User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 12:04:00

Sample: AE10204
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 12:03 Ended: 5/10/02 12:03 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE10204 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 12:04:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050802\10204.D Vial: 22
Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 09 09:36:40 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 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	5161202	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	20420218	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11025286	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	15890852	40.00	ug/L	0.00
37) Chrysene-d12	30.80	240	11591083	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	6899268	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	524457	8.23	ug/L	0.00
Spiked Amount 10.000			Recovery = 82.30%			
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.	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	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

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Title : 508 Modified GC/MS scan
Last Update : Wed May 08 09:53:56 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	25.09	149	18983	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	0.00	228	0	N.D.	
41) Bis(2-ethylhexyl)phthalate	31.38	149	131007	0.46 ug/L	97
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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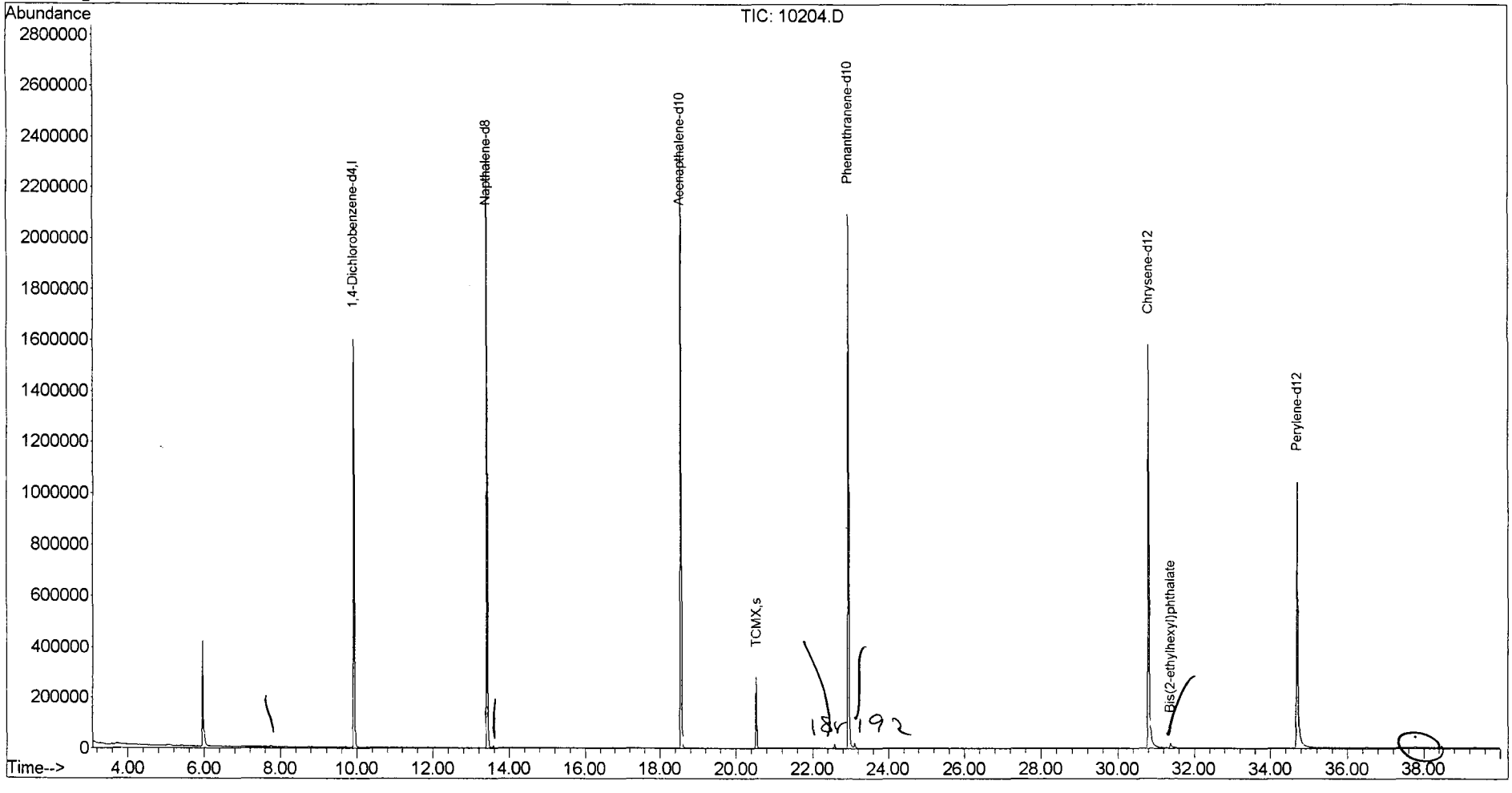
Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 9 13:38 2002 Quant Results File: 050102.RES

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\10204.D
Acq On : 9 May 2002 8:31 am
Sample : 4/30 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 22
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

