User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 11:39:30

Sample: AE09334
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:38 Ended: 5/8/02 11:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE09334 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 11:43:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The Surrogate Standard recovery was 61%. This sample will be reanalyzed.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\9334.D Vial: 12
Acq On : 2 May 2002 8:38 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 13:57:30 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

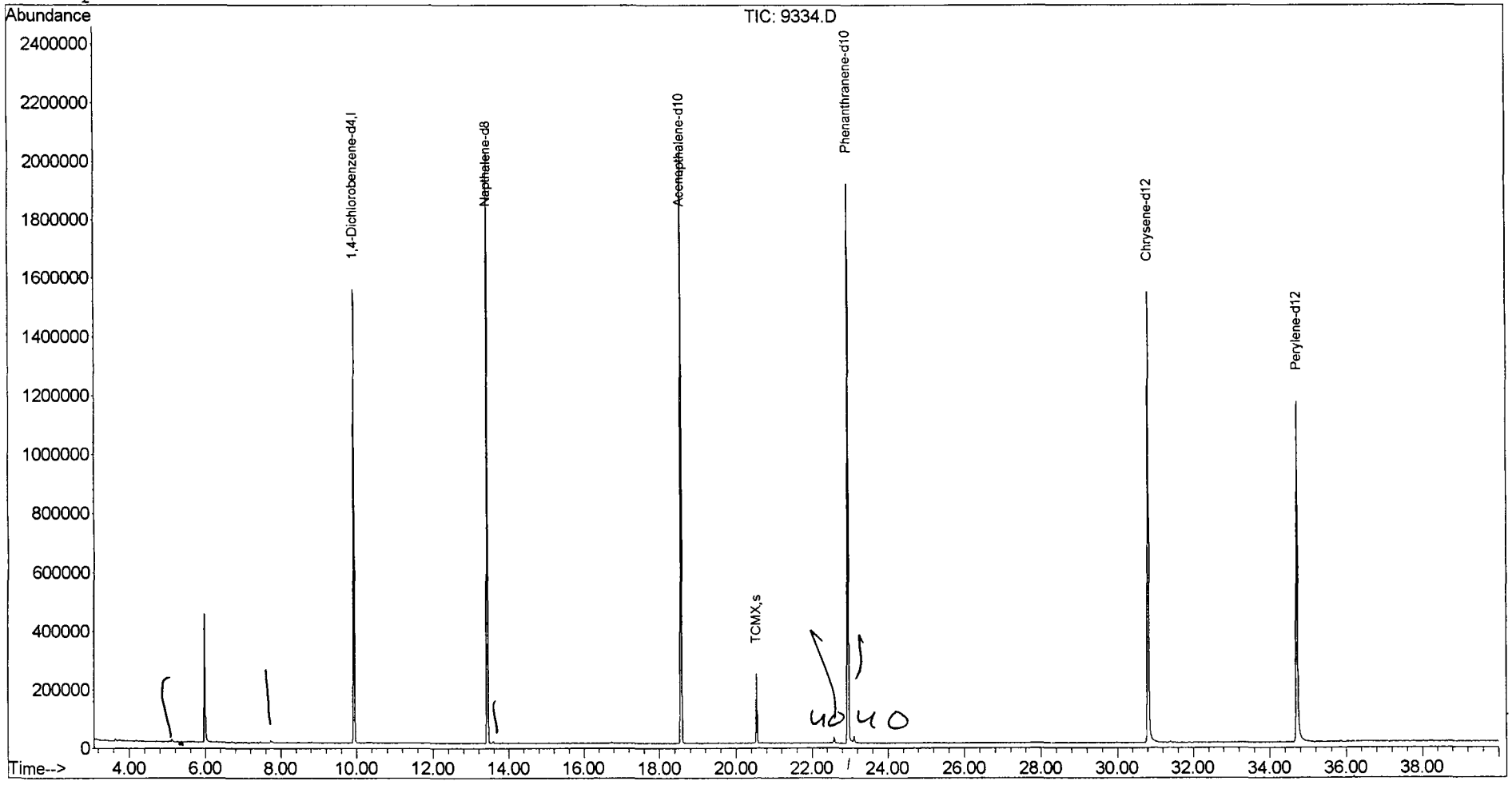
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4640590	40.00	ug/L	0.01
10) Napthalene-d8	13.43	136	18658186	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10108794	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	14833212	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	11836192	40.00	ug/L	0.00
43) Perylene-d12	34.72	264	8387893	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	431434	6.08	ug/L	0.00
Spiked Amount 10.000			Recovery =	60.80%		
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\9334.D Vial: 12
Acq On : 2 May 2002 8:38 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 13:57 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

