User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 15:33:35

Sample: AE10303
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/9/02 15:31 Ended: 5/9/02 15:31 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\0501LB.D Vial: 3
Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:46:50 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	9.93	152	5469488	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	21629864	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11536939	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	16835302	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	12303505	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7584725	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	602105	6.98	ug/L	0.00
Spiked Amount 10.000			Recovery = 69.80%			
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	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	12.94	93	2464	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	0.00	169	0	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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Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 13:46:50 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	23.01	178	26109	N.D.	
35)	Di-n-butylphthalate	0.00	149	0	N.D.	
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	27.18	202	19569	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.80	228	33657	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)

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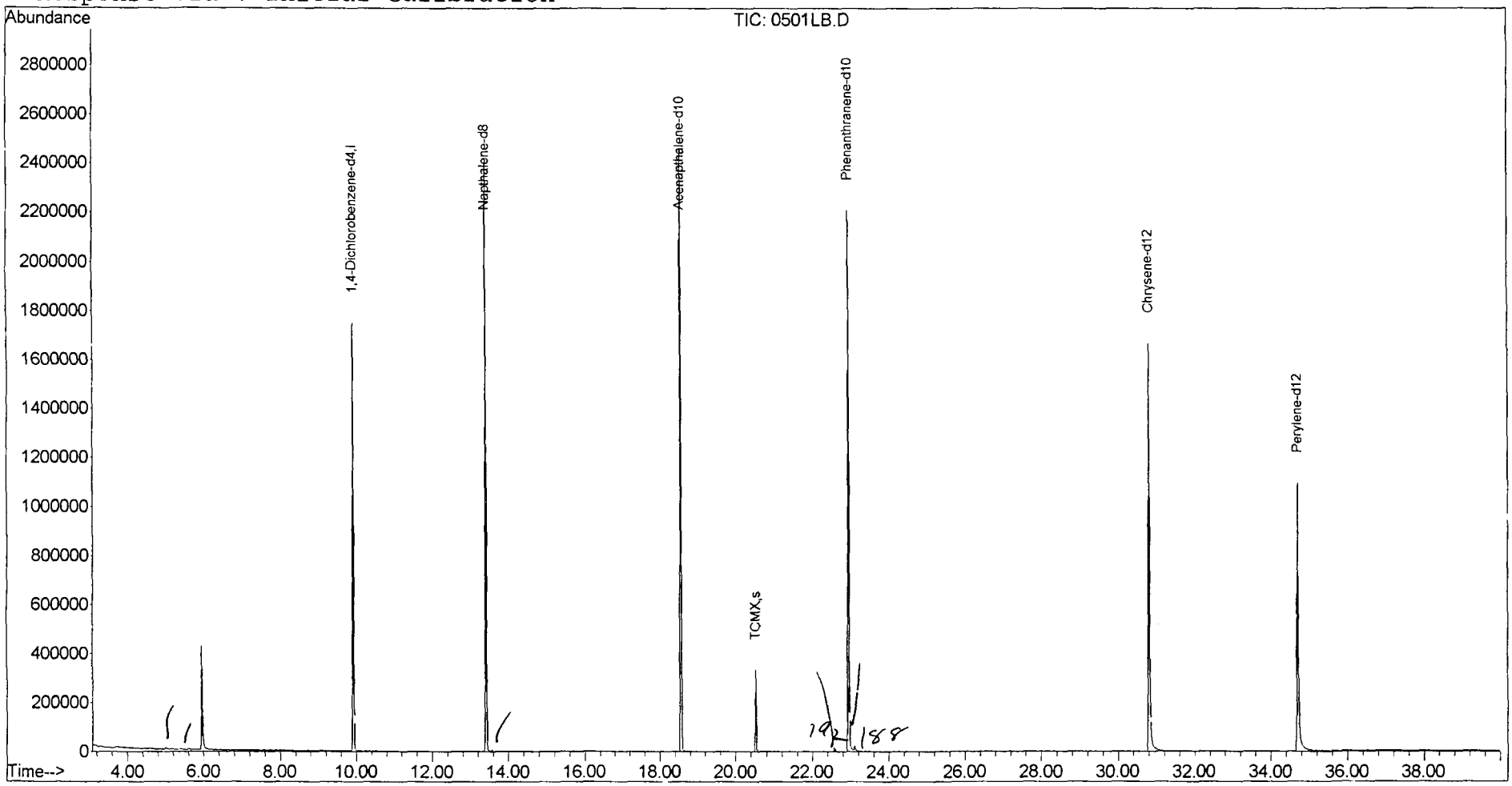
Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 13:46 2002 Quant Results File: 050102.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050802\0501LB.D
Acq On : 8 May 2002 3:26 pm
Sample : 5/1 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 3
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