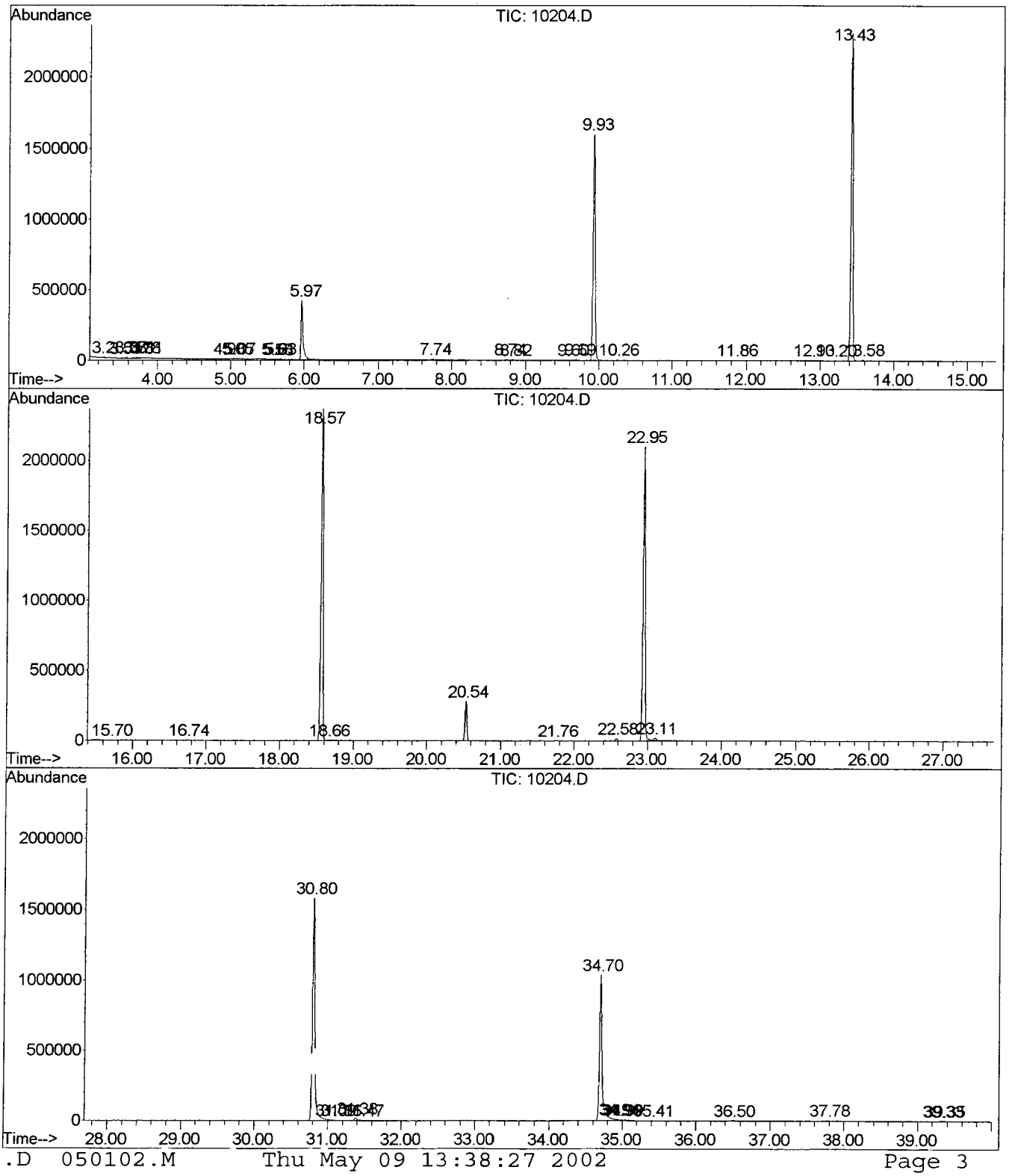
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.279	26	34	39	BV 6	4147	63833	0.14%	0.027%
2	3.514	71	74	79	PV 7	1705	27138	0.06%	0.011%
3	3.584	79	86	94	VV 5	5939	114726	0.25%	0.048%
4	3.714	94	108	118	PV 5	5390	205080	0.45%	0.085%
5	3.784	118	120	123	VV 3	2921	38102	0.08%	0.016%
6	3.808	123	124	134	VV 5	1824	35986	0.08%	0.015%
7	4.930	312	315	322	PV 7	1890	34221	0.08%	0.014%
8	5.047	328	335	338	VV 8	4259	111434	0.25%	0.046%
9	5.071	338	339	356	VV 7	4304	161650	0.36%	0.067%
10	5.582	418	426	428	PV 6	2025	38996	0.09%	0.016%
11	5.606	428	430	432	VV 3	2284	25754	0.06%	0.011%
12	5.629	432	434	441	VV 5	2698	63423	0.14%	0.026%
13	5.964	483	491	517	PV	409625	7968253	17.60%	3.311%
14	7.738	786	793	804	PV 4	5679	159648	0.35%	0.066%
15	8.743	957	964	972	VV 5	4671	106976	0.24%	0.044%
16	8.820	972	977	985	VV 6	2497	53654	0.12%	0.022%
17	9.601	1105	1110	1120	PV 6	2820	64969	0.14%	0.027%
18	9.695	1120	1126	1134	VV 6	2892	78848	0.17%	0.033%
19	9.930	1154	1166	1183	BV	1567696	31164963	68.83%	12.949%
20	10.259	1218	1222	1229	PV 6	3560	65512	0.14%	0.027%
21	11.863	1489	1495	1505	PV 5	2619	39791	0.09%	0.017%
22	12.897	1666	1671	1677	VV 6	1769	42741	0.09%	0.018%
23	13.197	1716	1722	1727	PV 5	2073	39068	0.09%	0.016%
24	13.426	1752	1761	1780	PV	2272227	41818542	92.36%	17.375%
25	13.579	1780	1787	1794	VV 2	7229	115726	0.26%	0.048%
26	15.700	2137	2148	2154	VV 5	2231	55097	0.12%	0.023%
27	16.746	2319	2326	2337	VV 4	4280	77697	0.17%	0.032%
28	18.567	2625	2636	2650	PV	2360405	45278778	100.00%	18.813%
29	18.655	2650	2651	2659	VV 4	1947	31151	0.07%	0.013%
30	20.535	2959	2971	2979	PV	282055	5121274	11.31%	2.128%
31	21.758	3176	3179	3187	PV 3	1483	24313	0.05%	0.010%
32	22.580	3310	3319	3329	VV 3	16853	304909	0.67%	0.127%
33	22.950	3372	3382	3403	PV 2	2061816	43474940	96.02%	18.063%
34	23.109	3403	3409	3425	VV	19529	476217	1.05%	0.198%
35	30.806	4704	4719	4766	PV 2	1562774	36356311	80.29%	15.106%
36	31.088	4766	4767	4777	VV 6	3482	110854	0.24%	0.046%
37	31.159	4777	4779	4788	VV 5	2735	63643	0.14%	0.026%

38	31.382	4806	4817	4830	PV	3	17873	502565	1.11%	0.209%
39	31.470	4830	4832	4837	VV	4	2381	39075	0.09%	0.016%
40	34.702	5370	5382	5421	PV		1022465	25445129	56.20%	10.572%
41	34.937	5421	5422	5425	VV	2	8114	115923	0.26%	0.048%
42	34.960	5425	5426	5430	VV	4	6018	91168	0.20%	0.038%
43	34.995	5430	5432	5441	VV	7	5161	158794	0.35%	0.066%
44	35.407	5498	5502	5509	VV	6	2680	59907	0.13%	0.025%
45	36.499	5678	5688	5697	VV	10	2340	78795	0.17%	0.033%
46	37.780	5889	5906	5916	PV	9	2716	90661	0.20%	0.038%
47	39.326	6160	6169	6170	VV	5	1922	36409	0.08%	0.015%
48	39.349	6170	6173	6184	VV	7	2267	49522	0.11%	0.021%

Sum of corrected areas: 240682166

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050802\10204.D
Operator : Mclean
Acquired : 9 May 2002 8:31 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/30 eh
Misc Info :
Vial Number: 22
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\10204.D Vial: 22
Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

