User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 11:39:00

Sample: AE06337
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 11:30 Ended: 5/3/02 11:30 Analyst: DLV
Page: 1

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

Comments for Sample AE06337 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 11:41:18

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\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 12:08:24 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 12:07:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

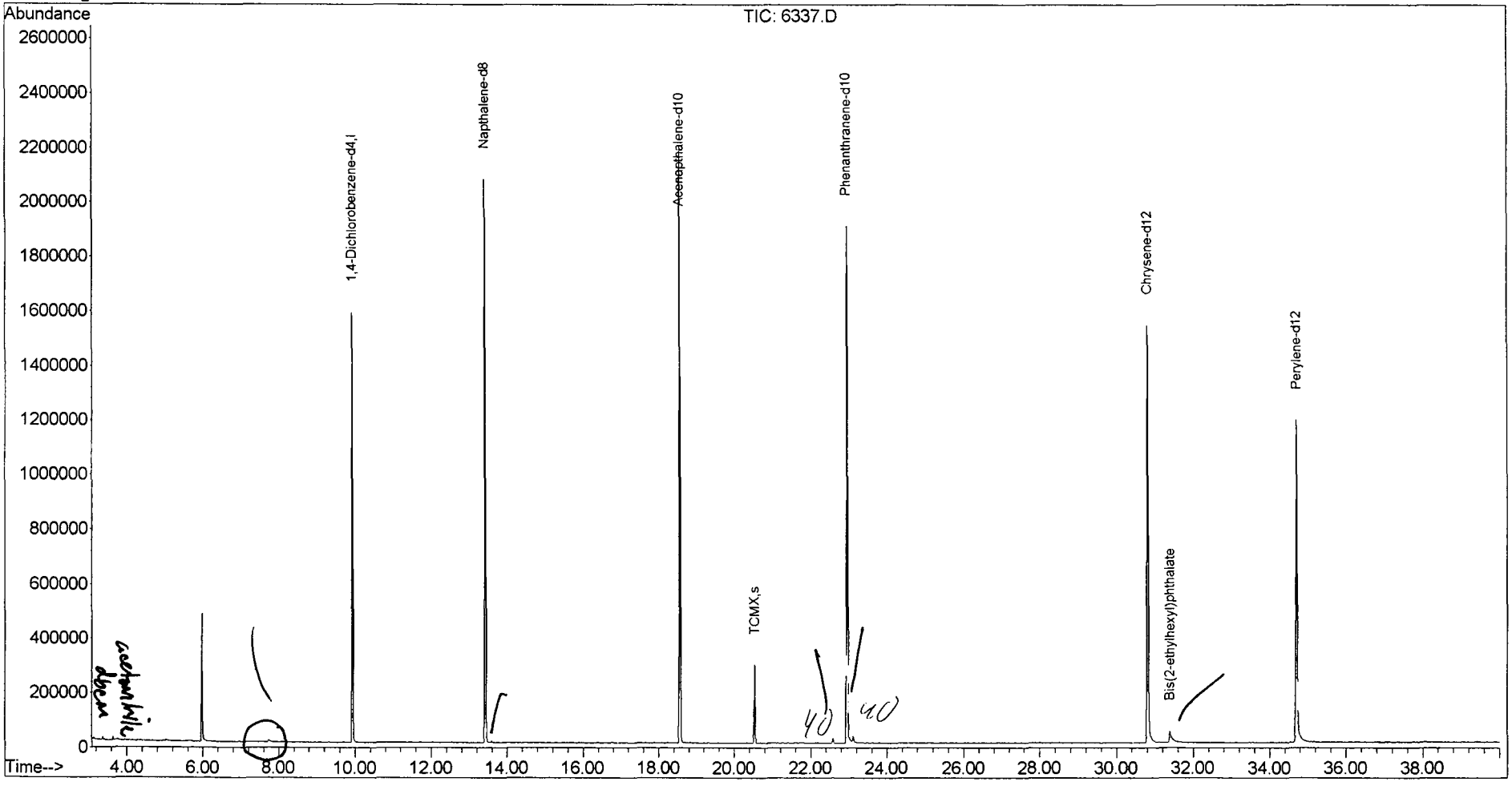
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4779324	40.00	ug/L	0.01
10) Napthalene-d8	13.44	136	19095993	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10202702	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	15059239	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11967661	40.00	ug/L	0.00
43) Perylene-d12	34.72	264	8469178	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	207	542283	6.74	ug/L	0.00
Spiked Amount 10.000			Recovery =	67.40%		
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.39	149	503953	1.70	ug/L	96

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

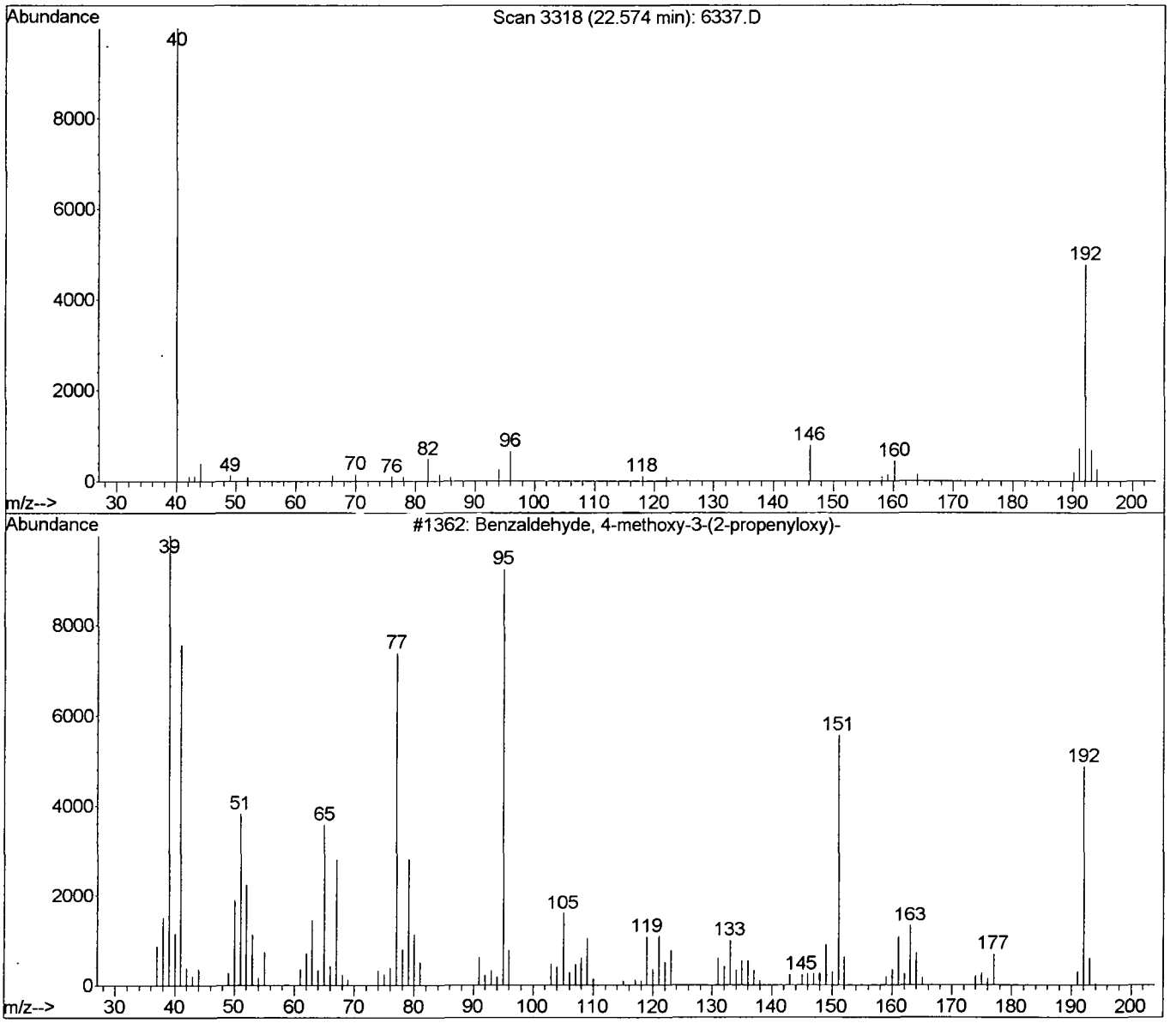
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 12:18 2002 Quant Results File: 050102.RES

