User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 11:46:35

Sample: AE06339
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 11:45 Ended: 5/3/02 11:45 Analyst: DLV
Page: 1

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

Comments for Sample AE06339 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 11:47:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample was extracted and analyzed twice.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 10:38:45 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 10:37:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

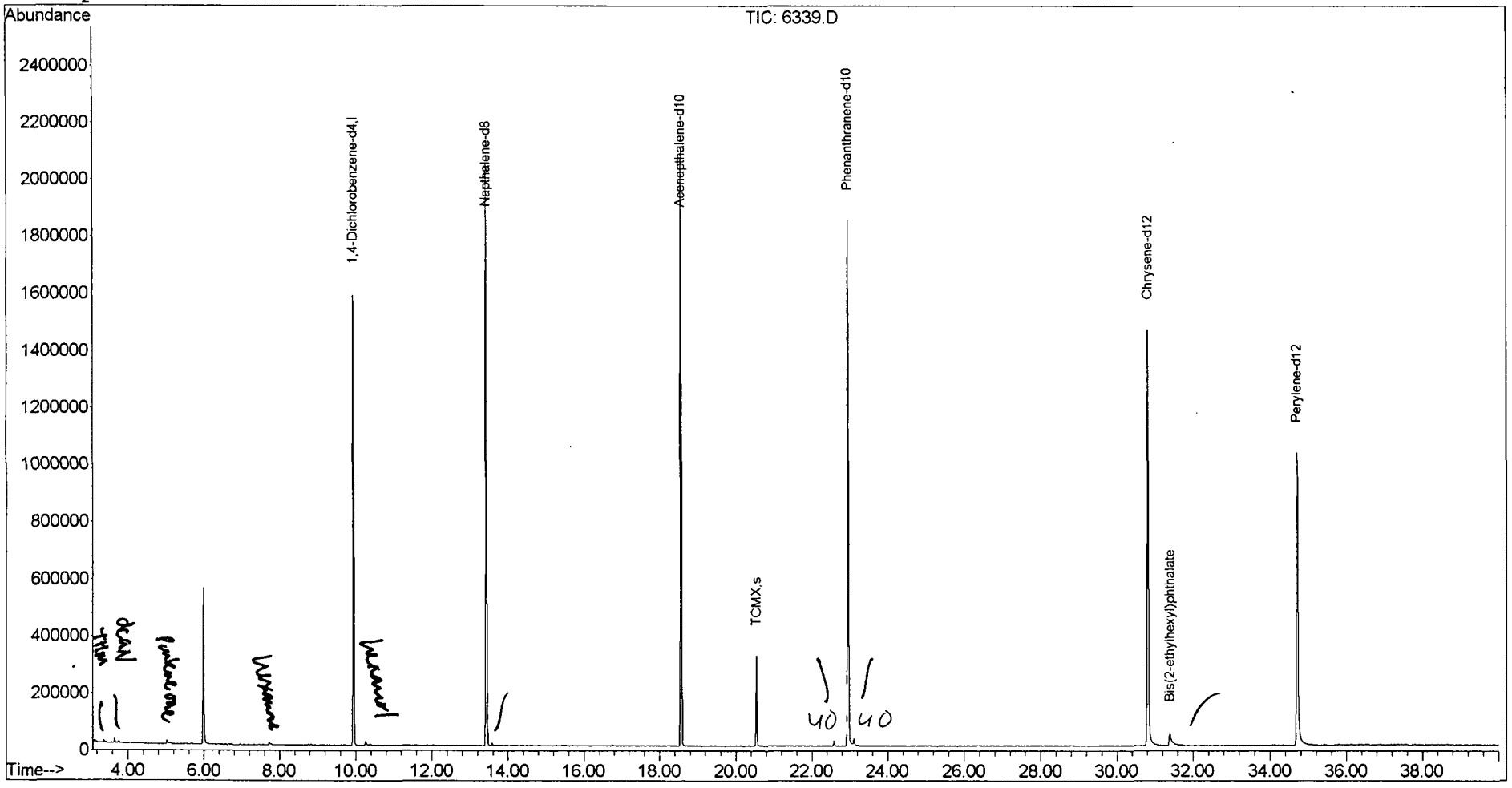
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4721947	40.00	ug/L	0.01
10) Napthalene-d8	13.43	136	18872331	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10195383	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	14700017	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11004016	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	7212334	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	207	624274	7.76	ug/L	0.00
Spiked Amount 10.000			Recovery = 77.60%			
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.39	149	526828	1.94	ug/L	95

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 12:23 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:13:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D
Acq On : 1 May 2002 9:06 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

