User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 13:59:34

Sample: AE10812
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/17/02 13:47 Ended: 5/21/02 13:47 Analyst: MN
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\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 09:14:23 2002 Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

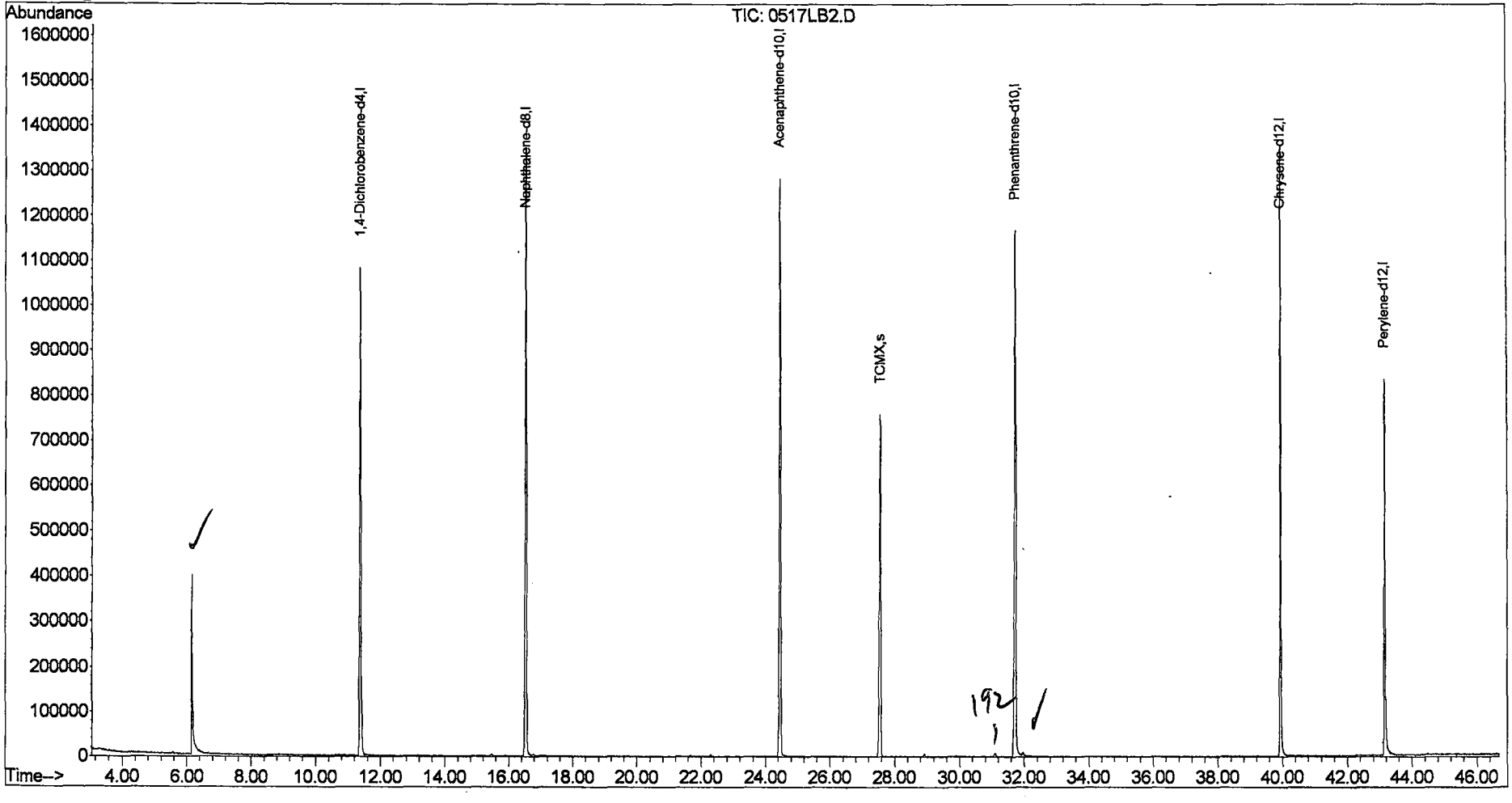
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	408473	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1524065	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	798658	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.72	188	1301649	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	861473	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	503284	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.55	207	205045	32.01	ug/l	-0.04
Spiked Amount 40.000			Recovery = 80.02%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 24 9:15 2002 Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Tue May 21 08:15:50 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

