%
51	31.505	4836	4838	4851	VV 2	8637	294367	0.44%	0.078%
52	33.997	5253	5262	5280	VV 2	9400	181902	0.27%	0.048%
53	34.713	5371	5384	5420	PV 2	1720163	47085552	70.63%	12.517%
54	34.937	5420	5422	5436	VV 9	10487	421354	0.63%	0.112%
55	35.031	5436	5438	5445	VV 7	5767	146599	0.22%	0.039%
56	35.095	5445	5449	5458	VV 7	4588	147900	0.22%	0.039%
57	35.424	5501	5505	5507	PV 5	1549	16864	0.03%	0.004%

Sum of corrected areas: 376174613

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050802\430LB.D
Operator : Mclean
Acquired : 9 May 2002 12:22 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/30 eh
Misc Info :
Vial Number: 12
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

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Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

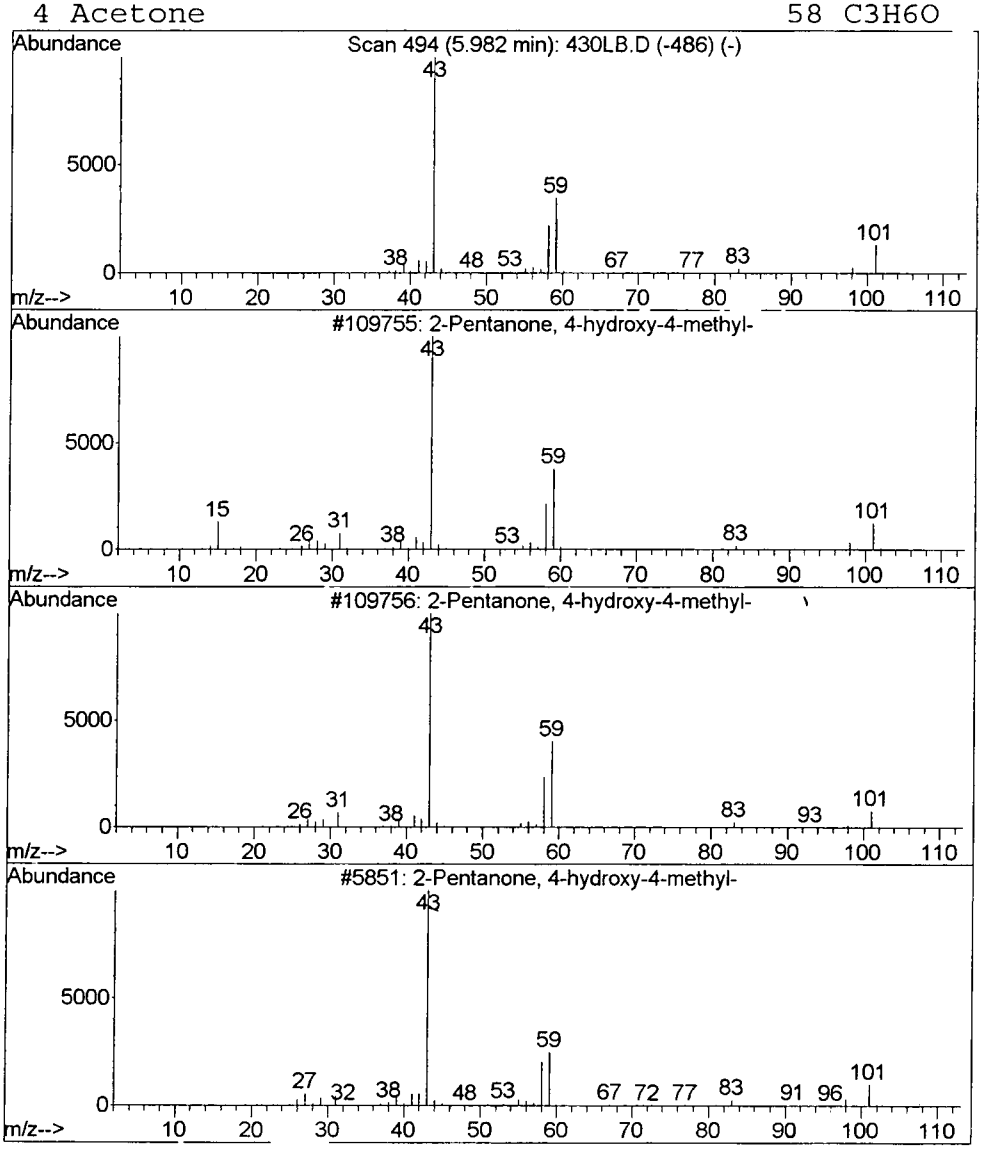
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