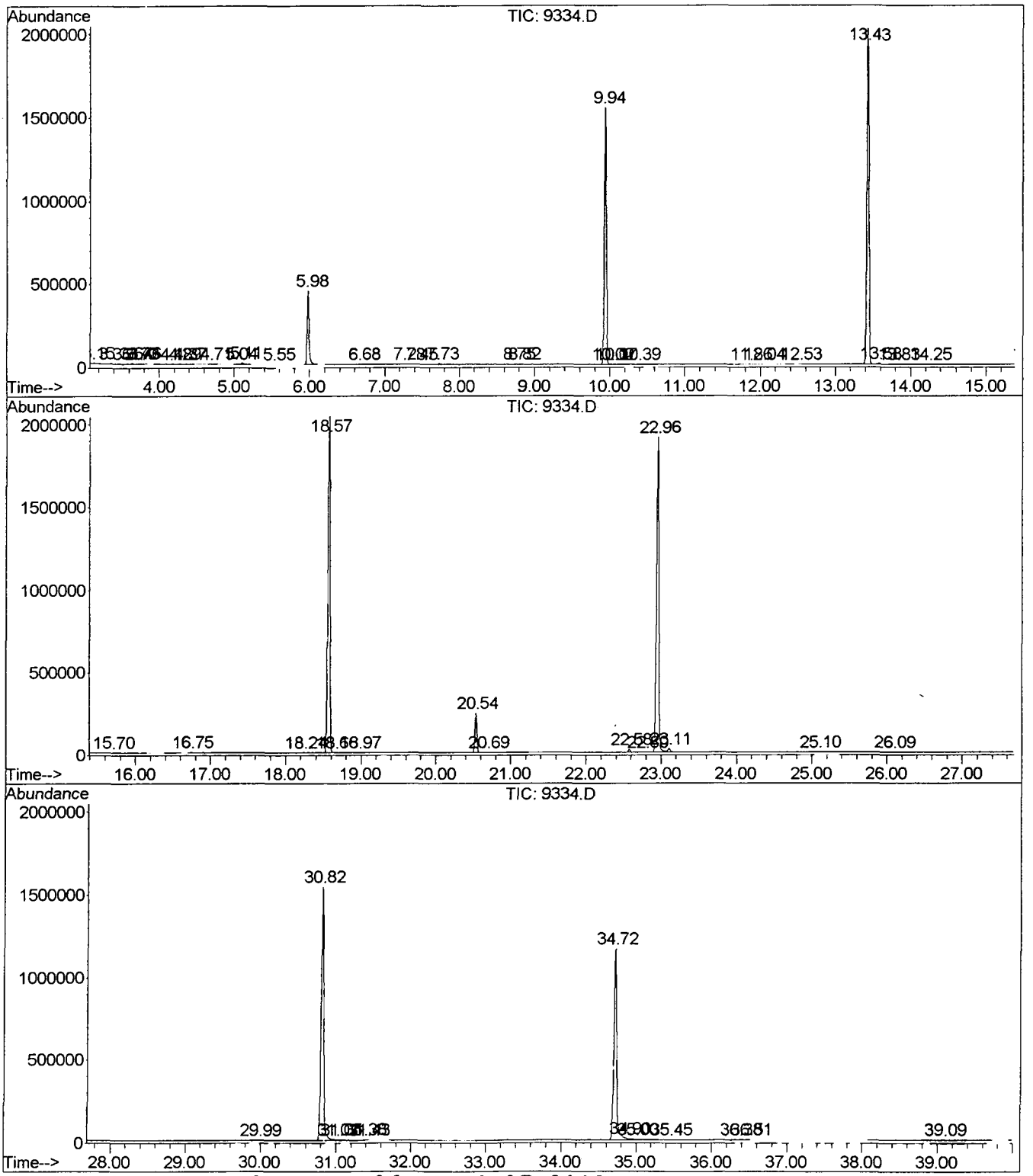
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	7	11	27	PV 5	2575	69022	0.17%	0.030%
2	3.361	42	48	53	VV 6	3271	55143	0.13%	0.024%
3	3.643	89	96	101	PV 2	7613	144450	0.35%	0.062%
4	3.702	101	106	107	VV 4	2440	42209	0.10%	0.018%
5	3.731	107	111	114	VV 5	4187	73091	0.18%	0.031%
6	3.761	114	116	122	VV 2	5522	100685	0.24%	0.043%
7	4.178	181	187	199	VV 9	2948	98350	0.24%	0.042%
8	4.290	199	206	212	PV 8	2541	64990	0.16%	0.028%
9	4.366	212	219	223	VV 6	1536	28570	0.07%	0.012%
10	4.713	275	278	285	PV 4	1807	36998	0.09%	0.016%
11	5.048	325	335	339	VV 6	3428	74277	0.18%	0.032%
12	5.112	339	346	363	VV 5	9694	226855	0.55%	0.098%
13	5.547	418	420	425	VV 5	2221	39085	0.09%	0.017%
14	5.982	483	494	527	VV	426270	7654993	18.45%	3.296%
15	6.681	607	613	615	PV 3	1782	28209	0.07%	0.012%
16	7.274	712	714	719	VV 4	1722	25255	0.06%	0.011%
17	7.451	737	744	752	VV 4	2768	75514	0.18%	0.033%
18	7.733	788	792	805	PV 3	7401	192327	0.46%	0.083%
19	8.743	961	964	972	VV 3	2222	40334	0.10%	0.017%
20	8.820	972	977	991	VV 6	2831	65315	0.16%	0.028%
21	9.942	1159	1168	1180	PV	1530548	28214453	68.01%	12.150%
22	10.024	1180	1182	1186	VV 2	2240	26837	0.06%	0.012%
23	10.065	1186	1189	1199	VV 6	2244	49173	0.12%	0.021%
24	10.388	1236	1244	1250	VV 7	2883	71542	0.17%	0.031%
25	11.863	1489	1495	1499	VV 5	3085	53837	0.13%	0.023%
26	12.040	1520	1525	1530	VV 4	1980	38098	0.09%	0.016%
27	12.527	1604	1608	1612	VV 3	2039	28783	0.07%	0.012%
28	13.432	1751	1762	1781	PV	1985168	38200663	92.08%	16.450%
29	13.585	1781	1788	1798	VV 3	6916	169705	0.41%	0.073%
30	13.832	1826	1830	1833	VV 2	2113	32962	0.08%	0.014%
31	14.255	1899	1902	1906	VV 3	1883	23158	0.06%	0.010%
32	15.700	2142	2148	2153	VV 3	2669	50880	0.12%	0.022%
33	16.746	2321	2326	2330	VV 3	4226	73615	0.18%	0.032%
34	18.244	2575	2581	2590	VV 5	2251	51292	0.12%	0.022%
35	18.573	2626	2637	2650	VV	2036938	41486350	100.00%	17.865%
36	18.655	2650	2651	2657	VV 3	2749	43843	0.11%	0.019%
37	18.967	2699	2704	2707	VV 3	2639	41307	0.10%	0.018%

38	20.541	2962	2972	2982	VV		[illegible]	[illegible]	[illegible]	[illegible]
39	20.688	2993	2997	3008	VV	4	2794	63406	0.15%	0.027%
40	22.580	3312	3319	3330	VV	3	18919	357772	0.86%	0.154%
41	22.804	3351	3357	3360	VV	2	1833	26116	0.06%	0.011%
42	22.962	3372	3384	3403	PV	2	1884616	40735990	98.19%	17.542%
43	23.109	3403	3409	3419	VV		22384	486216	1.17%	0.209%
44	25.095	3736	3747	3752	PV	2	3481	80561	0.19%	0.035%
45	26.088	3900	3916	3923	VV		1380	32382	0.08%	0.014%
46	29.984	4571	4579	4582	PV	2	1332	16143	0.04%	0.007%
47	30.818	4707	4721	4752	VV	2	1520975	37144317	89.53%	15.996%
48	31.006	4752	4753	4758	VV	4	4946	69785	0.17%	0.030%
49	31.053	4758	4761	4766	VV	3	3841	89776	0.22%	0.039%
50	31.382	4808	4817	4823	PV	5	3152	77321	0.19%	0.033%
51	31.429	4823	4825	4826	VV		1067	6434	0.02%	0.003%
52	34.719	5367	5385	5415	PV	2	1162584	30562076	73.67%	13.161%
53	34.901	5415	5416	5432	VV	5	7425	283322	0.68%	0.122%
54	35.001	5432	5433	5445	VV	4	3257	114002	0.27%	0.049%
55	35.454	5504	5510	5516	PV	4	1375	21379	0.05%	0.009%
56	36.376	5662	5667	5669	PV	2	1488	20663	0.05%	0.009%
57	36.511	5688	5690	5692	PV	3	1097	5069	0.01%	0.002%
58	39.091	6126	6129	6134	PV	3	1588	19831	0.05%	0.009%