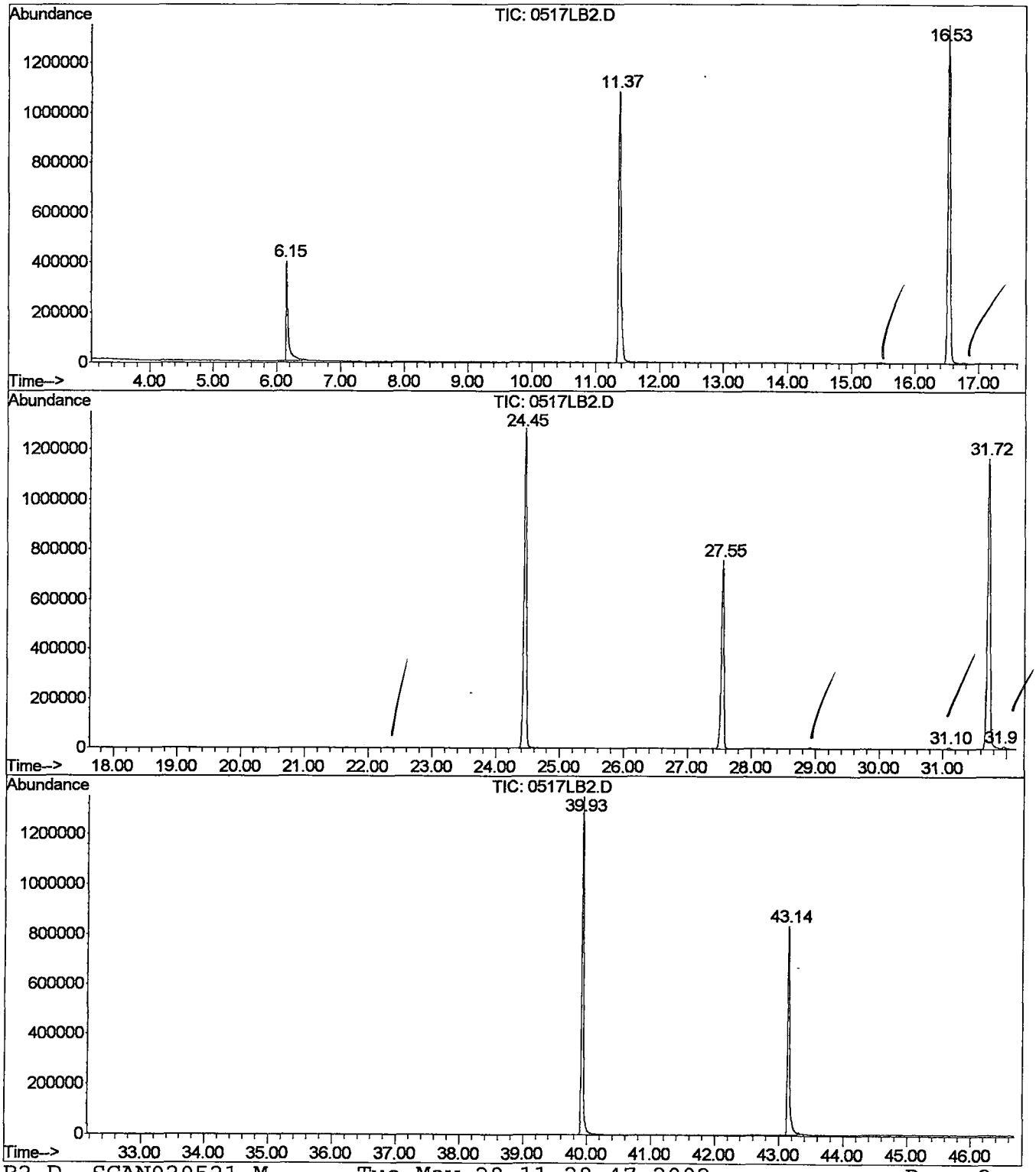
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	564	rBV	398302	858751	23.41%	4.071%
2	11.370	1396	1411	1435	rBV	1083444	2825972	77.05%	13.396%
3	16.534	2274	2290	2311	rBV	1352044	3526067	96.14%	16.715%
4	24.454	3621	3638	3660	rBV2	1283655	3591620	97.93%	17.026%
5	27.551	4146	4165	4183	rBV2	759072	2132110	58.13%	10.107%
6	31.100	4758	4769	4774	rBV5	7694	20882	0.57%	0.099%
7	31.717	4856	4874	4906	rBV2	1167563	3667577	100.00%	17.386%
8	31.958	4908	4915	4923	rVB6	7990	24171	0.66%	0.115%
9	39.931	6262	6272	6297	rBV	1348996	2644511	72.11%	12.536%
10	43.145	6809	6819	6843	rBV2	834062	1803461	49.17%	8.549%