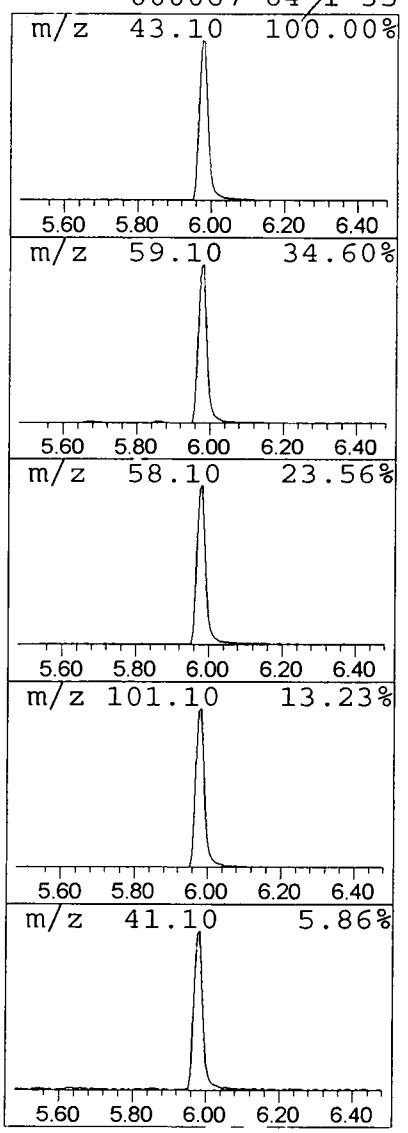
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	11.72 ug/L	13607700	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	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	56
4	Acetone	58	C3H6O	000067-64-1	35





Library Search Compound Report

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Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

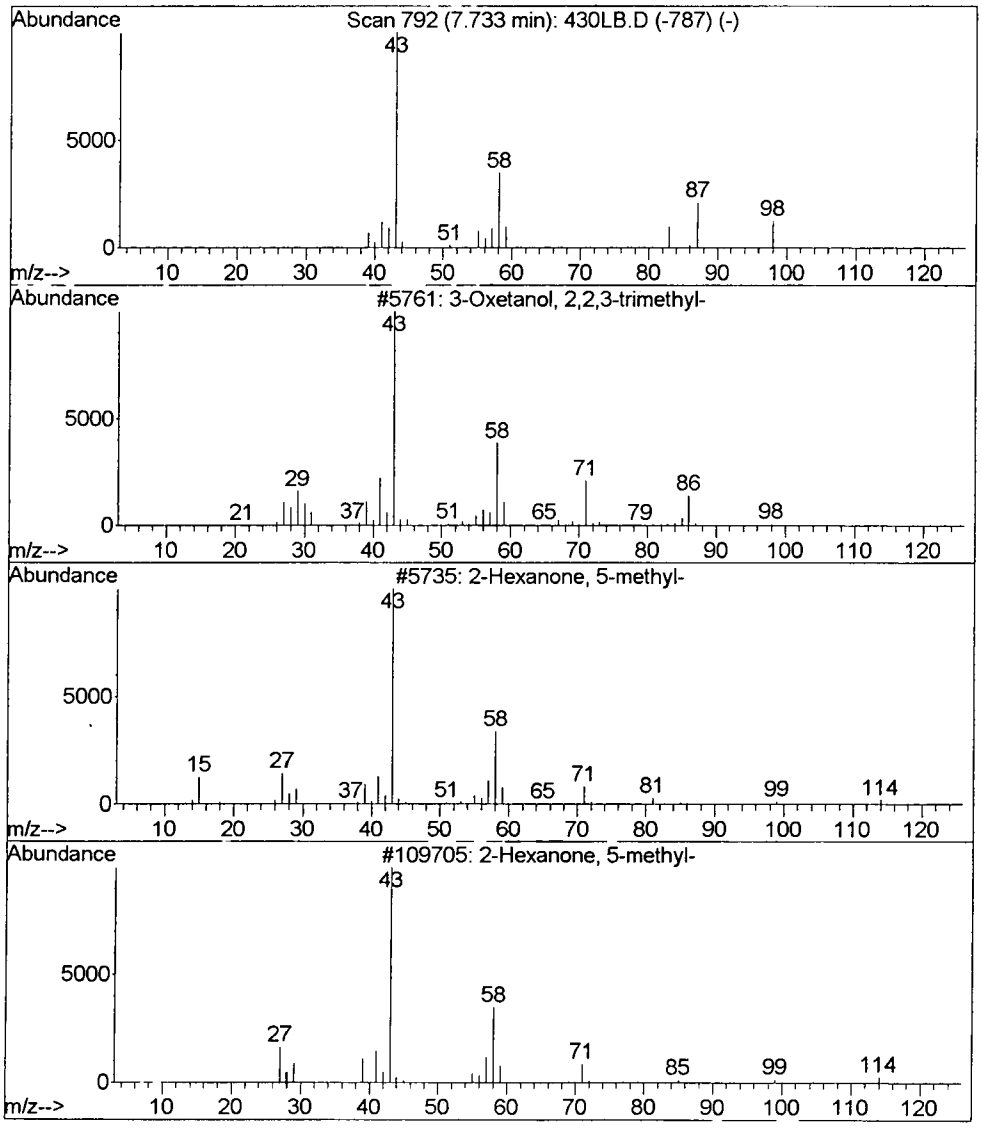
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