Sum of corrected areas: 232215822

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050202\9334.D
Operator : Mclean
Acquired : 2 May 2002 8:38 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/29
Misc Info :
Vial Number: 12
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

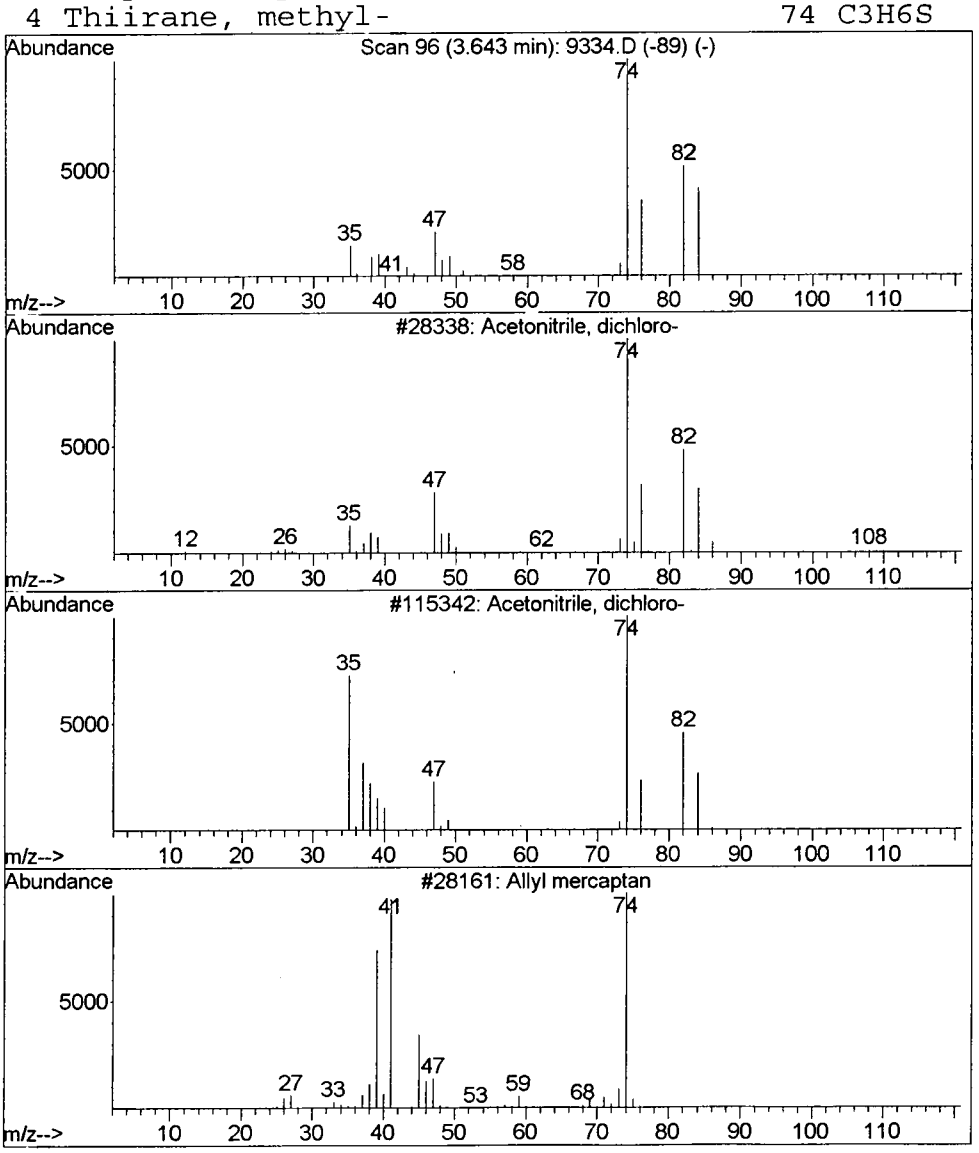
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

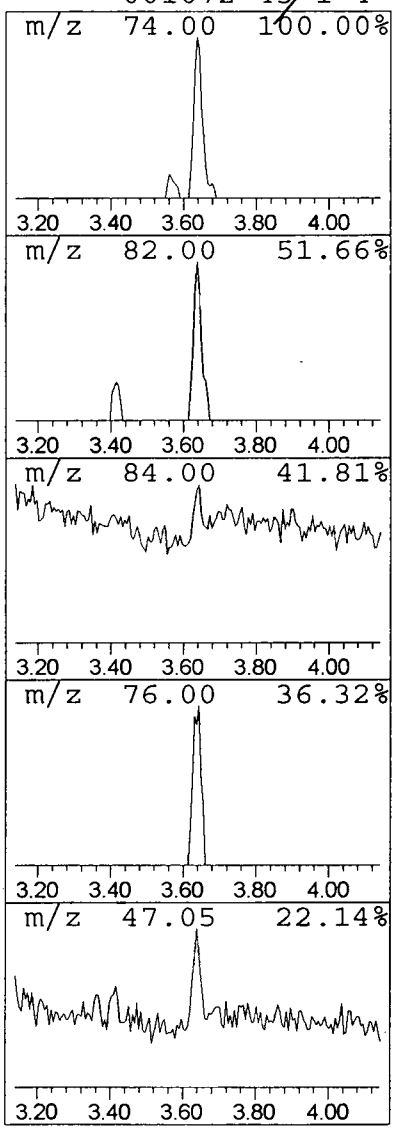
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.20 ug/L	144450	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	Allyl mercaptan	74	C3H6S	000870-23-5	7
4	Thiirane, methyl-	74	C3H6S	001072-43-1	4





Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

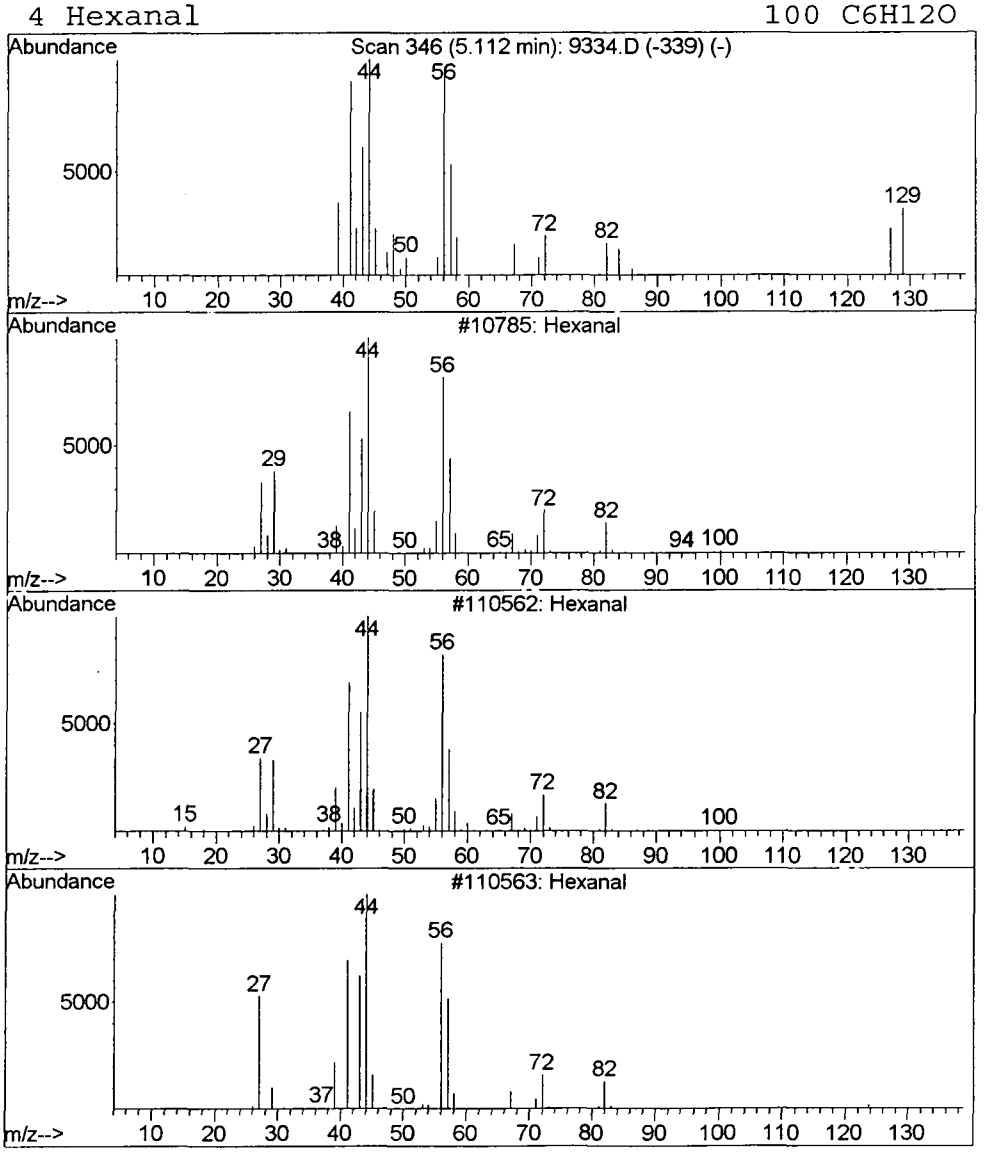
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

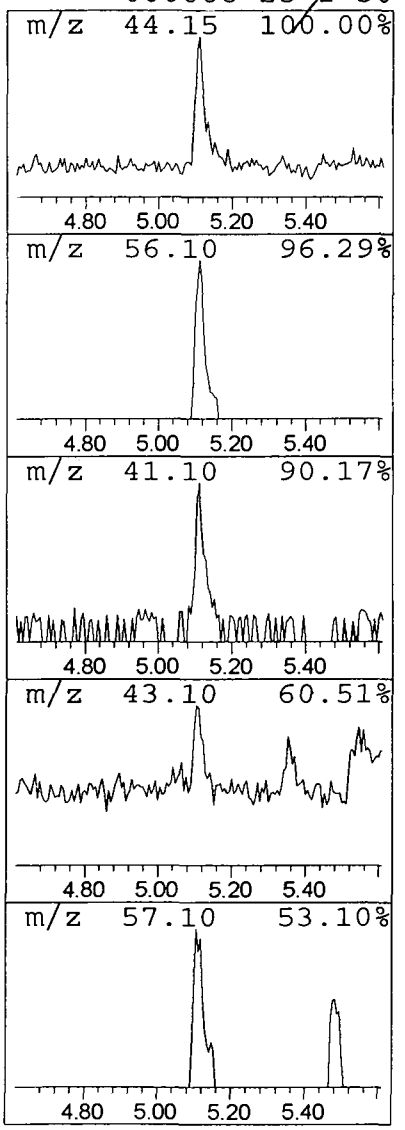
****

Peak Number 2 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	0.32 ug/L	226855	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	52
2	Hexanal	100	C6H12O	000066-25-1	50
3	Hexanal	100	C6H12O	000066-25-1	50
4	Hexanal	100	C6H12O	000066-25-1	50





Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

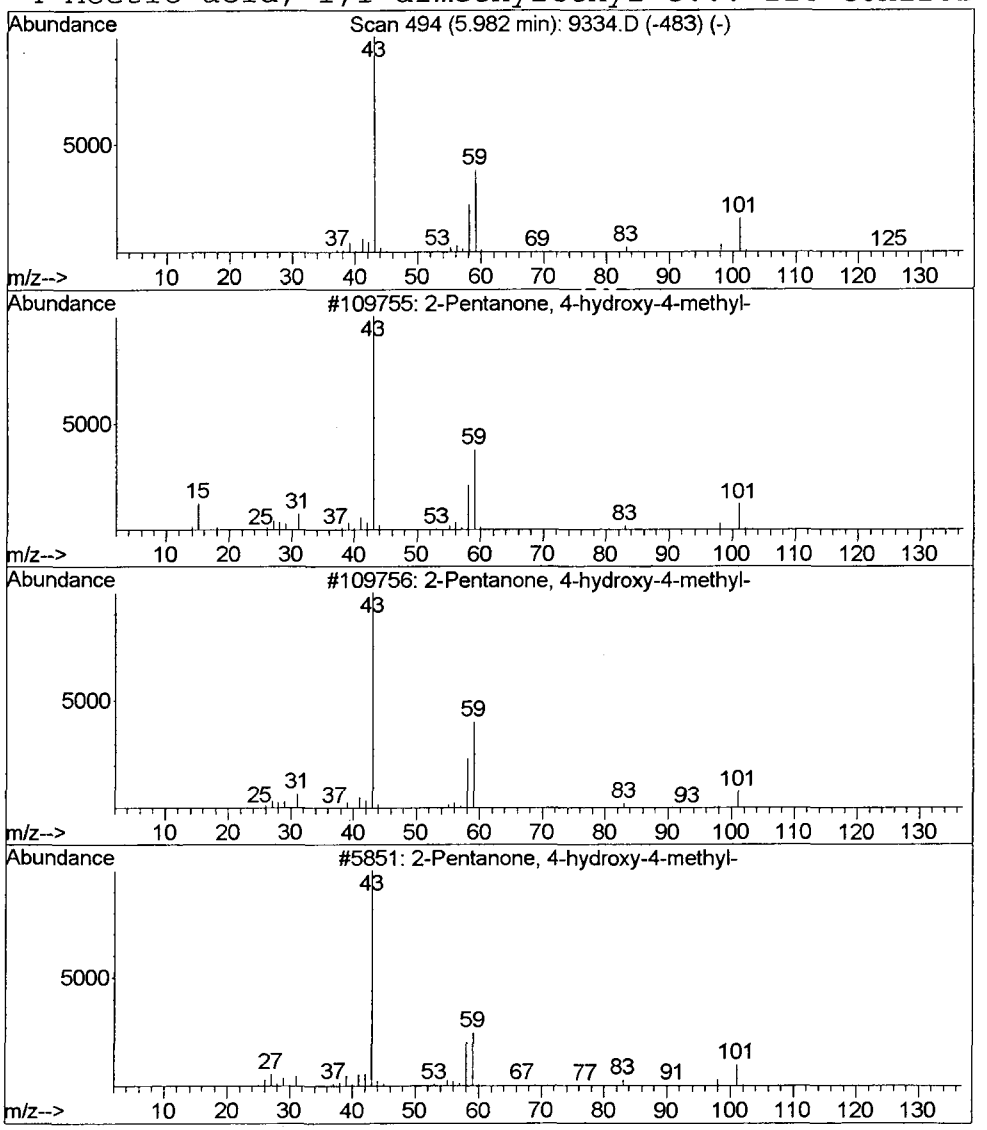
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