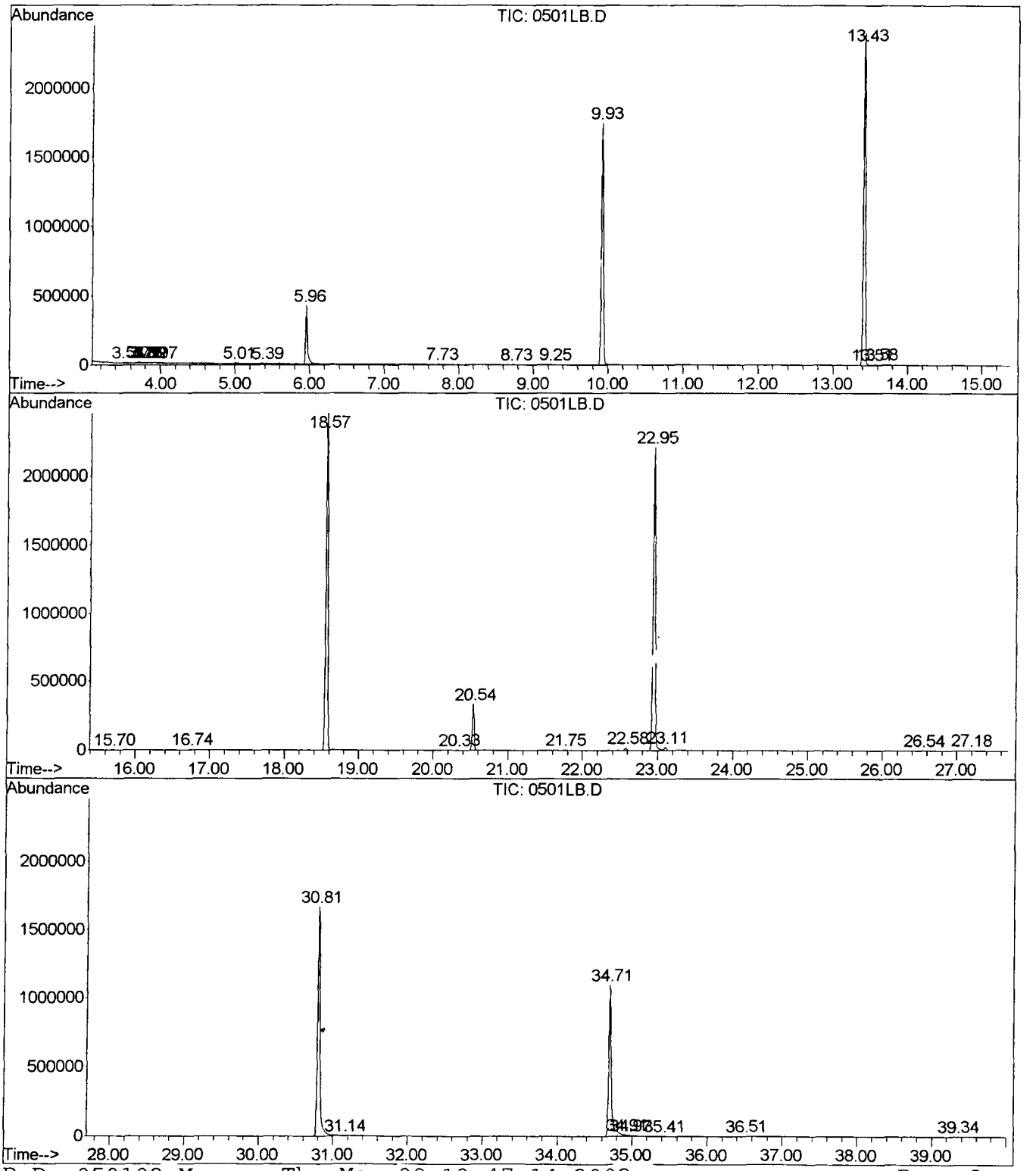
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.508	70	73	83	PV 8	2384	48447	0.10%	0.019%
2	3.720	95	109	114	PV 8	6063	244903	0.52%	0.096%
3	3.755	114	115	117	VV 2	5731	64536	0.14%	0.025%
4	3.773	117	118	120	VV 2	5010	49762	0.10%	0.020%
5	3.802	120	123	125	VV 4	5353	70344	0.15%	0.028%
6	3.820	125	126	129	VV 3	4713	74946	0.16%	0.029%
7	3.966	149	151	155	VV 5	4610	63784	0.13%	0.025%
8	5.006	324	328	346	VV 6	7303	236271	0.50%	0.093%
9	5.388	390	393	408	VV 6	2599	82181	0.17%	0.032%
10	5.958	481	490	522	PV	412478	7671451	16.14%	3.019%
11	7.733	785	792	808	PV 7	3805	100855	0.21%	0.040%
12	8.732	955	962	971	VV 5	2497	61055	0.13%	0.024%
13	9.249	1045	1050	1055	PV 3	2409	32809	0.07%	0.013%
14	9.930	1156	1166	1188	PV	1714586	33003115	69.43%	12.989%
15	13.426	1749	1761	1774	PV	2384348	44143763	92.87%	17.373%
16	13.508	1774	1775	1781	VV 4	2954	51629	0.11%	0.020%
17	13.579	1781	1787	1799	VV	7362	168232	0.35%	0.066%
18	15.700	2141	2148	2161	PV 6	1841	41452	0.09%	0.016%
19	16.746	2319	2326	2331	VV 2	3306	55284	0.12%	0.022%
20	18.567	2626	2636	2658	PV	2477556	47534247	100.00%	18.708%
21	20.330	2931	2936	2940	PV 4	1995	32607	0.07%	0.013%
22	20.536	2959	2971	2981	VV	326096	5884982	12.38%	2.316%
23	21.758	3168	3179	3184	PV 4	2409	32862	0.07%	0.013%
24	22.580	3311	3319	3330	VV	17119	310494	0.65%	0.122%
25	22.950	3367	3382	3403	PV 2	2181993	46207896	97.21%	18.186%
26	23.109	3403	3409	3434	VV 2	21962	614769	1.29%	0.242%
27	26.540	3985	3993	4000	VV 2	1816	37095	0.08%	0.015%
28	27.175	4095	4101	4113	VV	2523	46357	0.10%	0.018%
29	30.806	4705	4719	4774	BV 2	1646891	38792389	81.61%	15.267%
30	31.141	4774	4776	4781	VV 5	1334	17446	0.04%	0.007%
31	34.707	5370	5383	5416	PV	1083336	27564251	57.99%	10.848%
32	34.907	5416	5417	5426	VV 8	11215	292468	0.62%	0.115%
33	34.966	5426	5427	5444	VV 10	6778	290310	0.61%	0.114%
34	35.413	5496	5503	5510	VV 7	2192	70065	0.15%	0.028%
35	36.505	5688	5689	5705	VV 6	2108	60446	0.13%	0.024%
36	39.337	6169	6171	6181	VV 7	1840	37767	0.08%	0.015%

Sum of corrected areas: 254091270

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050802\0501LB.D
Operator : Mclean
Acquired : 8 May 2002 3:26 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/1 eh
Misc Info :
Vial Number: 3
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\0501LB.D Vial: 3
Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

