User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/13/2002 Time: 14:28:41

Sample: AE09331
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/13/02 14:11 Ended: 5/13/02 14:11 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\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 11:25:21 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	5960113	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	23525011	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12773239	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18449230	40.00	ug/L	0.00
37) Chrysene-d12	30.80	240	12579592	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7159958	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	2388568	25.03	ug/L	0.00
Spiked Amount 10.000			Recovery =	250.30%		
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	20.54	77	40049	N.D.		
30) Nnitrosodiphenylamine	20.54	169	47914	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.		

25.03/40 = 63%

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
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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

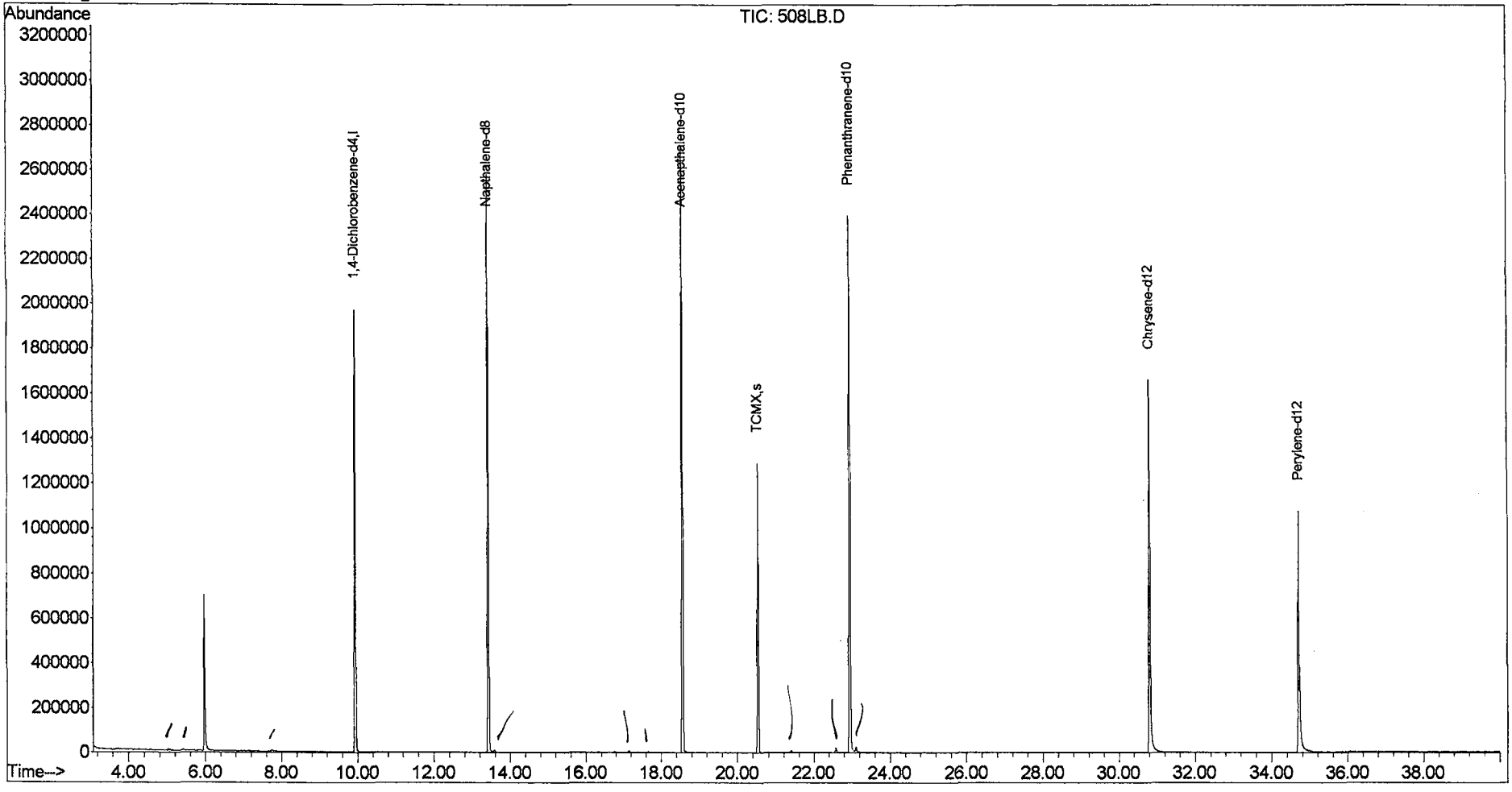
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	0.00	149	0	N.D.	
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	31294	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	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