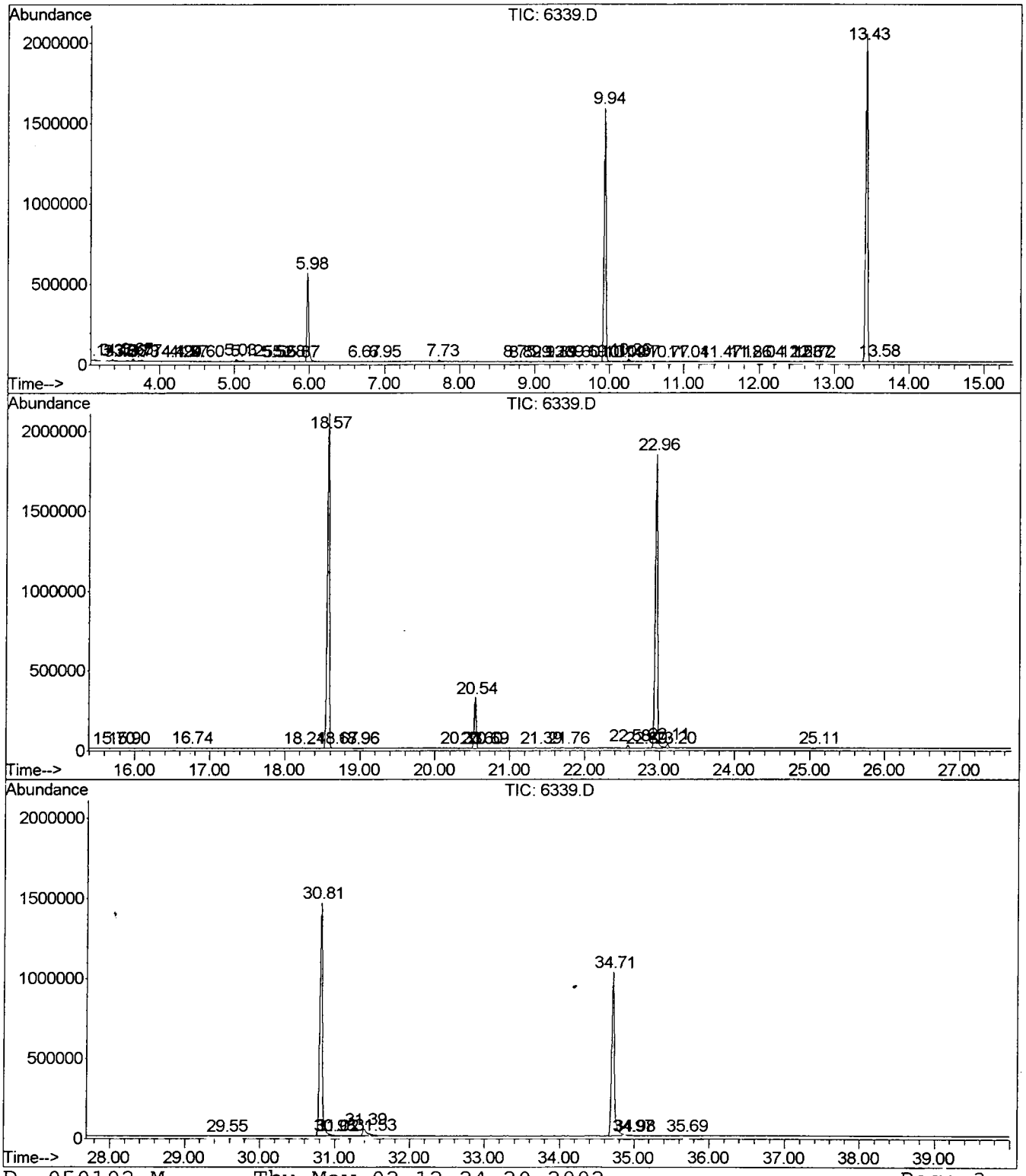
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	3	10	20	BV 3	6048	133634	0.32%	0.057%
2	3.373	46	50	54	VV 2	9720	143428	0.34%	0.062%
3	3.420	54	58	70	VV 6	4018	72800	0.17%	0.031%
4	3.555	77	81	92	PV 9	3445	72242	0.17%	0.031%
5	3.649	92	97	107	VV 2	16127	266116	0.64%	0.114%
6	3.726	107	110	114	VV 4	2375	44719	0.11%	0.019%
7	3.767	114	117	129	VV	7147	123445	0.30%	0.053%
8	4.184	185	188	193	VV 4	2029	24785	0.06%	0.011%
9	4.290	193	206	211	PV 8	2572	42626	0.10%	0.018%
10	4.372	211	220	224	VV 6	2474	41638	0.10%	0.018%
11	4.601	253	259	264	PV 6	2096	39402	0.09%	0.017%
12	5.030	325	332	341	PV 2	14124	297698	0.71%	0.128%
13	5.118	341	347	357	VV 8	6558	146845	0.35%	0.063%
14	5.524	407	416	418	PV 4	2129	47706	0.11%	0.020%
15	5.553	418	421	428	VV 7	1860	35536	0.09%	0.015%
16	5.676	436	442	448	VB 6	3428	53965	0.13%	0.023%
17	5.870	458	475	478	PV 6	2254	66279	0.16%	0.028%
18	5.982	486	494	522	VV	541454	9485158	22.69%	4.070%
19	6.675	601	612	616	VV 6	2423	65906	0.16%	0.028%
20	6.951	652	659	664	PV 4	2269	45406	0.11%	0.019%
21	7.727	786	791	802	VV 3	8676	225703	0.54%	0.097%
22	8.749	962	965	971	VV 4	3452	59231	0.14%	0.025%
23	8.826	971	978	987	VV 5	2689	69233	0.17%	0.030%
24	9.131	1021	1030	1036	VV 5	2180	66848	0.16%	0.029%
25	9.260	1047	1052	1055	PV 3	1654	28539	0.07%	0.012%
26	9.307	1055	1060	1068	VV 5	2176	70686	0.17%	0.030%
27	9.601	1106	1110	1112	VV 3	2532	29650	0.07%	0.013%
28	9.689	1118	1125	1131	VV 7	3052	83903	0.20%	0.036%
29	9.942	1159	1168	1181	VV	1577135	28698786	68.66%	12.314%
30	10.136	1194	1201	1206	VV 4	2192	49129	0.12%	0.021%
31	10.189	1206	1210	1217	PV 4	1844	43405	0.10%	0.019%
32	10.259	1217	1222	1233	VV 2	15753	337896	0.81%	0.145%
33	10.371	1237	1241	1260	VV 6	3270	98573	0.24%	0.042%
34	10.776	1305	1310	1313	PV 3	1617	26502	0.06%	0.011%
35	11.041	1349	1355	1357	PV 2	1728	22543	0.05%	0.010%
36	11.470	1420	1428	1437	PV 3	1603	43056	0.10%	0.018%
37	11.863	1492	1495	1506	VV 3	2296	49650	0.12%	0.021%

38	12.034	1520	1524	1534	VV	3	2833	54988	0.13%	0.024%
39	12.533	1602	1609	1616	VV	4	1939	58526	0.14%	0.025%
40	12.674	1621	1633	1636	VV	4	2287	48041	0.11%	0.021%
41	12.715	1636	1640	1648	VV	2	2555	52621	0.13%	0.023%
42	13.432	1745	1762	1777	PV		2009704	38607303	92.37%	16.566%
43	13.585	1782	1788	1795	VV		6857	118478	0.28%	0.051%
44	15.700	2143	2148	2153	PV	3	2845	54618	0.13%	0.023%
45	15.900	2176	2182	2191	PV	5	1596	34571	0.08%	0.015%
46	16.746	2319	2326	2330	VV	3	4725	74205	0.18%	0.032%
47	18.238	2575	2580	2584	VV	2	3125	45532	0.11%	0.020%
48	18.573	2625	2637	2652	VV		2093461	41798533	100.00%	17.935%
49	18.673	2652	2654	2660	VV	2	2182	47098	0.11%	0.020%
50	18.955	2694	2702	2716	VV	4	2188	76791	0.18%	0.033%
51	20.330	2928	2936	2948	VV	3	2784	80079	0.19%	0.034%
52	20.541	2962	2972	2981	PV		317221	5853761	14.00%	2.512%
53	20.600	2981	2982	2986	VV		1865	20045	0.05%	0.009%
54	20.683	2994	2996	3002	VV	5	3315	54397	0.13%	0.023%
55	21.393	3113	3117	3125	VV	4	2495	51088	0.12%	0.022%
56	21.764	3175	3180	3187	VV	5	2625	69723	0.17%	0.030%
57	22.580	3310	3319	3331	VV	2	18833	355081	0.85%	0.152%
58	22.804	3350	3357	3362	PV	3	1836	30537	0.07%	0.013%
59	22.956	3367	3383	3401	PV	2	1821390	40510528	96.92%	17.382%
60	23.109	3401	3409	3422	VV	2	23815	609380	1.46%	0.261%
61	23.197	3422	3424	3426	VV		1604	13146	0.03%	0.006%
62	25.107	3735	3749	3756	PV	4	2443	86034	0.21%	0.037%
63	29.549	4499	4505	4507	PV	3	1122	16760	0.04%	0.007%
64	30.812	4702	4720	4747	PV	2	1440427	34424612	82.36%	14.771%
65	30.982	4747	4749	4753	VV	4	5583	97443	0.23%	0.042%
66	31.018	4753	4755	4764	VV	3	4142	101478	0.24%	0.044%
67	31.394	4810	4819	4841	PV		43238	1706311	4.08%	0.732%
68	31.529	4841	4842	4857	VV	6	4828	149620	0.36%	0.064%
69	34.713	5372	5384	5425	PV	2	1023946	26454952	63.29%	11.351%
70	34.966	5425	5427	5429	VV	2	2395	21704	0.05%	0.009%
71	34.984	5429	5430	5433	VV	2	1399	12151	0.03%	0.005%
72	35.689	5548	5550	5553	PV		1267	12360	0.03%	0.005%

Sum of corrected areas: 233055160

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050102\6339.D
Operator : Mclean
Acquired : 1 May 2002 9:06 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-ext 4/29
Misc Info :
Vial Number: 15
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D
Acq On : 1 May 2002 9:06 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

