User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 14:32:04

Sample: AE10813
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 14:30 Ended: 5/20/02 14:30 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		10.0

Comments for Sample AE10813 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 14:32:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:14:54 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 16 12:34:41 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	5878141	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	23165823	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	12619799	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18160838	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	12770121	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	7727378	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	726083	9.48	ug/L	0.00
Spiked Amount 10.000			Recovery = 94.80%			
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.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	25.09	149	30167	N.D.		

(#) = qualifier out of range (m) = manual integration

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Acq On : 15 May 2002 8:17 am Operator: Mclean
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Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:14:54 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 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

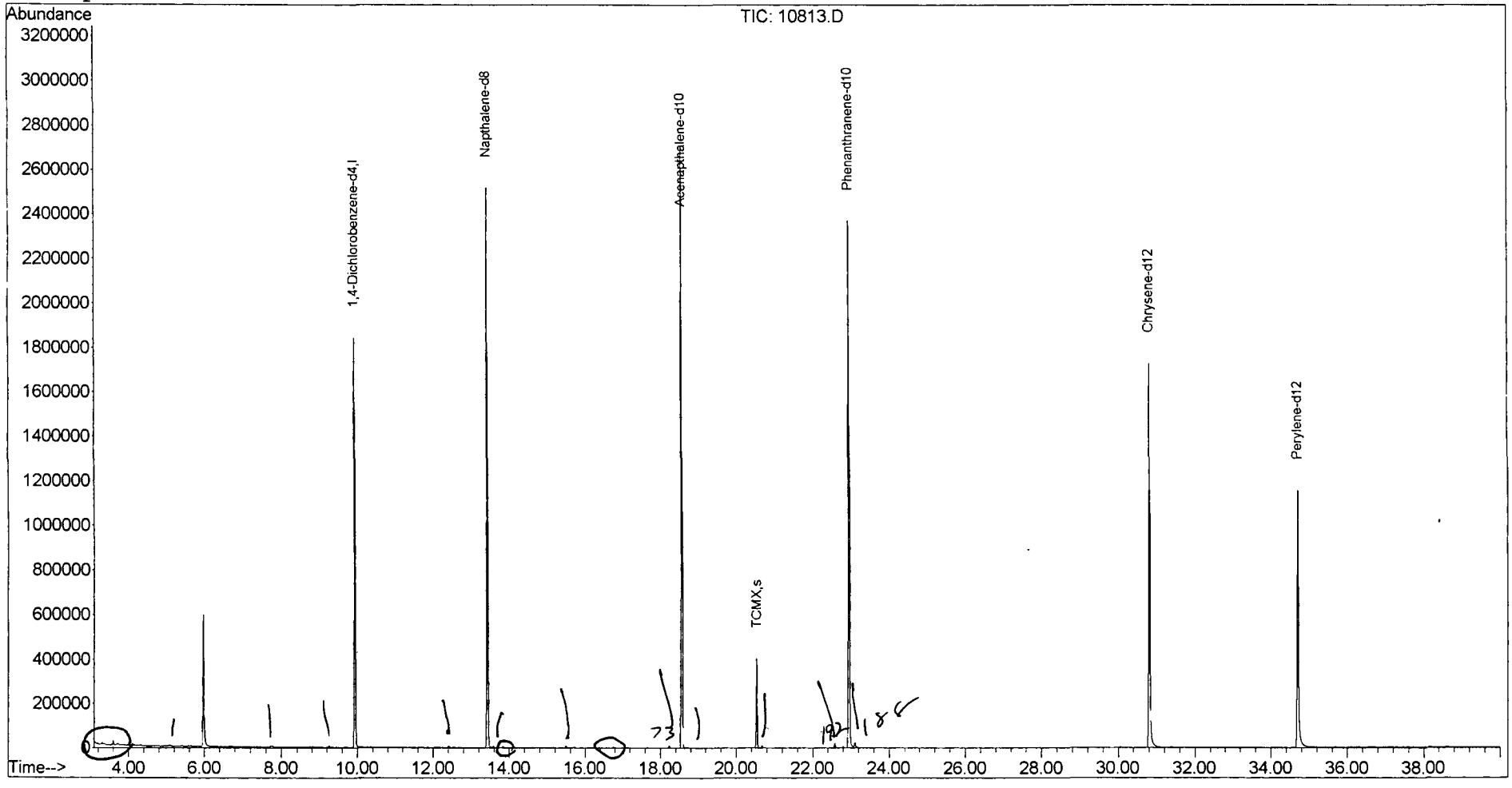
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.81	228	31456	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	21868	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	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.	
50)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:15 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 16 12:34:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