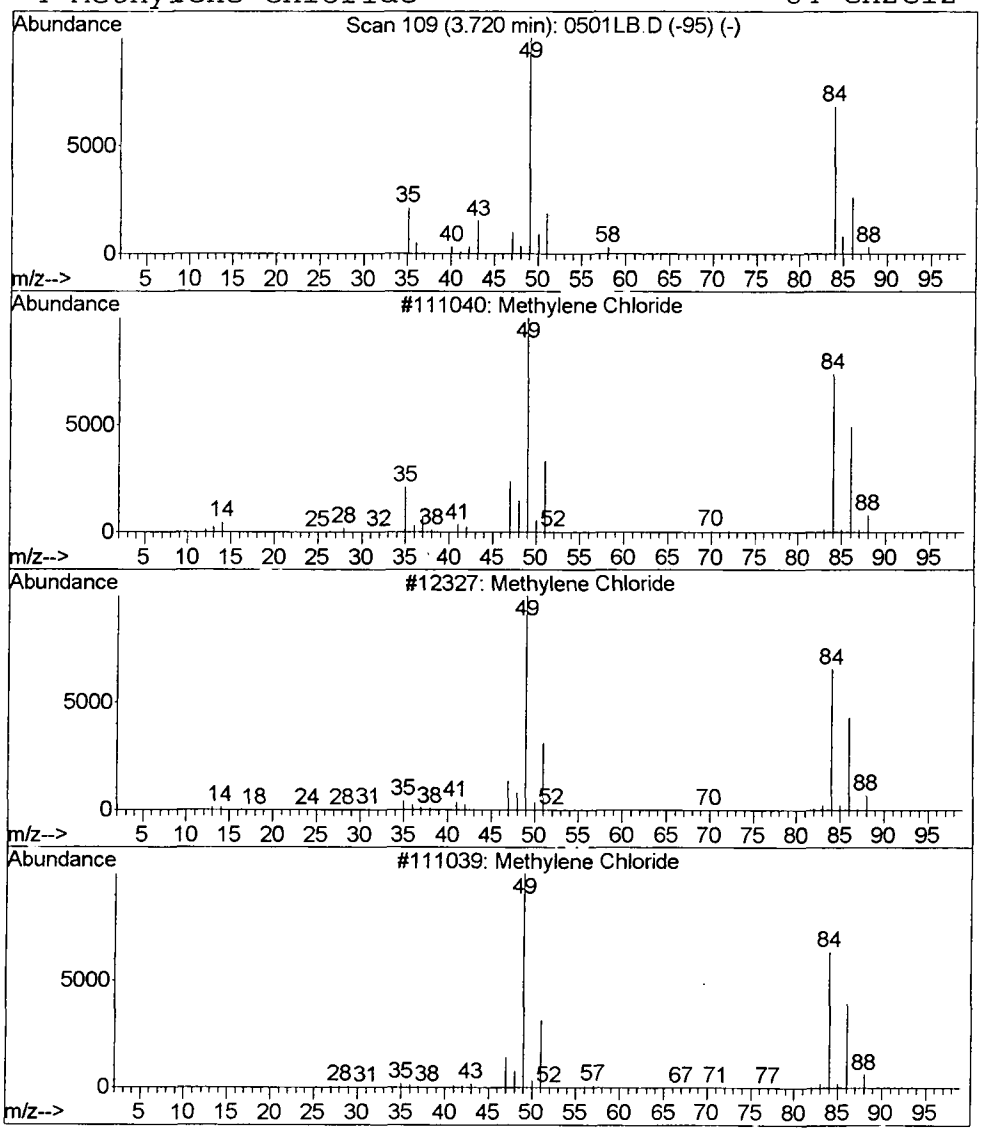
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

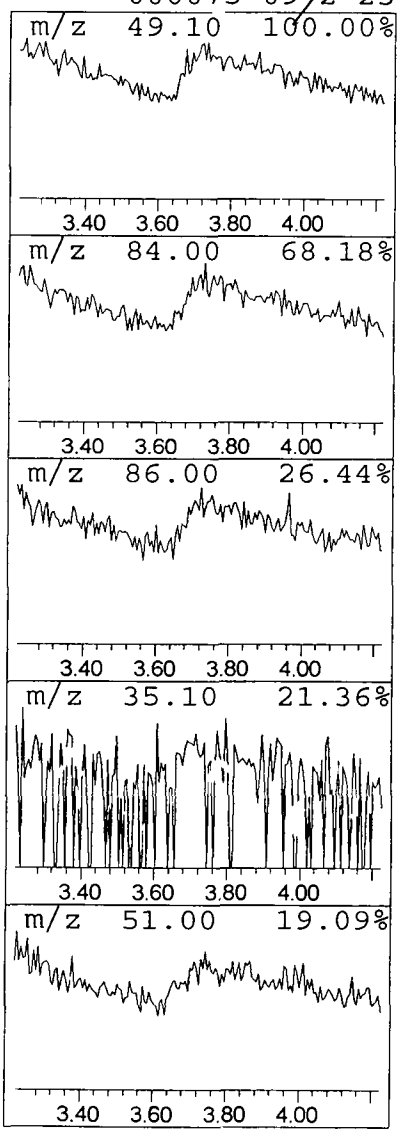
****

Peak Number 1 Methylene Chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.30 ug/L	244903	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	40
2	Methylene Chloride	84	CH2Cl2	000075-09-2	36
3	Methylene Chloride	84	CH2Cl2	000075-09-2	34
4	Methylene Chloride	84	CH2Cl2	000075-09-2	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\0501LB.D Vial: 3
Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

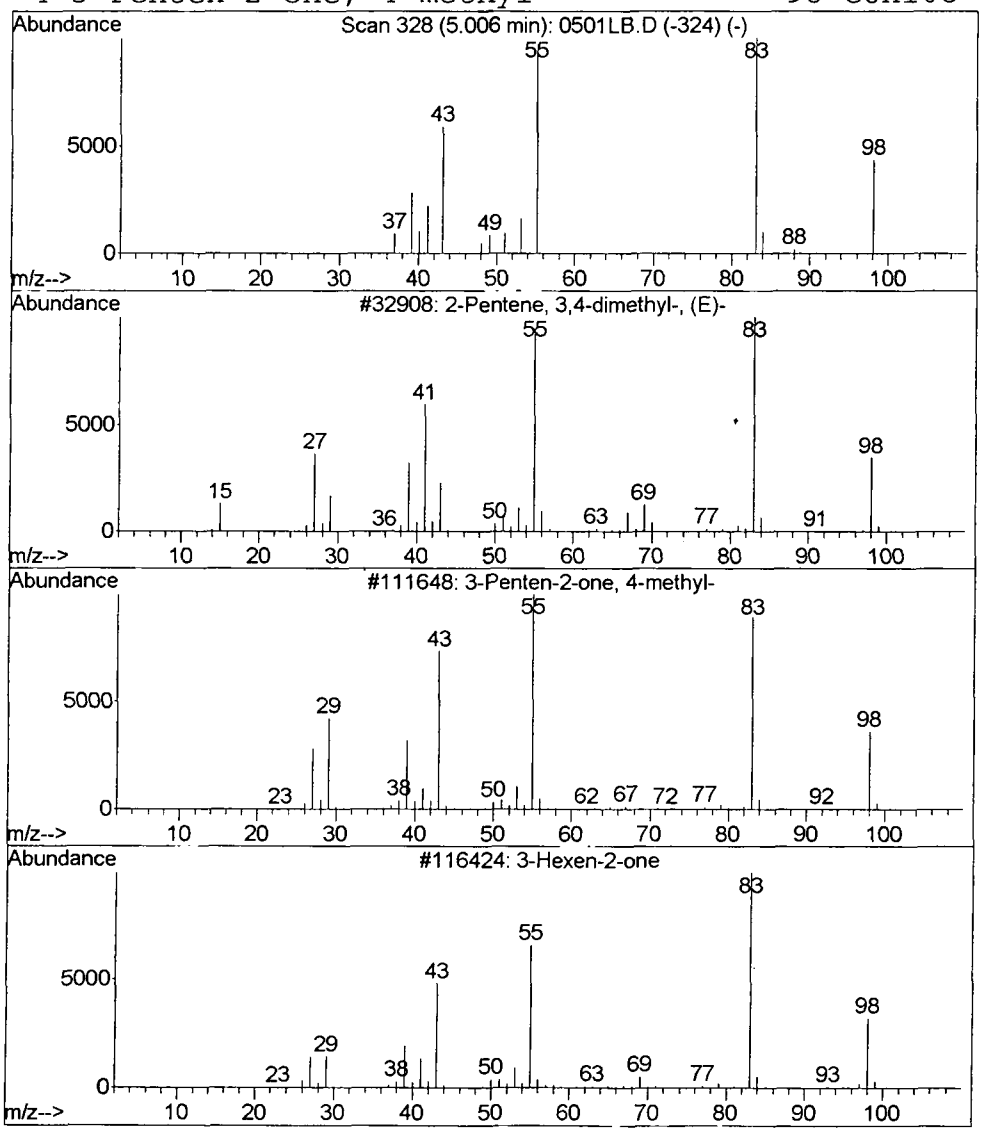
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