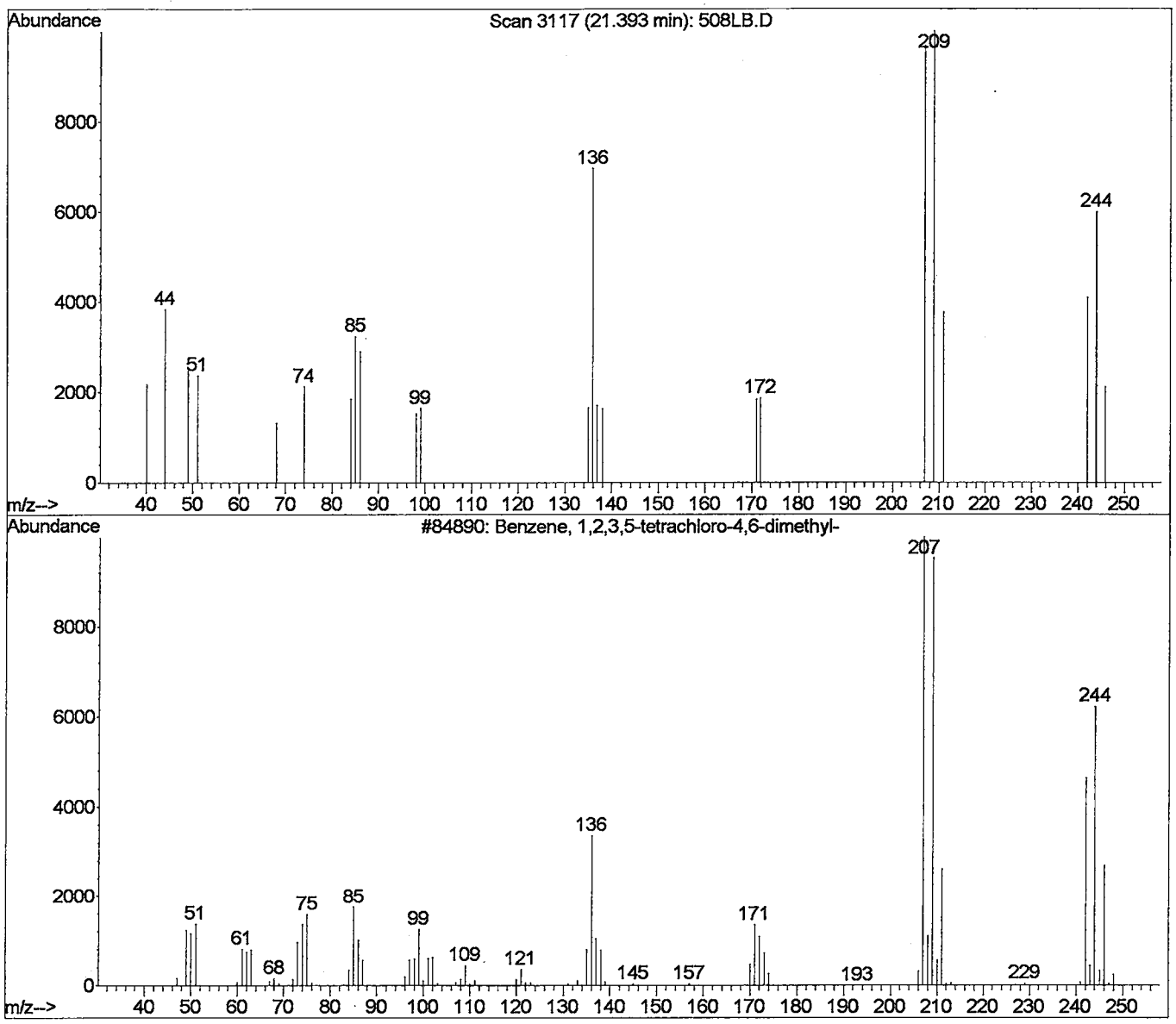
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 13 11:25 2002 Quant Results File: 050102.RES

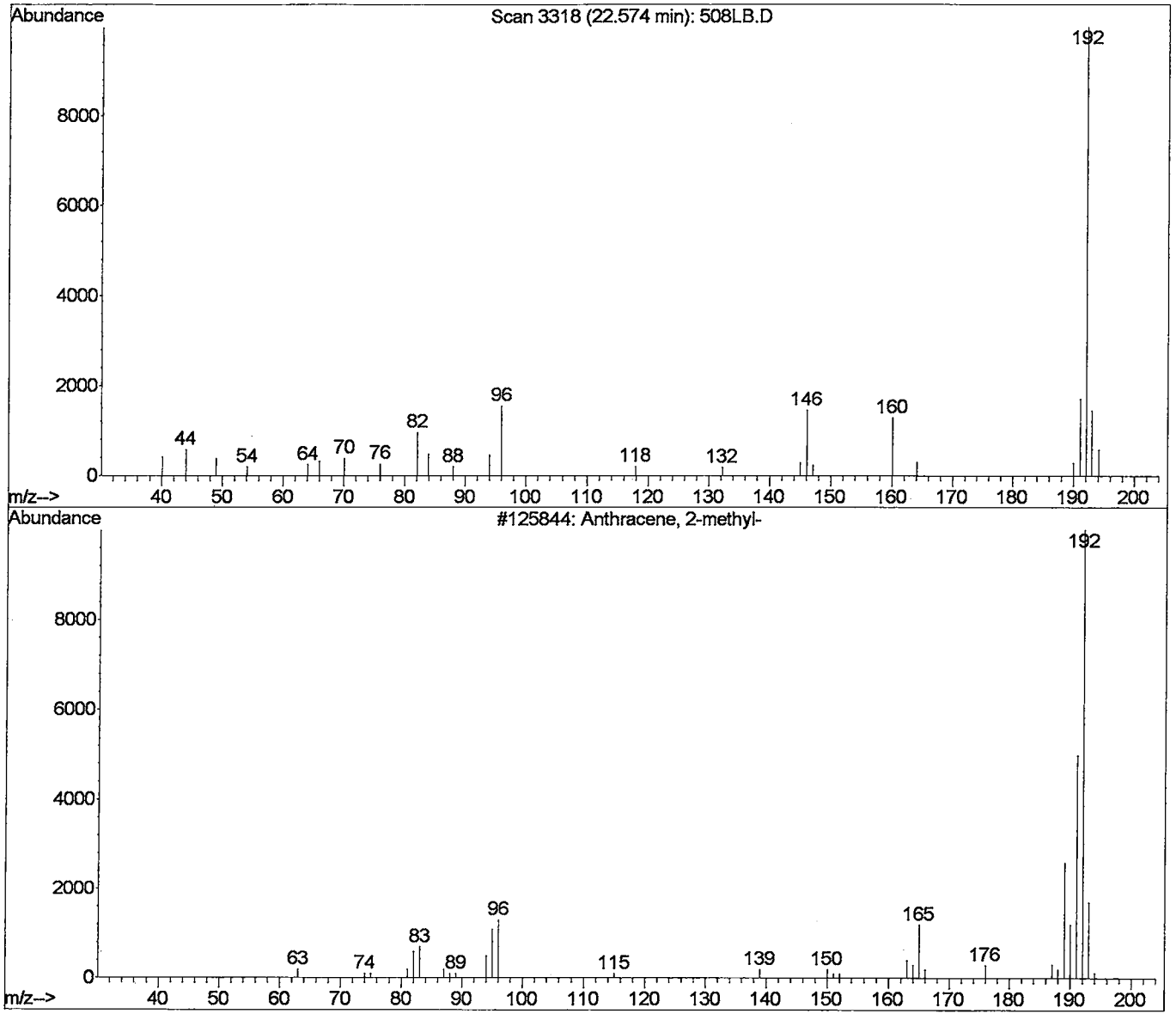
Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue May 07 09:57:23 2002
Response via : Initial Calibration



