User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:40:01

Sample: AE10207
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/1/02 14:36 Ended: 5/9/02 14:36 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

Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 14 14:08:14 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

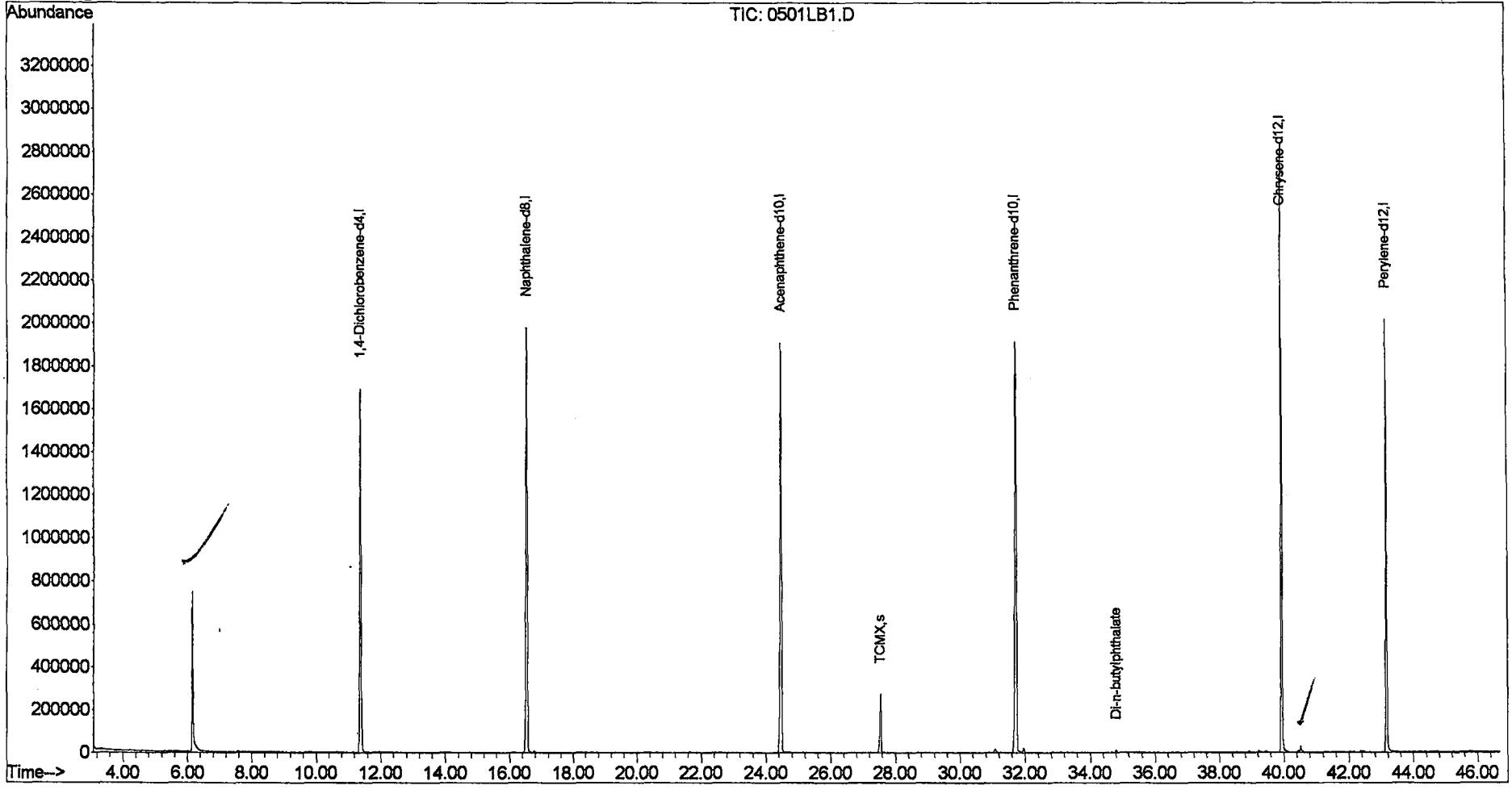
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	630266	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	2399257	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	1290490	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	2223928	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1883308	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	1223748	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.53	207	72498	7.03	ug/l	-0.04
Spiked Amount 10.000			Recovery = 70.30%			
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.80	149	14656	0.21	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 14 14:09 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.7 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

