User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 09:49:58

Sample: AE08482
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 4/10/02 09:47 Ended: 4/19/02 09:47 Analyst: MN
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\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 19 11:51:42 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 18 14:45:38 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

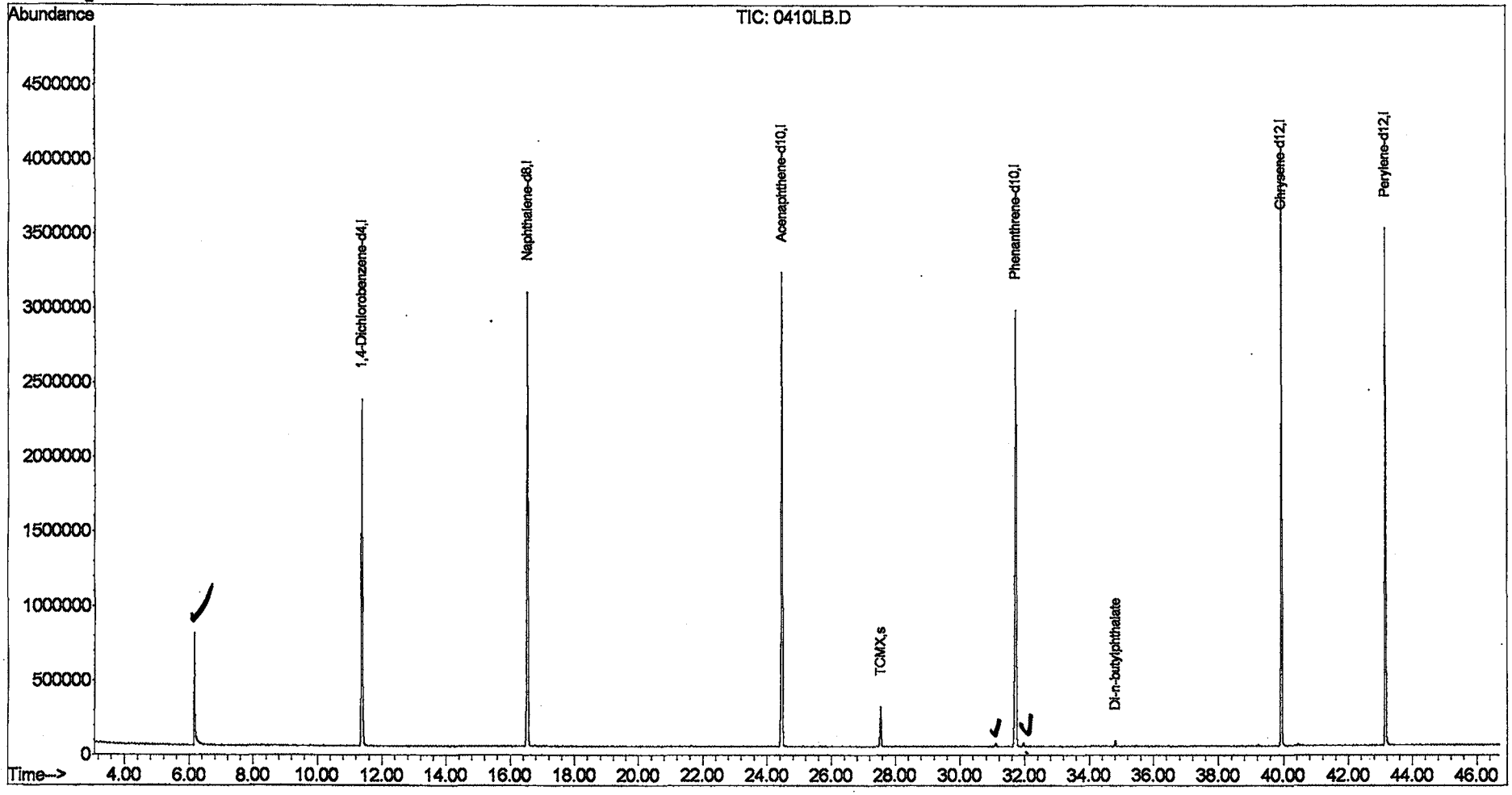
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	11174015	40.00	ug/l	-0.03
10) Naphthalene-d8	16.54	136	43255413	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	23417239	40.00	ug/l	-0.04
31) Phenanthrene-d10	31.72	188	35003563	40.00	ug/l	-0.04
39) Chrysene-d12	39.94	240	27144235	40.00	ug/l	-0.04
45) Perylene-d12	43.16	264	20188670	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	27.54	207	845047	5.81	ug/l	-0.05
Spiked Amount 10.000			Recovery = 58.10%			
Target Compounds						Qvalue
36) Di-n-butylphthalate	34.81	149	490228	0.40	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
0410LB.D SCAN020418.M Mon Apr 22 15:32:12 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 19 11:52 2002 Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0.01 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