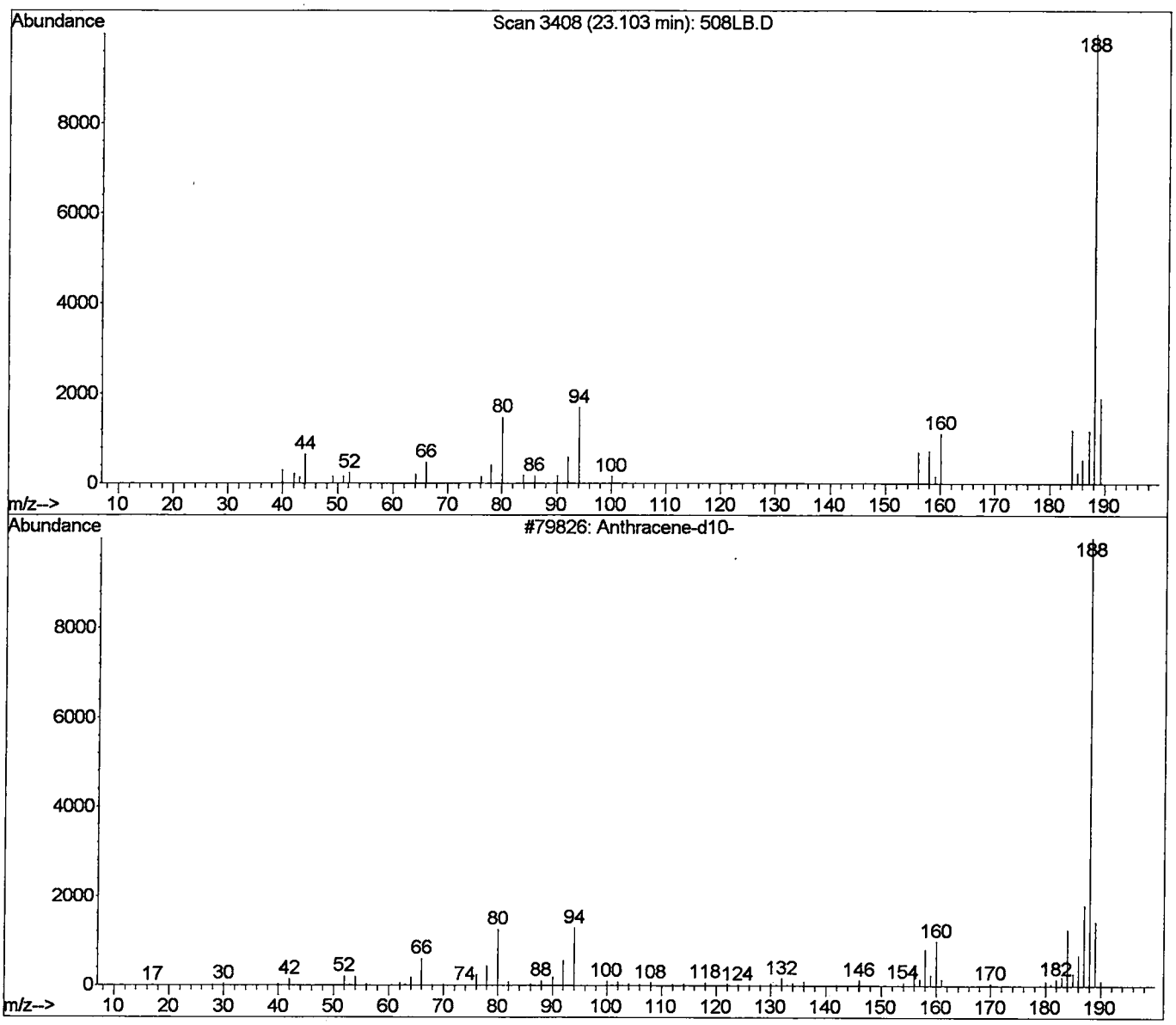
Library Searched : C:\Database\NIST98.L
Quality : 93
ID : Benzene, 1,2,3,5-tetrachloro-4,6-dimethyl-



Library Searched : C:\Database\NIST98.L
Quality : 45
ID : Anthracene, 2-methyl-



Library Searched : C:\Database\NIST98.L
Quality : 50
ID : Anthracene-d10-



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D
Acq On : 10 May 2002 3:31 am
Sample : 5/8 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