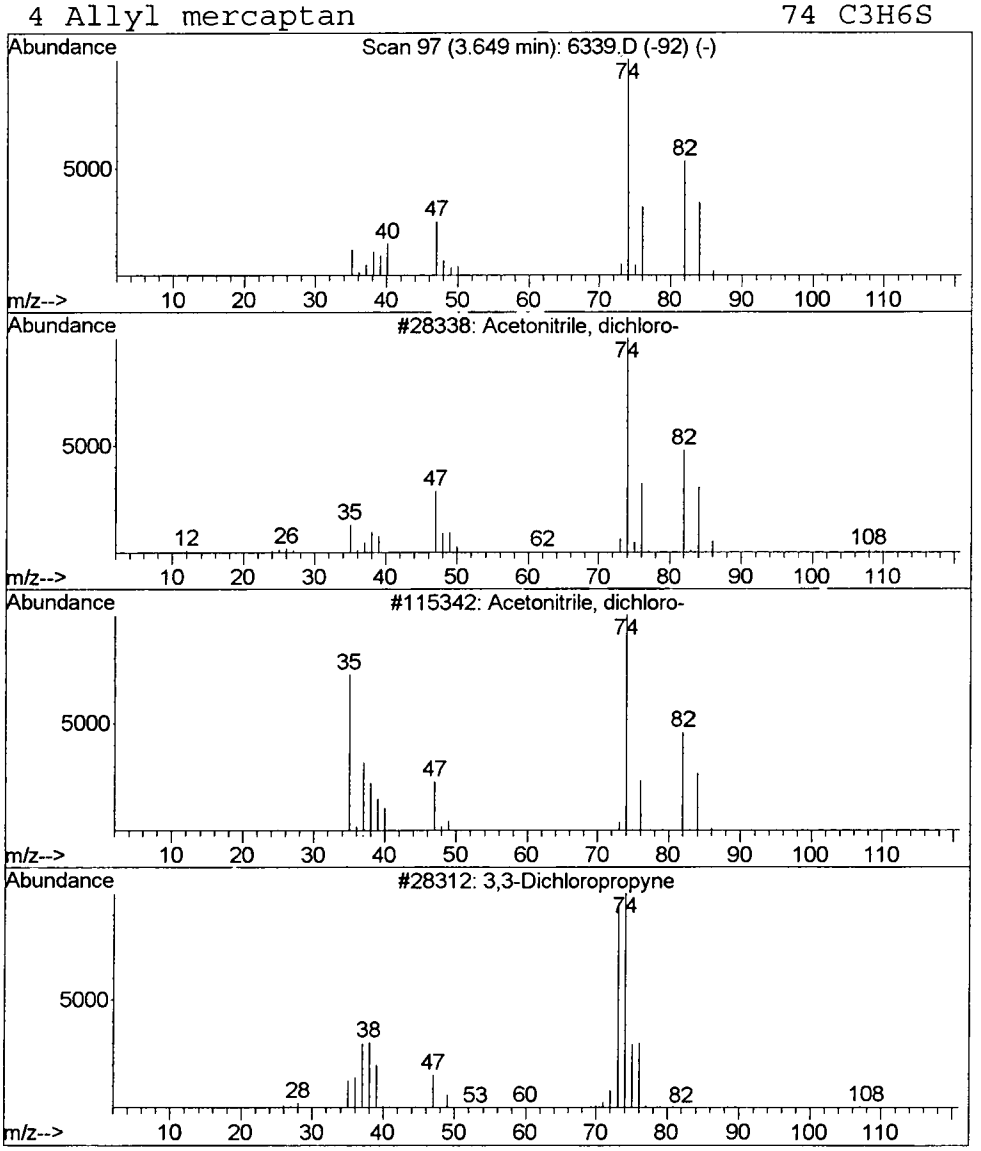
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

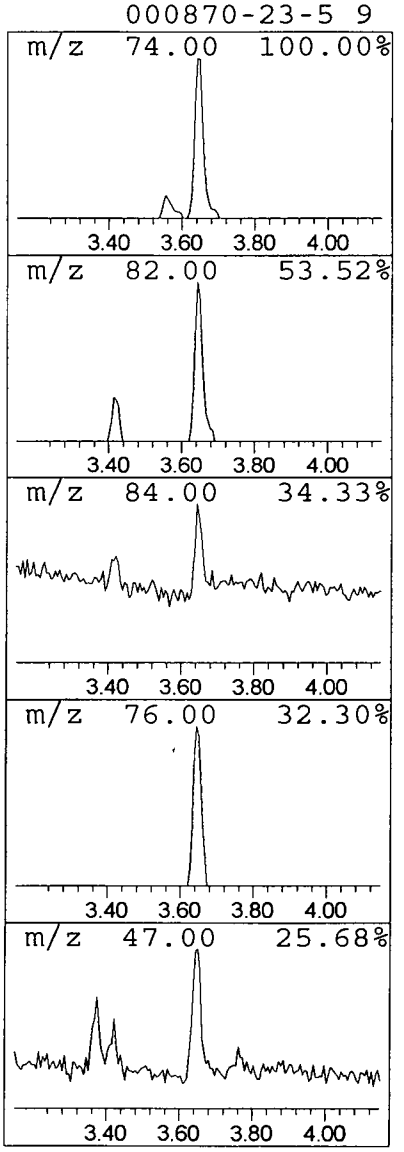
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.37 ug/L	266116	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	90
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
4	Allyl mercaptan	74	C3H6S	000870-23-5	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

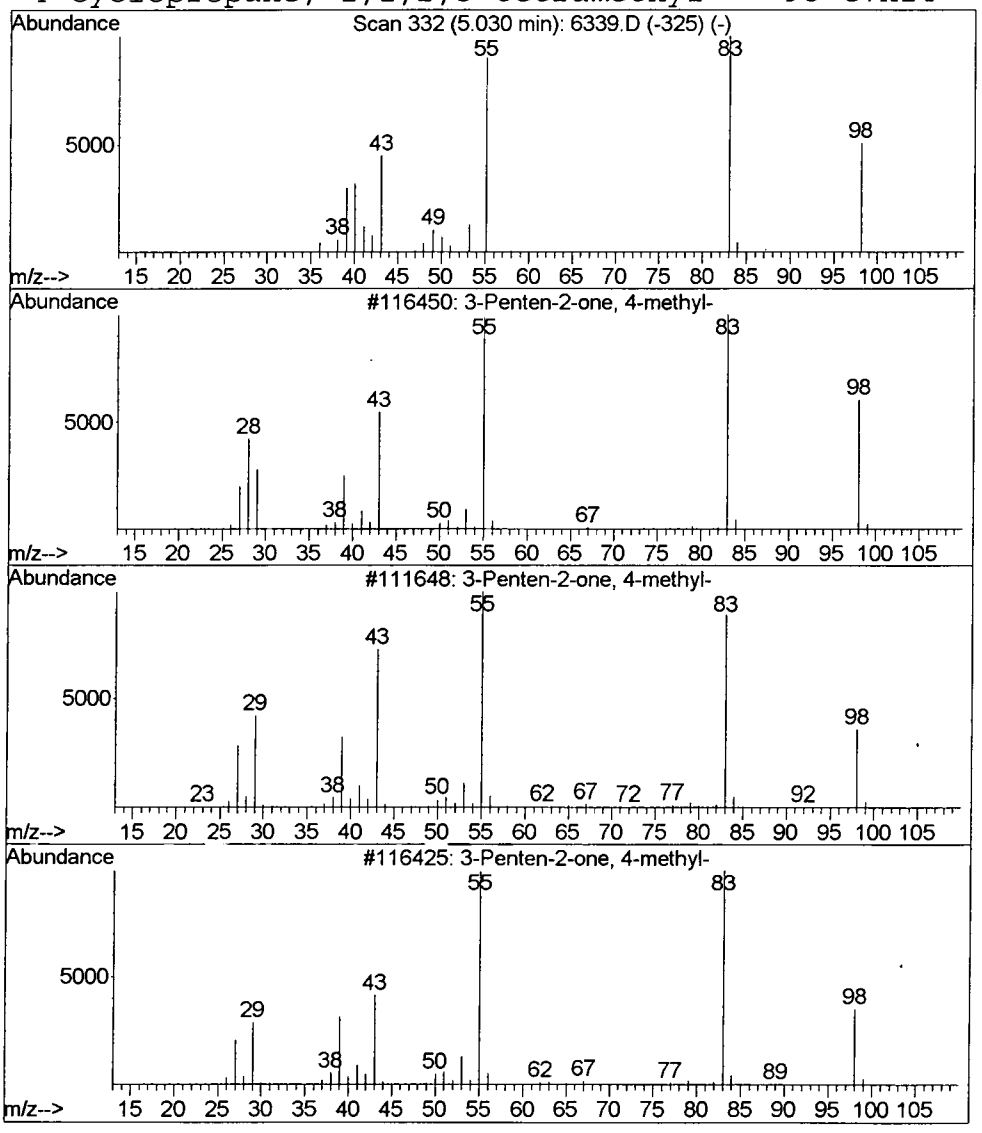
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