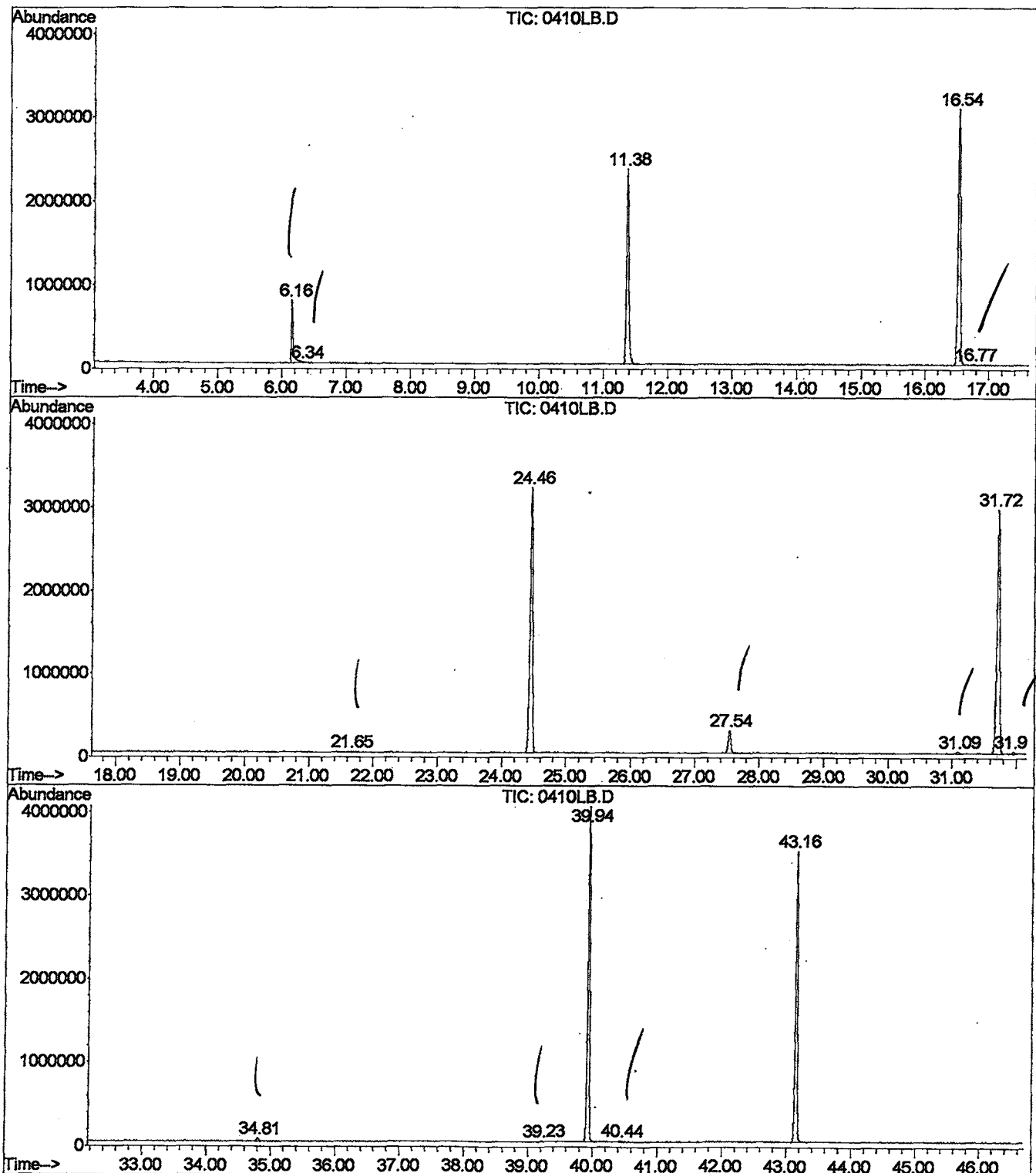
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY		peak height	corr. area	corr. % max.	% of total
1	6.158	518	524	553	PV		750270	14532236	16.36%	2.969%
2	6.340	553	555	565	VV		10470	232842	0.26%	0.048%
3	11.375	1393	1412	1431	PV		2281960	56930824	64.09%	11.630%
4	16.534	2273	2290	2306	PV		3013360	79433456	89.43%	16.227%
5	16.769	2318	2330	2341	VV	2	9403	306342	0.34%	0.063%
6	21.646	3150	3160	3167	PV	3	5658	156930	0.18%	0.032%
7	24.460	3620	3639	3656	PV		3165389	88824721	100.00%	18.146%
8	27.539	4150	4163	4185	PV	3	269535	7485139	8.43%	1.529%
9	31.094	4761	4768	4780	VV	3	21476	655977	0.74%	0.134%
10	31.722	4850	4875	4890	PV	2	2920156	88273299	99.38%	18.033%
11	31.957	4903	4915	4925	VV	3	23471	679106	0.76%	0.139%
12	34.807	5391	5400	5411	PV		37633	807940	0.91%	0.165%
13	39.231	6138	6153	6159	PV	2	12179	299703	0.34%	0.061%
14	39.936	6259	6273	6293	PV	2	3994740	79780986	89.82%	16.298%
15	40.436	6352	6358	6369	PV	2	13637	280741	0.32%	0.057%
16	43.156	6809	6821	6840	PV	2	3407584	70829743	79.74%	14.470%