Sum of corrected areas: 21095122

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\0517LB2.D
Operator : Nefliu
Acquired : 21 May 2002 11:22 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 05/17 lab blk ad
Misc Info :
Vial Number: 4
Quant File :SCAN020521.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

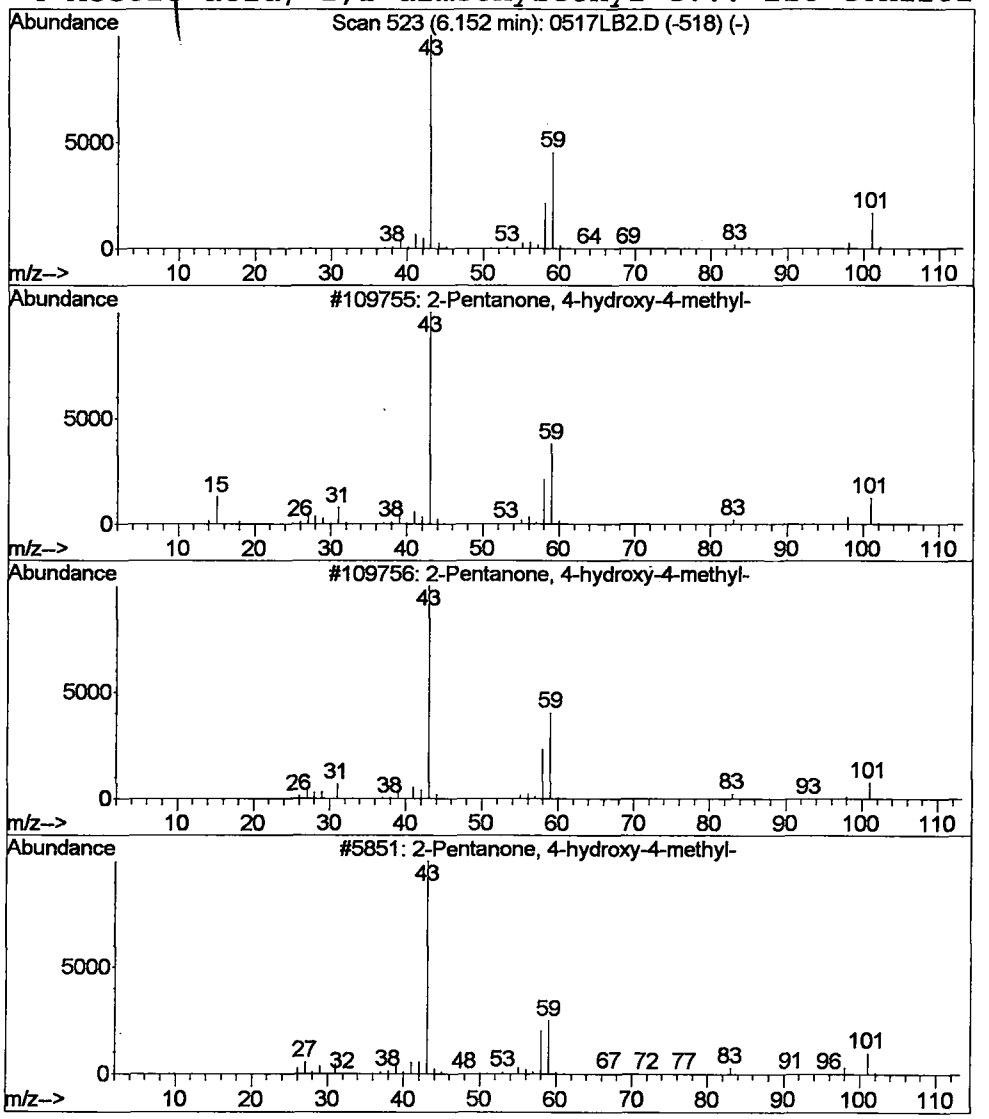
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