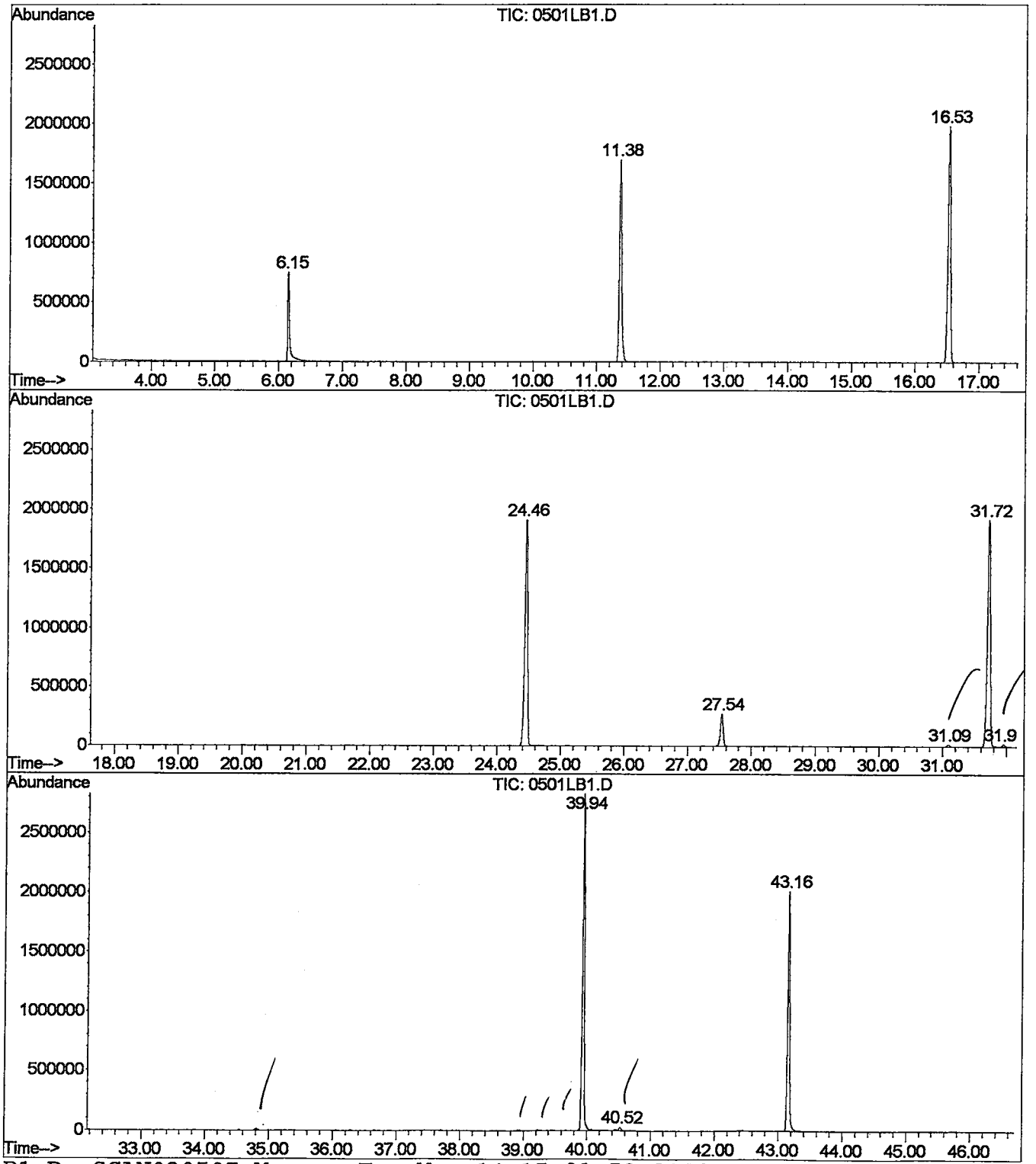
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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	511	523	564	rBV	748012	1525043	24.33%	4.434%
2	11.375	1400	1412	1433	rBV	1694024	4348257	69.38%	12.641%
3	16.534	2274	2290	2311	rBV	1977587	5524931	88.15%	16.062%
4	24.460	3621	3639	3658	rBV	1908346	5793589	92.44%	16.843%
5	27.539	4148	4163	4173	rBV3	273880	762302	12.16%	2.216%
6	31.088	4756	4767	4778	rBV3	16118	49605	0.79%	0.144%
7	31.723	4851	4875	4901	rBV3	1914483	6267464	100.00%	18.221%
8	31.946	4906	4913	4927	rVB3	18468	50647	0.81%	0.147%
9	39.937	6256	6273	6291	rBV2	2829062	5753771	91.80%	16.727%
10	40.524	6366	6373	6385	rVV4	25935	66240	1.06%	0.193%
11	43.156	6810	6821	6846	rBV2	2012100	4255482	67.90%	12.372%