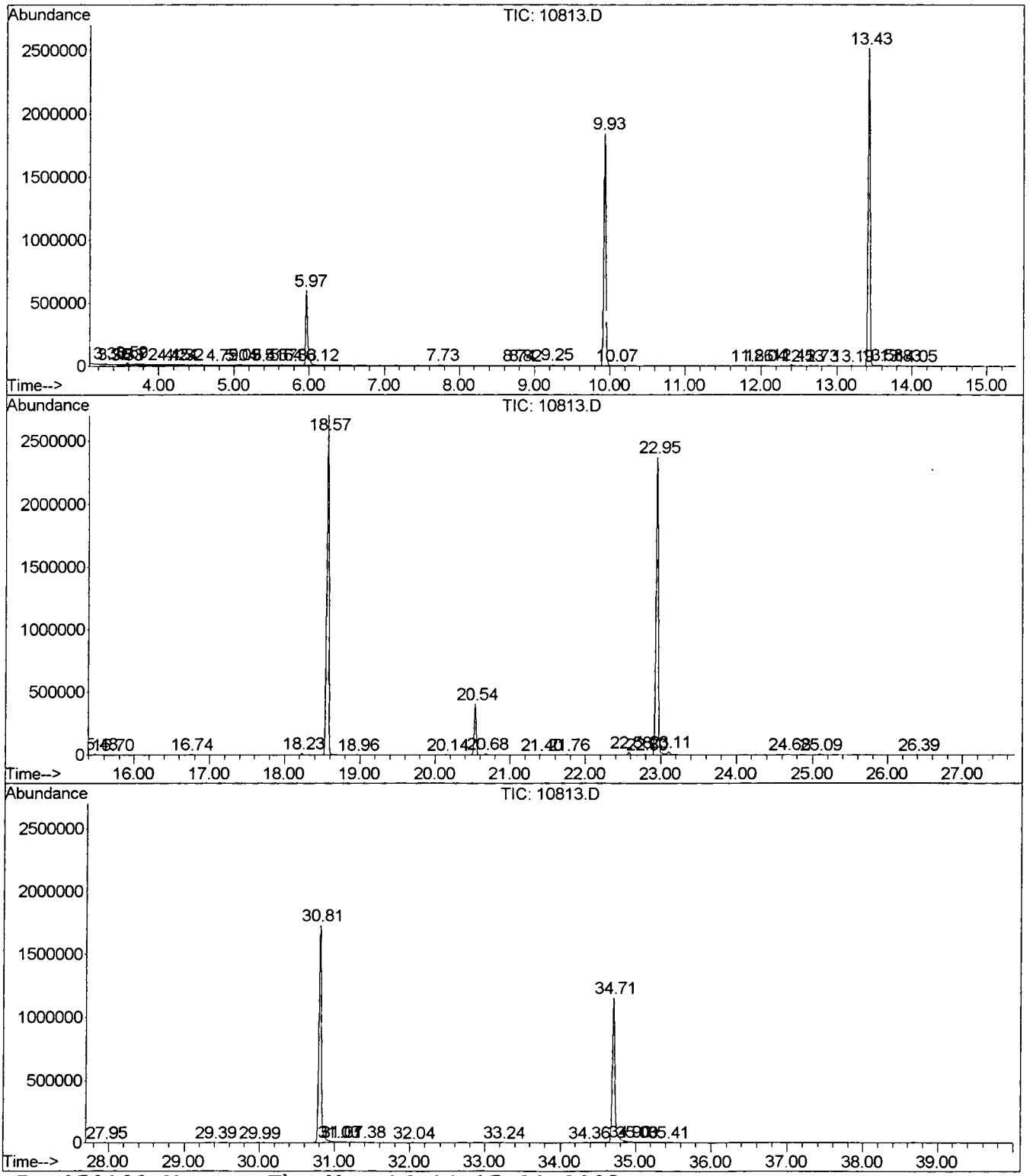
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.302	31	38	44	PV	8695	132454	0.26%	0.048%
2	3.355	44	47	57	VV 5	3078	69461	0.13%	0.025%
3	3.526	69	76	78	PV 5	1851	30884	0.06%	0.011%
4	3.590	82	87	94	VV 2	19362	329826	0.64%	0.119%
5	3.720	97	109	128	VV 6	6781	398685	0.77%	0.144%
6	4.149	175	182	190	VV 7	3000	95559	0.18%	0.035%
7	4.237	190	197	202	VV 7	2980	71580	0.14%	0.026%
8	4.319	202	211	225	VV 5	3262	95771	0.18%	0.035%
9	4.783	285	290	296	PV 5	1699	26621	0.05%	0.010%
10	5.036	323	333	336	PV 8	2883	61327	0.12%	0.022%
11	5.089	336	342	357	VV 7	5563	180919	0.35%	0.065%
12	5.406	391	396	403	VV 5	3971	79053	0.15%	0.029%
13	5.570	418	424	426	VV 6	1857	35594	0.07%	0.013%
14	5.641	430	436	449	VV 7	3661	102618	0.20%	0.037%
15	5.835	462	469	473	VV 4	2209	54255	0.10%	0.020%
16	5.964	478	491	516	PV	582172	11236069	21.70%	4.062%
17	6.123	516	518	522	VV 3	2777	44533	0.09%	0.016%
18	7.733	787	792	812	PV 2	6824	211183	0.41%	0.076%
19	8.743	951	964	972	PV 7	2371	61354	0.12%	0.022%