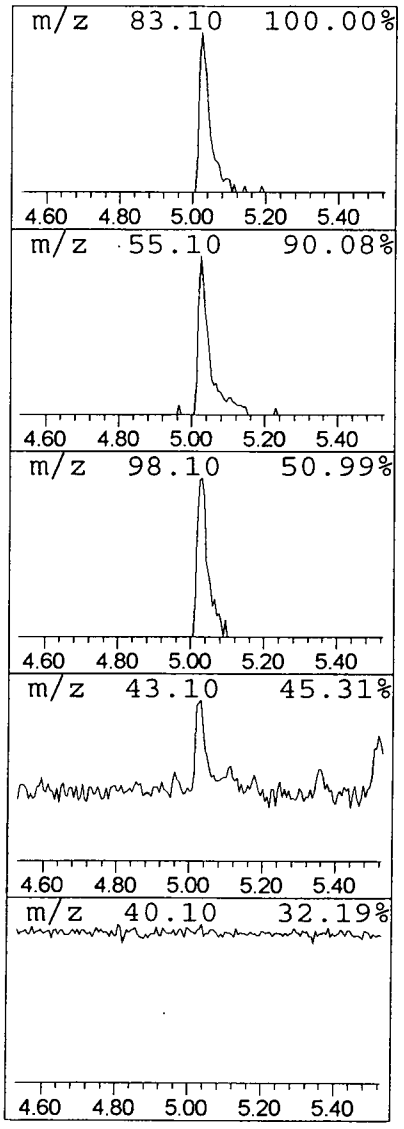
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.41 ug/L	297698	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
4	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

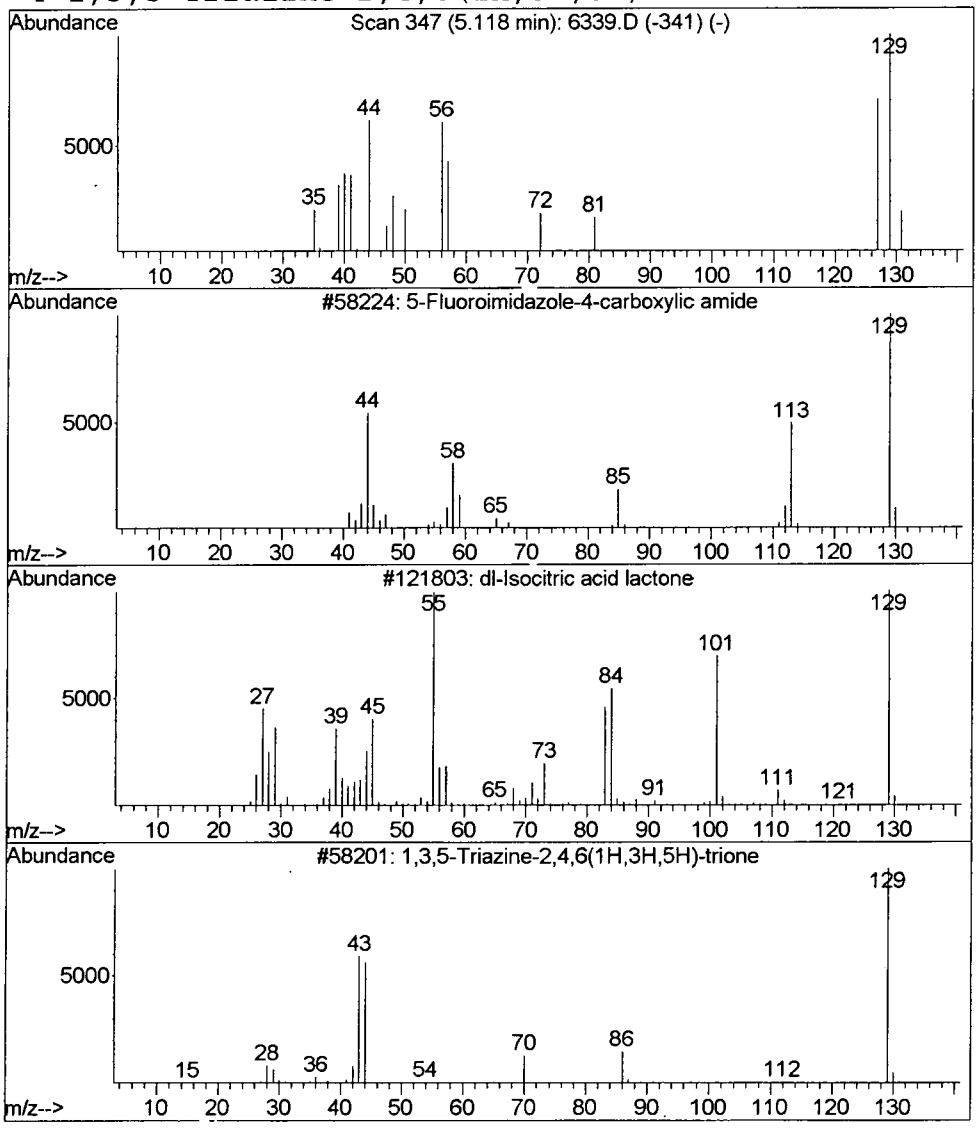
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