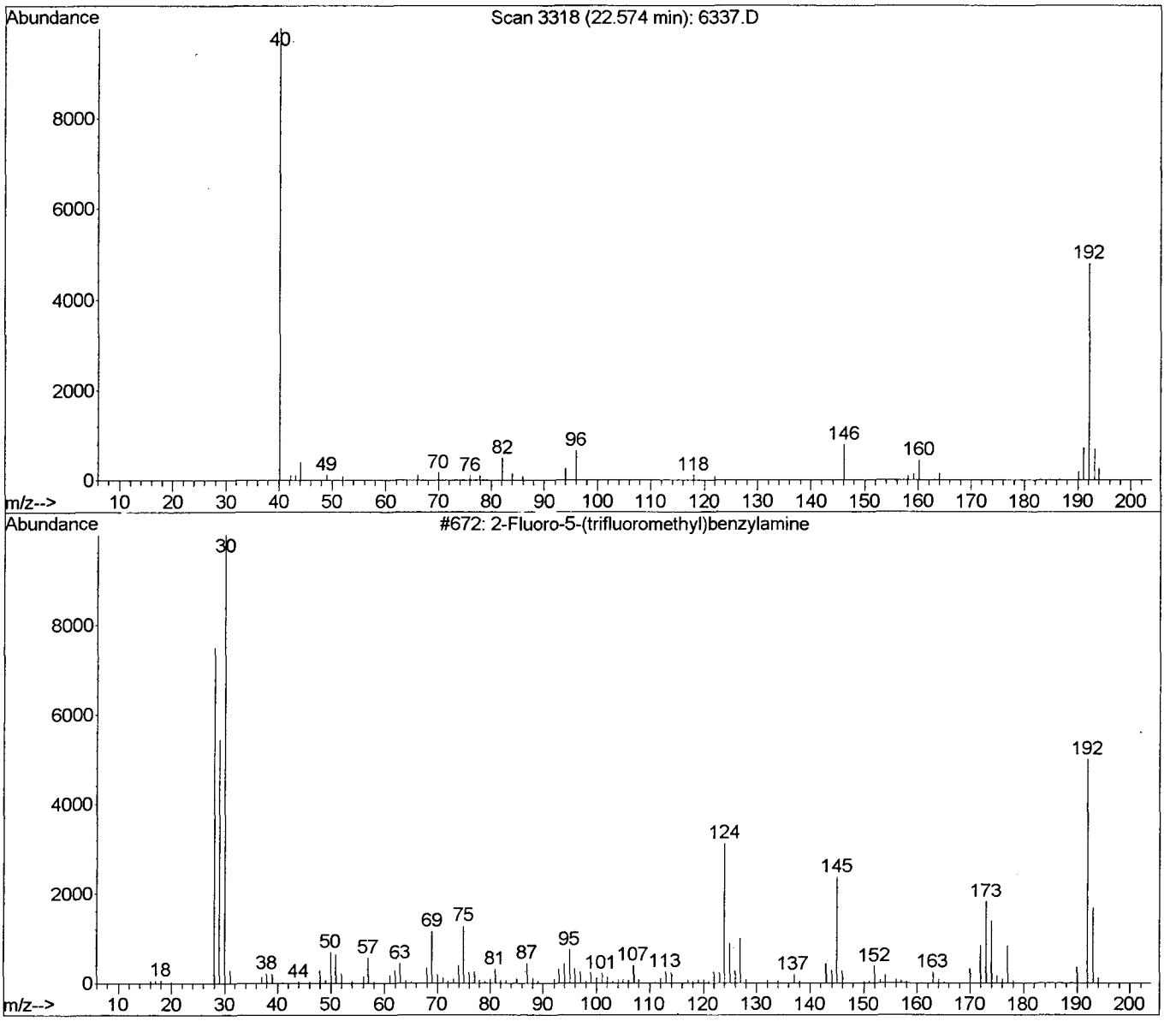
Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:13:40 2002
Response via : Initial Calibration



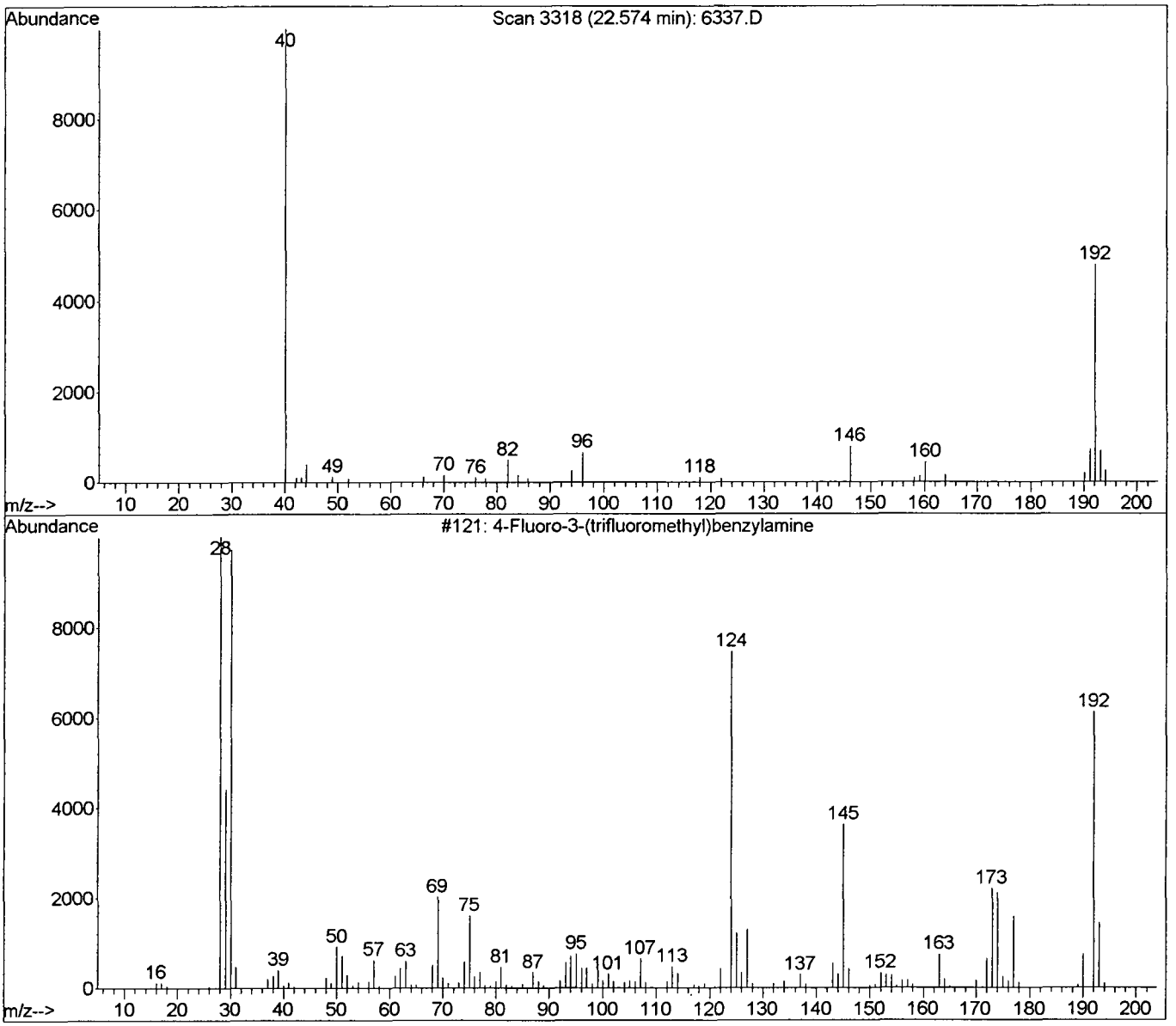
Library Searched : C:\Database\NIST98.L
Quality : 2
ID : Benzaldehyde, 4-methoxy-3-(2-propenyloxy)-