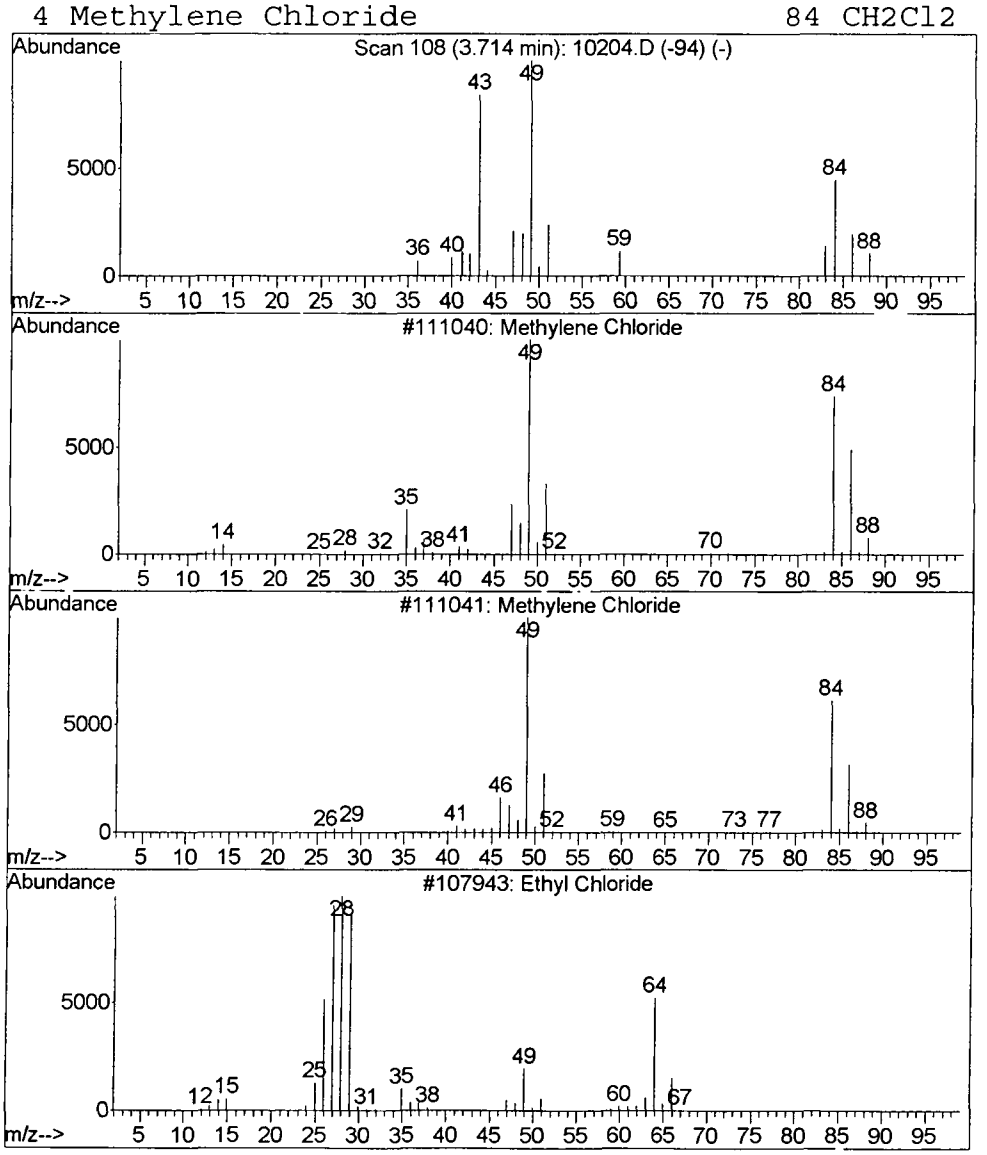
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

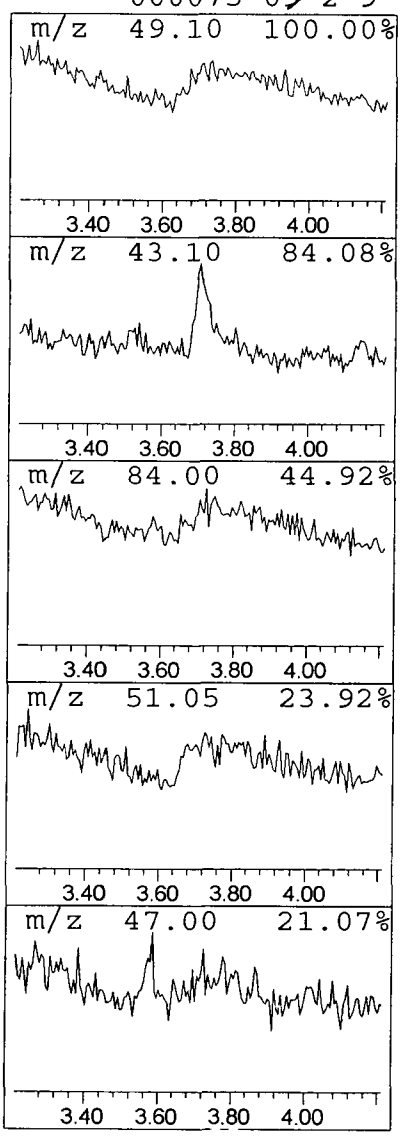
****

Peak Number 1 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	0.26 ug/L	205080	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	80
2	Methylene Chloride	84	CH2Cl2	000075-09-2	72
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
4	Methylene Chloride	84	CH2Cl2	000075-09-2	9





Library Search Compound Report

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Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