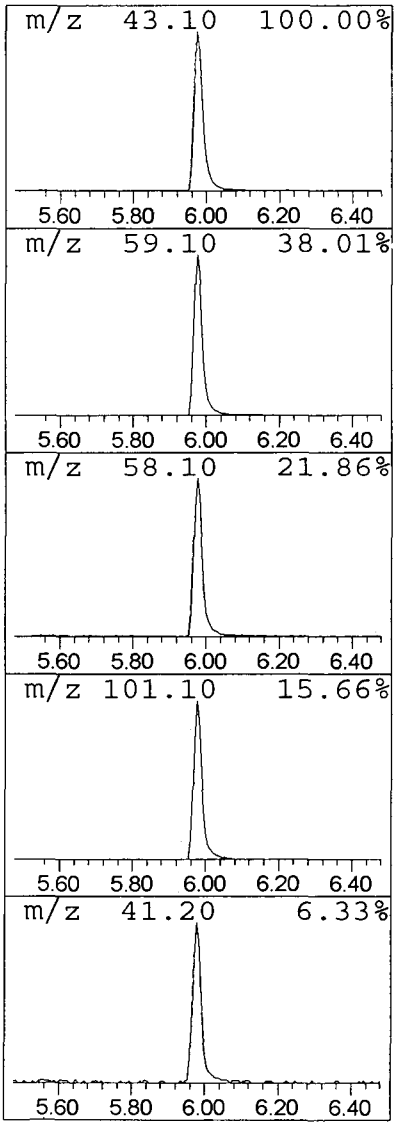
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	10.85 ug/L	7654990	1,4-Dichlorobenzene-d4	9.94

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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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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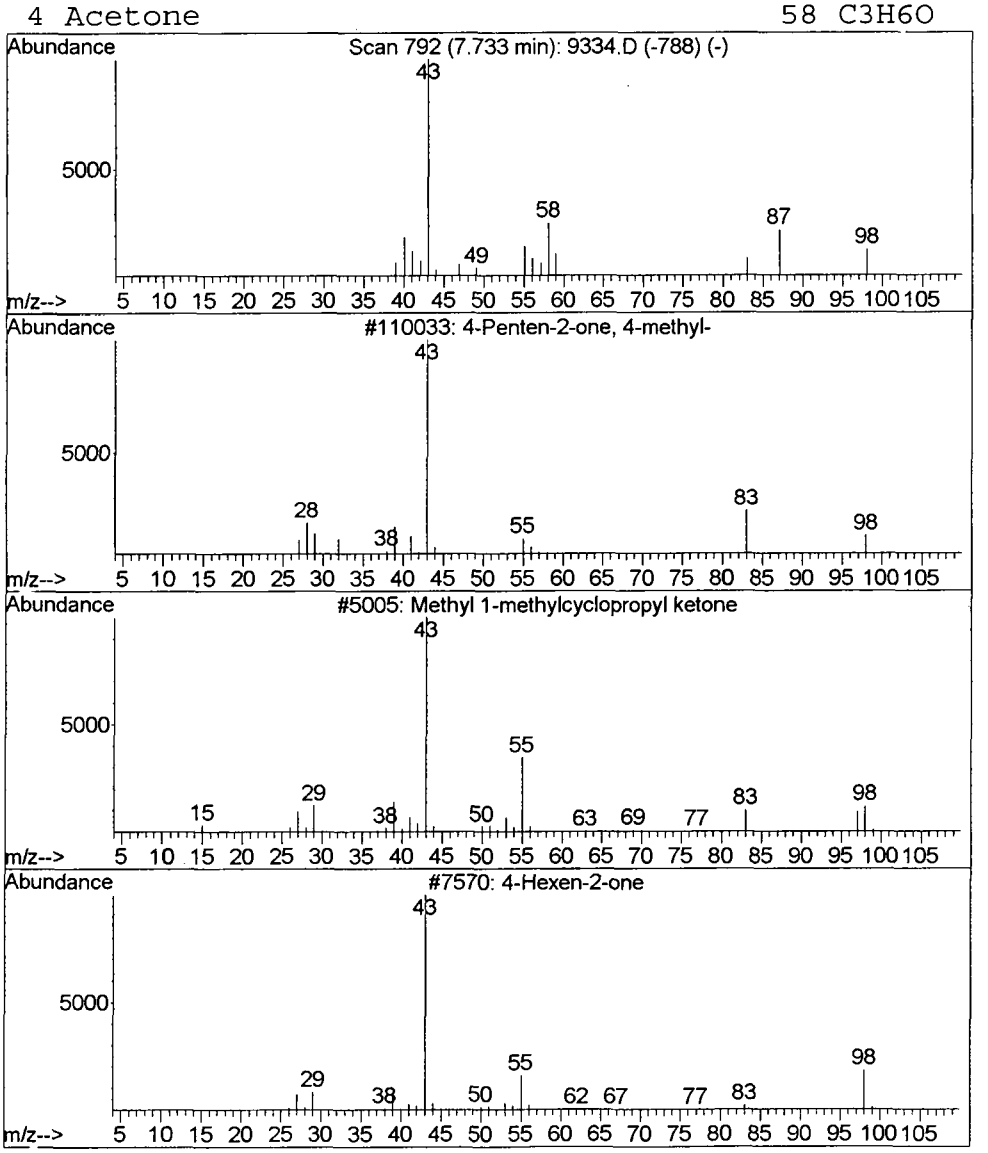
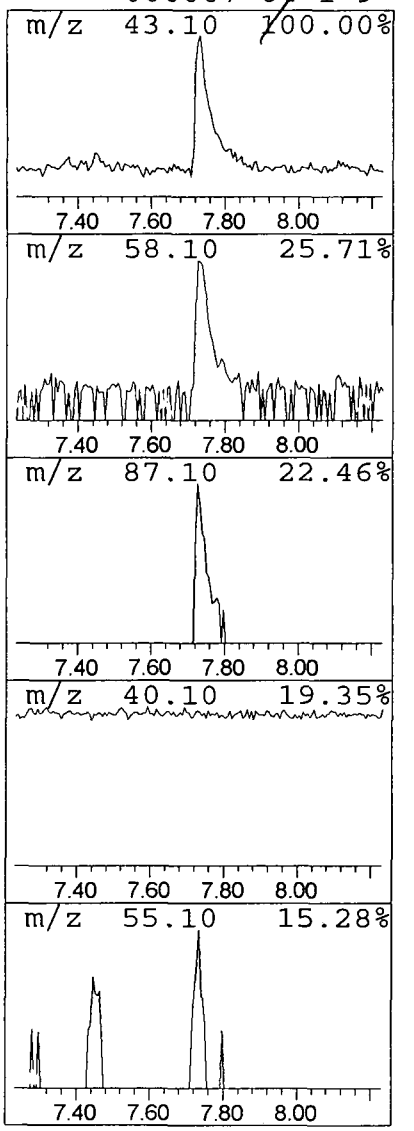
Peak Number 4 4-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.27 ug/L	192327	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	16
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	10
3	4-Hexen-2-one	98	C6H10O	025659-22-7	10
4	Acetone	58	C3H6O	000067-64-1	9