20	8.826	972	978	983	VV 5	3065	69447	0.13%	0.025%
21	9.254	1046	1051	1057	PV 2	8751	149781	0.29%	0.054%
22	9.936	1158	1167	1187	PV	1827117	35433857	68.44%	12.811%
23	10.071	1187	1190	1196	VV 5	1650	28535	0.06%	0.010%
24	11.863	1489	1495	1505	PV 5	3383	70301	0.14%	0.025%
25	12.039	1510	1525	1532	VB 4	2411	59426	0.11%	0.021%
26	12.410	1582	1588	1593	VV 2	9119	148864	0.29%	0.054%
27	12.527	1600	1608	1616	PV 6	2351	48566	0.09%	0.018%
28	12.727	1636	1642	1650	VV 3	1970	46867	0.09%	0.017%
29	13.197	1712	1722	1734	VV 4	1768	50639	0.10%	0.018%
30	13.432	1750	1762	1780	BV	2521068	47447054	91.65%	17.155%
31	13.585	1780	1788	1799	VV 2	7847	177156	0.34%	0.064%
32	13.826	1824	1829	1837	VV 5	5670	98676	0.19%	0.036%
33	14.043	1862	1866	1873	VV 3	1829	29249	0.06%	0.011%
34	15.483	2100	2111	2119	PV 2	7770	128391	0.25%	0.046%
35	15.700	2142	2148	2154	PV 3	2705	48248	0.09%	0.017%
36	16.746	2315	2326	2338	PV 5	4527	105808	0.20%	0.038%
37	18.232	2571	2579	2585	PV	11940	184525	0.36%	0.067%