Library Searched : C:\Database\NIST98.L
Quality : 2
ID : 2-Fluoro-5-(trifluoromethyl)benzylamine



Library Searched : C:\Database\NIST98.L
Quality : 2
ID : 4-Fluoro-3-(trifluoromethyl)benzylamine



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D
Acq On : 1 May 2002 7:29 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

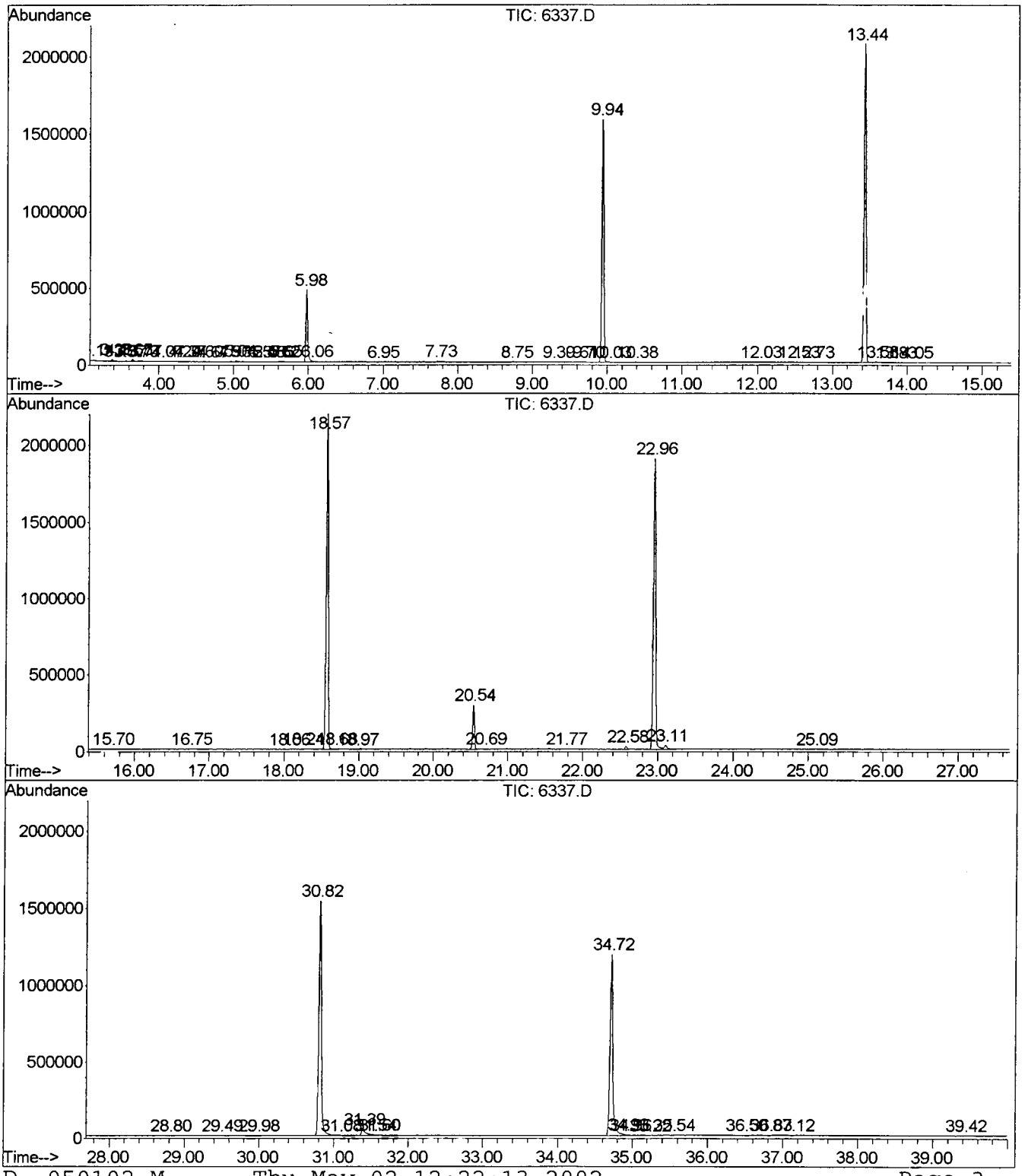
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	4	11	21	BV	4975	84059	0.20%	0.035%
2	3.379	47	51	56	VV 2	11656	156687	0.37%	0.065%
3	3.426	56	59	67	VV 4	3280	41681	0.10%	0.017%
4	3.567	77	83	91	PV 8	2711	60196	0.14%	0.025%
5	3.649	91	97	106	PV	13818	242711	0.58%	0.101%
6	3.731	106	111	113	VV 4	3200	58778	0.14%	0.025%
7	3.772	113	118	130	VV 3	5359	135153	0.32%	0.056%
8	4.066	164	168	173	VV 6	2490	40787	0.10%	0.017%
9	4.289	200	206	211	PV 4	3106	58920	0.14%	0.025%
10	4.372	211	220	226	VV 6	3981	95634	0.23%	0.040%
11	4.601	255	259	269	VV 6	2488	56730	0.14%	0.024%
12	4.671	269	271	275	VV 3	2015	22108	0.05%	0.009%
13	4.965	313	321	326	PV 2	5036	80377	0.19%	0.034%
14	5.036	329	333	340	VV 3	7336	147896	0.35%	0.062%
15	5.118	344	347	352	VV 3	3410	60261	0.14%	0.025%
16	5.371	387	390	393	VV 2	1721	16493	0.04%	0.007%
17	5.429	393	400	407	VV 6	1908	46287	0.11%	0.019%
18	5.547	414	420	425	VV 6	1999	52047	0.12%	0.022%
19	5.617	425	432	435	VV 4	3609	81395	0.19%	0.034%
20	5.653	435	438	449	VV 4	3841	121574	0.29%	0.051%
21	5.976	483	493	507	VV	453110	7671257	18.30%	3.203%
22	6.064	507	508	515	VV 5	5111	92947	0.22%	0.039%
23	6.957	654	660	668	PV 4	1929	50069	0.12%	0.021%
24	7.733	787	792	803	PV 4	6596	151728	0.36%	0.063%
25	8.749	961	965	974	VV 5	2941	61340	0.15%	0.026%
26	9.301	1056	1059	1065	VV 4	2785	49976	0.12%	0.021%
27	9.607	1104	1111	1117	VV 6	1757	48492	0.12%	0.020%
28	9.701	1122	1127	1139	VV 7	3025	83904	0.20%	0.035%
29	9.942	1159	1168	1181	VV	1580170	29010131	69.21%	12.114%
30	10.030	1181	1183	1186	VV 2	2396	27878	0.07%	0.012%
31	10.382	1237	1243	1246	VV 4	2444	49029	0.12%	0.020%
32	12.034	1521	1524	1531	VV 3	2672	48517	0.12%	0.020%
33	12.533	1604	1609	1616	VV 3	2489	50170	0.12%	0.021%
34	12.727	1636	1642	1662	VV 6	1938	75374	0.18%	0.031%
35	13.438	1751	1763	1781	PV	2045291	38972145	92.98%	16.274%
36	13.585	1781	1788	1794	VV	7297	143776	0.34%	0.060%
37	13.831	1826	1830	1833	VV 2	2037	21243	0.05%	0.009%