Data File : C:\MSDCHEM\1\DATA\050202\9334.D
Acq On : 2 May 2002 8:38 pm
Sample : 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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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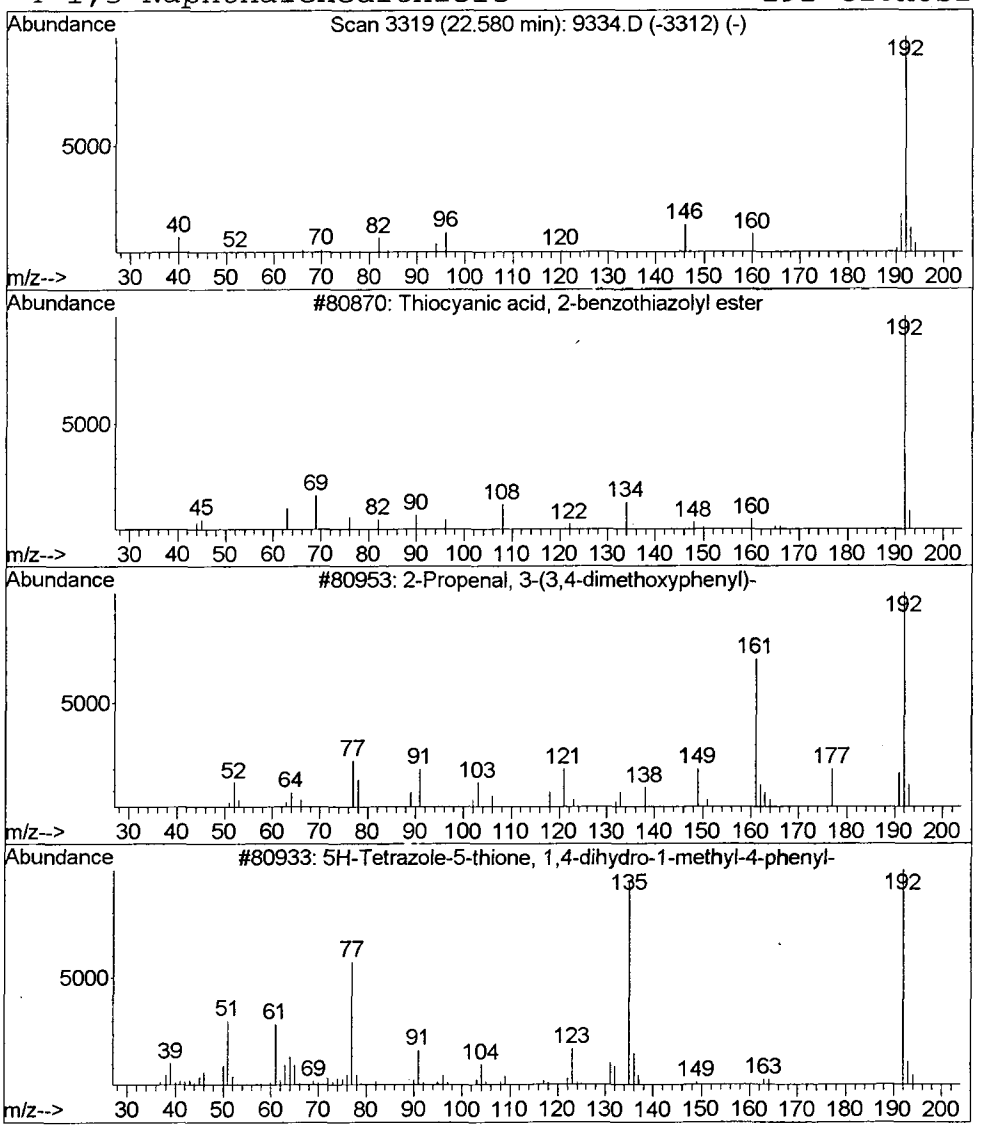
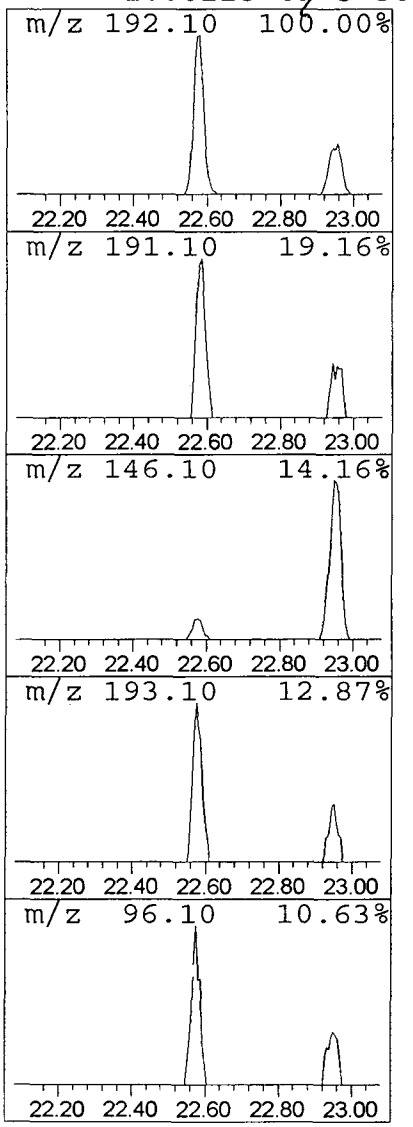
Peak Number 5 Thiocyanic acid, 2-benzothi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.35 ug/L	357772	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
3	5H-Tetrazole-5-thione, 1,4-dihyd...	192	C8H8N4S	1000142-22-5	40
4	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38