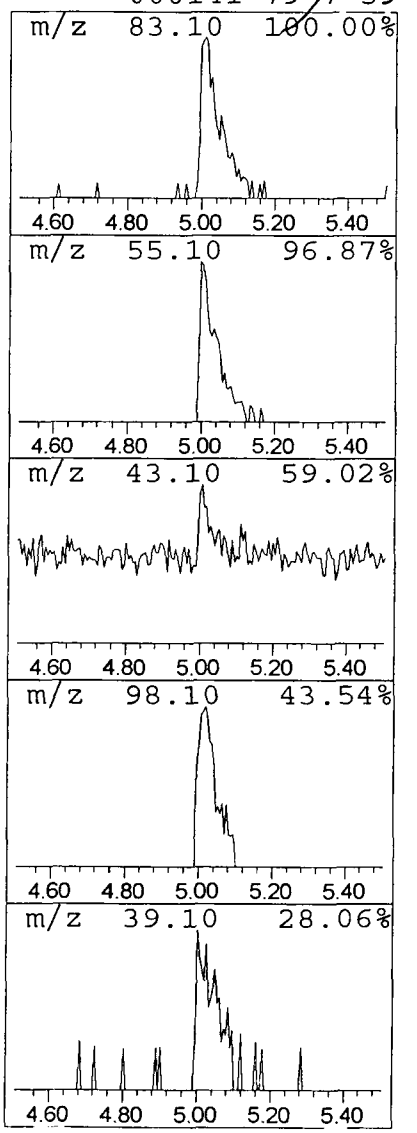
****

Peak Number 2 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.29 ug/L	236271	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
3	3-Hexen-2-one	98	C6H10O	000763-93-9	59
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	59





Library Search Compound Report

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Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

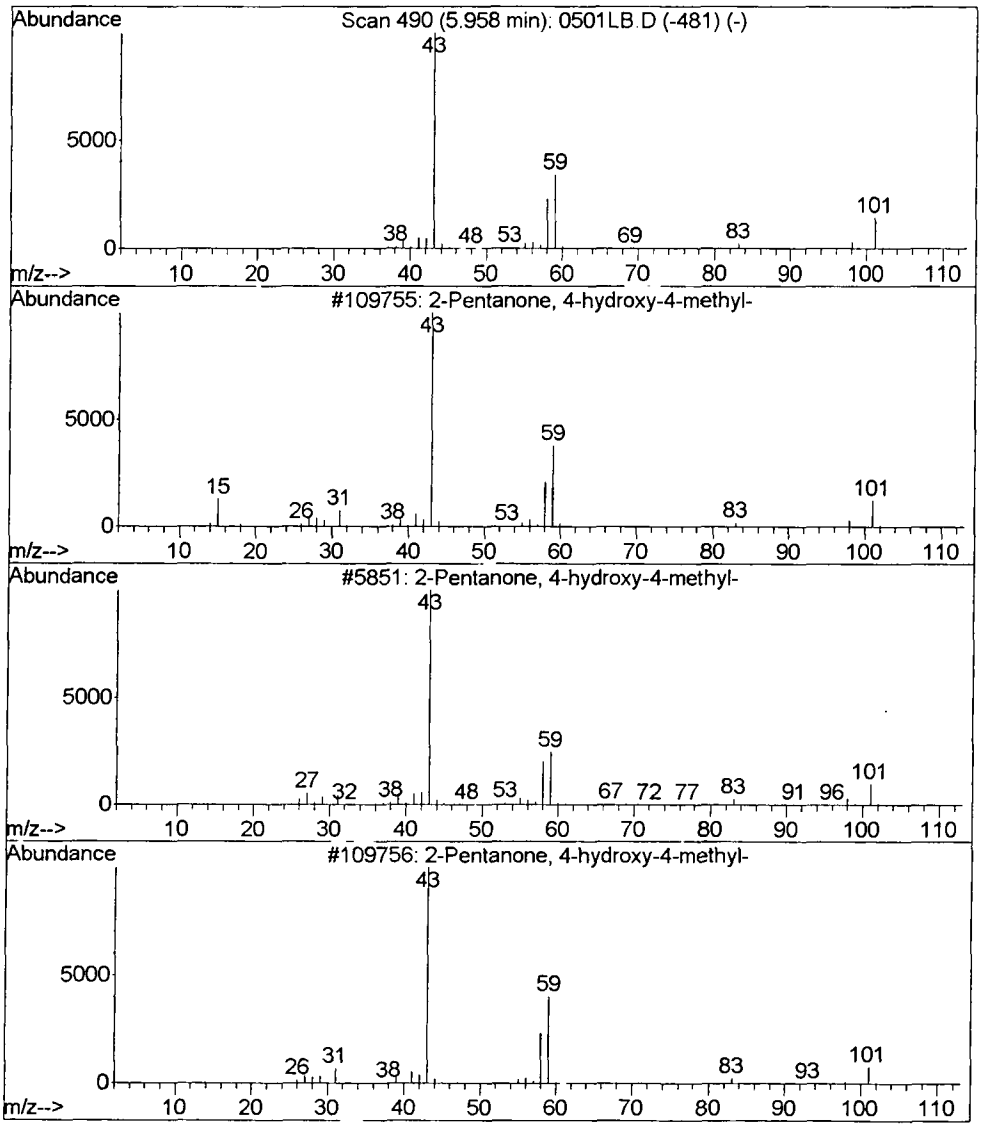
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