38	14.049	1864	1867	1878	PV	3	1385	12411	0.03%	0.005%
39	15.700	2142	2148	2156	PV	5	1881	50146	0.12%	0.021%
40	16.746	2322	2326	2331	PV	2	3367	65278	0.16%	0.027%
41	18.062	2547	2550	2552	VV		1830	15335	0.04%	0.006%
42	18.244	2576	2581	2585	PV	2	2497	45336	0.11%	0.019%
43	18.573	2623	2637	2654	VV		2166842	41913871	100.00%	17.502%
44	18.685	2654	2656	2658	VV	2	2569	28818	0.07%	0.012%
45	18.973	2697	2705	2709	VV	5	2174	63680	0.15%	0.027%
46	20.541	2962	2972	2983	VV		288552	5090701	12.15%	2.126%
47	20.688	2994	2997	3009	VV	3	2741	61200	0.15%	0.026%
48	21.769	3177	3181	3186	PV	3	2083	39982	0.10%	0.017%
49	22.580	3312	3319	3326	BV	2	18263	323114	0.77%	0.135%
50	22.962	3371	3384	3403	PV	2	1892202	41453696	98.90%	17.310%
51	23.109	3403	3409	3432	VV	3	25722	811209	1.94%	0.339%
52	25.089	3738	3746	3752	PV	3	1145	29245	0.07%	0.012%
53	28.802	4368	4378	4380	PV	2	1657	34476	0.08%	0.014%
54	29.484	4486	4494	4500	PV		1733	37296	0.09%	0.016%
55	29.983	4572	4579	4580	PV	3	633	7344	0.02%	0.003%
56	30.818	4709	4721	4762	PV	2	1525523	37841720	90.28%	15.802%
57	31.082	4762	4766	4770	VV	3	2700	60388	0.14%	0.025%
58	31.394	4810	4819	4842	PV	3	41565	1668069	3.98%	0.697%
59	31.540	4842	4844	4852	VV	6	4302	100247	0.24%	0.042%
60	31.599	4852	4854	4857	VV		2196	23270	0.06%	0.010%
61	34.719	5372	5385	5419	VV	2	1169884	31013487	73.99%	12.951%
62	34.931	5419	5421	5425	VV	2	5994	96220	0.23%	0.040%
63	34.960	5425	5426	5431	VV	5	4326	86528	0.21%	0.036%
64	35.219	5468	5470	5474	VV	3	1819	24078	0.06%	0.010%
65	35.542	5519	5525	5527	VV	2	2013	28099	0.07%	0.012%
66	36.494	5680	5687	5698	VV	3	2217	85021	0.20%	0.036%
67	36.828	5737	5744	5747	VV	3	1989	44613	0.11%	0.019%
68	37.122	5790	5794	5800	PV	2	2114	32461	0.08%	0.014%
69	39.420	6183	6185	6189	VV	3	1929	19624	0.05%	0.008%

Sum of corrected areas: 239474714

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050102\6337.D
Operator : Mclean
Acquired : 1 May 2002 7:29 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-ext 4/29
Misc Info :
Vial Number: 13
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

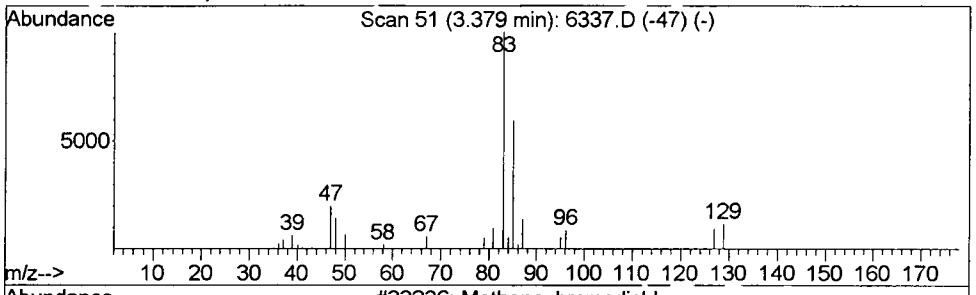
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

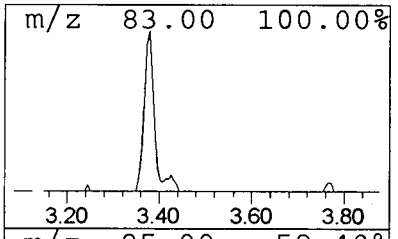
****

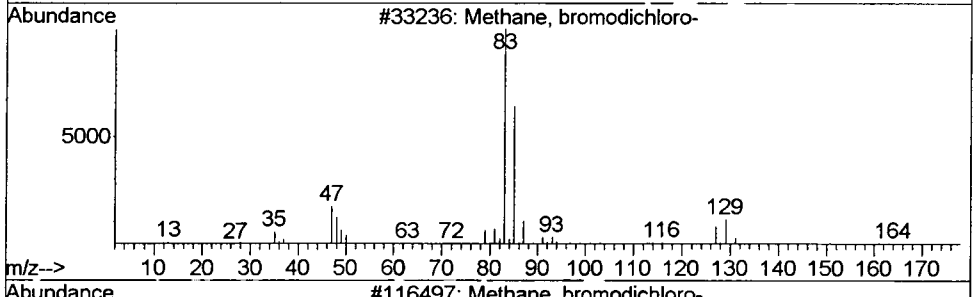
Peak Number 1 Methane, bromodichloro- Concentration Rank 5

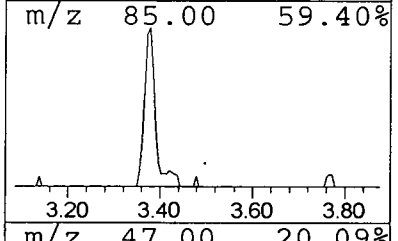
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	0.22 ug/L	156687	1,4-Dichlorobenzene-d4	9.94

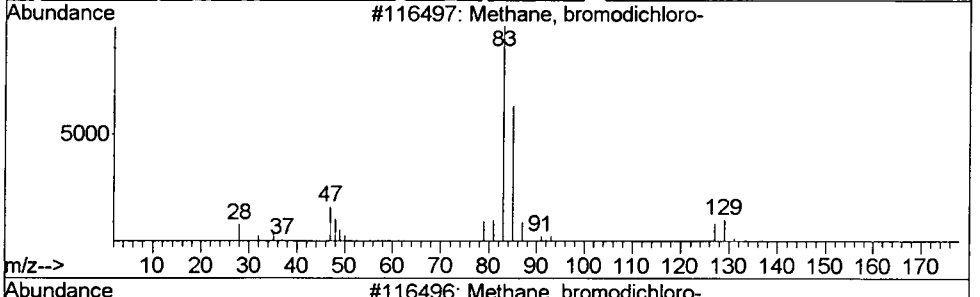
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64

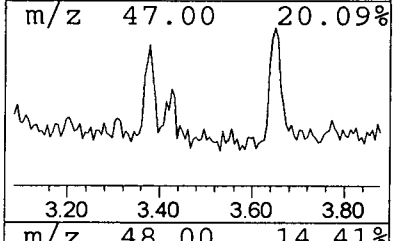


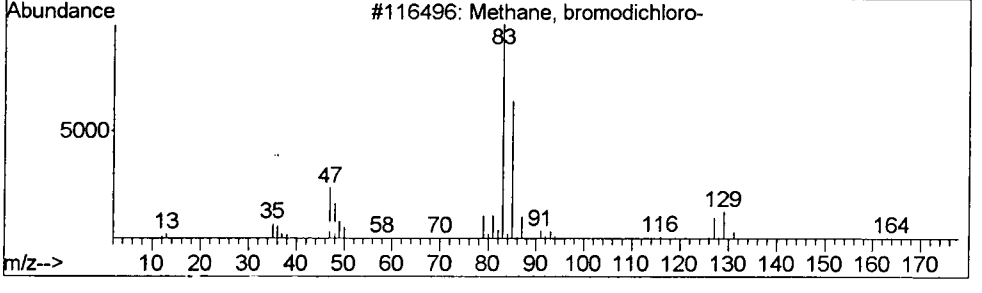


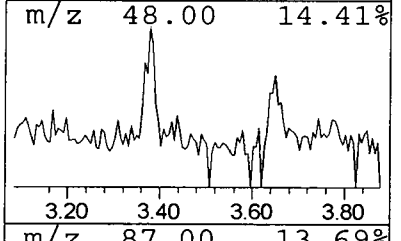


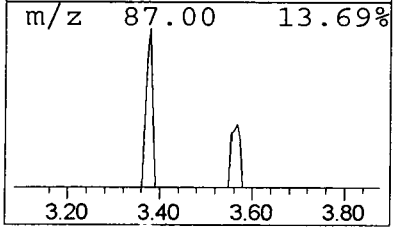












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

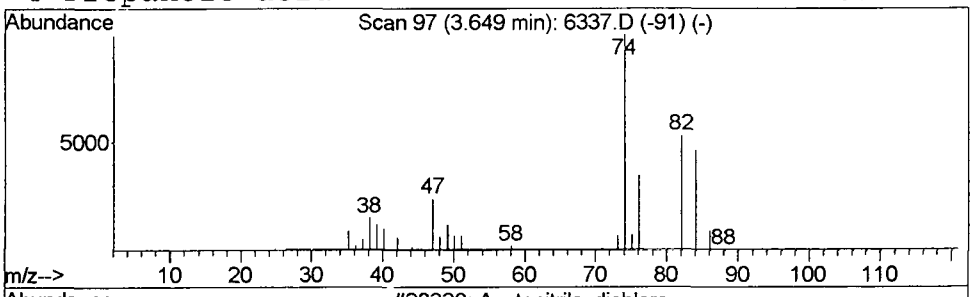
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