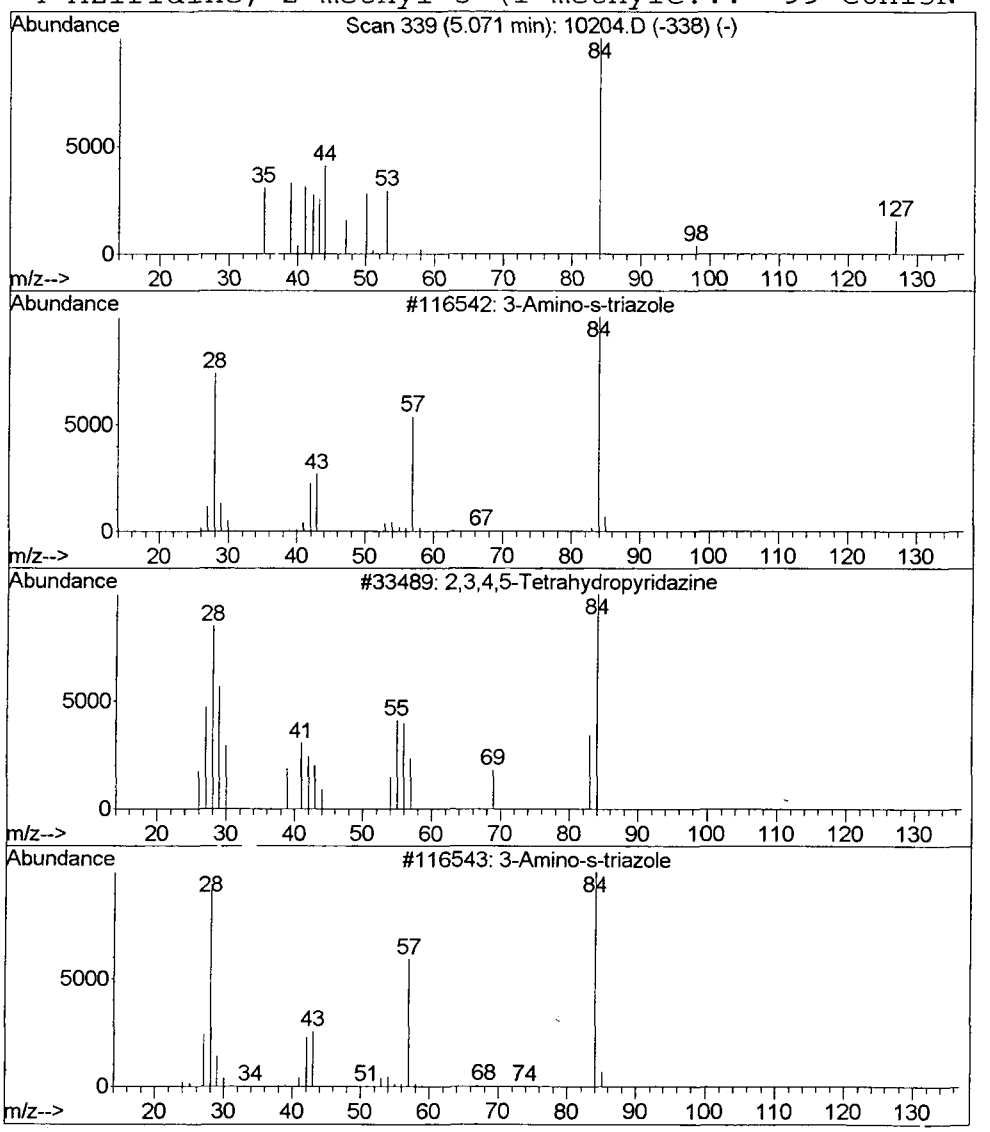
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

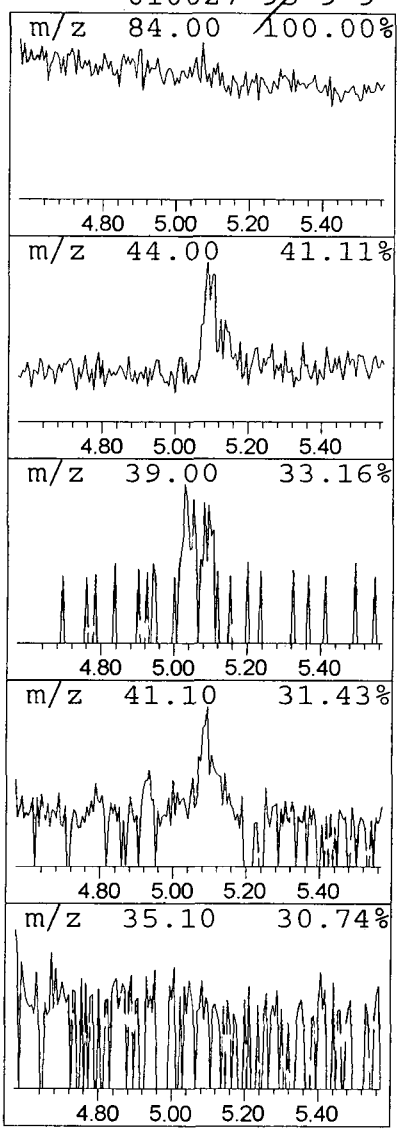
****

Peak Number 2 3-Amino-s-triazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	0.21 ug/L	161650	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-s-triazole	84	C2H4N4	000061-82-5	9
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	9
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	9
4	Aziridine, 2-methyl-3-(1-methyle...	99	C6H13N	010027-95-9	9