Sum of corrected areas: 489509984

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\0410LB.D
Operator : Nefliu
Acquired : 19 Apr 2002 11:03 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 04/10 lab blk
Misc Info :
Vial Number: 4
Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

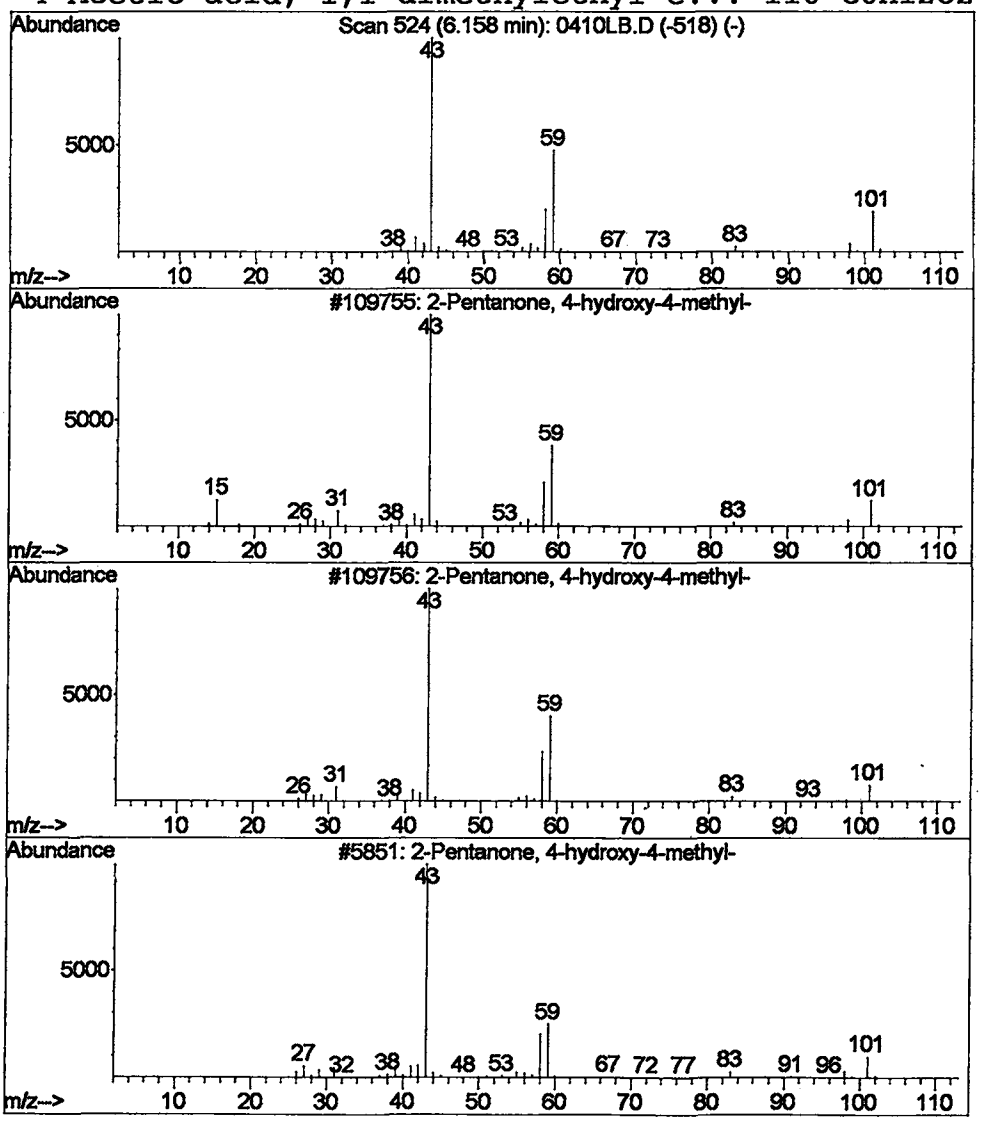
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

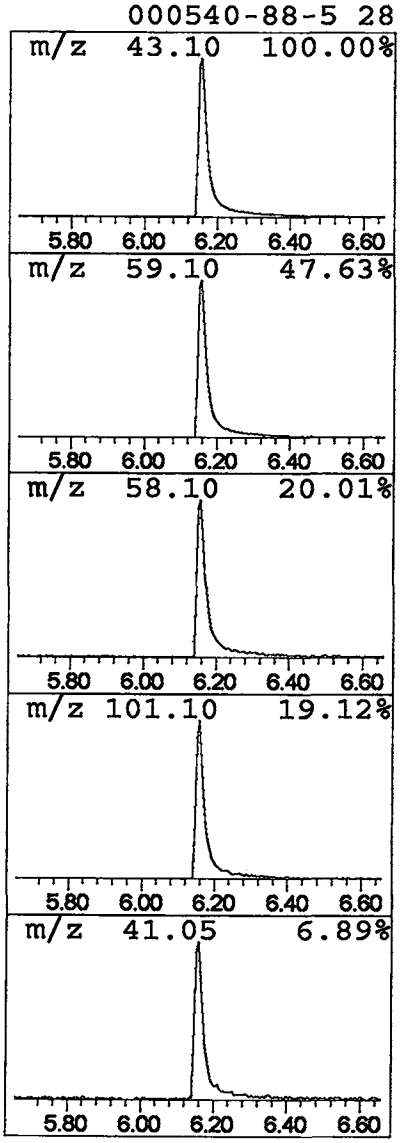
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	10.21 ug/l	14532200	1,4-Dichlorobenzene-d4	11.38