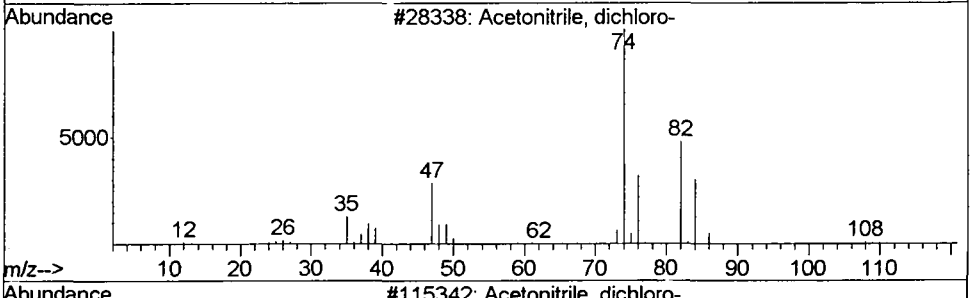
****

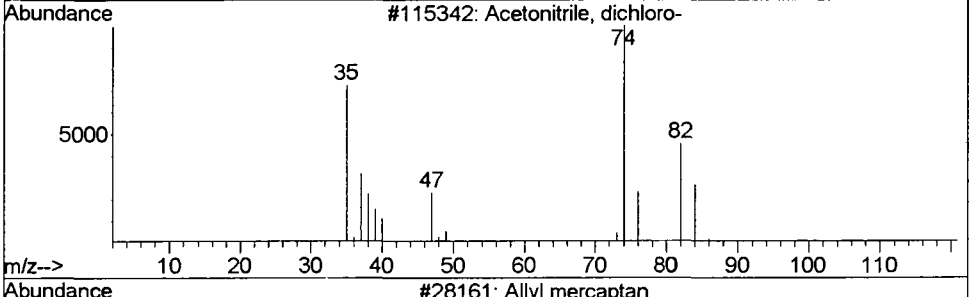
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 3

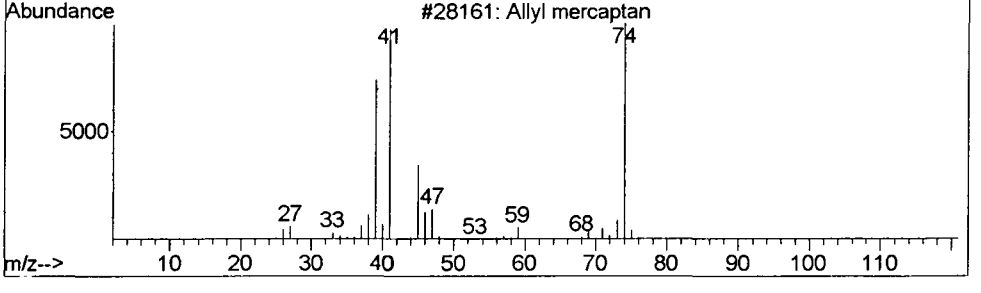
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.33 ug/L	242711	1,4-Dichlorobenzene-d4	9.94

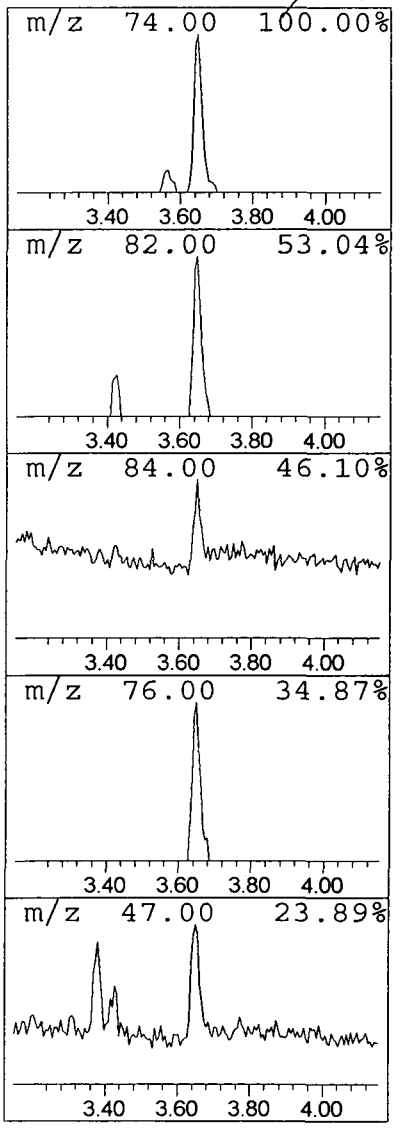
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	50
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	32
3	Allyl mercaptan	74	C3H6S	000870-23-5	9
4	Propanoic acid	74	C3H6O2	000079-09-4	5











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

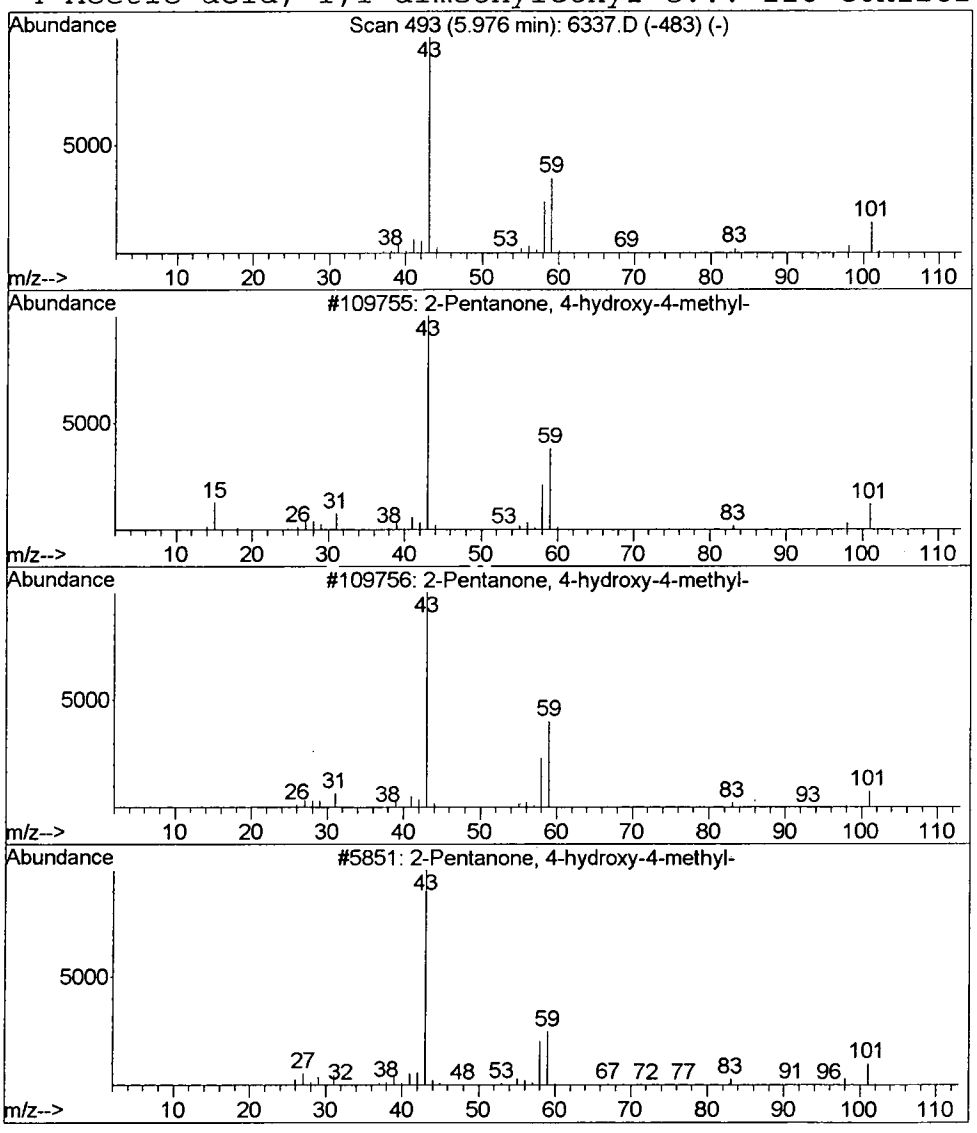
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