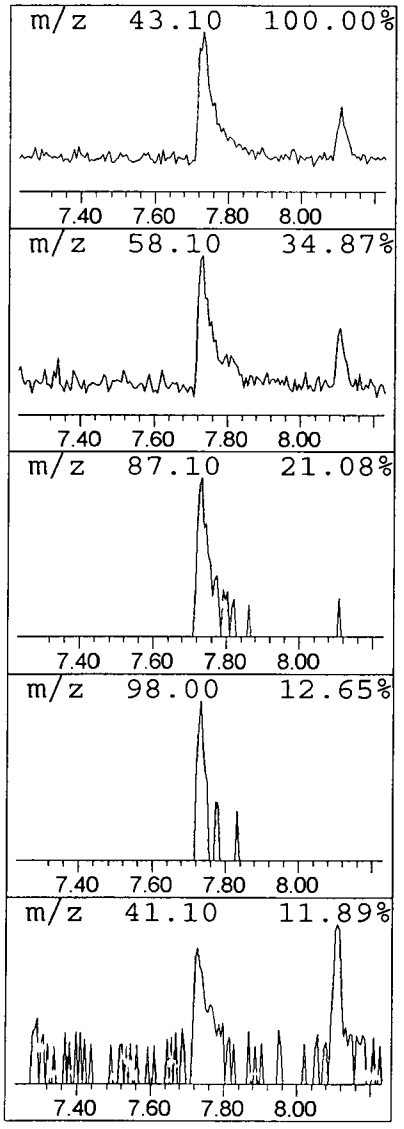
****

Peak Number 2 3-Oxetanol, 2,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.23 ug/L	270677	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	28
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	25
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

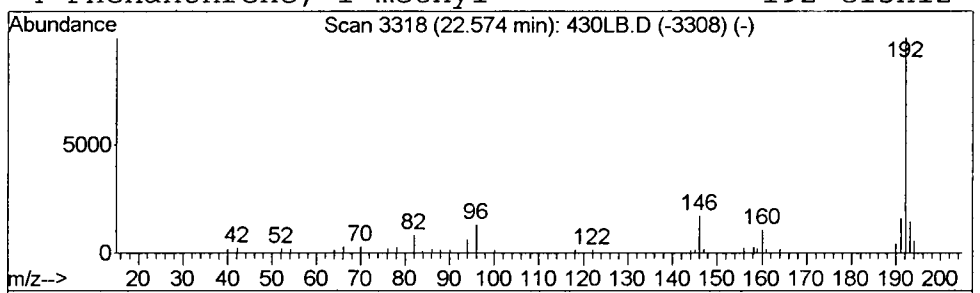
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