39	18.955	2697	2702	2708	VV	3	1897	30716	0.06%	0.011%
40	20.148	2897	2905	2913	PV	3	2030	41291	0.08%	0.015%
41	20.536	2960	2971	2984	PV		396059	7167003	13.84%	2.591%
42	20.682	2984	2996	3005	VV	2	10226	171452	0.33%	0.062%
43	21.399	3111	3118	3129	VV	3	1965	37330	0.07%	0.013%
44	21.758	3173	3179	3184	PV	4	2253	33396	0.06%	0.012%
45	22.580	3312	3319	3327	PV	2	19769	372342	0.72%	0.135%
46	22.798	3350	3356	3364	VV	2	5331	96304	0.19%	0.035%
47	22.956	3368	3383	3402	VV	2	2340056	49428213	95.47%	17.871%
48	23.109	3402	3409	3440	VV	2	23405	643422	1.24%	0.233%
49	24.678	3663	3676	3682	PV	4	3495	57168	0.11%	0.021%
50	25.095	3740	3747	3752	BV	2	2230	50655	0.10%	0.018%
51	26.394	3953	3968	3973	PV	3	2028	37124	0.07%	0.013%
52	27.951	4225	4233	4243	BV	3	2125	38463	0.07%	0.014%
53	29.396	4462	4479	4490	PV	4	1883	45501	0.09%	0.016%
54	29.989	4574	4580	4589	PV	3	1629	42804	0.08%	0.015%
55	30.806	4688	4719	4756	PV	2	1715378	39796875	76.87%	14.389%
56	31.035	4756	4758	4763	VV	2	4023	80649	0.16%	0.029%
57	31.070	4763	4764	4783	VV	6	2731	112614	0.22%	0.041%
58	31.376	4810	4816	4830	PV	4	4166	106776	0.21%	0.039%
59	32.034	4922	4928	4946	VV	3	1870	42388	0.08%	0.015%
60	33.239	5125	5133	5139	VV	3	1761	39099	0.08%	0.014%
61	34.361	5320	5324	5329	VV	3	2045	40197	0.08%	0.015%
62	34.707	5371	5383	5414	PV	2	1145389	28258606	54.58%	10.217%
63	34.901	5414	5416	5431	VV	8	7317	284838	0.55%	0.103%
64	34.995	5431	5432	5437	VV	4	3323	59094	0.11%	0.021%
65	35.413	5498	5503	5512	VV	3	2155	52549	0.10%	0.019%