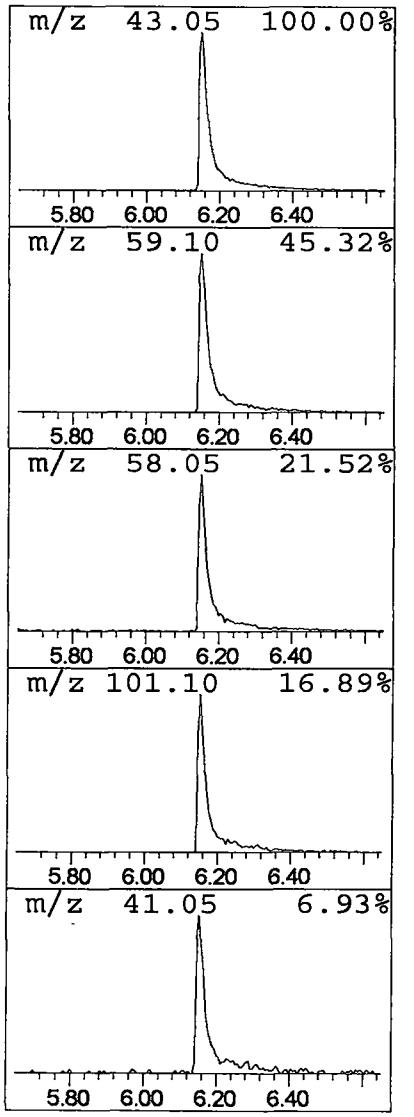
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.16 ug/l	858751	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	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	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

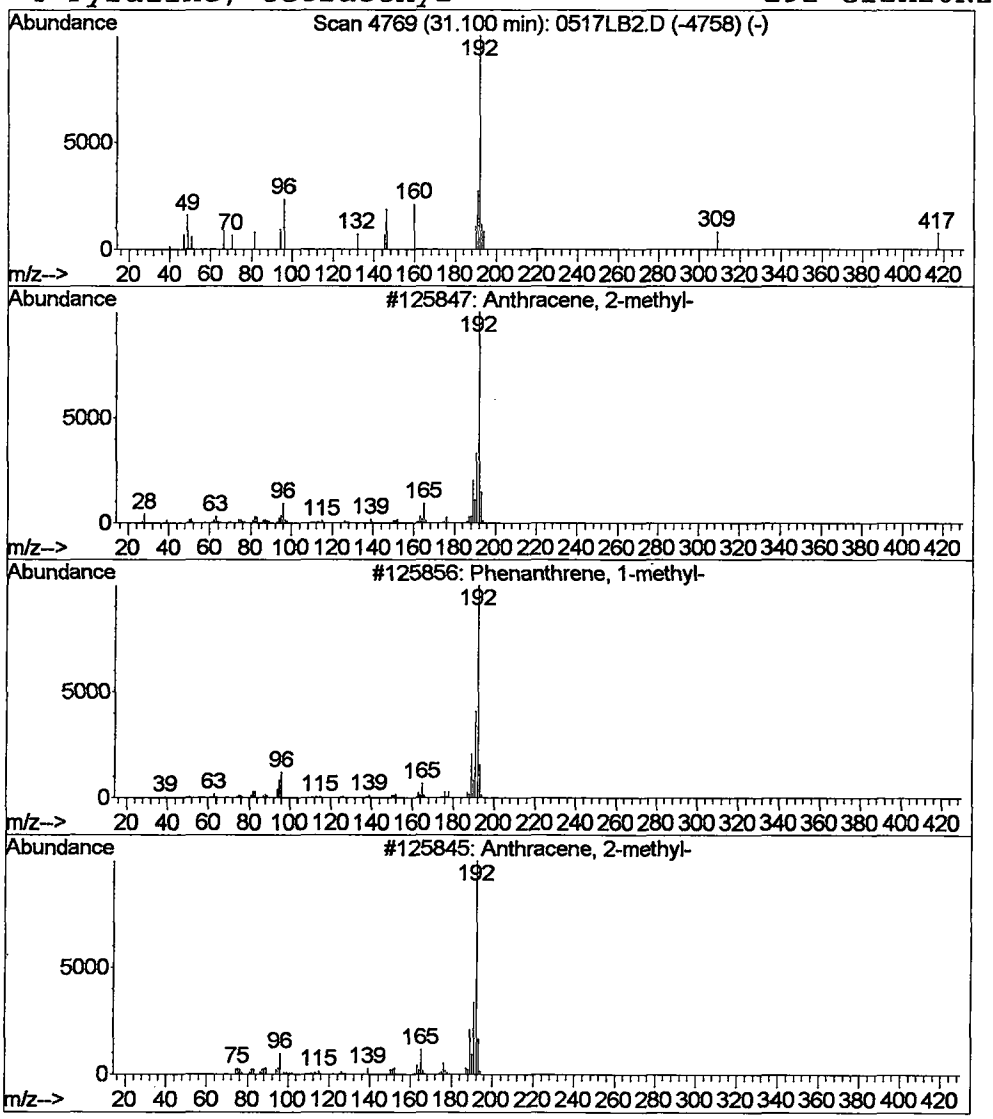
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