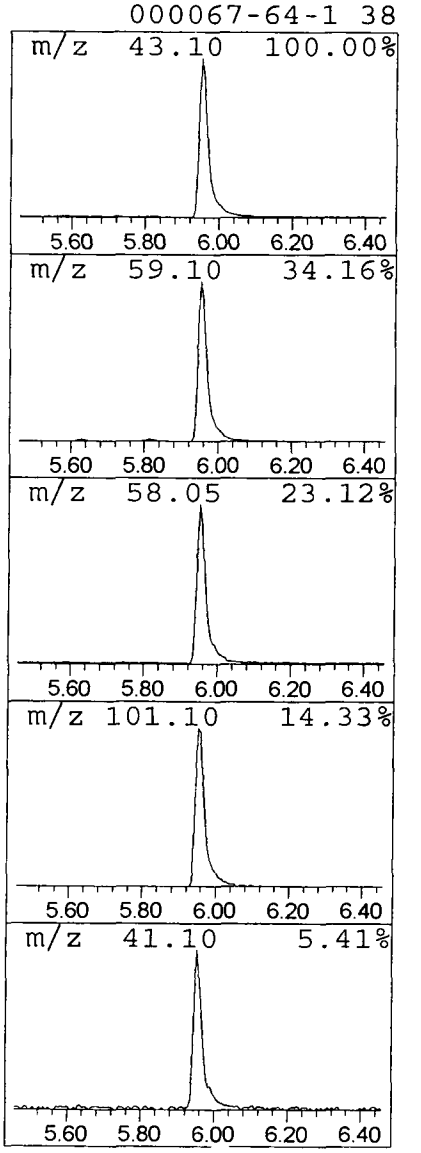
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	9.30 ug/L	7671450	1,4-Dichlorobenzene-d4	9.93

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	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	Acetone	58	C3H6O	000067-64-1	38





Library Search Compound Report

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Sample : 5/1 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

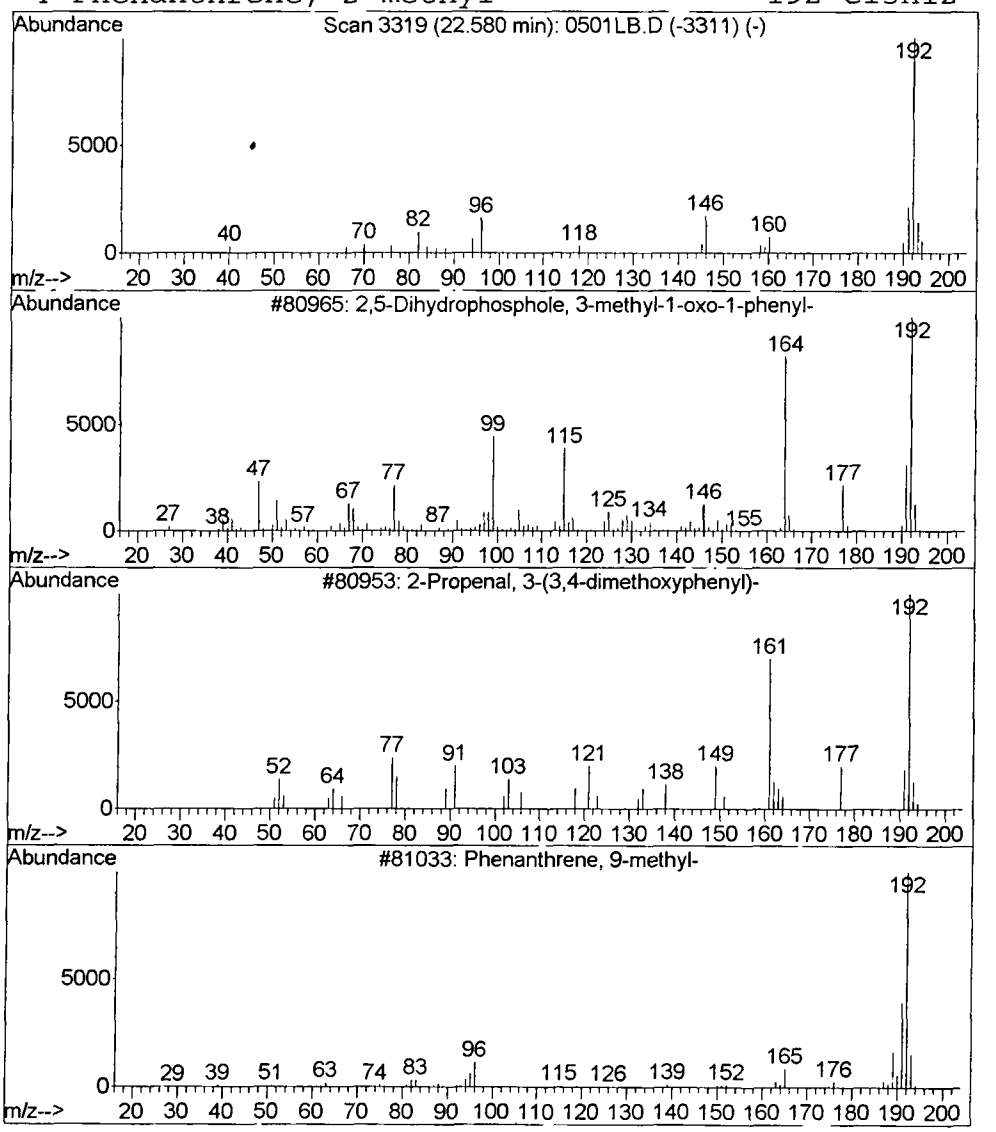
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