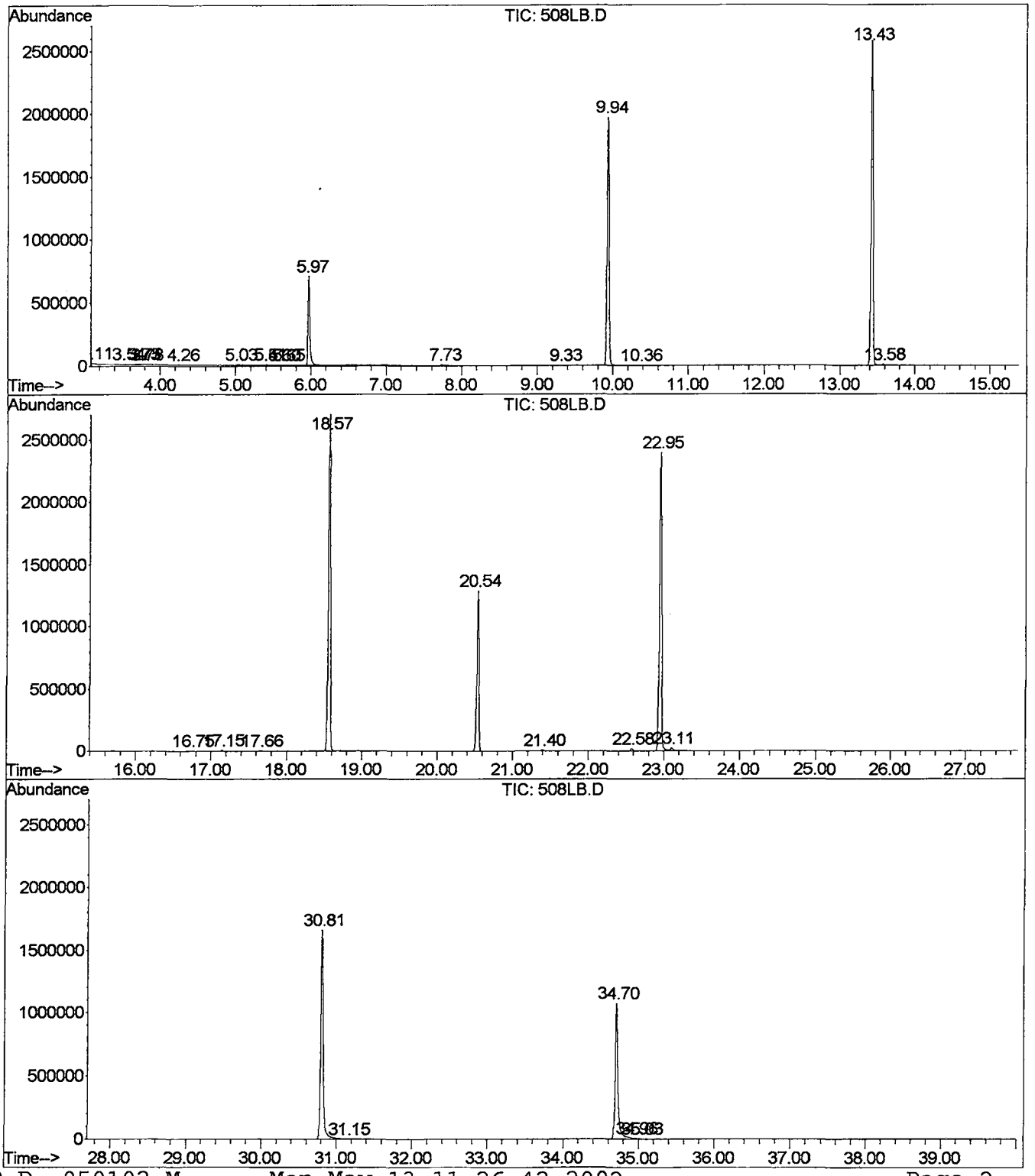
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.115	3	6	19	BV 4	3915	74637	0.14%	0.026%
2	3.538	72	78	86	PV 8	2253	33162	0.06%	0.011%
3	3.726	97	110	112	VV 7	4207	129114	0.25%	0.044%
4	3.749	112	114	117	VV 4	3491	60238	0.11%	0.021%
5	3.778	117	119	124	VV 5	3315	64970	0.12%	0.022%
6	4.260	196	201	204	VV 5	4359	64488	0.12%	0.022%
7	5.024	322	331	343	PV 6	6132	186267	0.36%	0.064%
8	5.412	393	397	412	VV 4	5420	135491	0.26%	0.046%
9	5.600	423	429	435	VV 6	1939	51145	0.10%	0.017%
10	5.653	435	438	445	VV 5	2184	56575	0.11%	0.019%
11	5.970	479	492	517	VV	688547	12115955	23.11%	4.144%
12	7.733	789	792	807	PV 5	6491	168685	0.32%	0.058%
13	9.325	1058	1063	1072	PV 6	1657	47900	0.09%	0.016%
14	9.936	1157	1167	1192	PV	1947593	36327816	69.30%	12.425%
15	10.365	1234	1240	1247	VV 5	1915	28088	0.05%	0.010%
16	13.432	1750	1762	1782	PV	2593790	48455129	92.44%	16.572%
17	13.579	1782	1787	1794	VV 2	8494	158270	0.30%	0.054%
18	16.746	2319	2326	2336	PV	4266	74738	0.14%	0.026%
19	17.151	2386	2395	2400	PV 5	7330	115529	0.22%	0.040%
20	17.662	2477	2482	2489	VV 3	3480	54887	0.10%	0.019%
21	18.567	2626	2636	2660	BV	2664180	52417372	100.00%	17.927%
22	20.542	2959	2972	2983	PV	1268491	23903011	45.60%	8.175%
23	21.399	3109	3118	3124	PV 4	8007	148962	0.28%	0.051%
24	22.580	3308	3319	3330	PV 2	19566	375159	0.72%	0.128%
25	22.956	3369	3383	3402	PV 2	2376150	50664208	96.66%	17.328%
26	23.109	3402	3409	3424	VV	22949	574483	1.10%	0.196%
27	30.806	4708	4719	4776	PV 2	1660127	39272053	74.92%	13.431%
28	31.153	4776	4778	4784	VV 5	669	8914	0.02%	0.003%
29	34.702	5371	5382	5422	PV 2	1057111	26371801	50.31%	9.019%
30	34.960	5422	5426	5436	VV 6	6017	209844	0.40%	0.072%
31	35.031	5436	5438	5448	VV 5	2123	39179	0.07%	0.013%

Sum of corrected areas: 292388067

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050902\508LB.D
Operator : Mclean
Acquired : 10 May 2002 3:31 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/8 eh
Misc Info :
Vial Number: 15
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

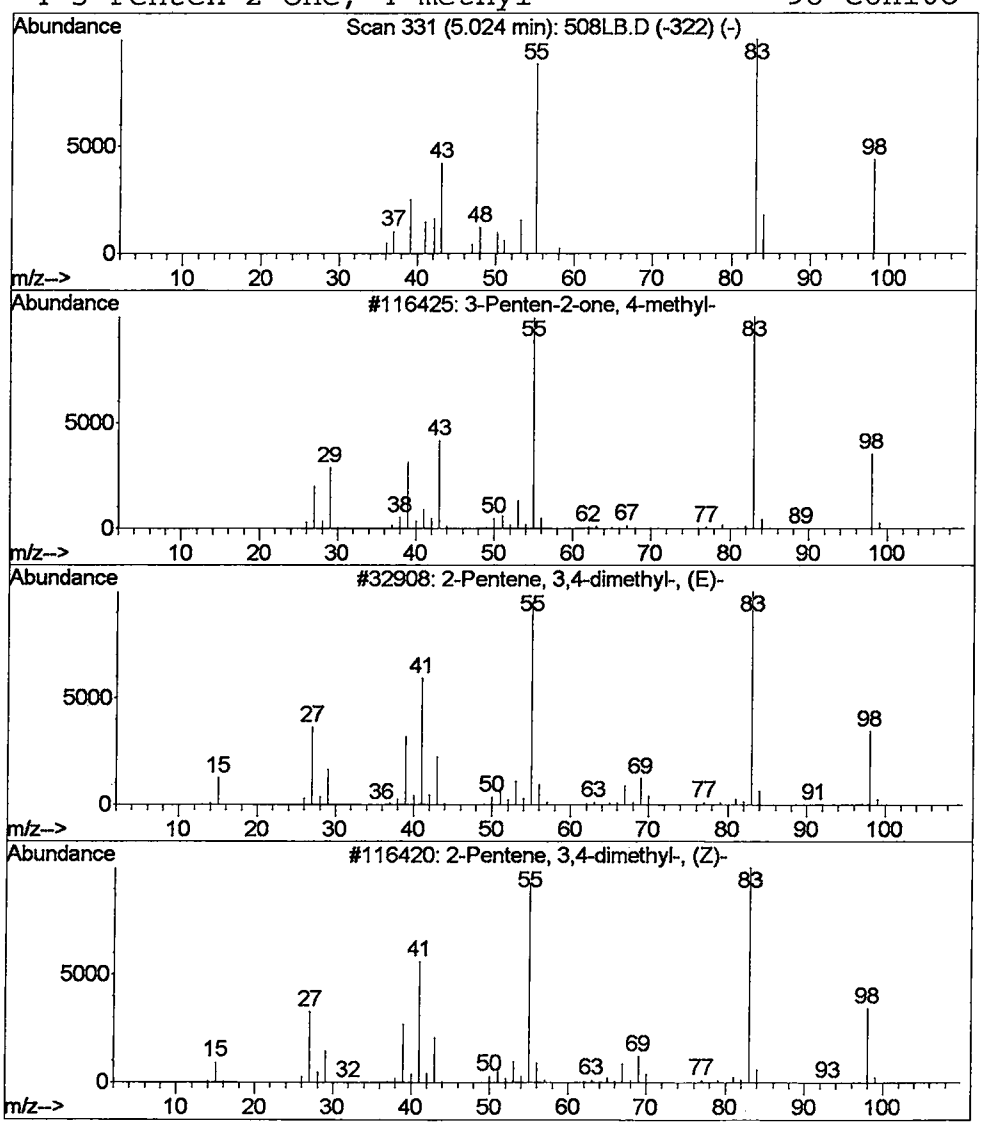
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