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	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

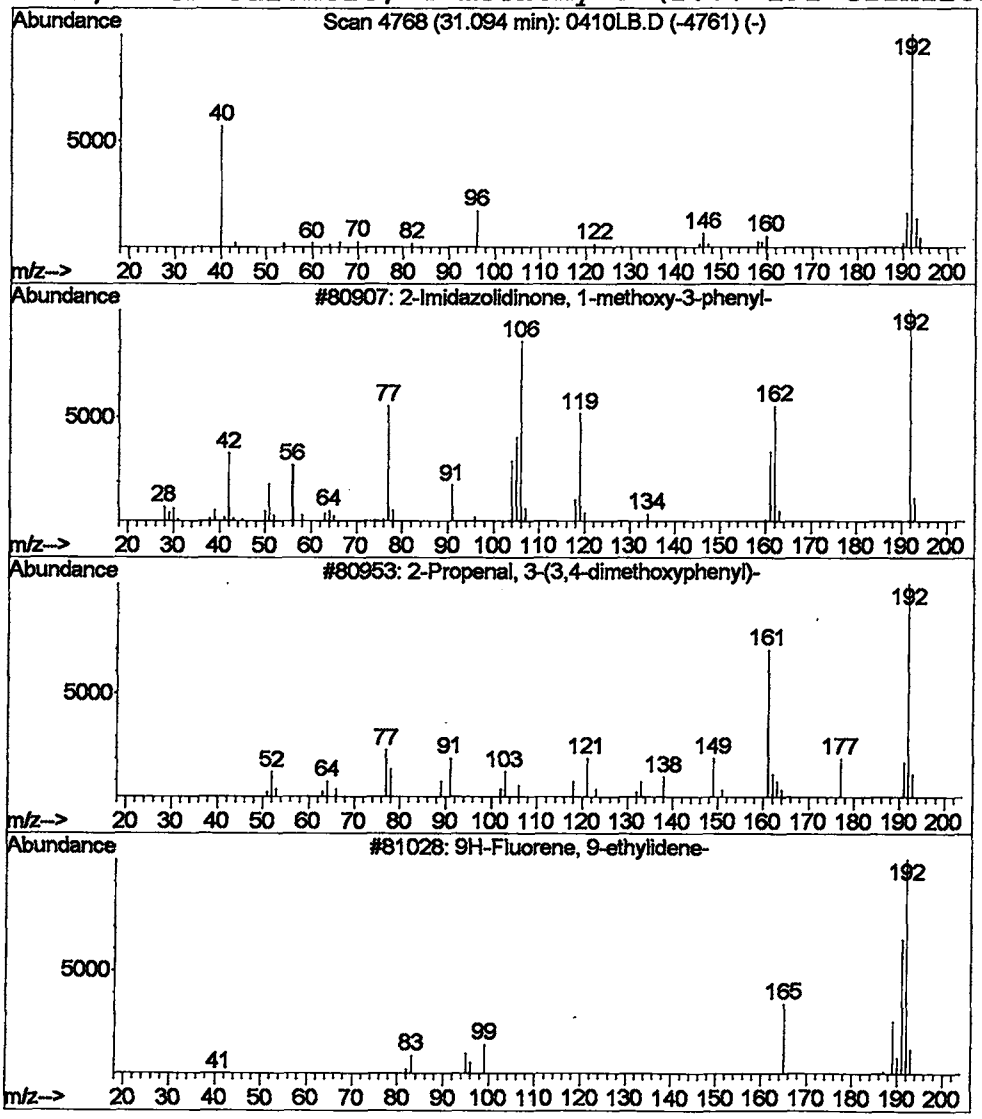
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