Sum of corrected areas: 34397331

File : C:\MSDCHEM\1\DATA\020509\0501LB1.D
Operator : Nefliu
Acquired : 9 May 2002 1:37 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: 05/01 lab blk kb
Misc Info :
Vial Number: 3
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

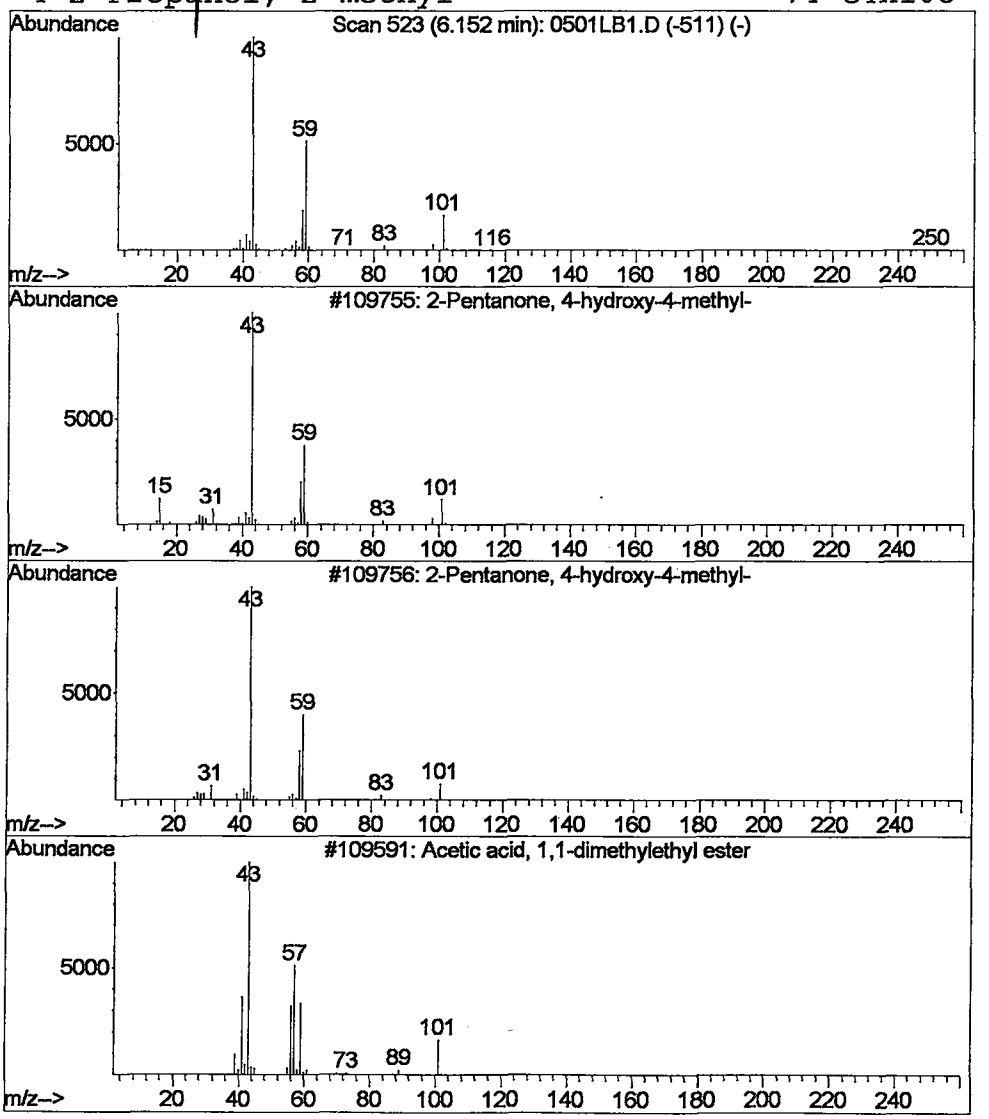
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