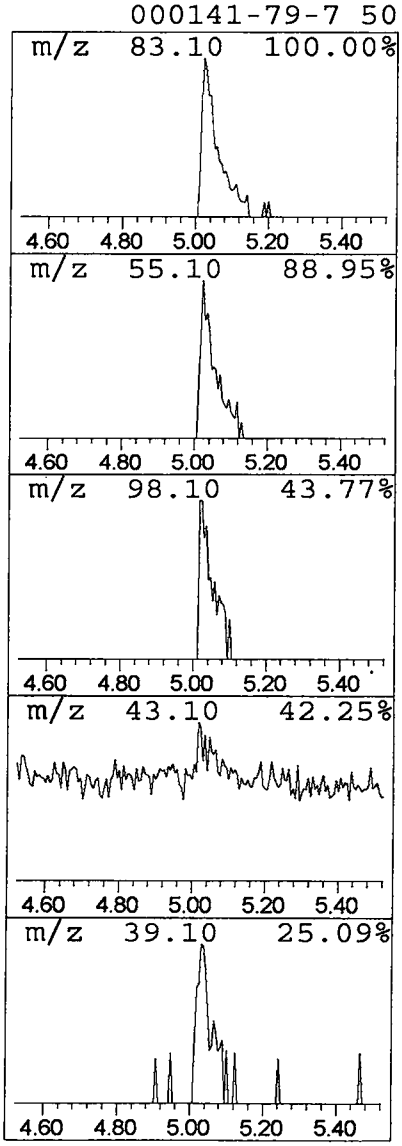
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.21 ug/L	186267	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	53
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	52
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	52
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

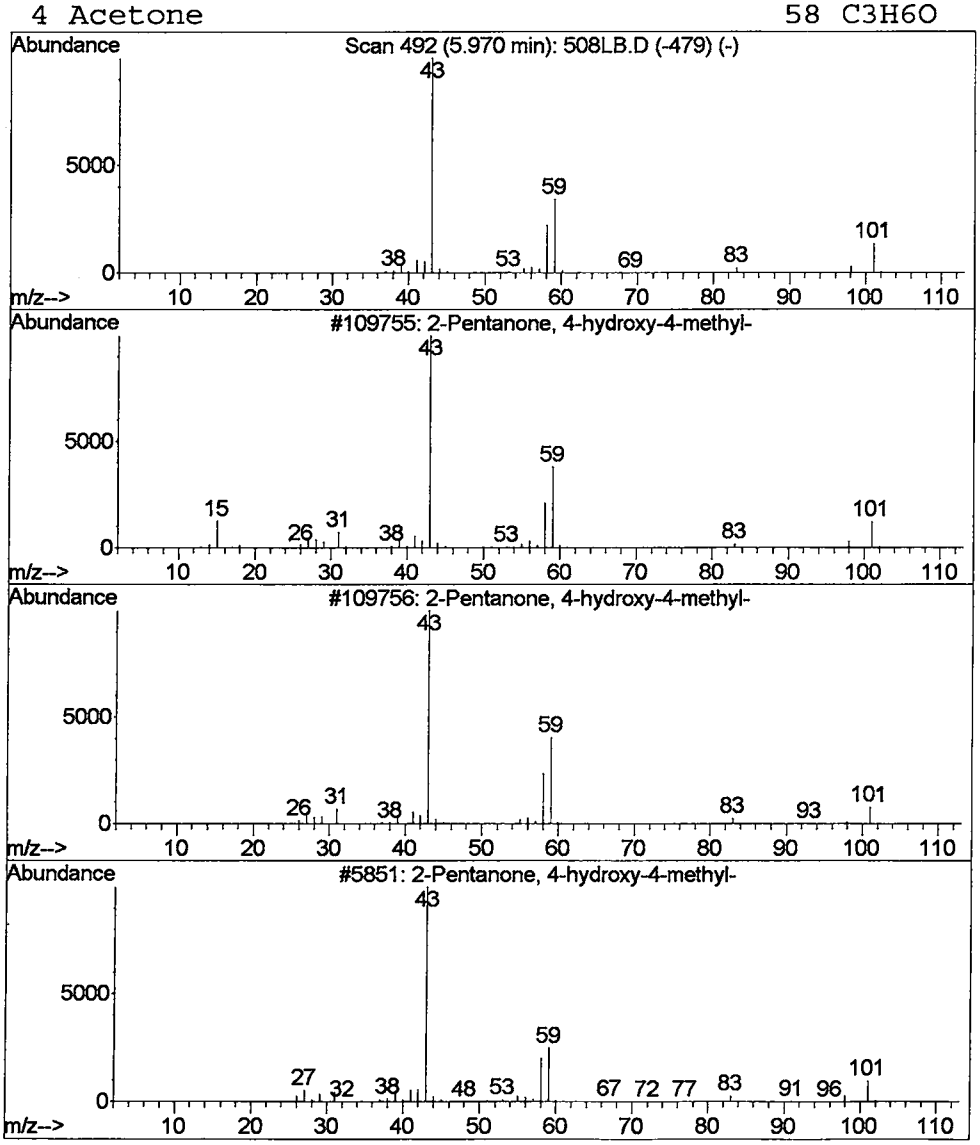
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