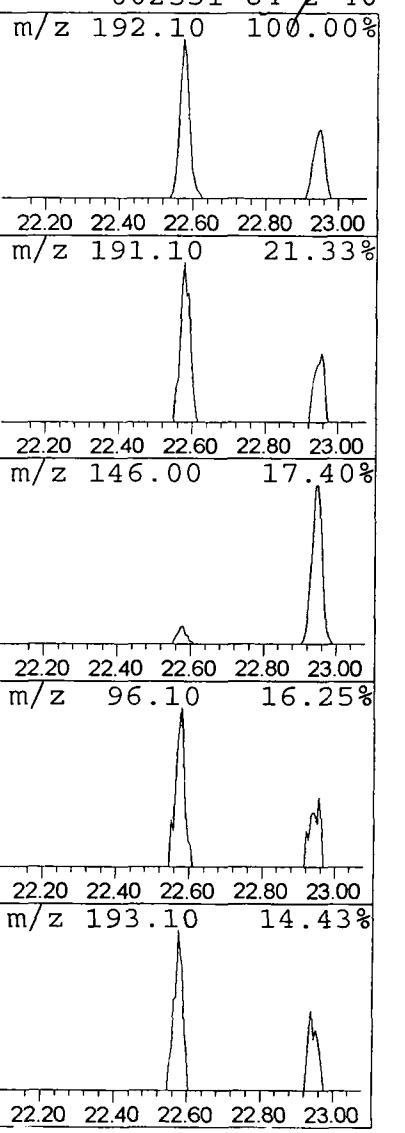
****

Peak Number 4 2,5-Dihydrophosphole, 3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.27 ug/L	310494	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	40





Library Search Compound Report

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Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 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

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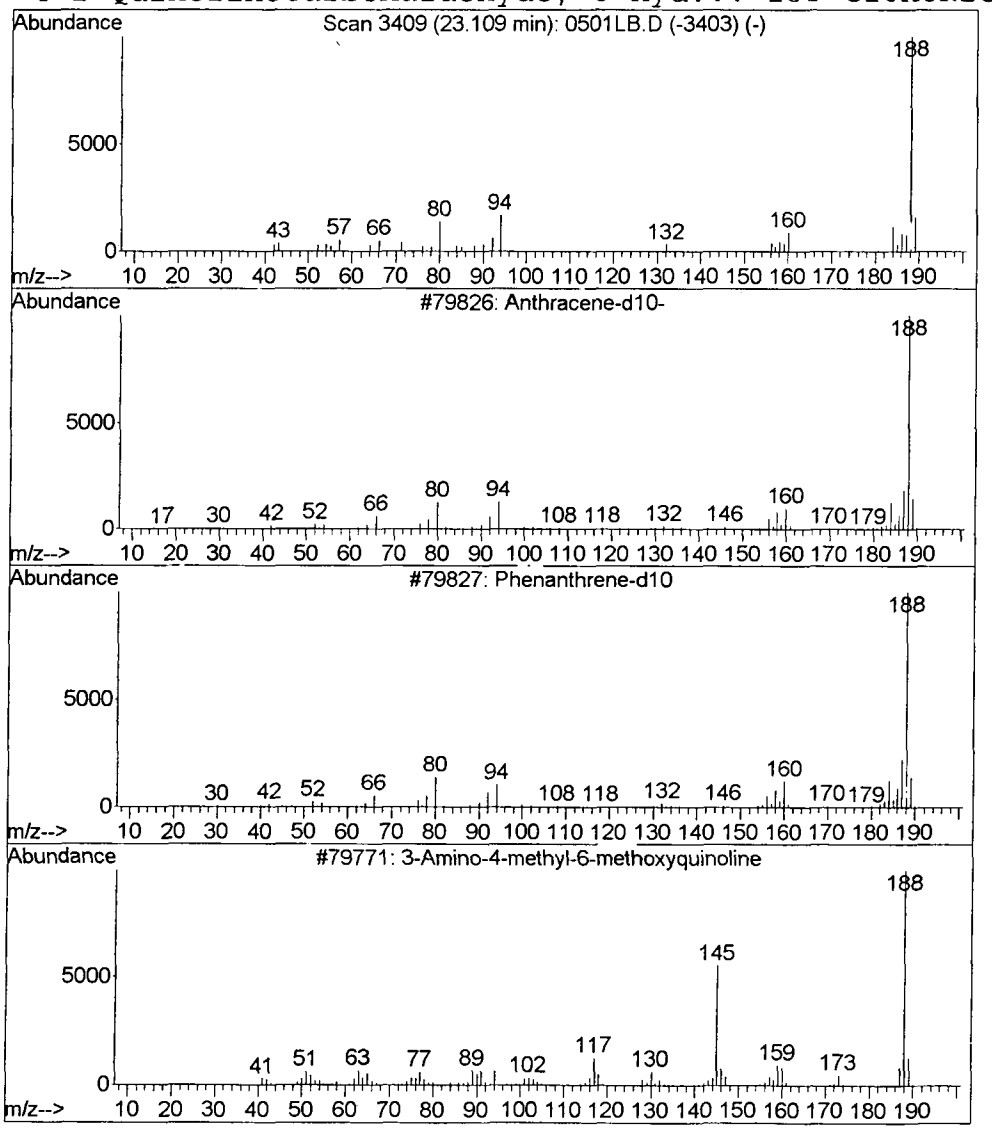
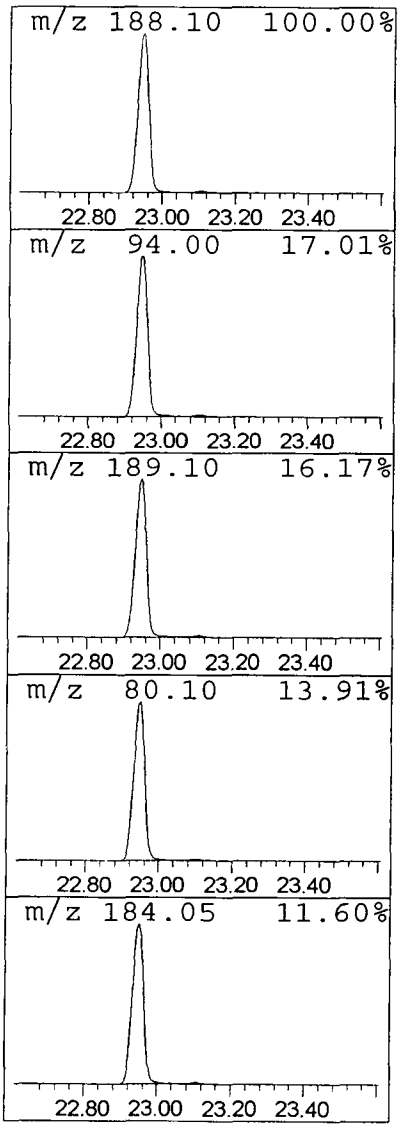
Peak Number 5 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.53 ug/L	614769	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38