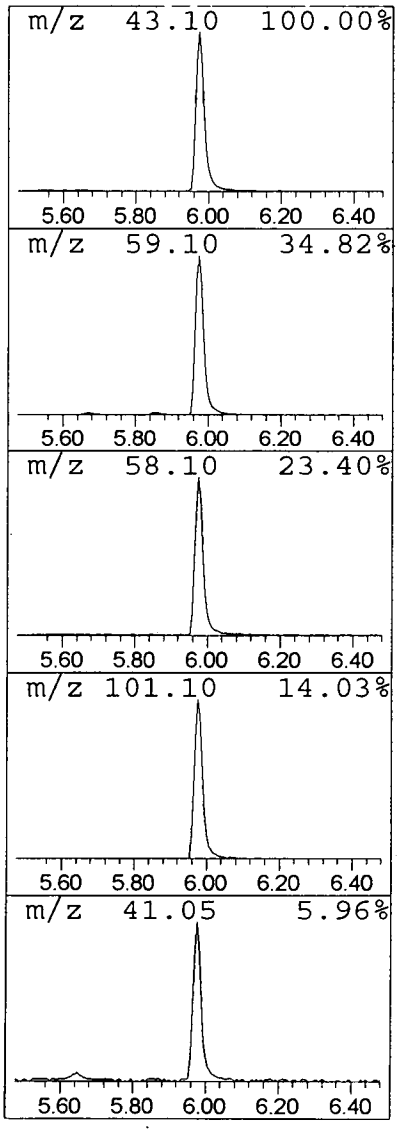
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	10.58 ug/L	7671260	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	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
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MS Integration Params: LSCINT.e

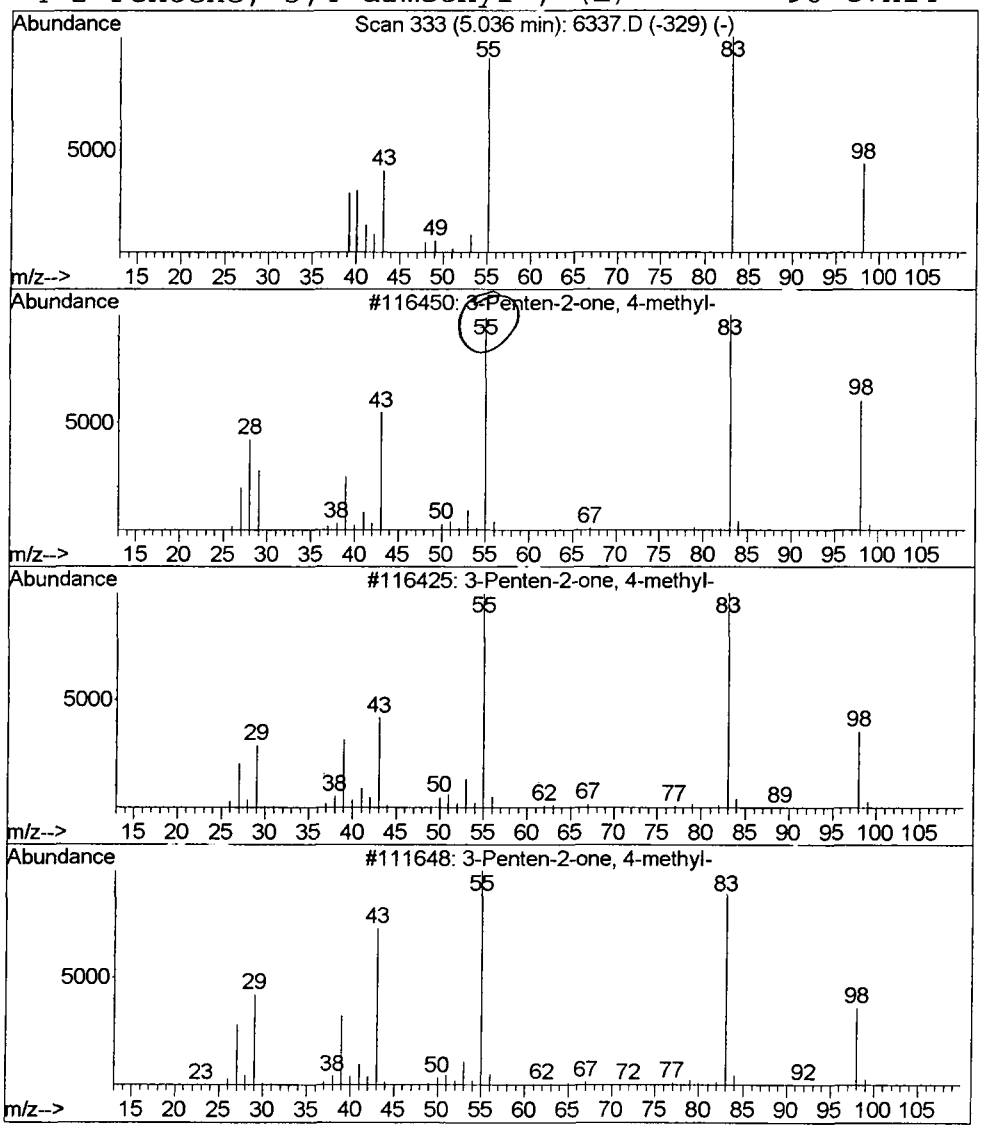
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

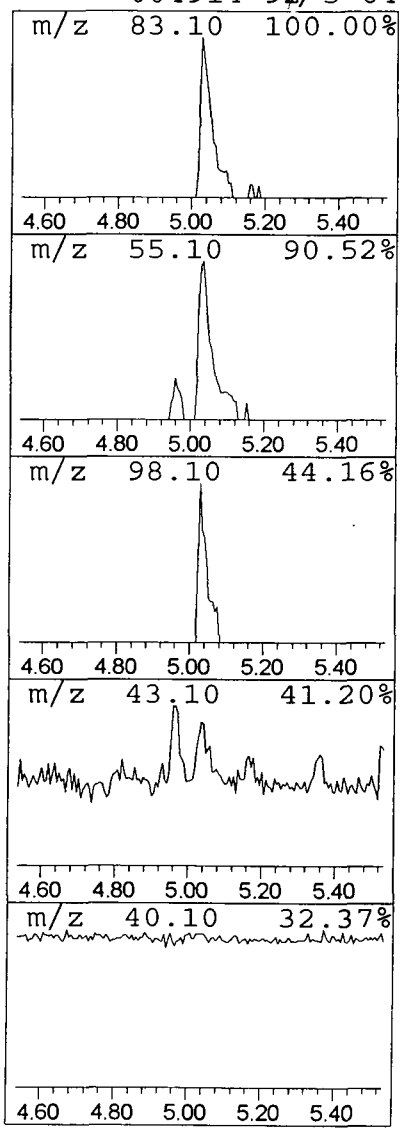
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.20 ug/L	147896	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	80
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