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Sample : 4/30 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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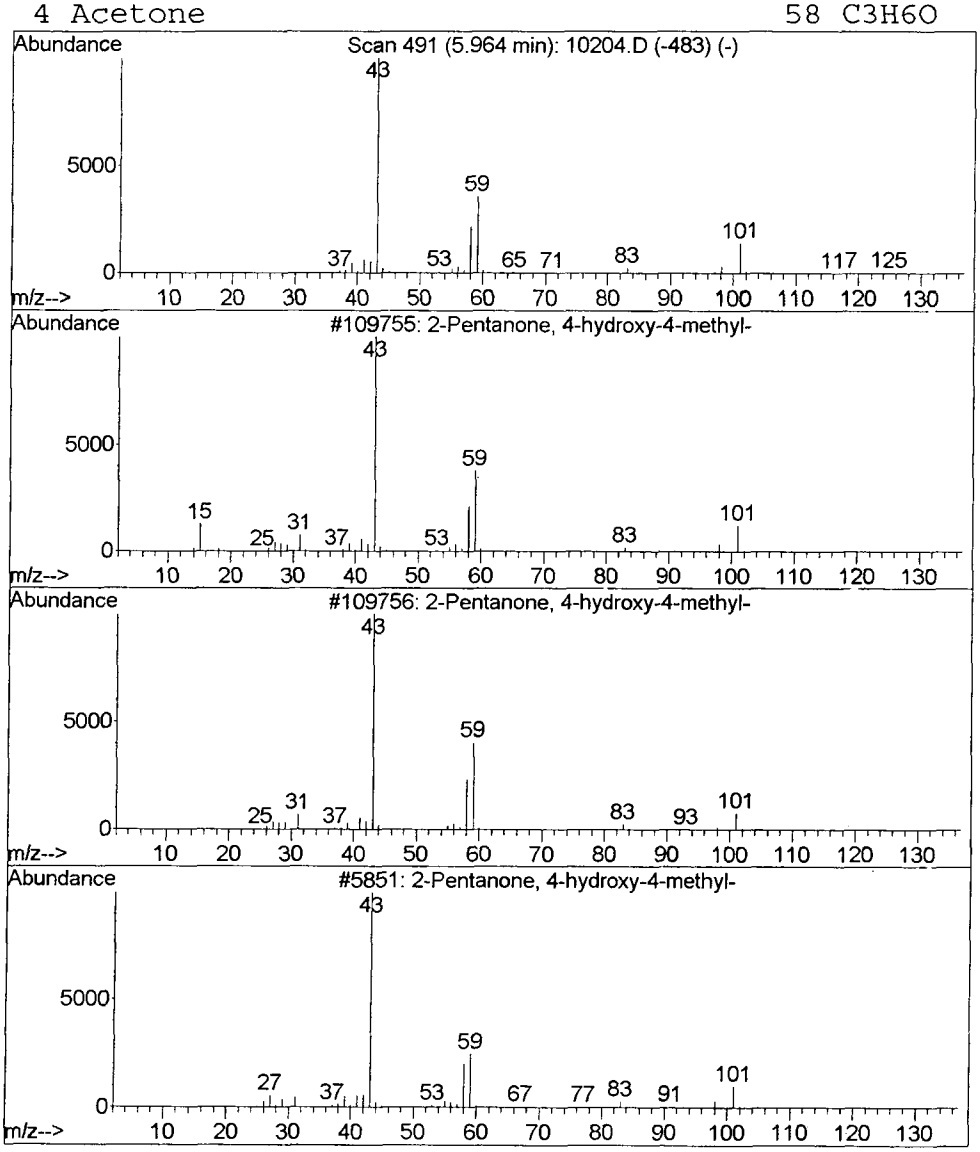
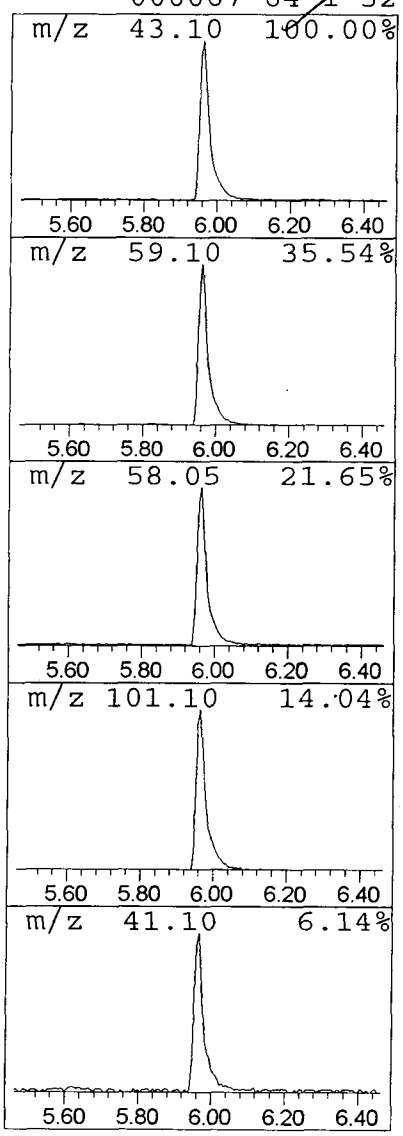
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.23 ug/L	7968250	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	86
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	Acetone	58	C3H6O	000067-64-1	32





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Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

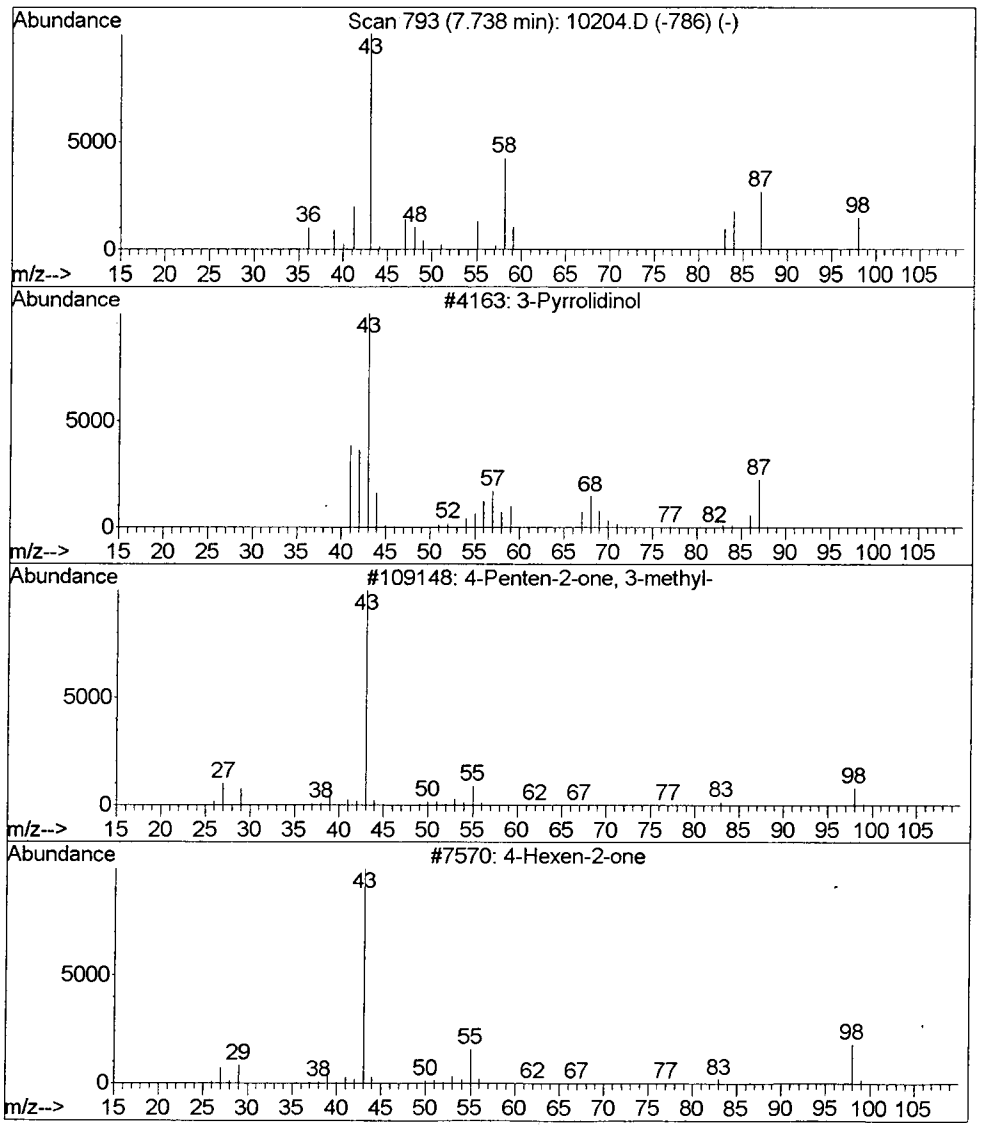
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