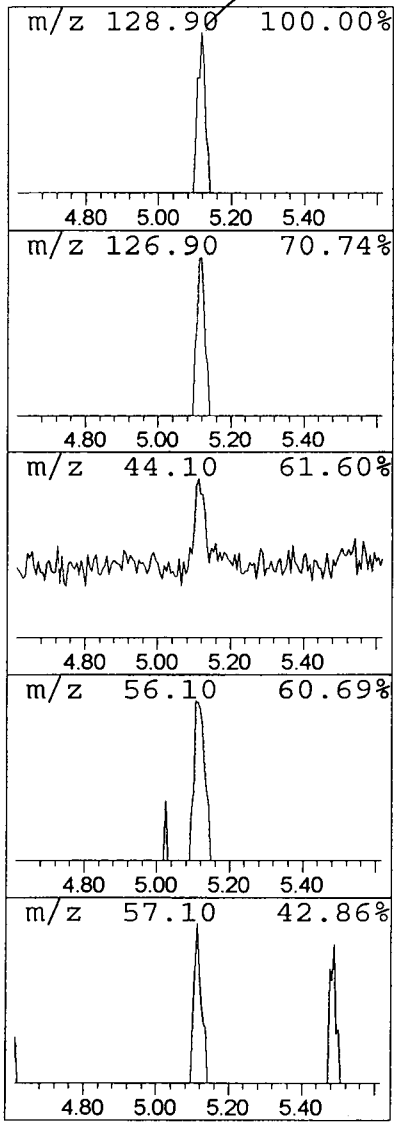
****

Peak Number 3 5-Fluoroimidazole-4-carboxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	0.20 ug/L	146845	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoroimidazole-4-carboxylic a...	129	C4H4FN3O	1000129-62-3	9
2	dl-Isocitric acid lactone	174	C6H6O6	004702-32-3	9
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	129	C3H3N3O3	000108-80-5	7
4	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	129	C3H3N3O3	000108-80-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

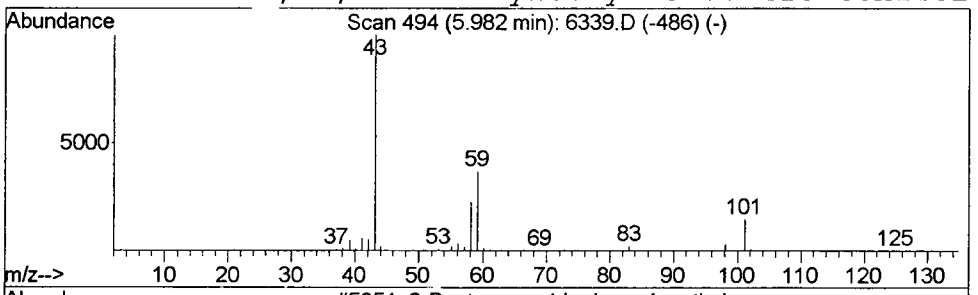
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

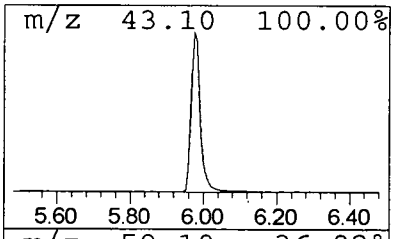
****

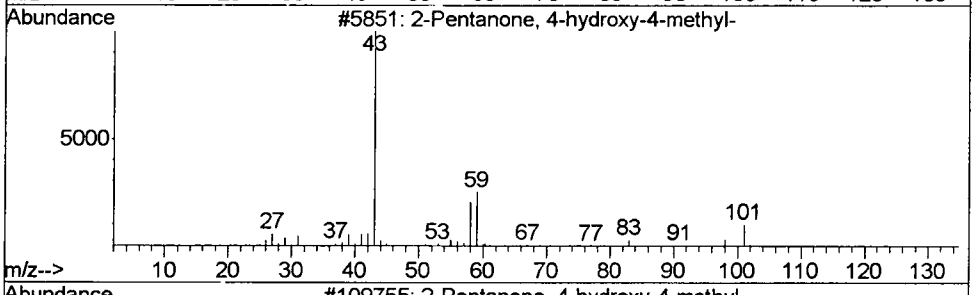
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

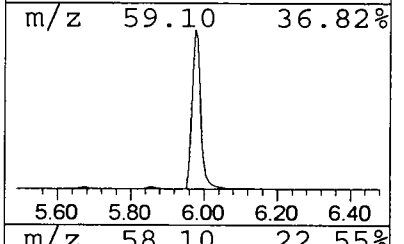
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	13.22 ug/L	9485160	1,4-Dichlorobenzene-d4	9.94

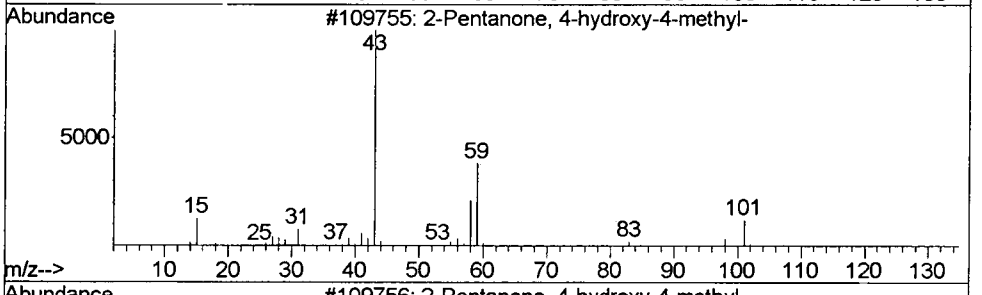
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36

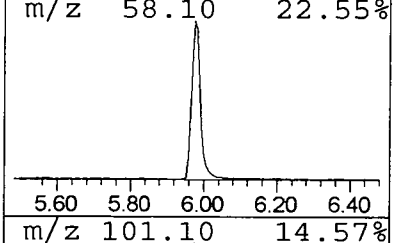


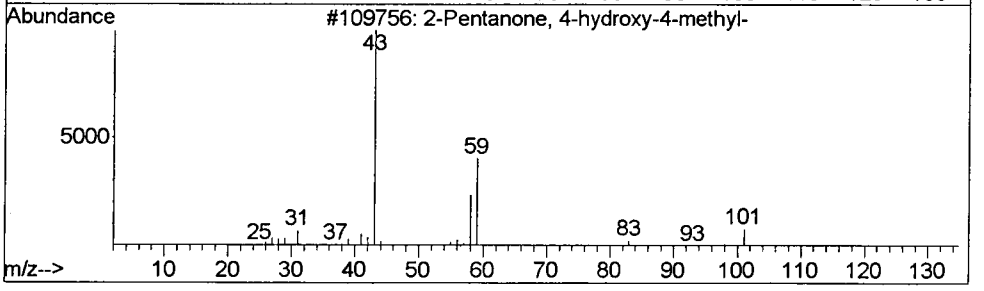


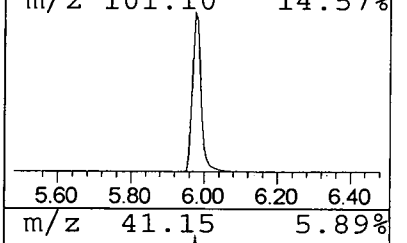


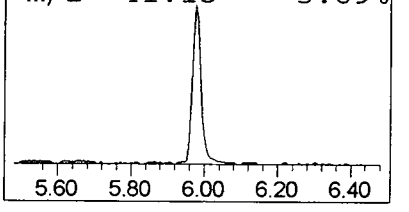












Library Search Compound Report

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Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