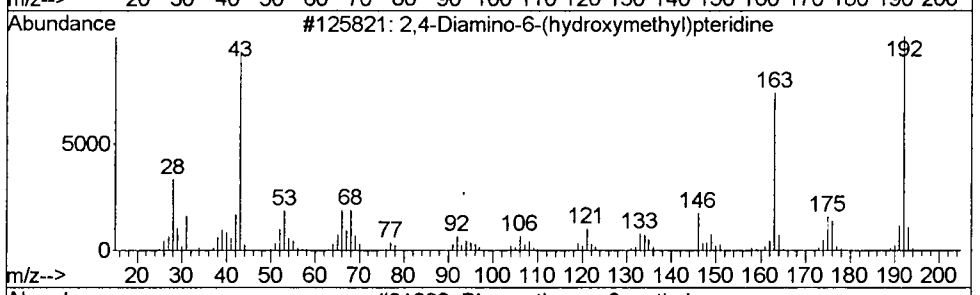
****

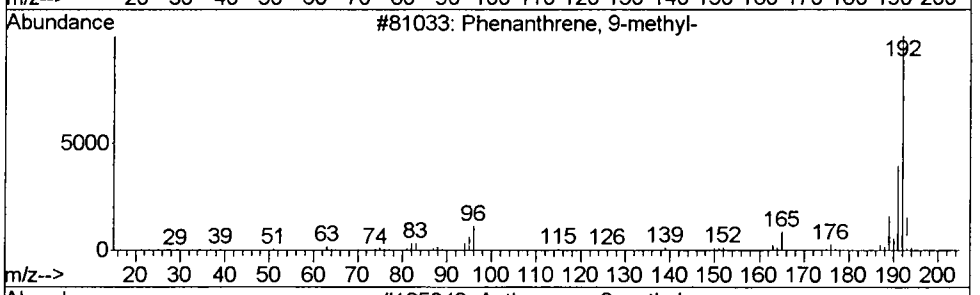
Peak Number 3 2,4-Diamino-6-(hydroxymethy... Concentration Rank 4

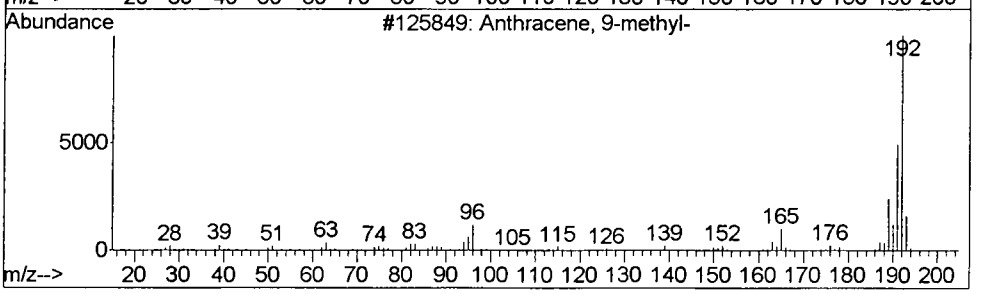
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.31 ug/L	511952	Phenanthranene-d10	22.96

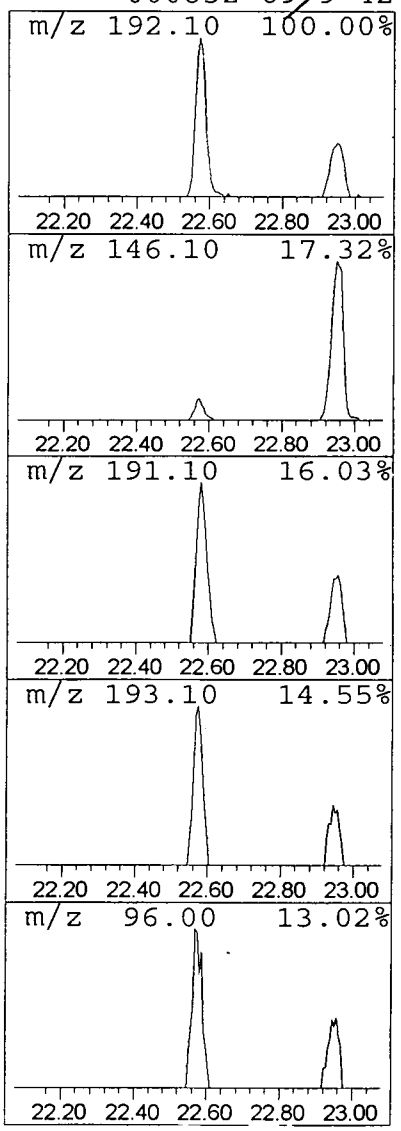
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\430LB.D Vial: 12
Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