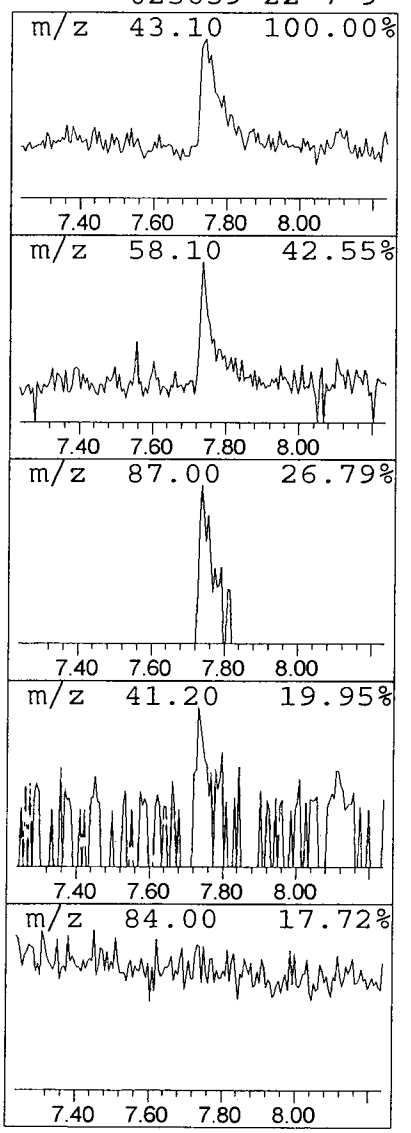
****

Peak Number 4 3-Pyrrolidinol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.20 ug/L	159648	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
2	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
3	4-Hexen-2-one	98	C6H10O	025659-22-7	9
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9





Library Search Compound Report

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Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 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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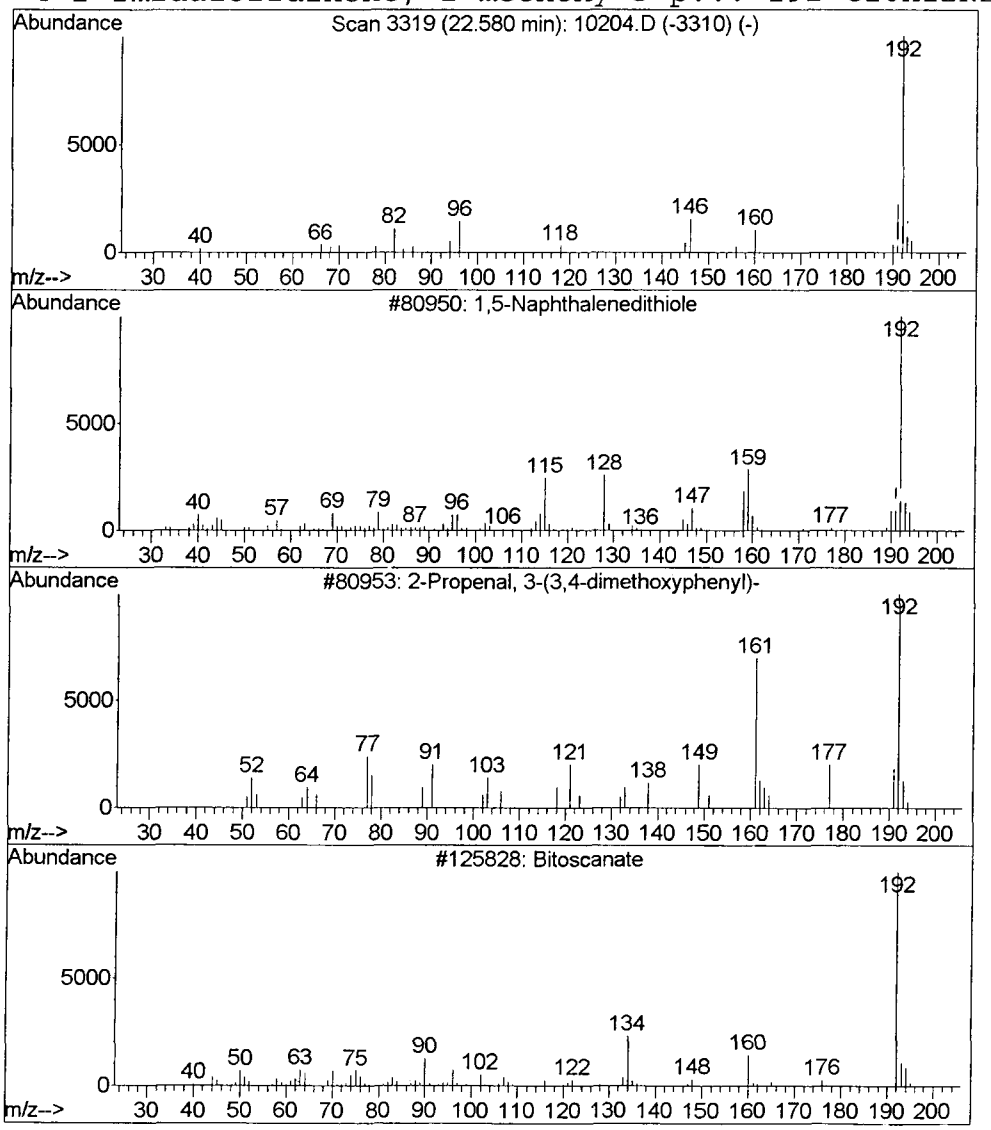
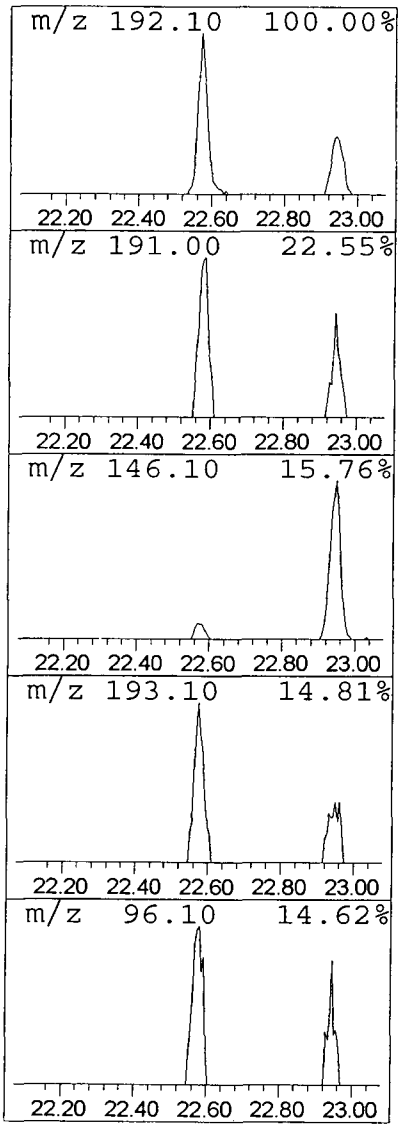
Peak Number 5 1,5-Naphthalenedithiole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.28 ug/L	304909	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	50
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
3	Bitoscanate	192	C8H4N2S2	004044-65-9	42
4	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	37