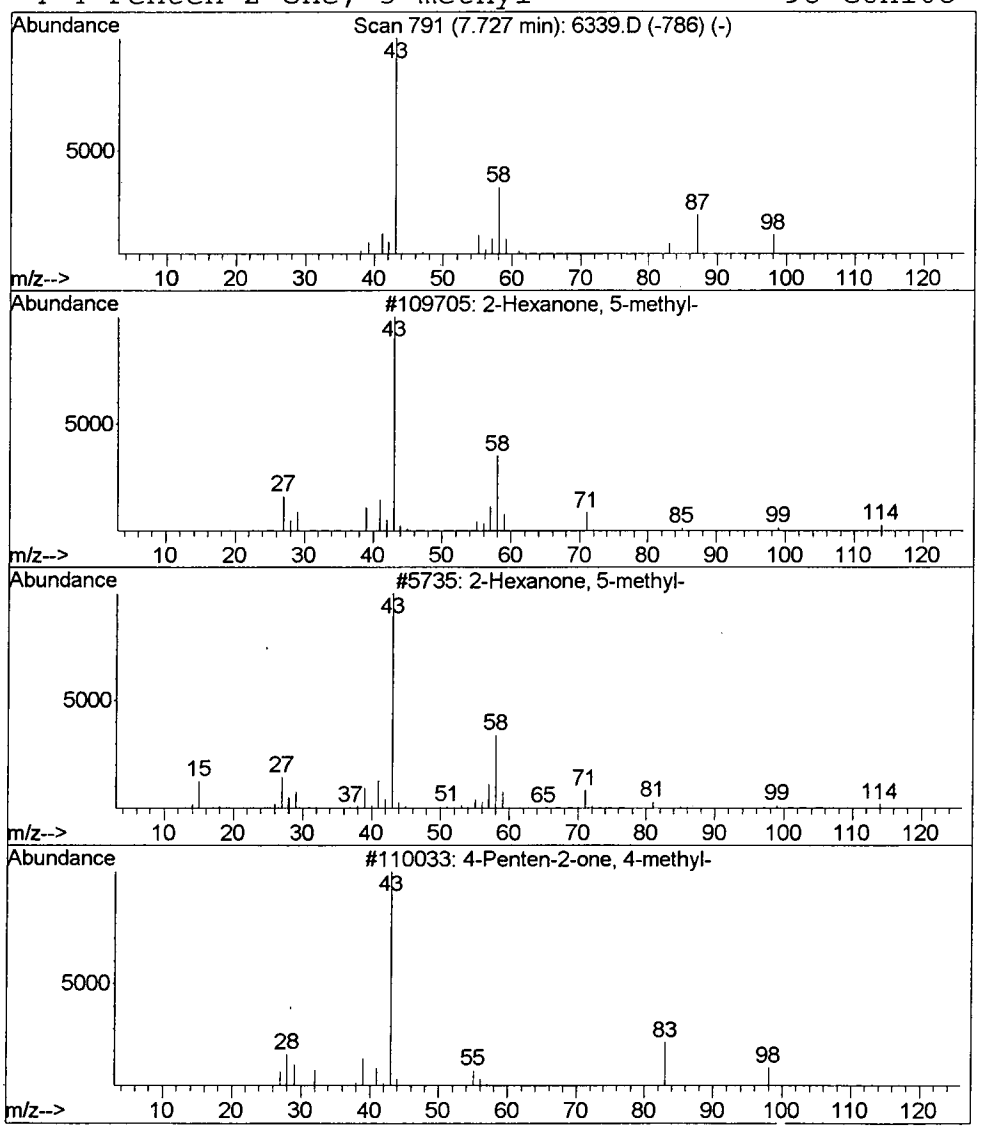
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