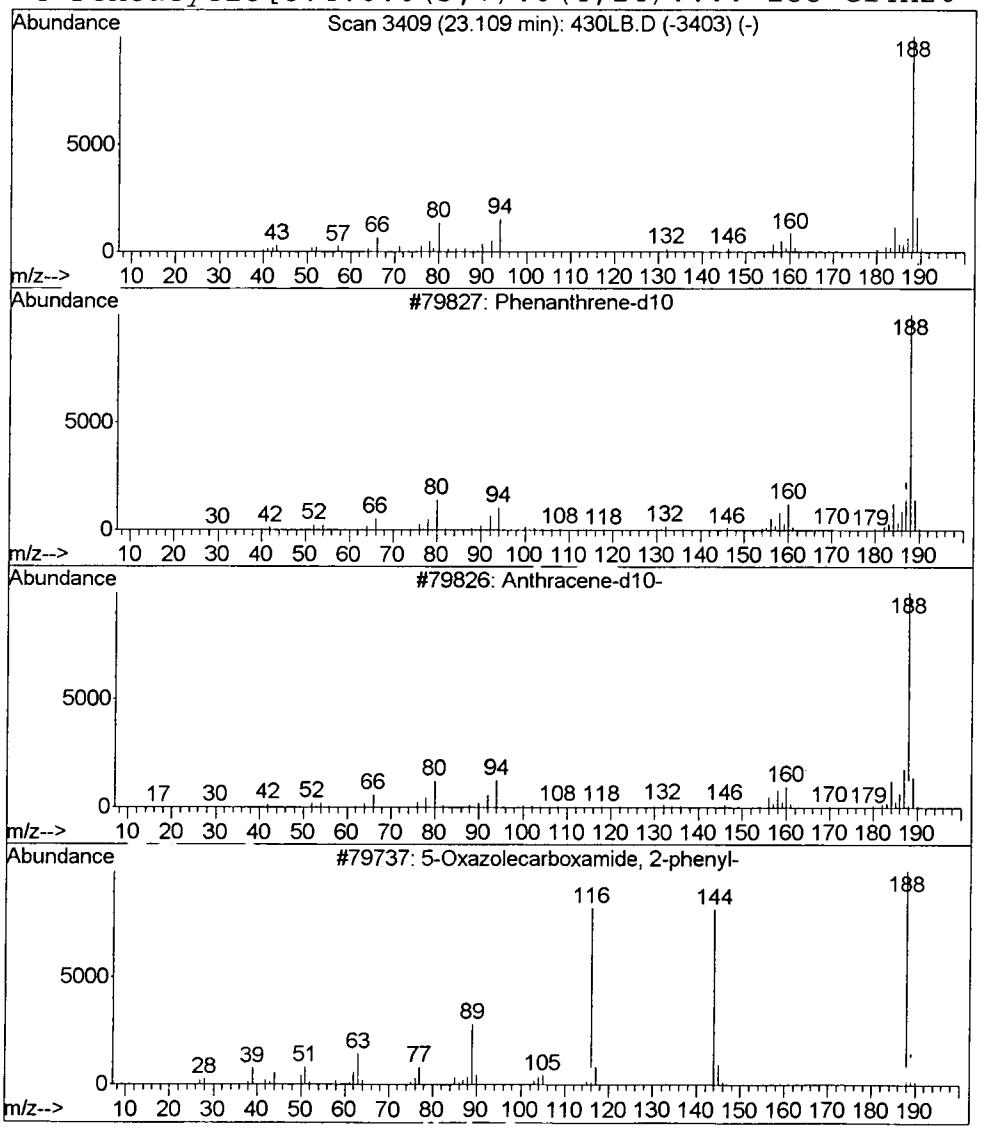
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