Library Search Compound Report

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Acq On : 9 May 2002 8:31 am Operator: Mclean
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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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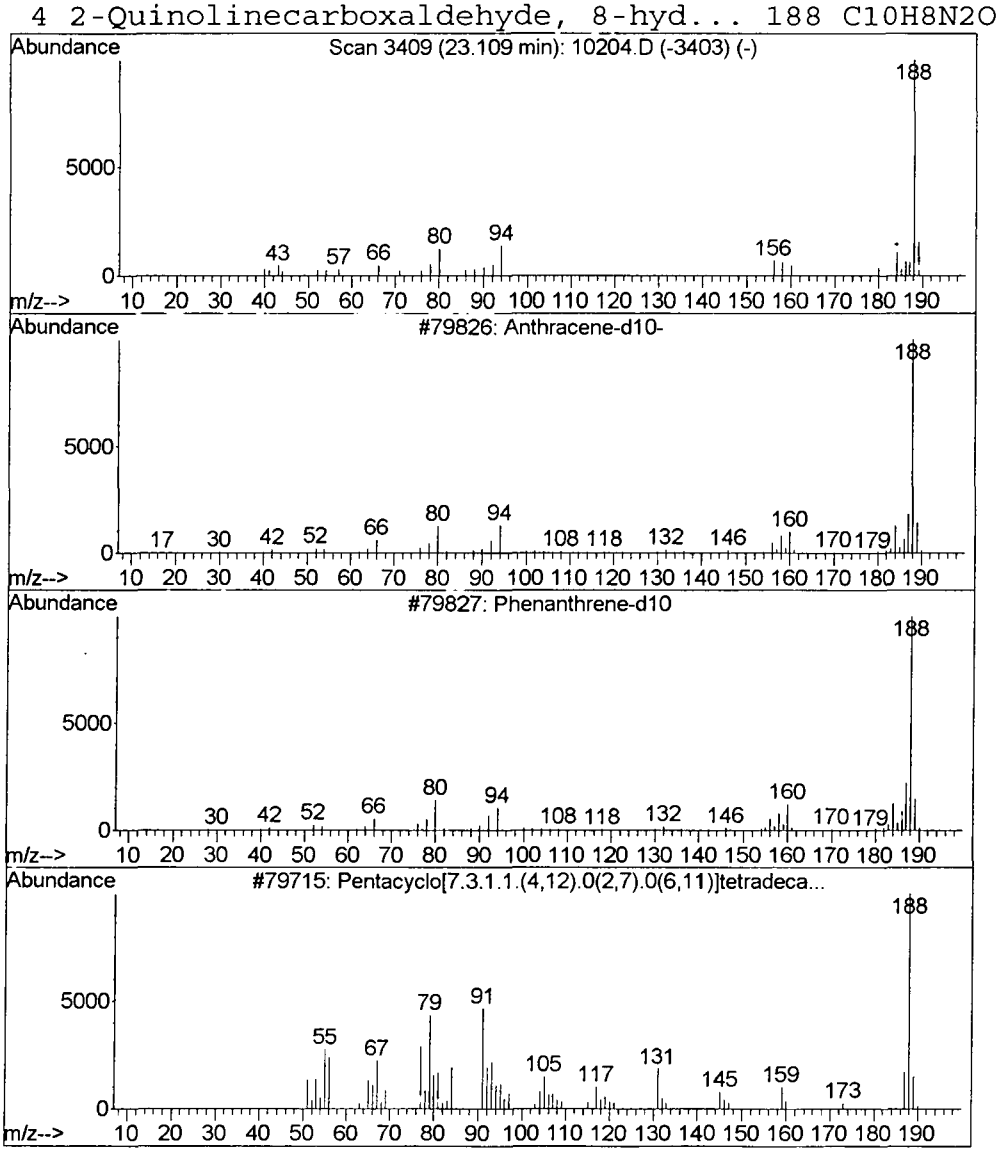
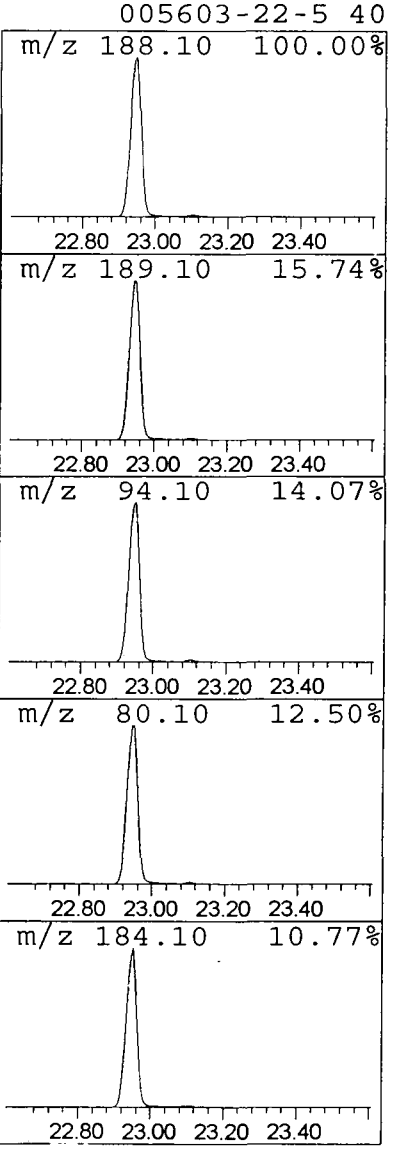
Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.44 ug/L	476217	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	50
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050802\10204.D Vial: 22
Acq On : 9 May 2002 8:31 am Operator: Mclean
Sample : 4/30 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