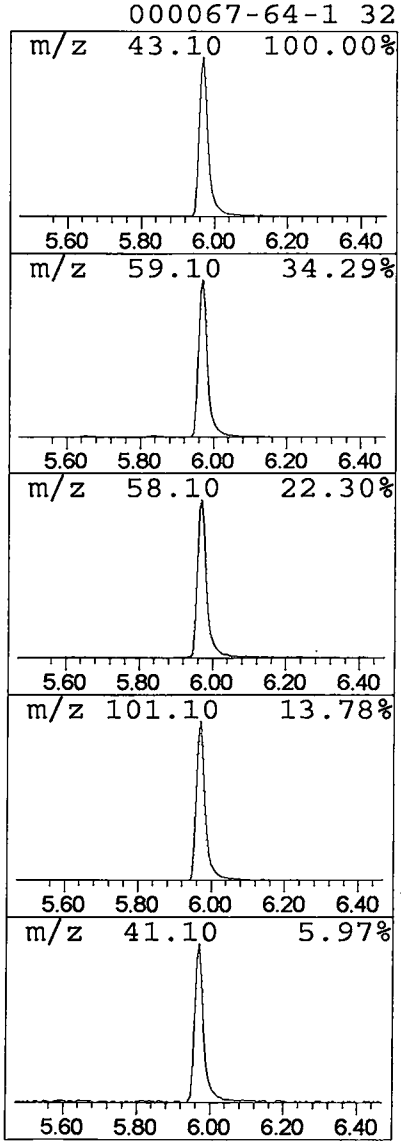
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	13.34 ug/L	12116000	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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetone	58	C3H6O	000067-64-1	32





Library Search Compound Report

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Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

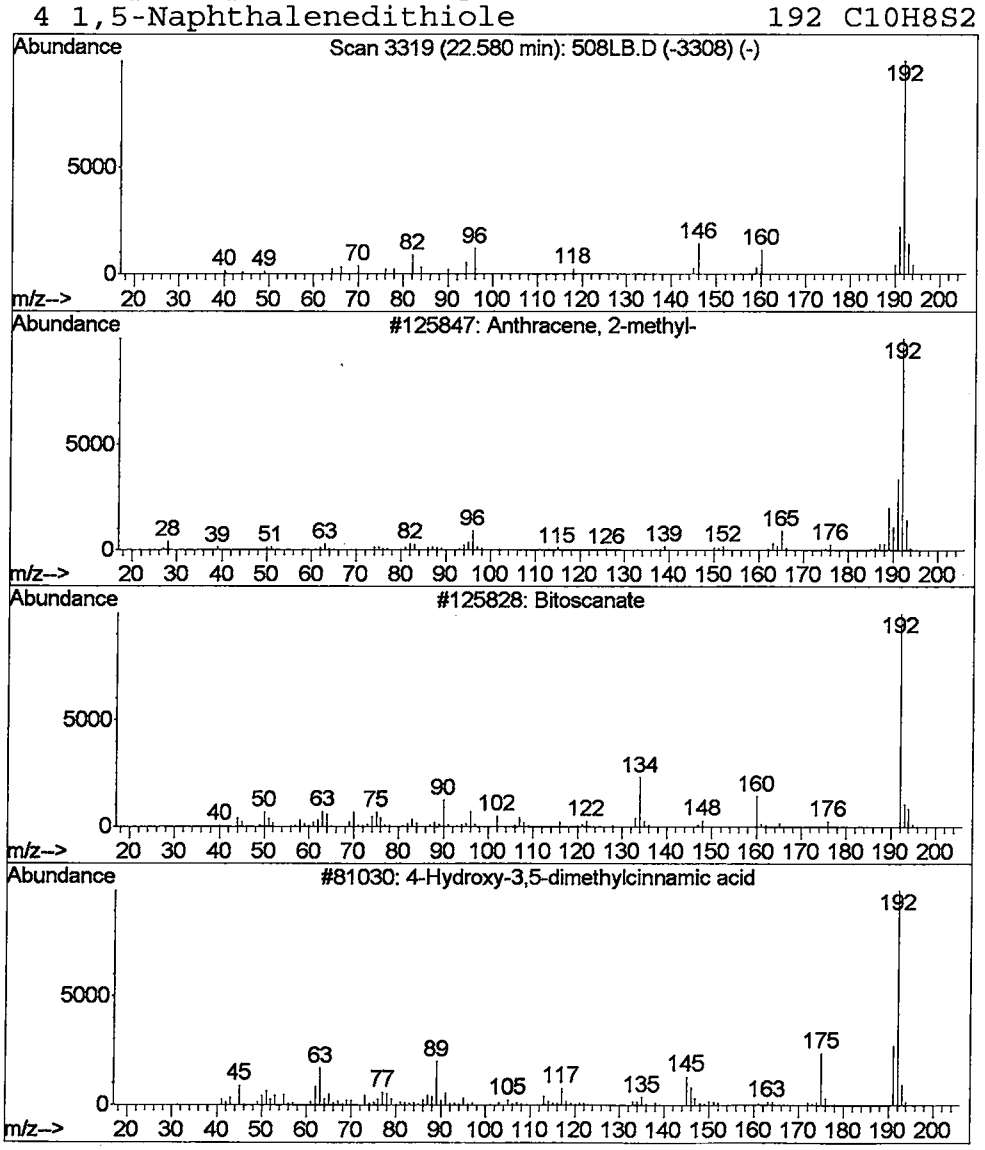
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