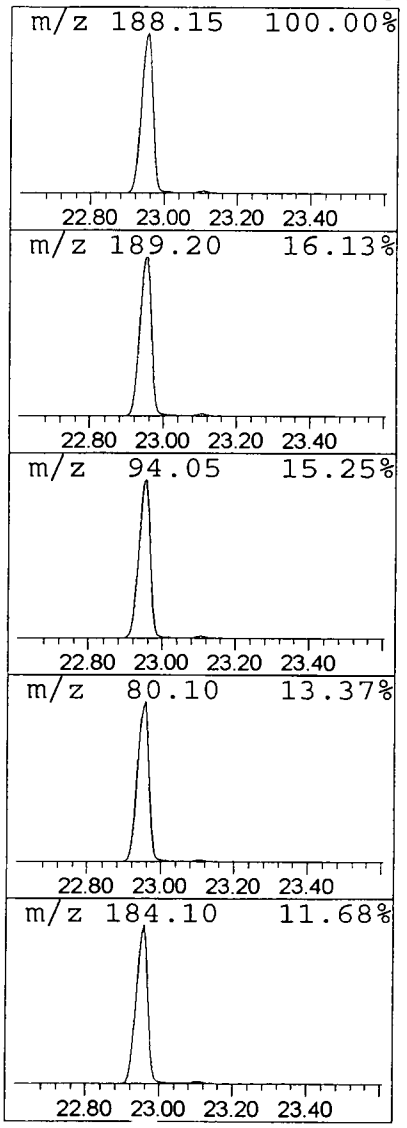
****

Peak Number 4 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.48 ug/L	781180	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	90
3	5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	47
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\050802\430LB.D Vial: 12
Acq On : 9 May 2002 12:22 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

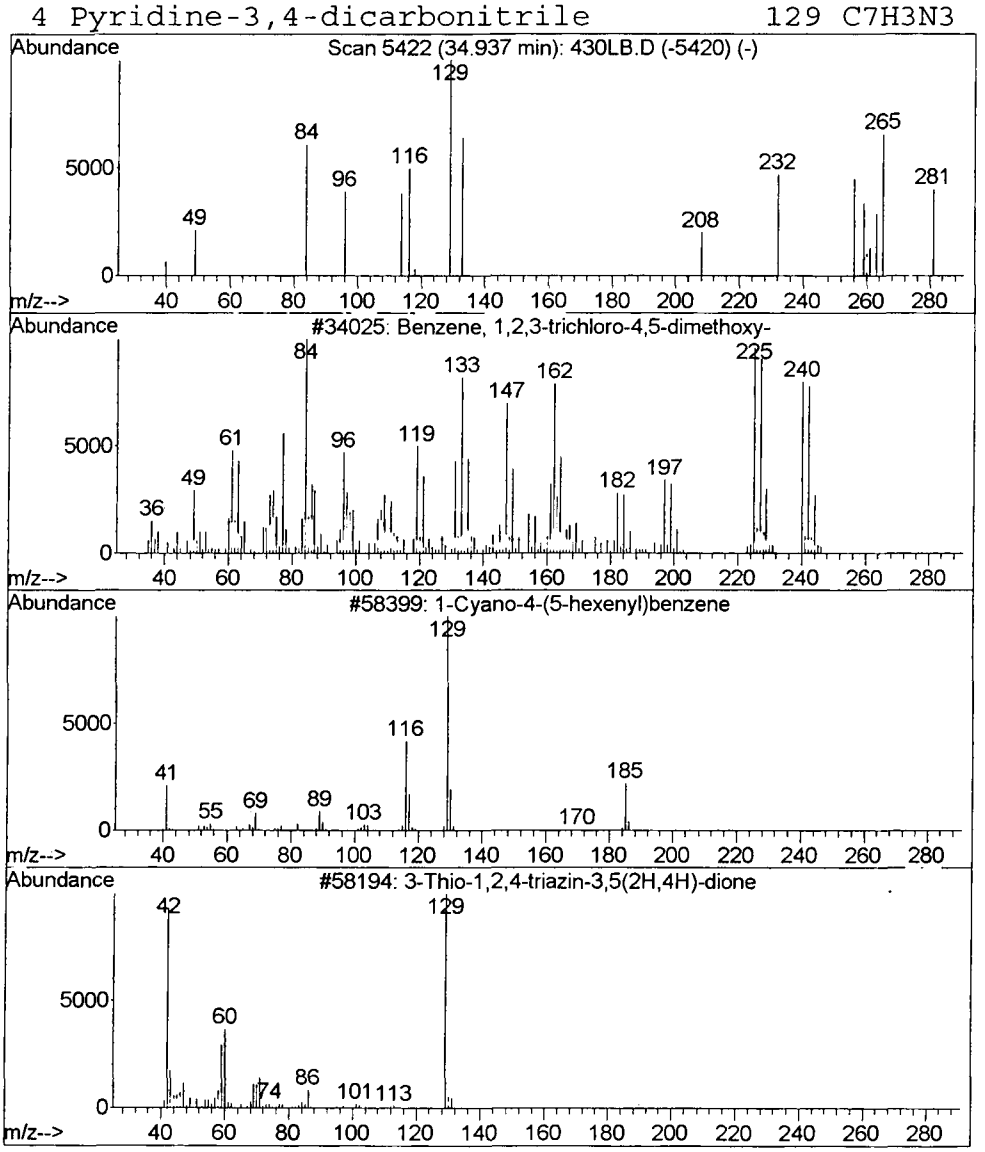
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