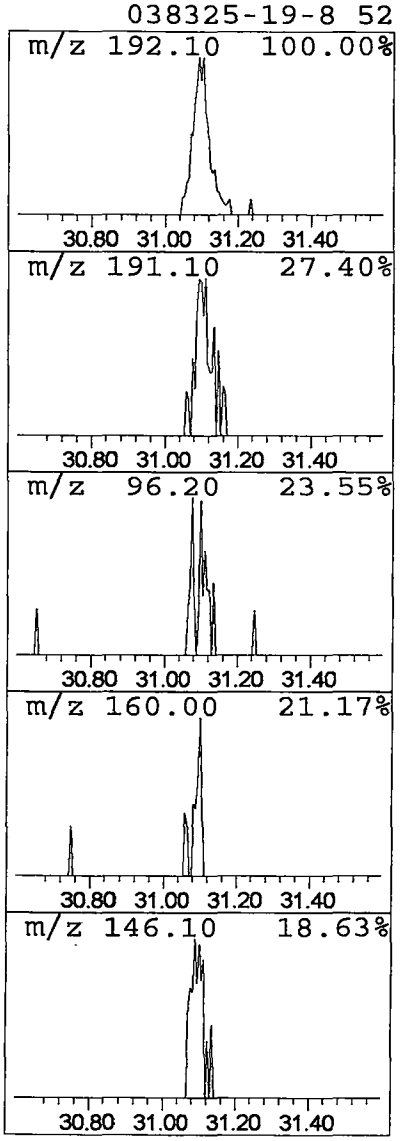
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.23 ug/l	20882	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
4	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	52





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\0517LB2.D Vial: 4
Acq On : 21 May 2002 11:22 am Operator: Nefliu
Sample : 05/17 lab blk ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