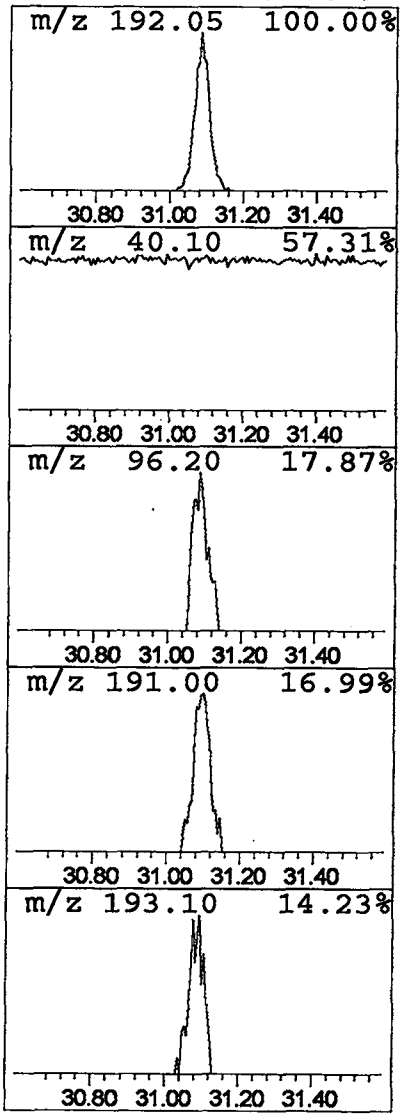
****

Peak Number 2 2-Imidazolidinone, 1-methox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	655977	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	40
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	39
3	9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	9
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\0410LB.D Vial: 4
Acq On : 19 Apr 2002 11:03 am Operator: Nefliu
Sample : 04/10 lab blk Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

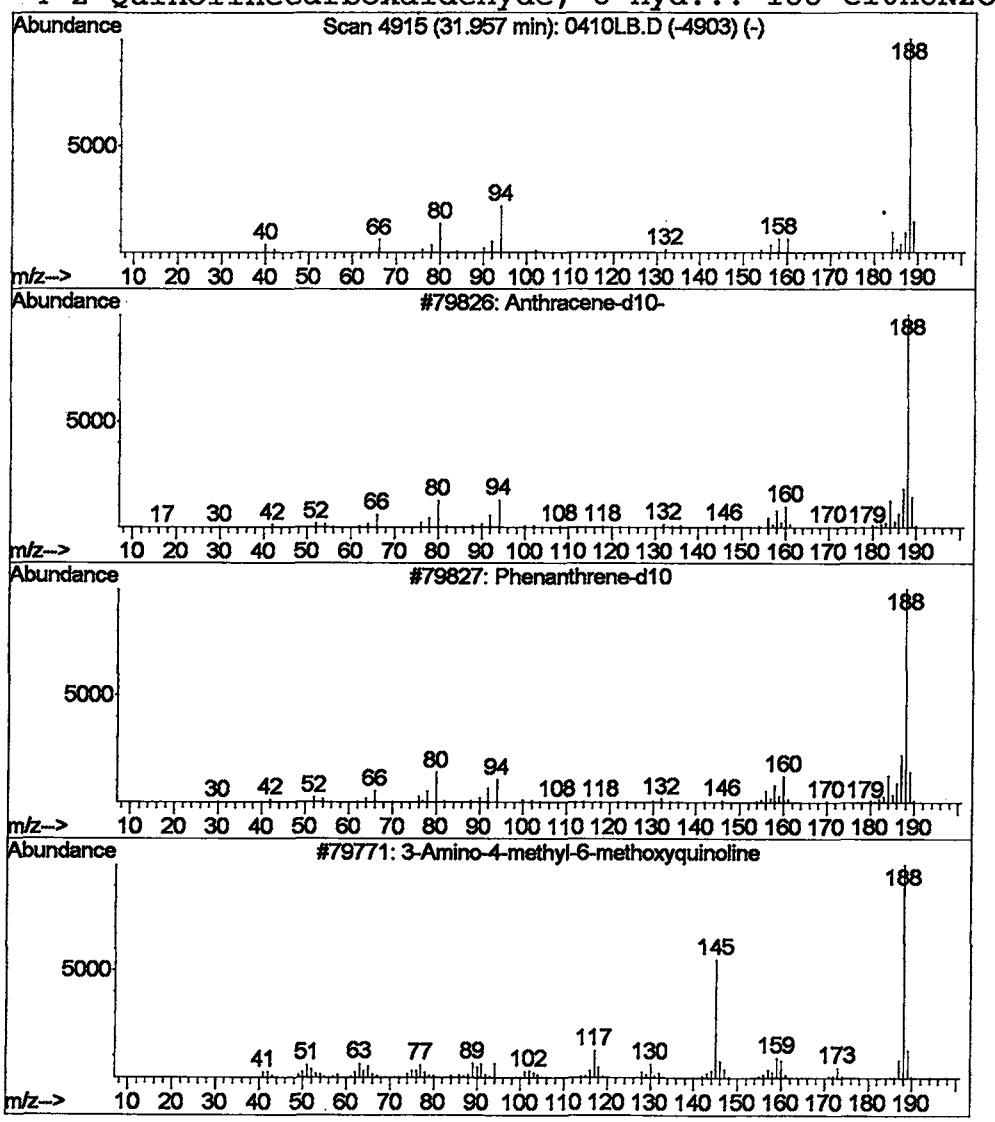
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