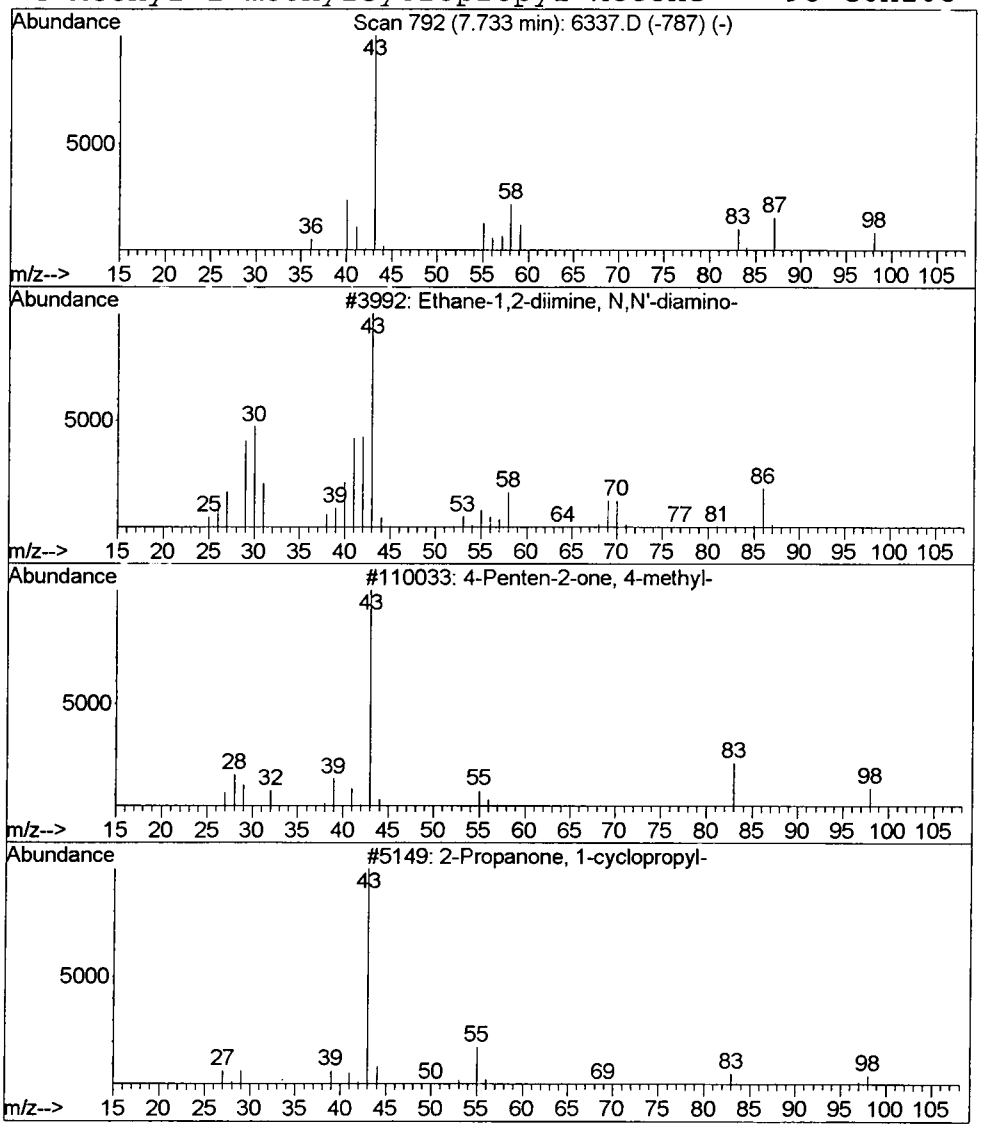
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