Data File : C:\MSDCHEM\1\DATA\050202\9334.D Vial: 12
Acq On : 2 May 2002 8:38 pm Operator: Mclean
Sample : 4/29 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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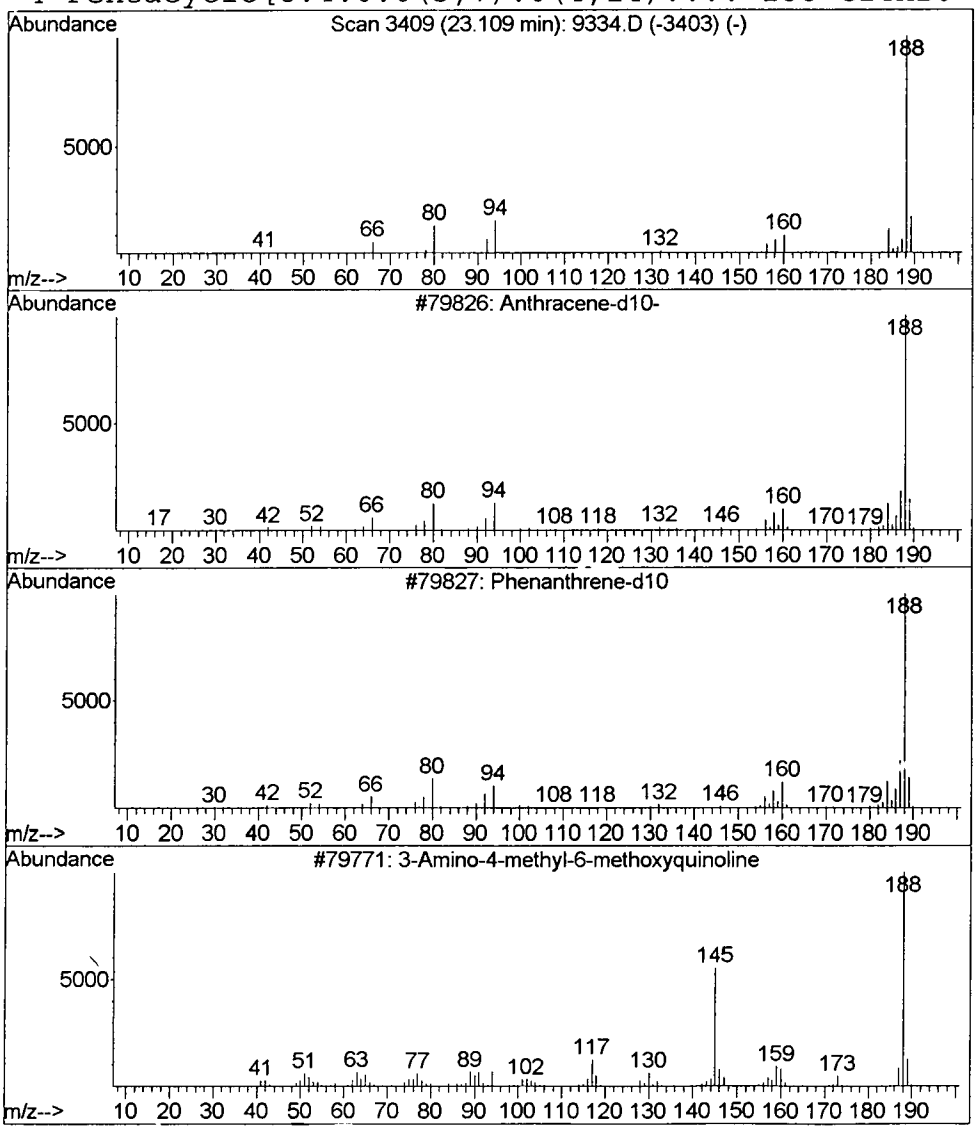
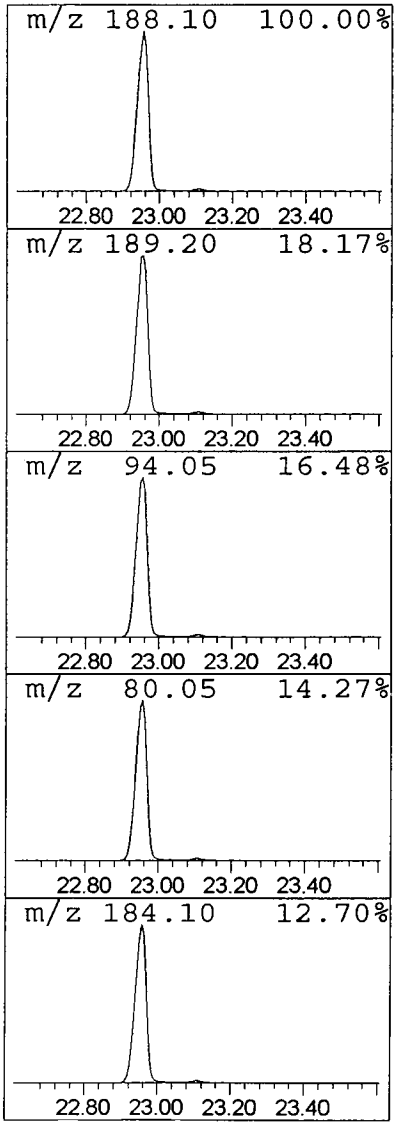
Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.48 ug/L	486216	Phenanthranene-d10	22.96

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	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	36





Data File : C:\MSDCHEM\1\DATA\050202\9334.D Vial: 12
Acq On : 2 May 2002 8:38 pm Operator: Mclean
Sample : 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