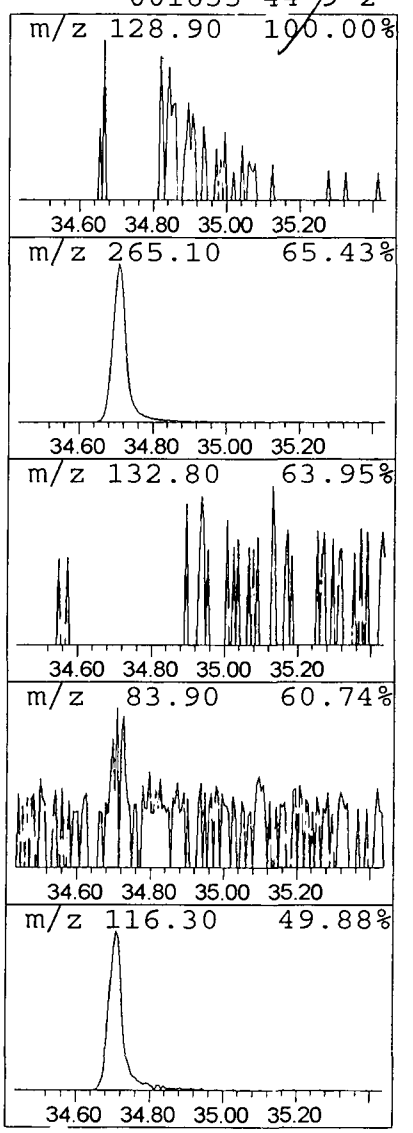
****

Peak Number 5 Benzene, 1,2,3-trichloro-4,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.94	0.36 ug/L	421354	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-4,5-dim...	240	C8H7Cl3O2	016766-29-3	9
2	1-Cyano-4-(5-hexenyl)benzene	185	C13H15N	142779-16-6	4
3	3-Thio-1,2,4-triazin-3,5(2H,4H)-...	129	C3H3N3OS	1000213-20-1	2
4	Pyridine-3,4-dicarbonitrile	129	C7H3N3	001633-44-9	2





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 9 May 2002 12:22 am
Data File: C:\MSDCHEM\1\DATA\050802\430LB.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
2-Pentanone, 4-hy...	5.98	11.7	ug/L	13607700	1	9.94	46433400	40.0
3-Oxetanol, 2,2,3...	7.73	0.2	ug/L	270677	1	9.94	46433400	40.0
2,4-Diamino-6-(hy...	22.58	0.3	ug/L	511952	4	22.96	65596900	40.0
Phenanthrene-d10	23.11	0.5	ug/L	781180	4	22.96	65596900	40.0
Benzene, 1,2,3-tr...	34.94	0.4	ug/L	421354	6	34.71	47085600	40.0