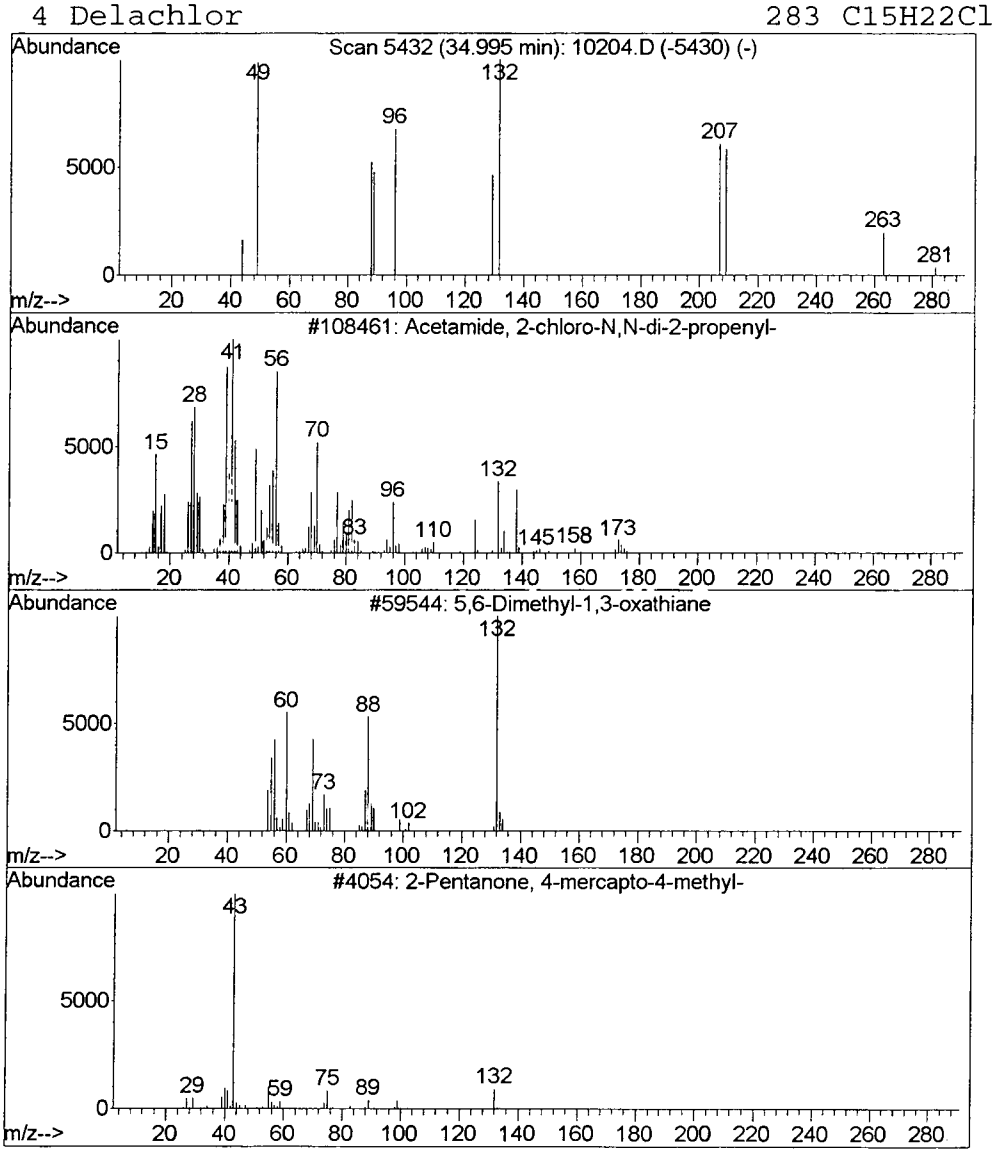
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

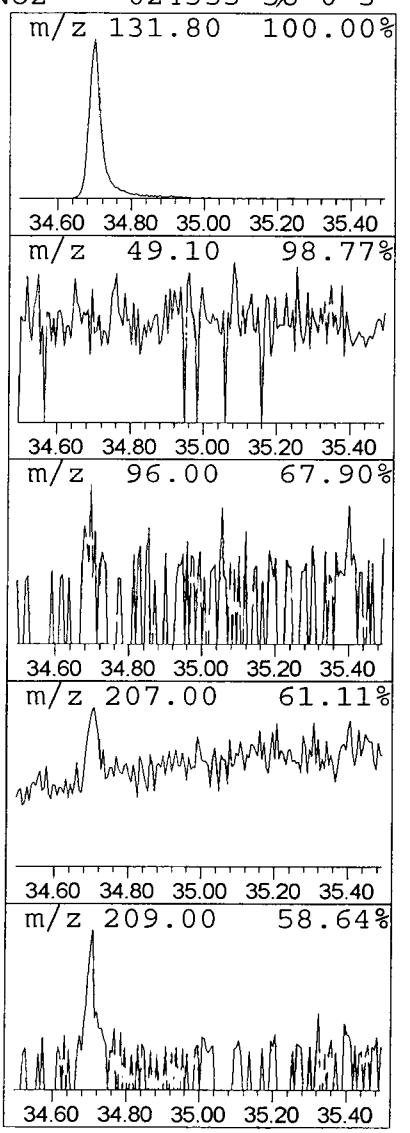
****

Peak Number 7 Acetamide, 2-chloro-N,N-di-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.99	0.25 ug/L	158794	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-chloro-N,N-di-2-pro...	173	C8H12ClNO	000093-71-0	9
2	5,6-Dimethyl-1,3-oxathiane	132	C6H12OS	114288-74-3	5
3	2-Pentanone, 4-mercapto-4-methyl-	132	C6H12OS	019872-52-7	3
4	Delachlor	283	C15H22ClNO2	024353-58-0	3





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 9 May 2002 8:31 am
Data File: C:\MSDCHEM\1\DATA\050802\10204.D
Name: 4/30 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
Methylene Chloride	3.71	0.3	ug/L	205080	1	9.93	31165000	40.0
3-Amino-s-triazole	5.07	0.2	ug/L	161650	1	9.93	31165000	40.0
2-Pentanone, 4-hy...	5.97	10.2	ug/L	7968250	1	9.93	31165000	40.0
3-Pyrrolidinol	7.74	0.2	ug/L	159648	1	9.93	31165000	40.0
1,5-Naphthalenedi...	22.58	0.3	ug/L	304909	4	22.95	43474900	40.0
Anthracene-d10-	23.11	0.4	ug/L	476217	4	22.95	43474900	40.0
Acetamide, 2-chlo...	34.99	0.2	ug/L	158794	6	34.70	25445100	40.0