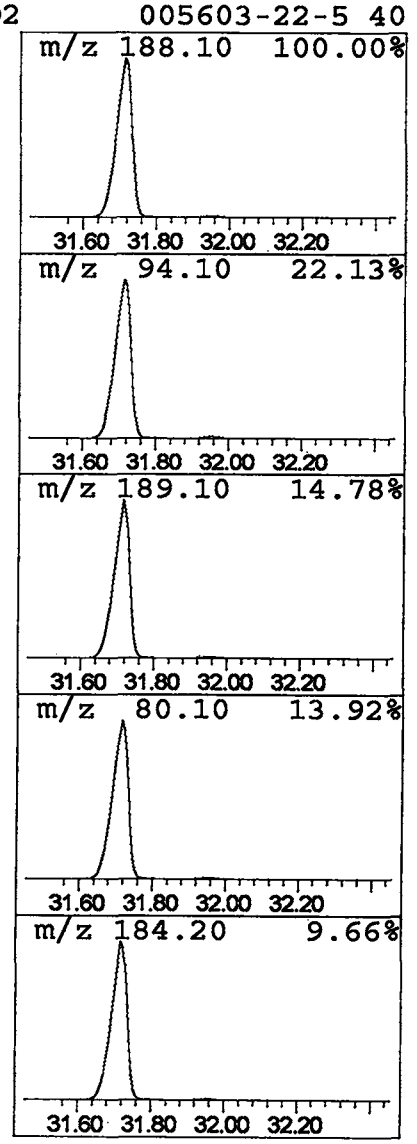
****

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.31 ug/l	679106	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	~~Anthracene-d10~~-	188	C14D10	001719-06-8	50
√2	Phenanthrene-d10	188	C14D10	001517-22-2	47
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 11:03 am
Data File: C:\MSDCHEM\1\DATA\020419\0410LB.D
Name: 04/10 lab blk
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title: Method 508 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...	6.16	10.2	ug/l	14532200	1	11.38	56930800	40.0
~~2-~~Imidazolidinone...	31.09	0.3	ug/l	655977	4	31.72	88273300	40.0
~~Anthracene-d10~~ Phenanthrene-d10	31.96	0.3	ug/l	679106	4	31.72	88273300	40.0