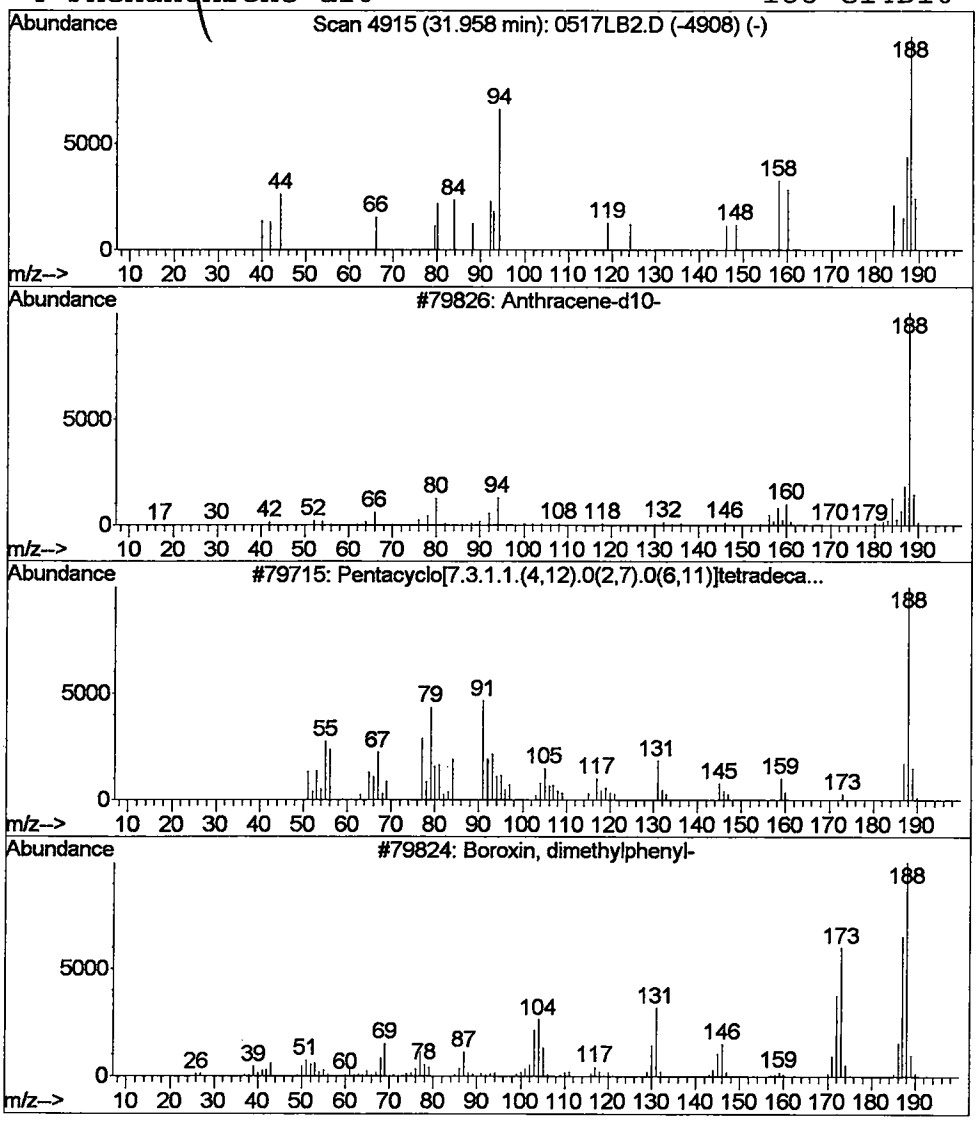
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

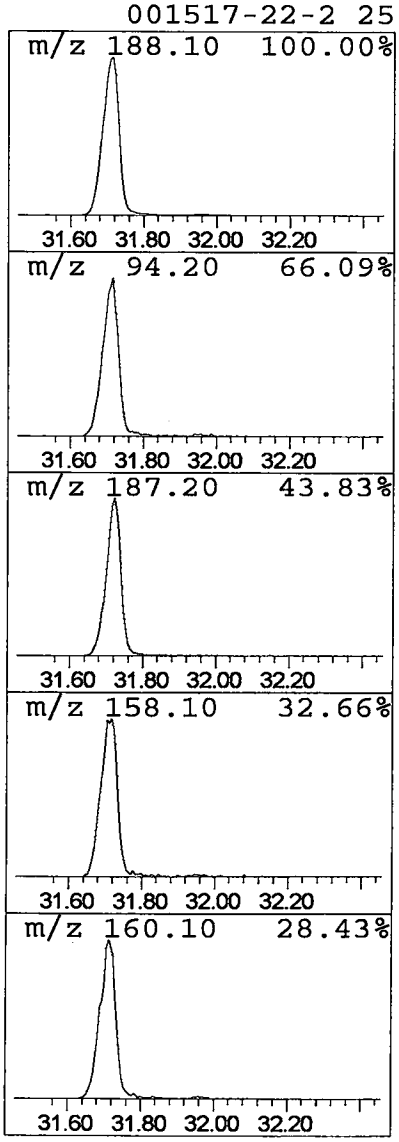
****

Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.26 ug/l	24171	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	45
2	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	38
3	Boroxin, dimethylphenyl-	188	C8H11B3O3	1000162-59-8	35
4	Phenanthrene-d10	188	C14D10	001517-22-2	25





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 11:22 am
Data File: C:\MSDCHEM\1\DATA\020521\0517LB2.D
Name: 05/17 lab blk ad
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE 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...	6.15	12.2	ug/l	858751	1	11.38	2825970	40.0
Anthracene, 2-met...	31.10	0.2	ug/l	20882	4	31.72	3667580	40.0
Anthracene-d10-	31.96	0.3	ug/l	24171	4	31.72	3667580	40.0