Sum of corrected areas: 276582205

File : C:\MSDCHEM\1\DATA\051402\10813.D
Operator : Mclean
Acquired : 15 May 2002 8:17 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/7 kb
Misc Info :
Vial Number: 23
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

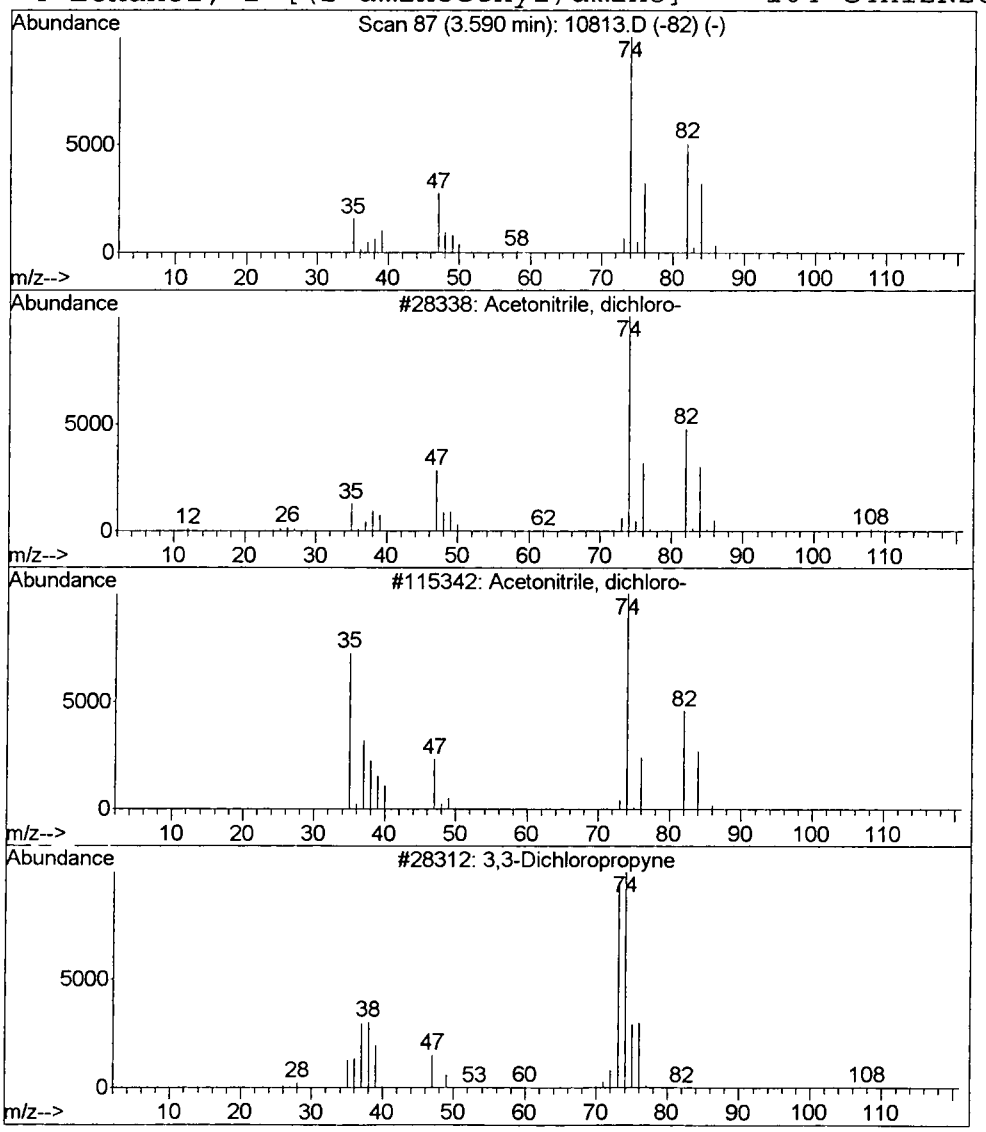
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

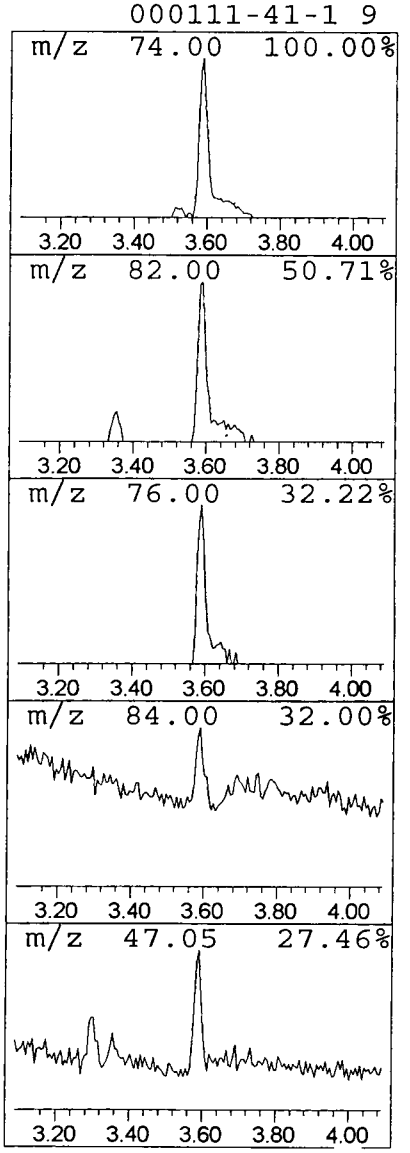
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	0.37 ug/L	329826	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	78
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
4	Ethanol, 2-[(2-aminoethyl)amino]-	104	C4H12N2O	000111-41-1	9