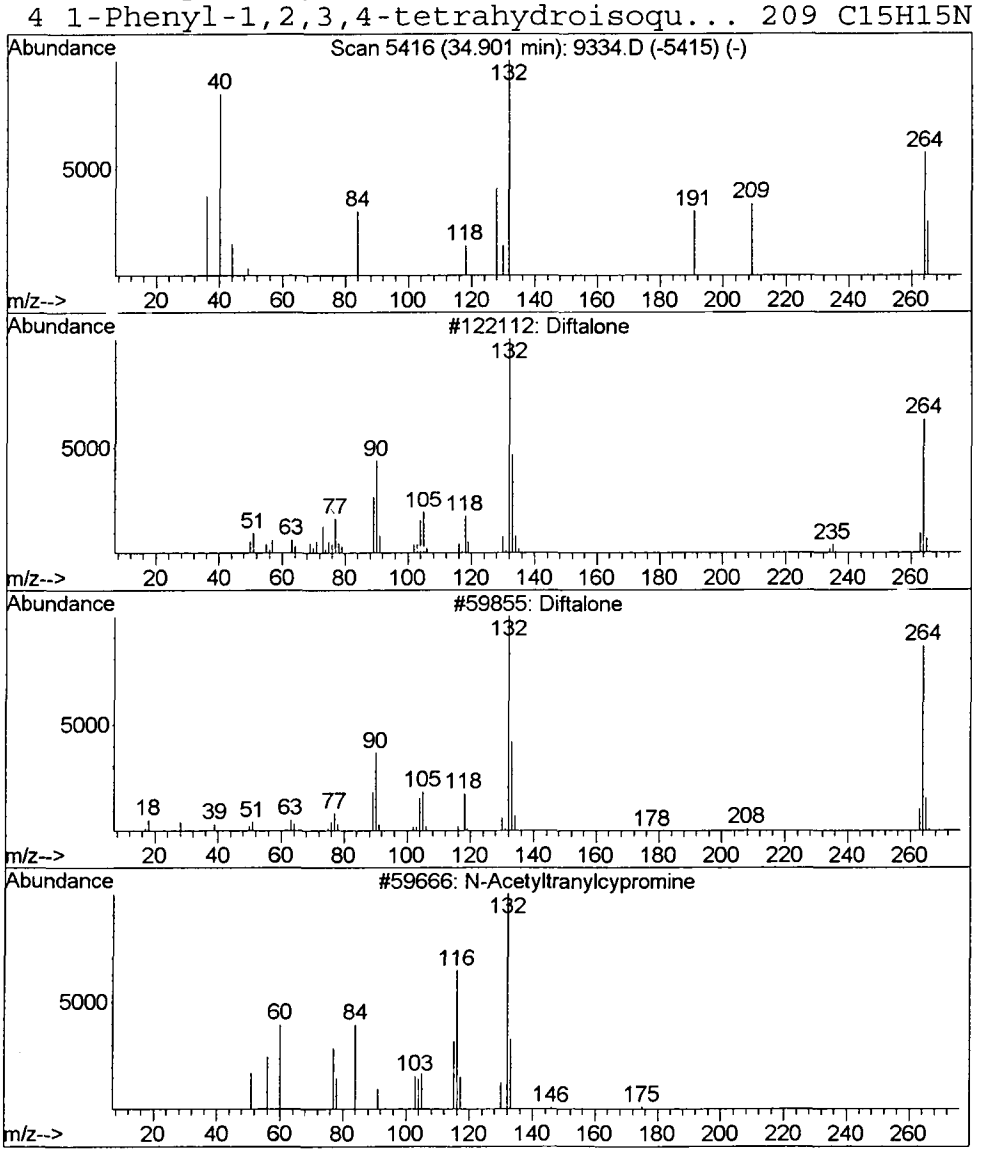
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

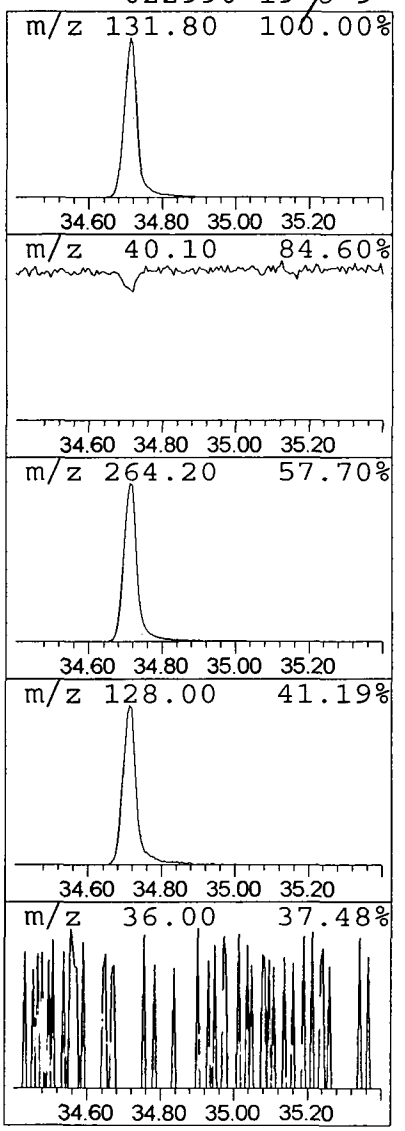
****

Peak Number 7 Diftalone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.37 ug/L	283322	Perylene-d12	34.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diftalone	264	C16H12N2O2	021626-89-1	42
2	Diftalone	264	C16H12N2O2	021626-89-1	37
3	N-Acetyltranylcypromine	175	C11H13NO	078682-61-8	16
4	1-Phenyl-1,2,3,4-tetrahydroisoqu...	209	C15H15N	022990-19-8	9





Operator ID: Mclean Date Acquired: 2 May 2002 8:38 pm
Data File: C:\MSDCHEM\1\DATA\050202\9334.D
Name: 4/29
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
Acetonitrile, dic...	3.64	0.2	ug/L	144450	1	9.94	28214500	40.0
Hexanal	5.11	0.3	ug/L	226855	1	9.94	28214500	40.0
2-Pentanone, 4-hy...	5.98	10.9	ug/L	7654990	1	9.94	28214500	40.0
4-Penten-2-one, 4...	7.73	0.3	ug/L	192327	1	9.94	28214500	40.0
Thiocyanic acid, ...	22.58	0.4	ug/L	357772	4	22.96	40736000	40.0
Anthracene-d10-	23.11	0.5	ug/L	486216	4	22.96	40736000	40.0
Diftalone	34.90	0.4	ug/L	283322	6	34.72	30562100	40.0