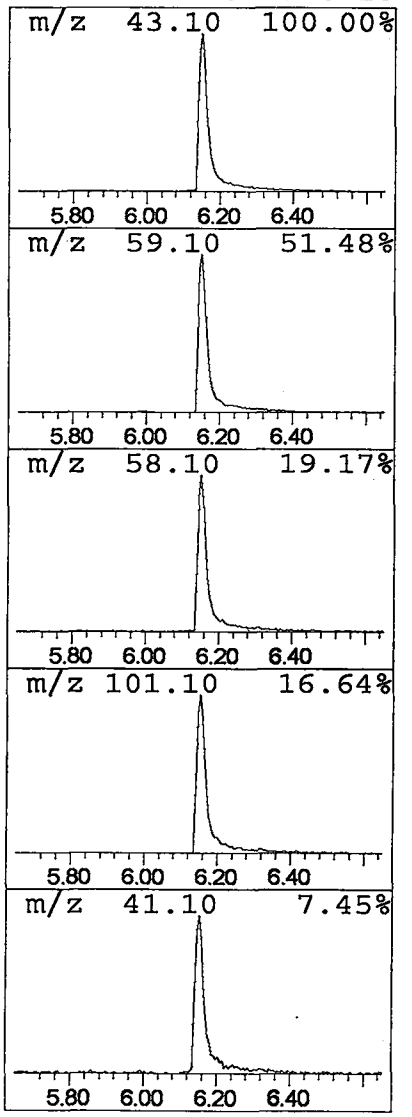
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.03 ug/l	1525040	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	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23





Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

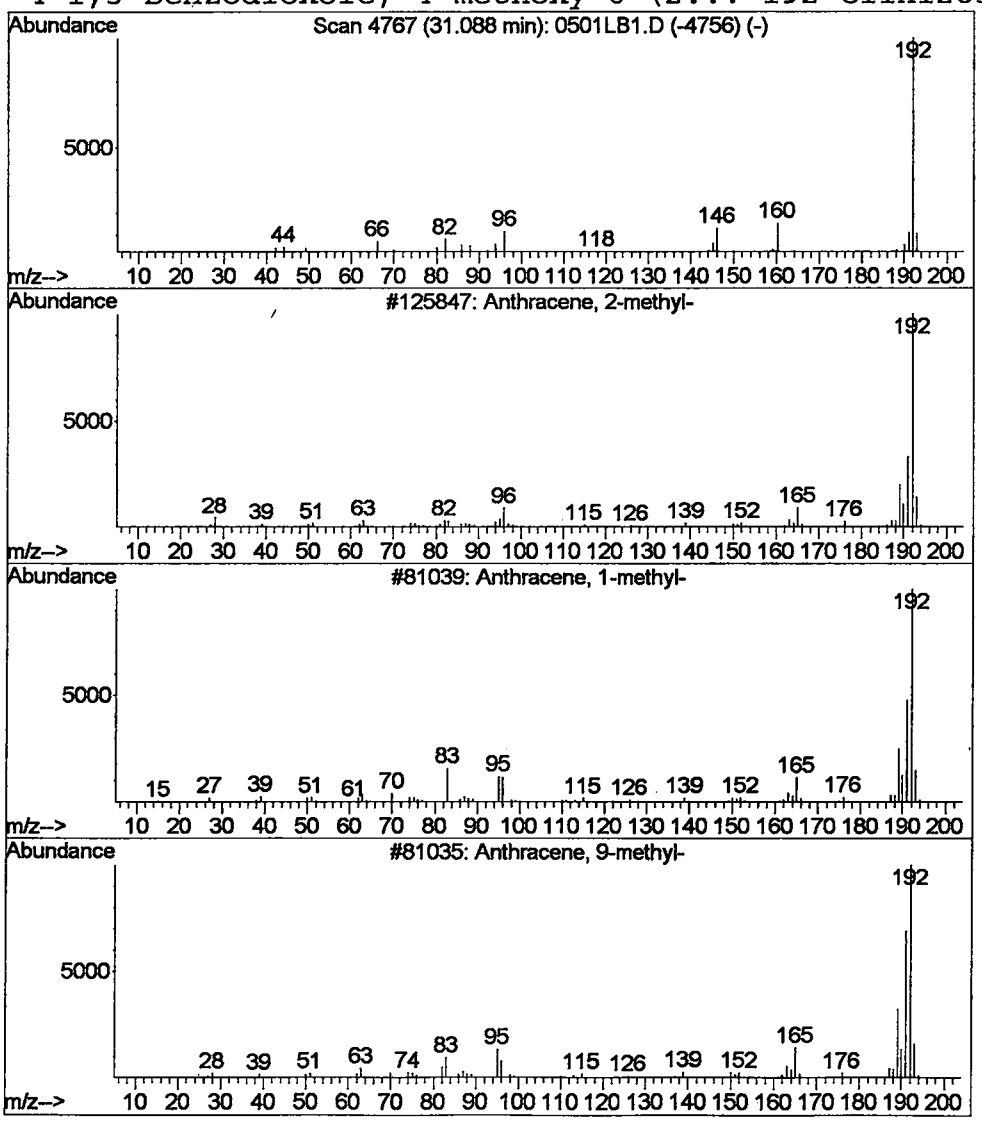
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

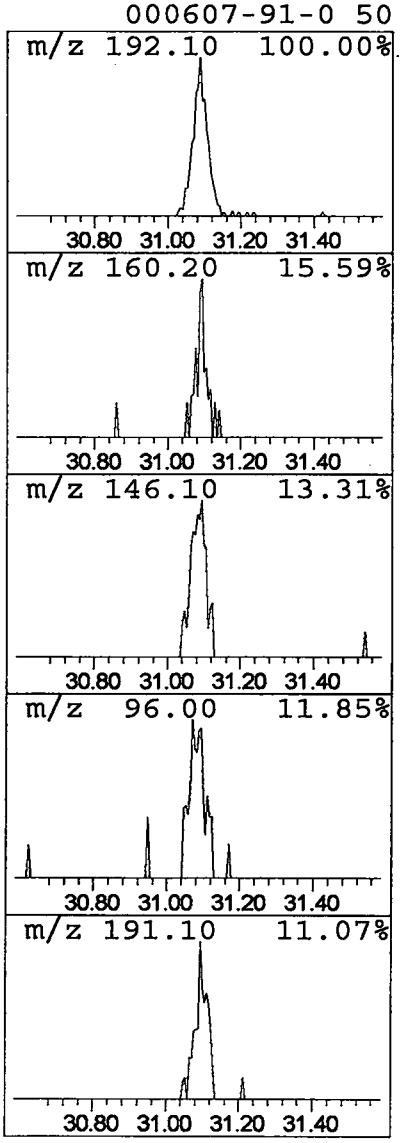
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	49605	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	50





Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

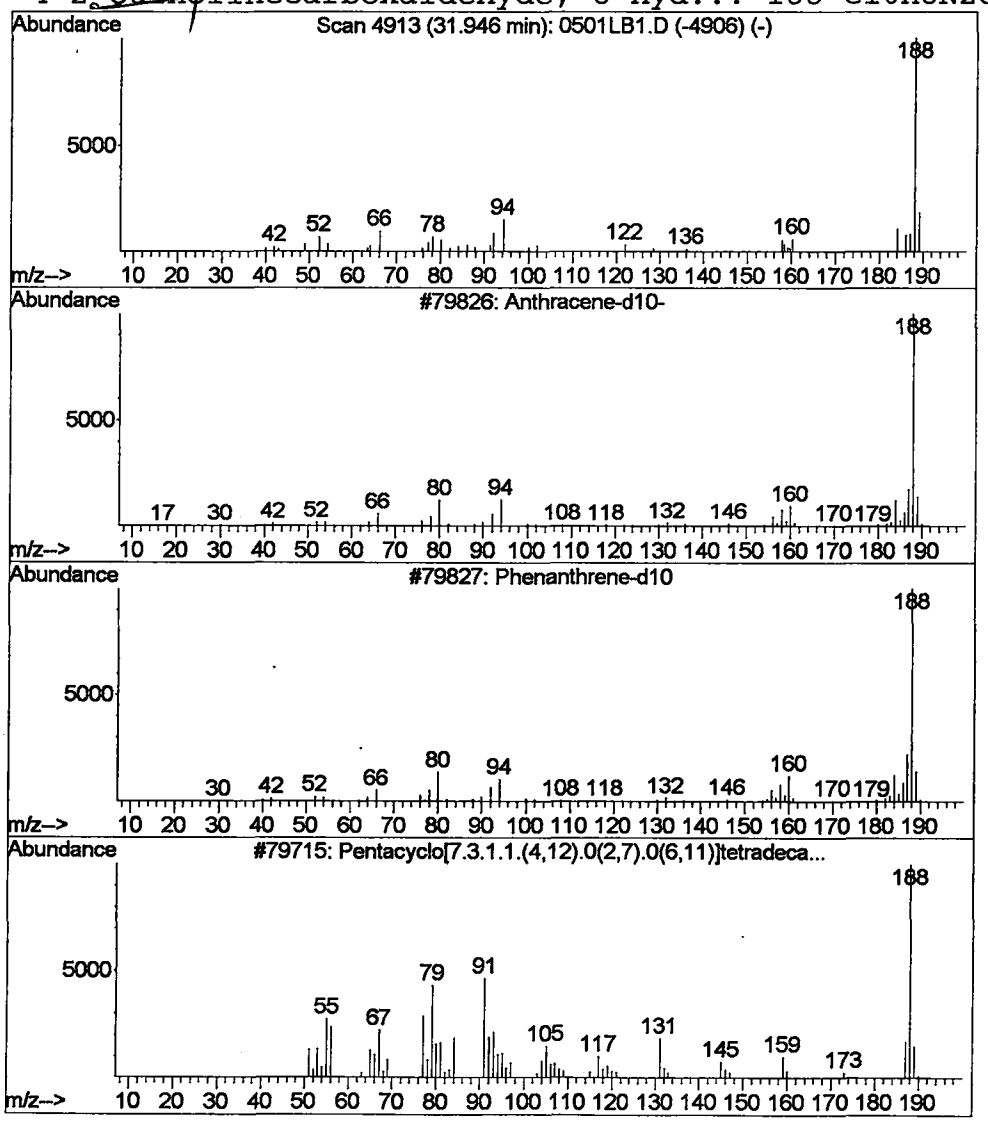
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