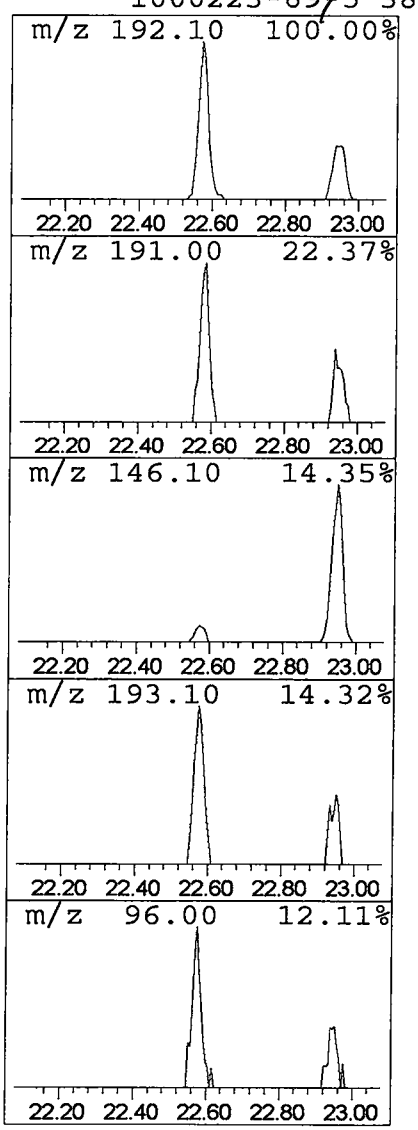
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.30 ug/L	375159	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2	Bitoscanate	192	C8H4N2S2	004044-65-9	40
3	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	38
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

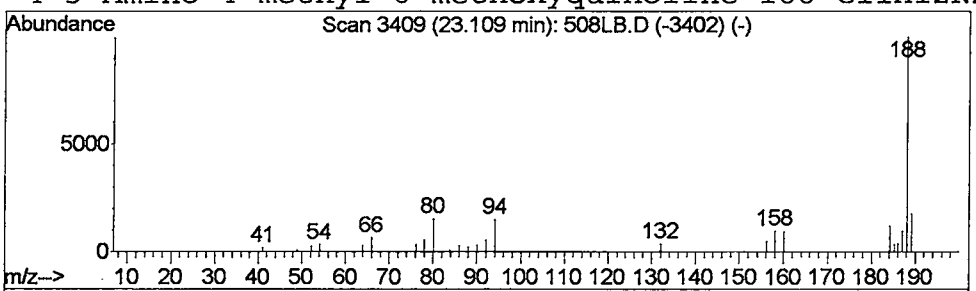
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

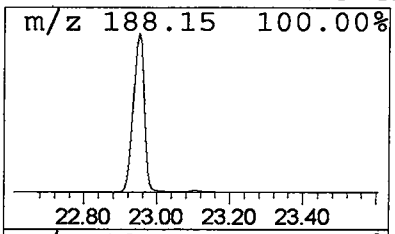
****

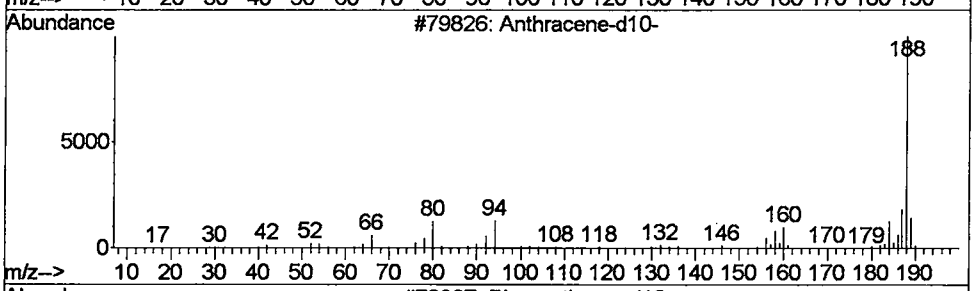
Peak Number 4 Anthracene-d10- Concentration Rank 2

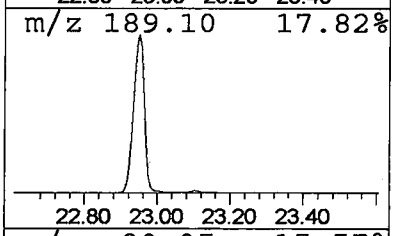
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.45 ug/L	574483	Phenanthranene-d10	22.95

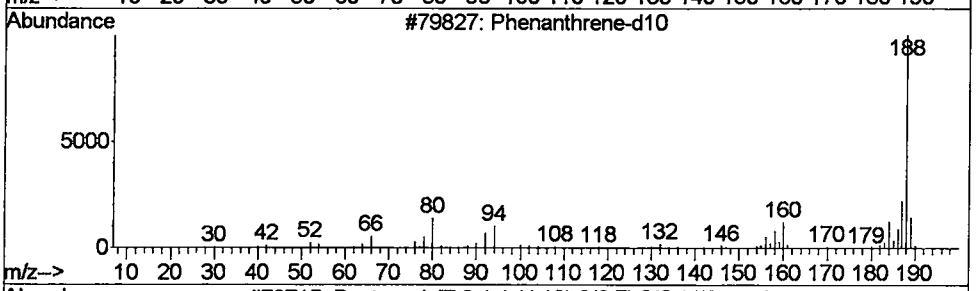
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	87
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	42
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42

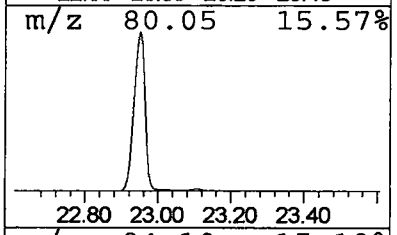


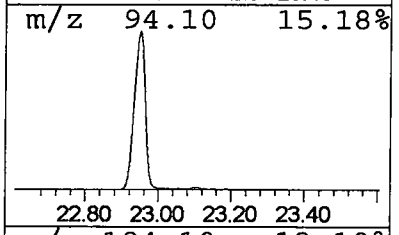


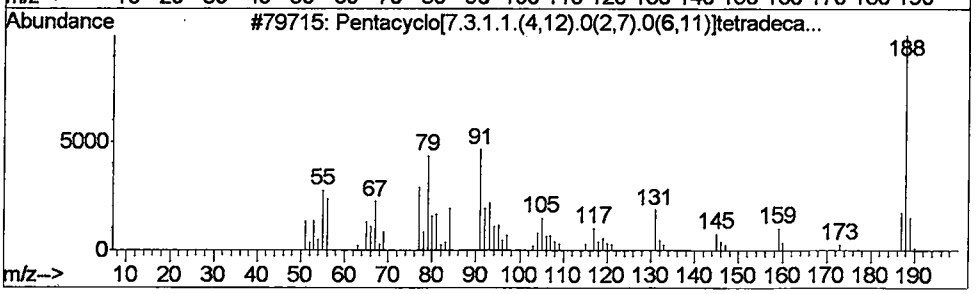


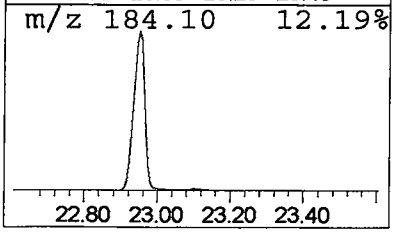












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050902\508LB.D Vial: 15
Acq On : 10 May 2002 3:31 am Operator: Mclean
Sample : 5/8 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