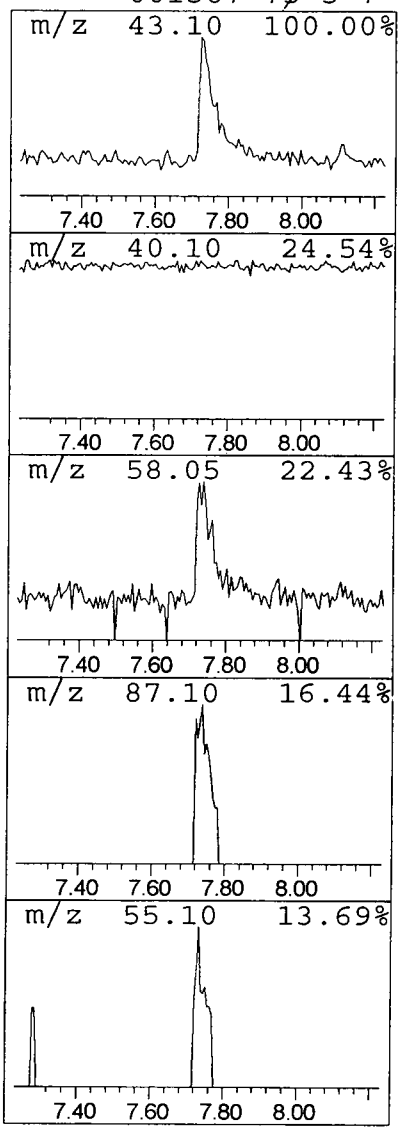
****

Peak Number 5 Ethane-1,2-diimine, N,N'-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.21 ug/L	151728	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	25
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	17
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 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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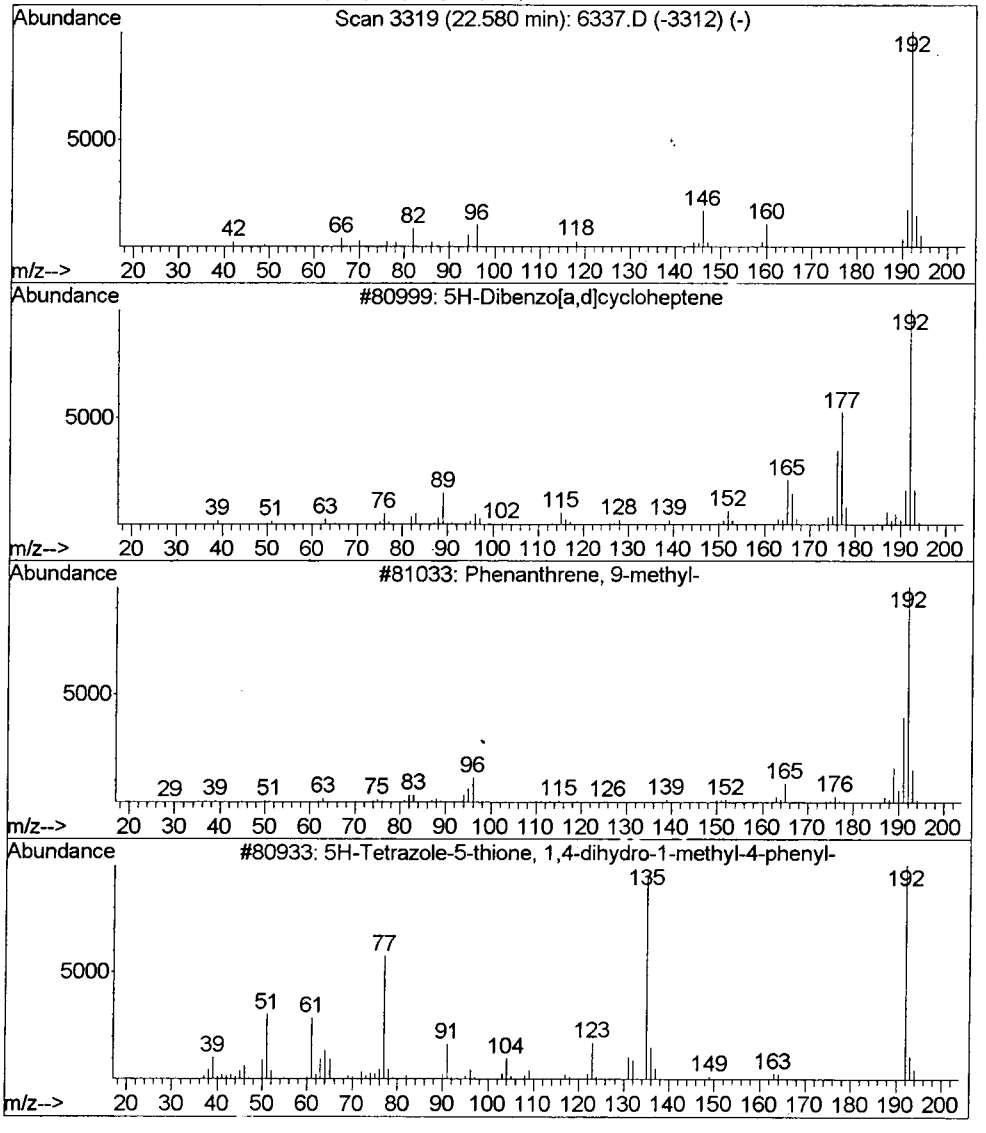
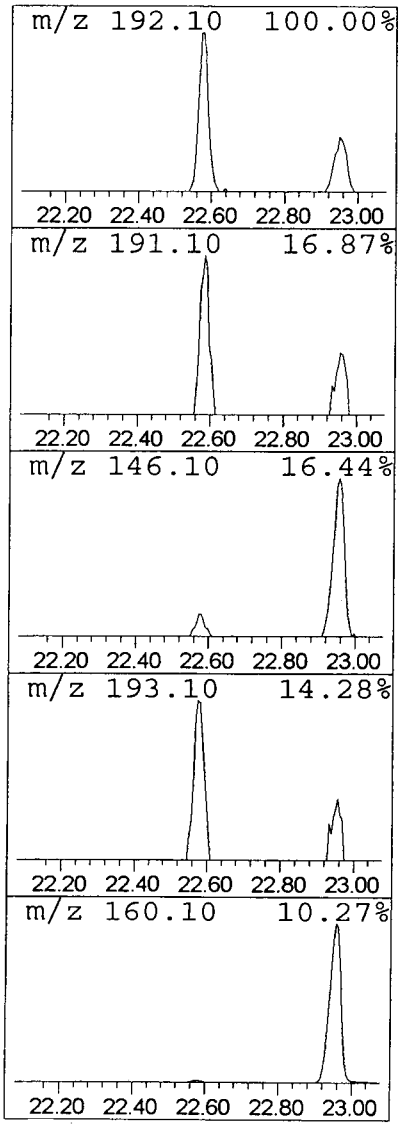
Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.31 ug/L	323114	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
3	5H-Tetrazole-5-thione, 1,4-dihyd...	192	C8H8N4S	1000142-22-5	42
4	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6337.D Vial: 13
Acq On : 1 May 2002 7:29 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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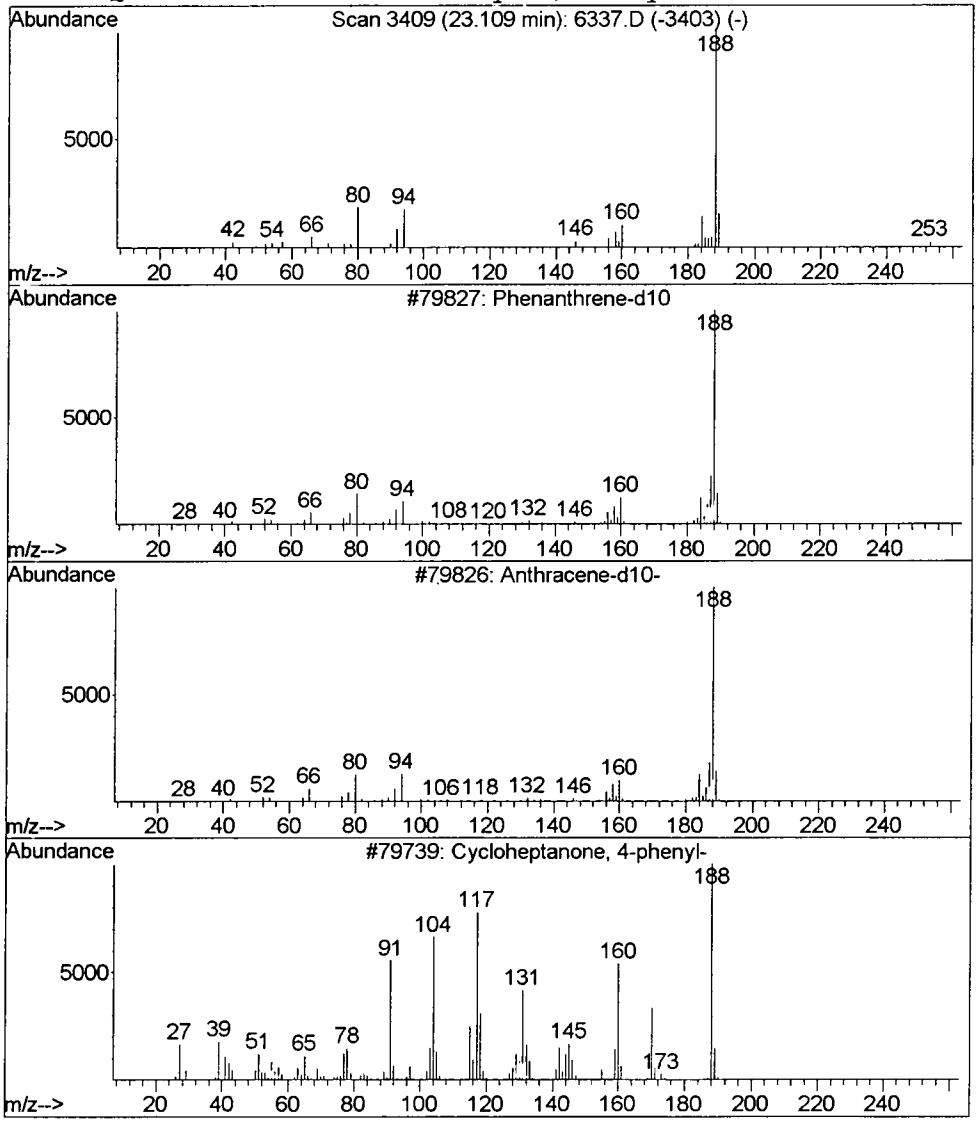
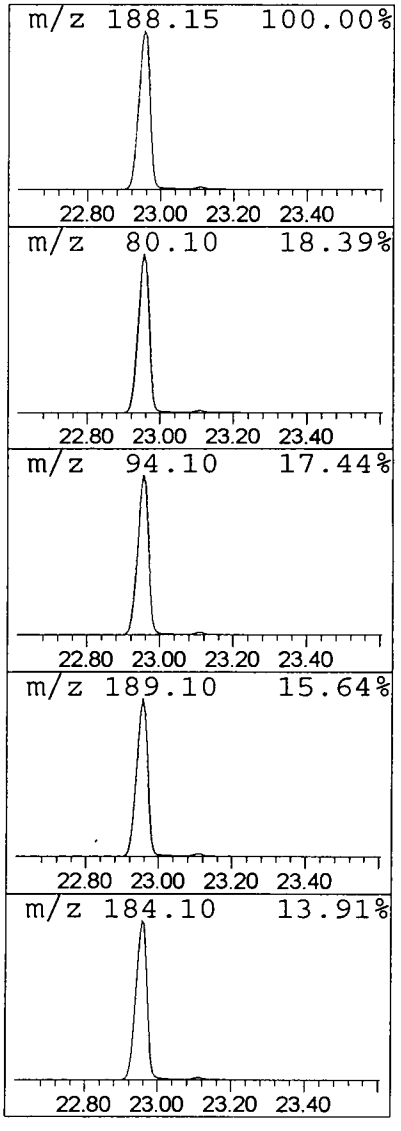
Peak Number 7 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.78 ug/L	811209	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	40
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38

IS





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 1 May 2002 7:29 pm
Data File: C:\MSDCHEM\1\DATA\050102\6337.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
Methane, bromodic...	3.38	0.2	ug/L	156687	1	9.94	29010100	40.0
Acetonitrile, dic...	3.65	0.3	ug/L	242711	1	9.94	29010100	40.0
3-Penten-2-one, 4...	5.04	0.2	ug/L	147896	1	9.94	29010100	40.0
2-Pentanone, 4-hy...	5.98	10.6	ug/L	7671260	1	9.94	29010100	40.0
Ethane-1,2-diimin...	7.73	0.2	ug/L	151728	1	9.94	29010100	40.0
5H-Dibenzo[a,d]cy...	22.58	0.3	ug/L	323114	4	22.96	41453700	40.0
Phenanthrene-d10	23.11	0.8	ug/L	811209	4	22.96	41453700	40.0