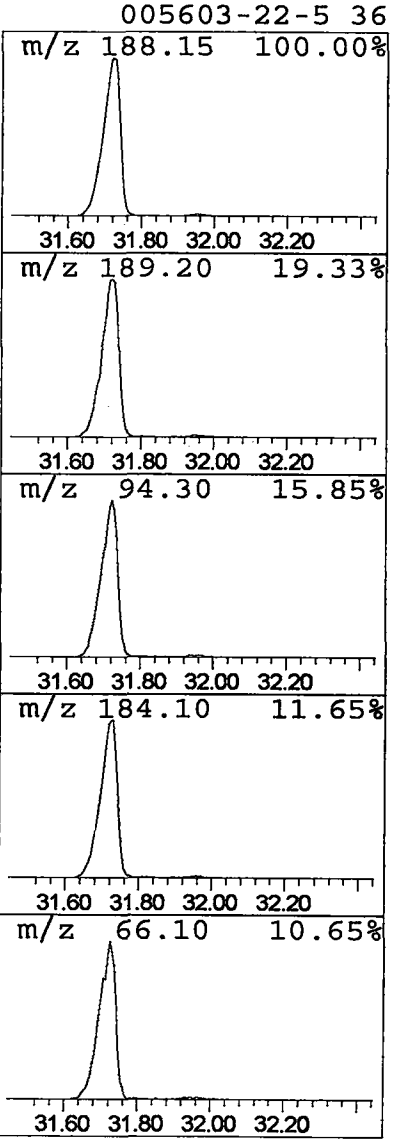
****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.32 ug/l	50647	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthradene-d10-	188	C14D10	001719-06-8	78
2	~~Phenanthrene-d10~~	188	C14D10	001517-22-2	78
3	~~Pentacyclo[7.~~3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	50
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	36





Data File : C:\MSDCHEM\1\DATA\020509\0501LB1.D Vial: 3
Acq On : 9 May 2002 1:37 pm Operator: Nefliu
Sample : 05/01 lab blk kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

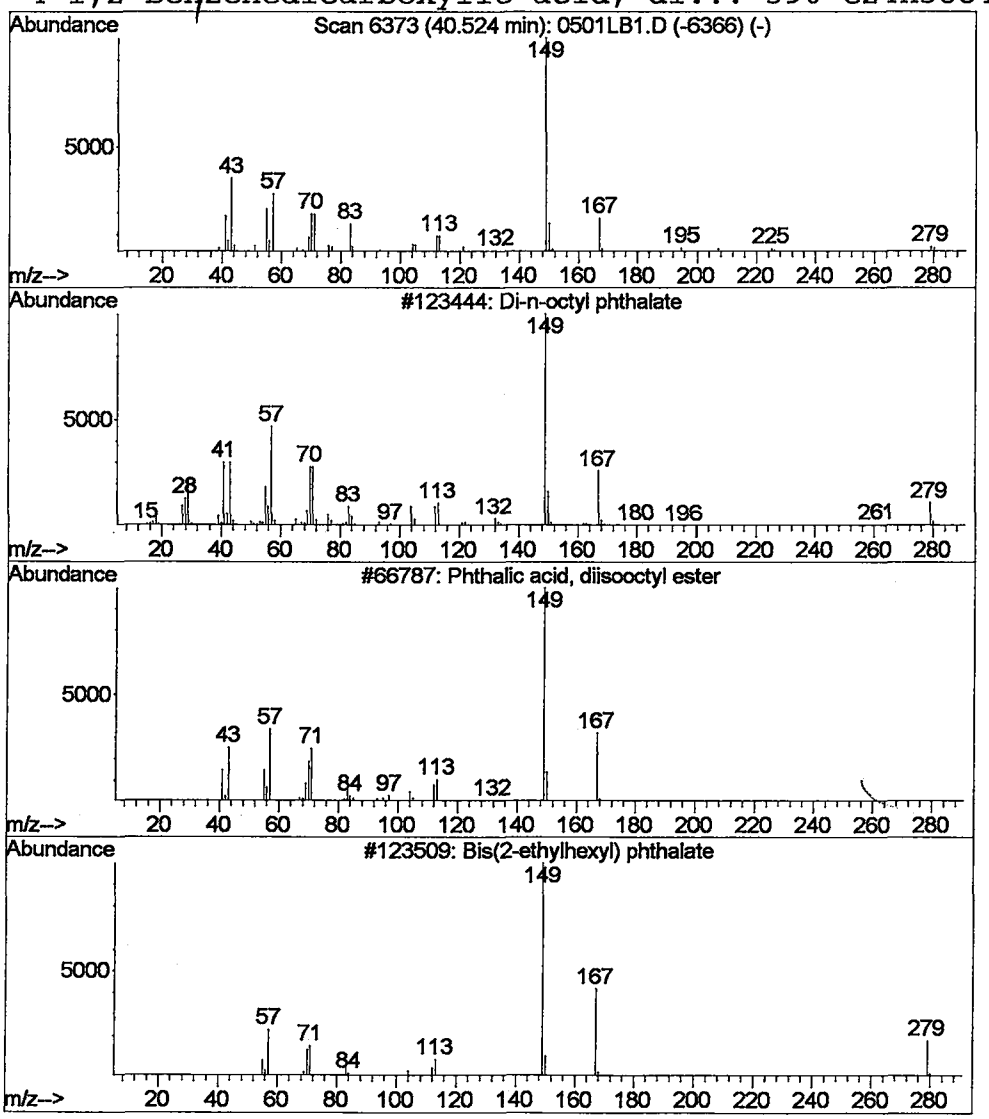
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