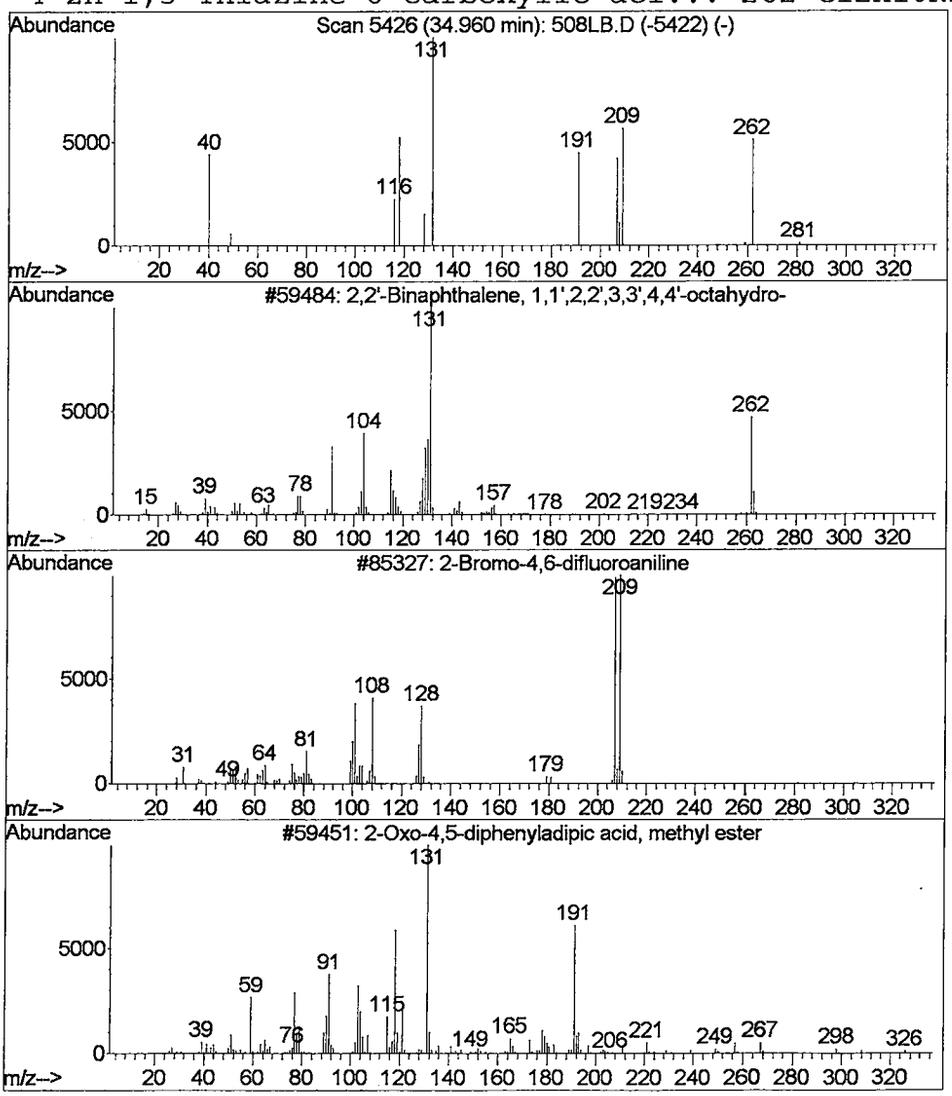
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

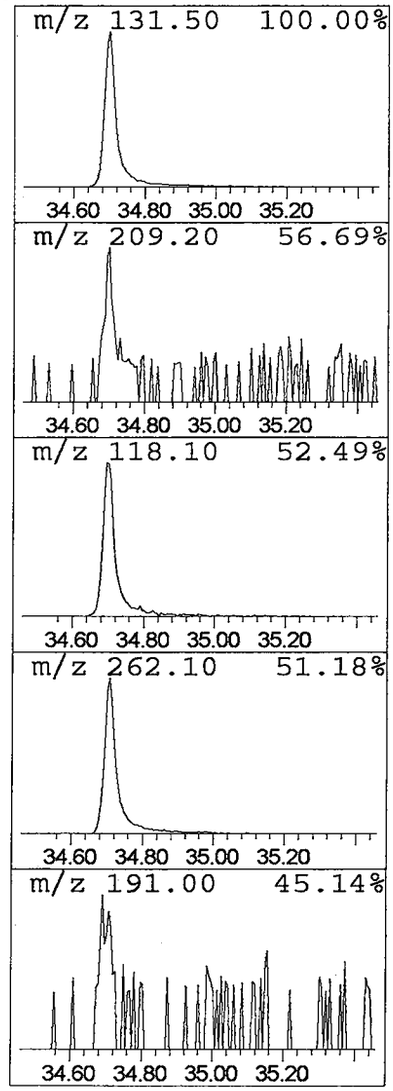
****

Peak Number 5 2,2'-Binaphthalene, 1,1',2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.96	0.32 ug/L	209844	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene, 1,1',2,2',3,...	262	C20H22	027426-98-8	9
2	2-Bromo-4,6-difluoroaniline	207	C6H4BrF2N	000444-14-4	9
3	2-Oxo-4,5-diphenyladipic acid, m...	326	C19H18O5	1000200-98-5	9
4	2H-1,3-Thiazine-6-carboxylic aci...	262	C12H10N2O3S	016238-38-3	7





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 10 May 2002 3:31 am
Data File: C:\MSDCHEM\1\DATA\050902\508LB.D
Name: 5/8 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
3-Penten-2-one, 4...	5.03	0.2	ug/L	186267	1	9.94	36327800	40.0
2-Pentanone, 4-hy...	5.97	13.3	ug/L	12116000	1	9.94	36327800	40.0
Anthracene, 2-met...	22.58	0.3	ug/L	375159	4	22.95	50664200	40.0
Anthracene-d10-	23.11	0.5	ug/L	574483	4	22.95	50664200	40.0
2,2'-Binaphthalen...	34.96	0.3	ug/L	209844	6	34.70	26371800	40.0