Library Search Compound Report

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Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 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

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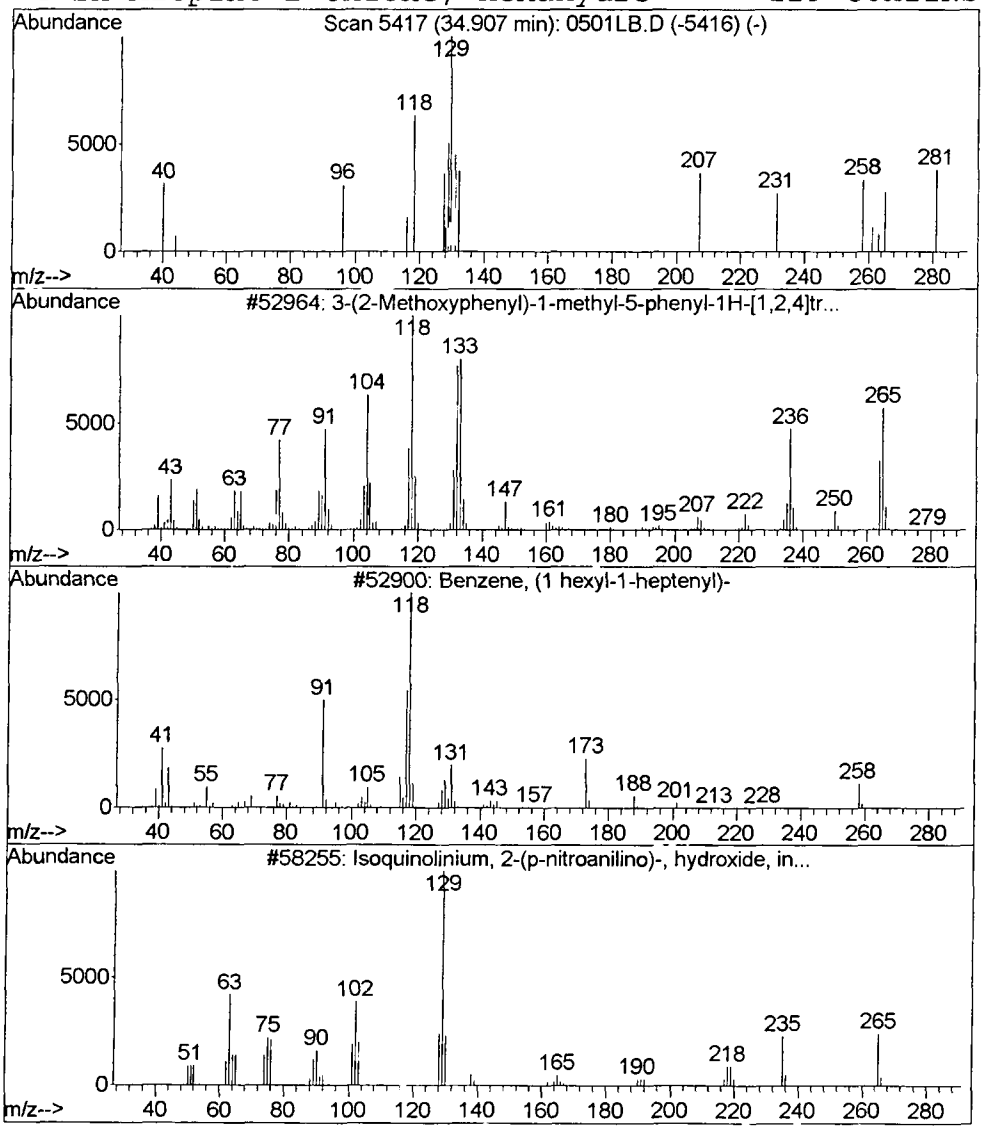
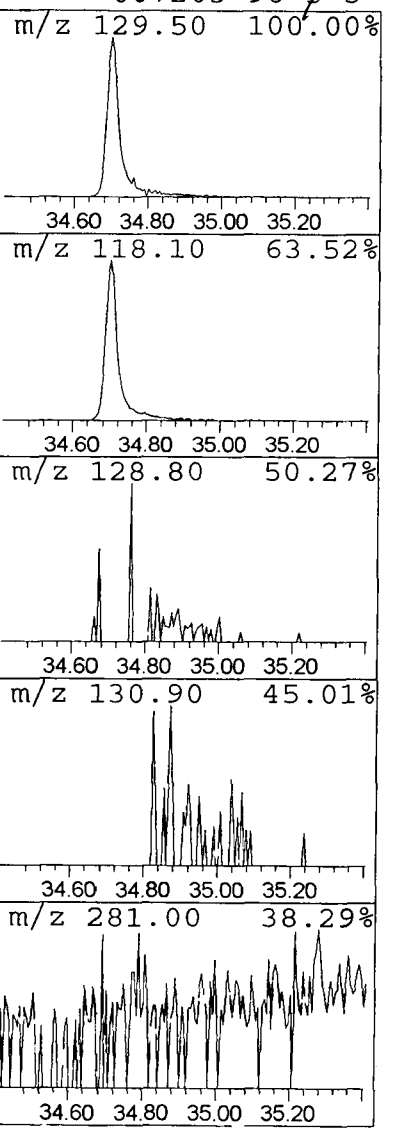
Peak Number 6 3-(2-Methoxyphenyl)-1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.91	0.42 ug/L	292468	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methoxyphenyl)-1-methyl-5-p...	265	C16H15N3O	1000210-16-8	9
2	Benzene, (1 hexyl-1-heptenyl)-	258	C19H30	055030-46-1	7
3	Isoquinolinium, 2-(p-nitroanilin...	265	C15H11N3O2	031383-05-8	5
4	2H-Azepine-2-thione, hexahydro-	129	C6H11NS	007203-96-5	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\0501LB.D Vial: 3
Acq On : 8 May 2002 3:26 pm Operator: Mclean
Sample : 5/1 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