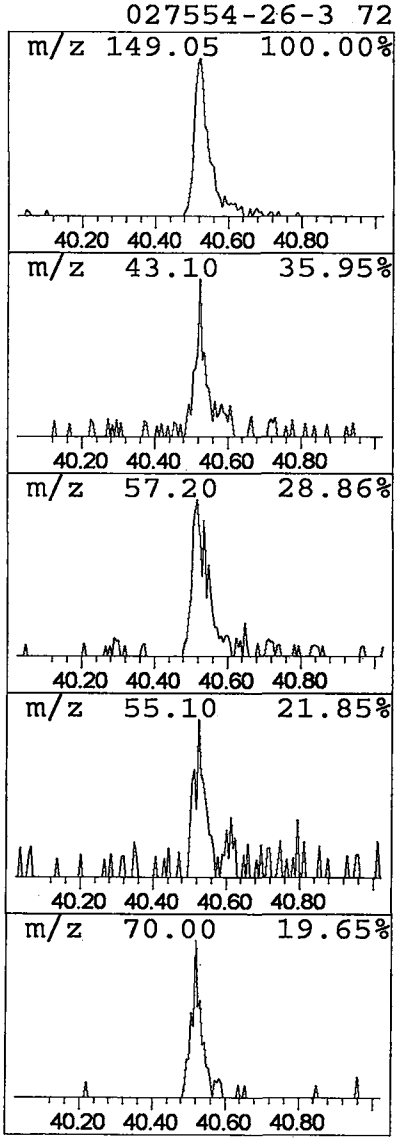
****

Peak Number 4 Di-n-octyl phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.52	0.46 ug/l	66240	Chrysene-d12	39.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	83
2	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	78
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	72





Operator ID: Nefliu Date Acquired: 9 May 2002 1:37 pm
Data File: C:\MSDCHEM\1\DATA\020509\0501LB1.D
Name: 05/01 lab blk kb
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2-Pentanone, 4-hy...	6.15	14.0	ug/l	1525040	1	11.38	4348260	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	49605	4	31.72	6267460	40.0
Anthracene-d10	31.95	0.3	ug/l	50647	4	31.72	6267460	40.0
Di-n-octyl phthalate	40.52	0.5	ug/l	66240	5	39.94	5753770	40.0