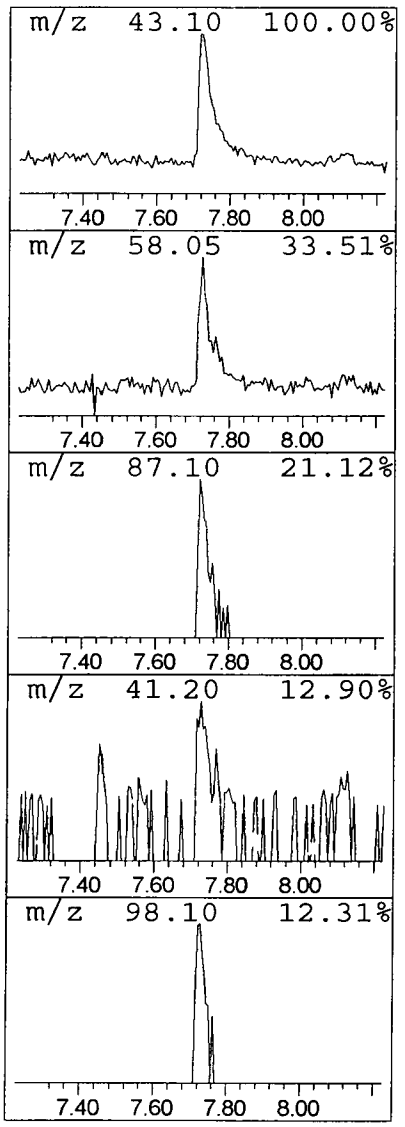
****

Peak Number 5 2-Hexanone, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.31 ug/L	225703	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	25
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	16
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6339.D Vial: 15
Acq On : 1 May 2002 9:06 pm Operator: Mclean
Sample : re-ext 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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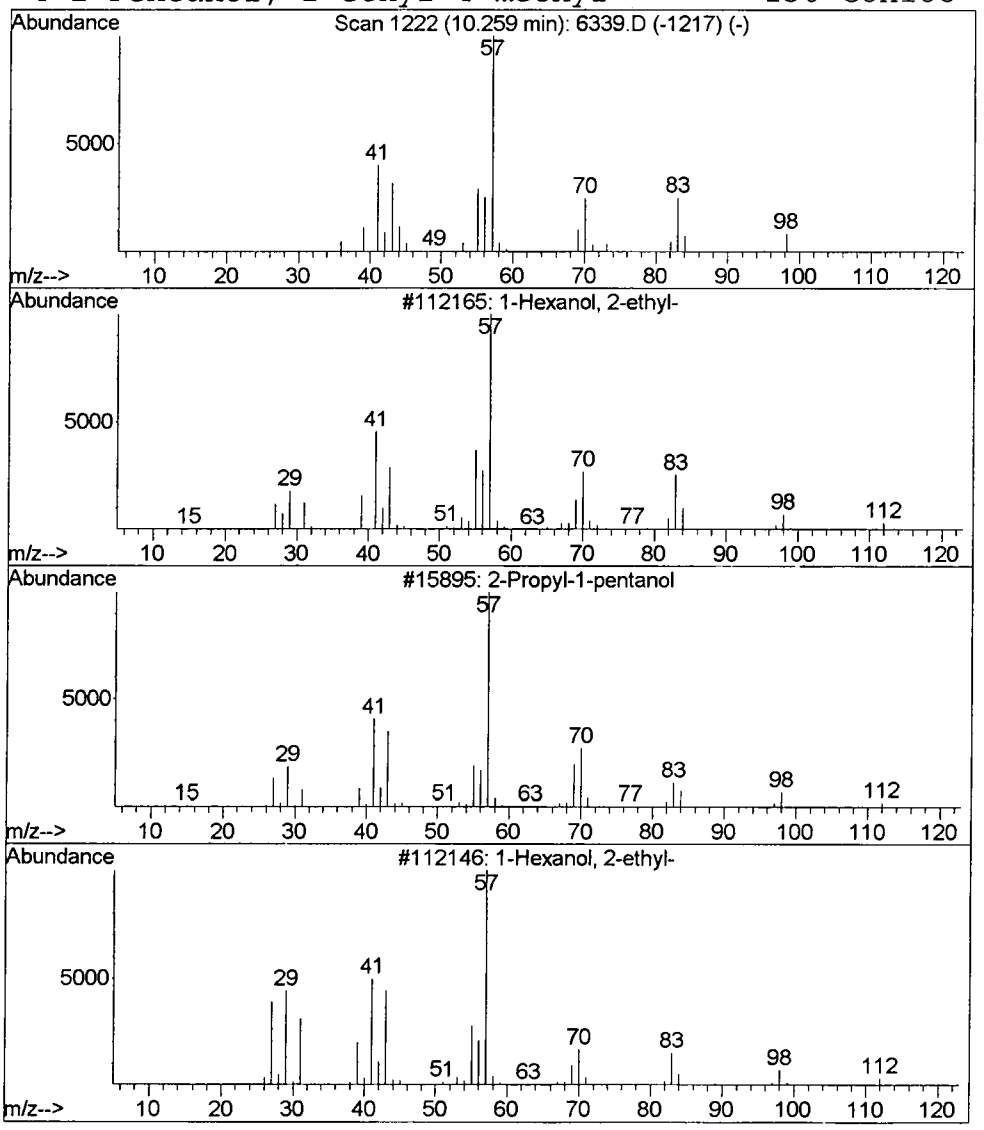
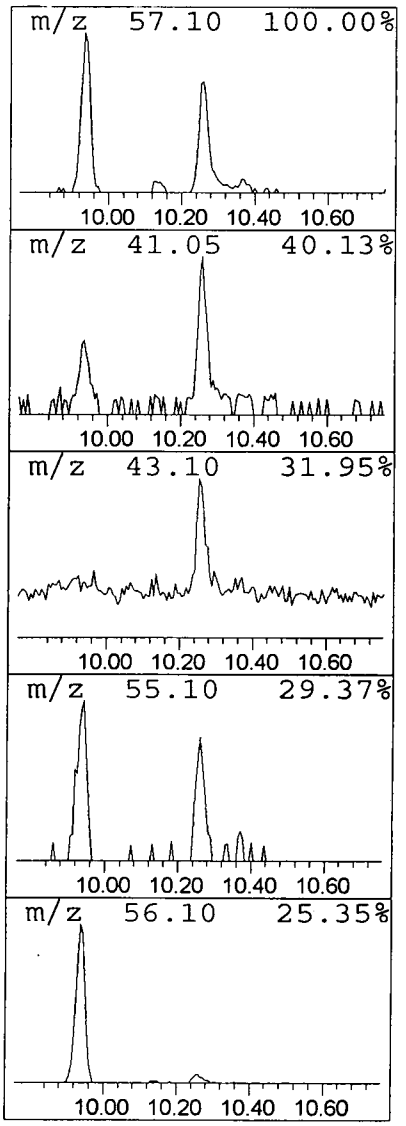
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	0.47 ug/L	337896	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42





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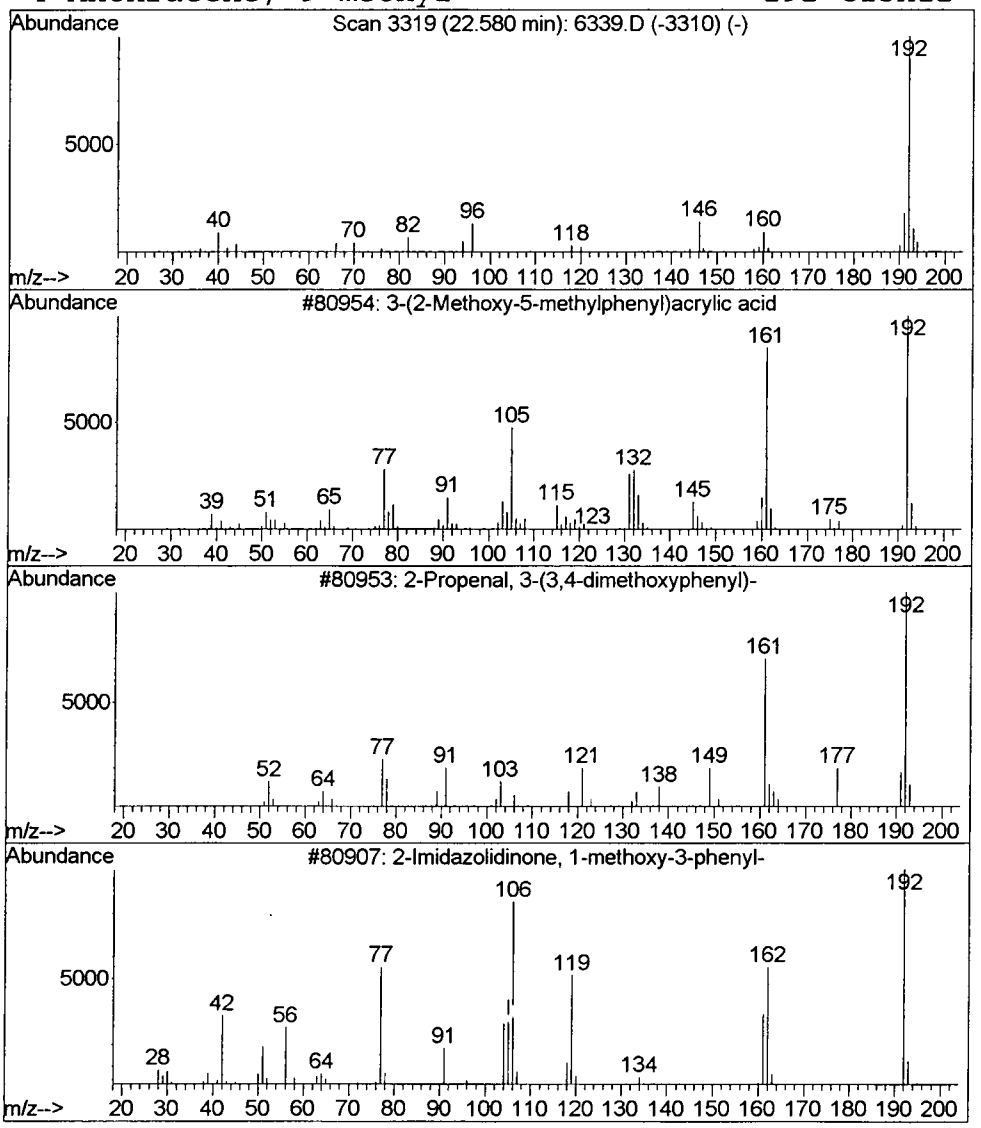
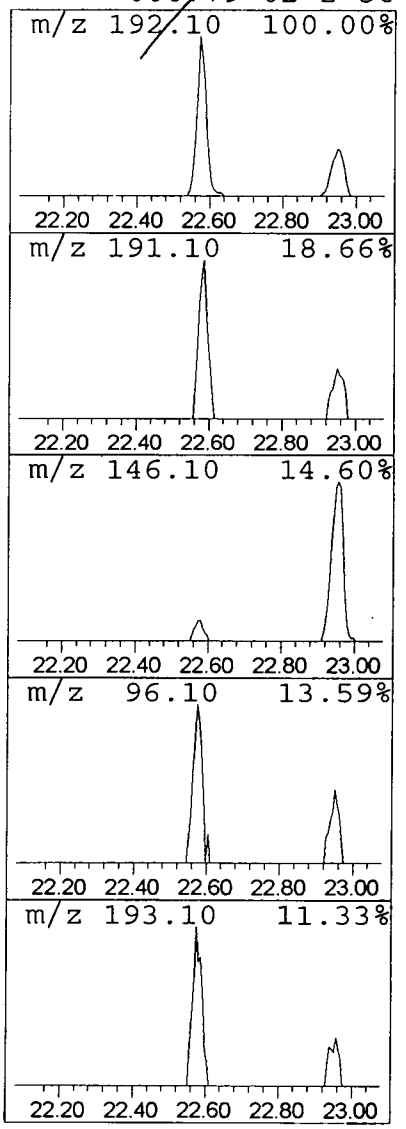
Peak Number 7 3-(2-Methoxy-5-methylphenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.35 ug/L	355081	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	53
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
3	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	36