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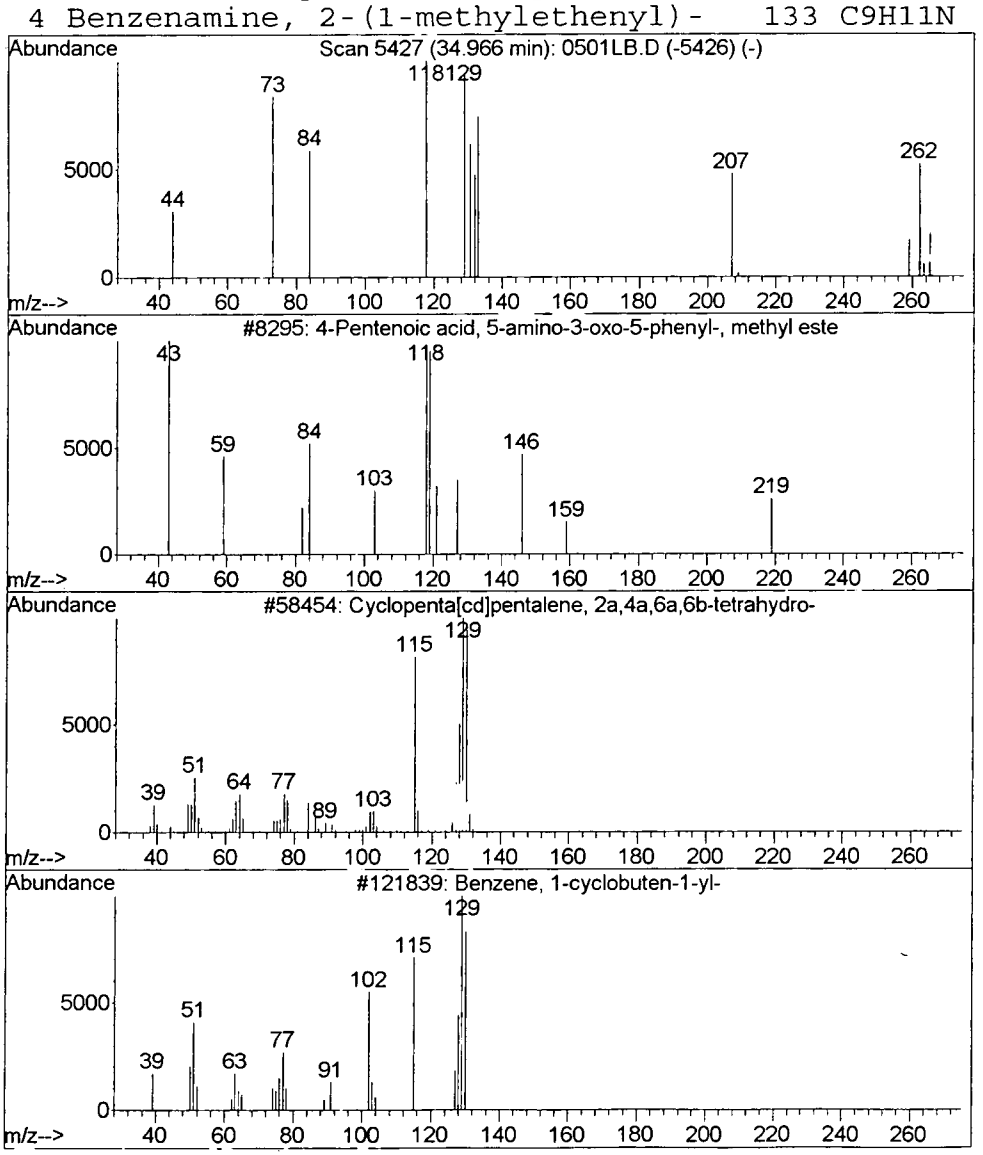
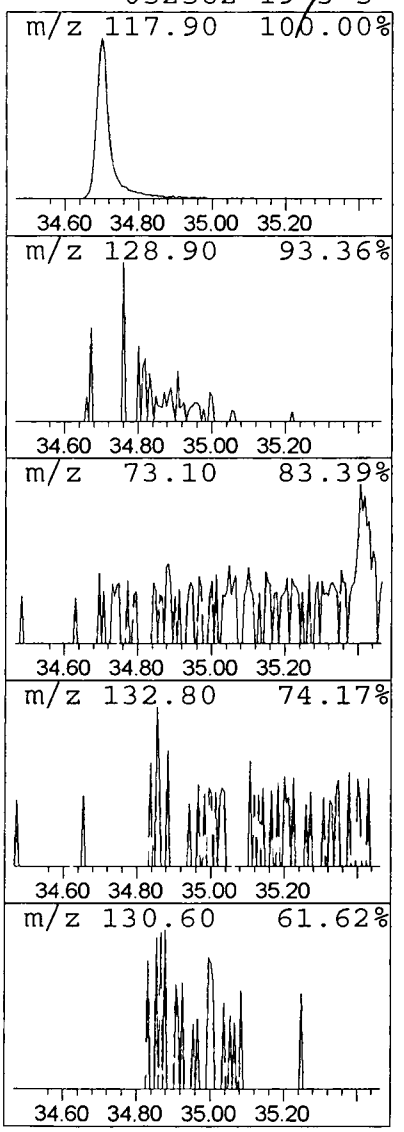
Peak Number 7 4-Pentenoic acid, 5-amino-3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.97	0.42 ug/L	290310	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 5-amino-3-oxo-...	219	C12H13NO3	052812-85-8	9
2	Cyclopenta[cd]pentalene, 2a,4a,6...	130	C10H10	006053-74-3	5
3	Benzene, 1-cyclobuten-1-yl-	130	C10H10	003365-26-2	5
4	Benzenamine, 2-(1-methylethenyl)-	133	C9H11N	052562-19-3	5





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 8 May 2002 3:26 pm
Data File: C:\MSDCHEM\1\DATA\050802\0501LB.D
Name: 5/1 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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Methylene Chloride	3.72	0.3	ug/L	244903	1	9.93	33003100	40.0
2-Pentene, 3,4-di...	5.01	0.3	ug/L	236271	1	9.93	33003100	40.0
2-Pentanone, 4-hy...	5.96	9.3	ug/L	7671450	1	9.93	33003100	40.0
2,5-Dihydrophosph...	22.58	0.3	ug/L	310494	4	22.95	46207900	40.0
Anthracene-d10-	23.11	0.5	ug/L	614769	4	22.95	46207900	40.0
3-(2-Methoxypheny...	34.91	0.4	ug/L	292468	6	34.70	27564300	40.0
4-Pentenoic acid,...	34.97	0.4	ug/L	290310	6	34.70	27564300	40.0