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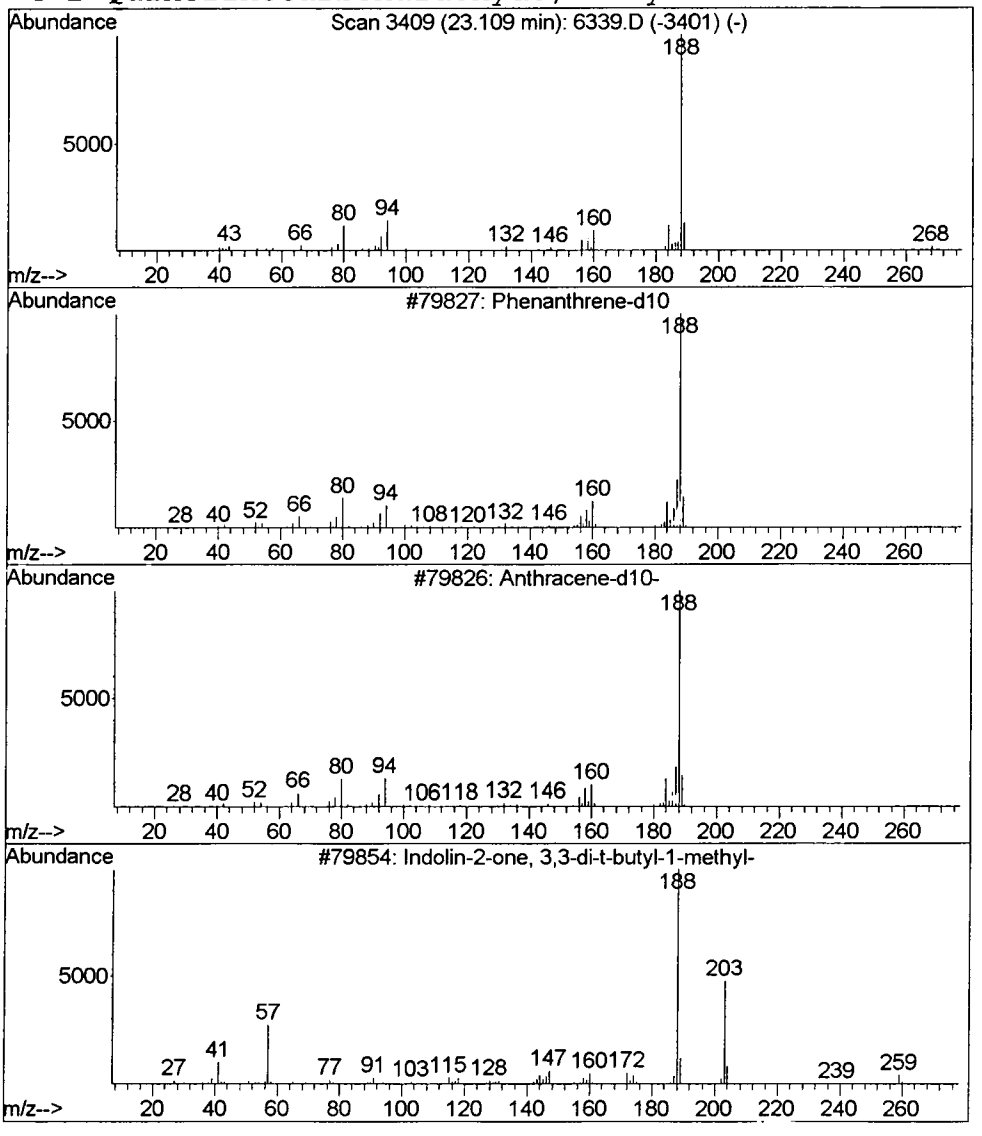
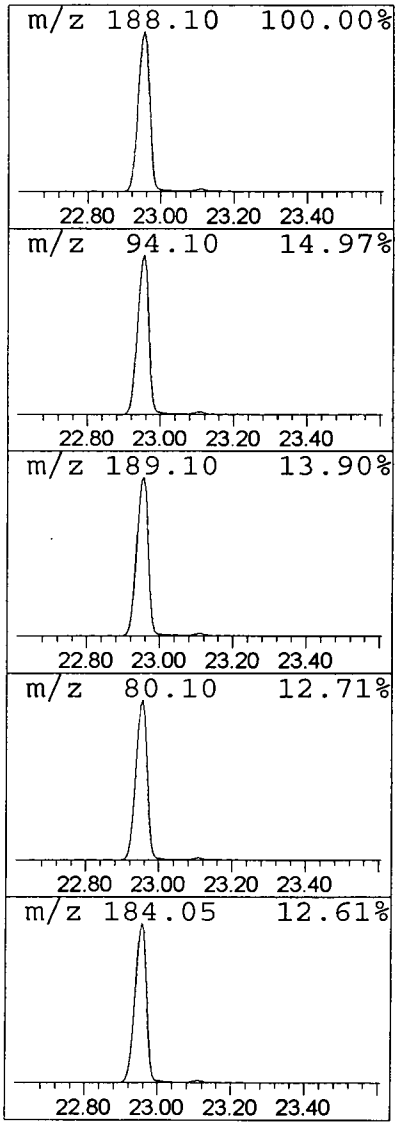
Peak Number 8 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.60 ug/L	609380	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	93
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	Indolin-2-one, 3,3-di-t-butyl-1-...	259	C17H25NO	1000164-65-6	42
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 1 May 2002 9:06 pm
Data File: C:\MSDCHEM\1\DATA\050102\6339.D
Name: re-ext 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...	3.65	0.4	ug/L	266116	1	9.94	28698800	40.0
3-Penten-2-one, 4...	5.03	0.4	ug/L	297698	1	9.94	28698800	40.0
5-Fluoroimidazole...	5.12	0.2	ug/L	146845	1	9.94	28698800	40.0
2-Pentanone, 4-hy...	5.98	13.2	ug/L	9485160	1	9.94	28698800	40.0
2-Hexanone, 5-met...	7.73	0.3	ug/L	225703	1	9.94	28698800	40.0
1-Hexanol, 2-ethyl-	10.26	0.5	ug/L	337896	1	9.94	28698800	40.0
3-(2-Methoxy-5-me...	22.58	0.4	ug/L	355081	4	22.96	40510500	40.0
Phenanthrene-d10	23.11	0.6	ug/L	609380	4	22.96	40510500	40.0