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

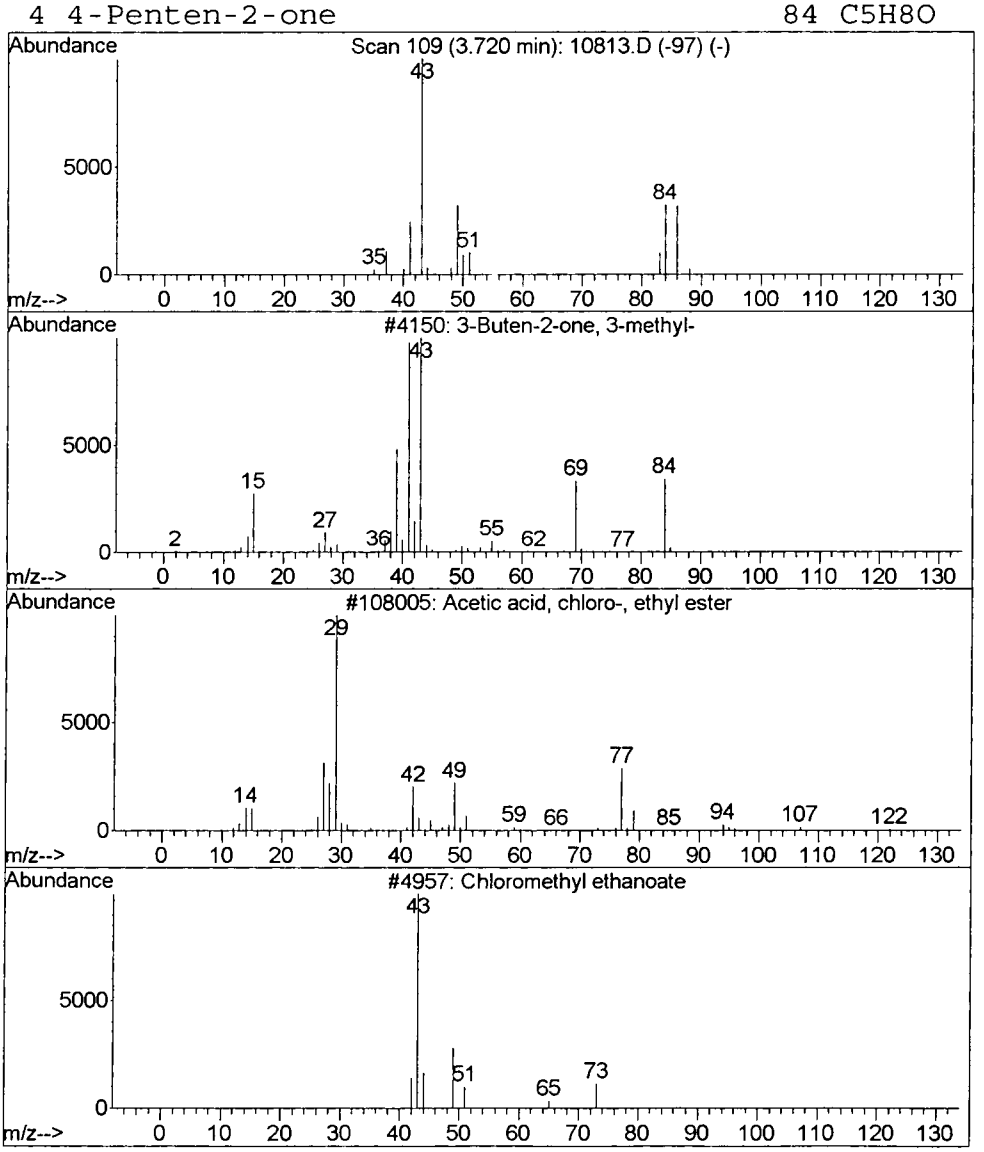
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

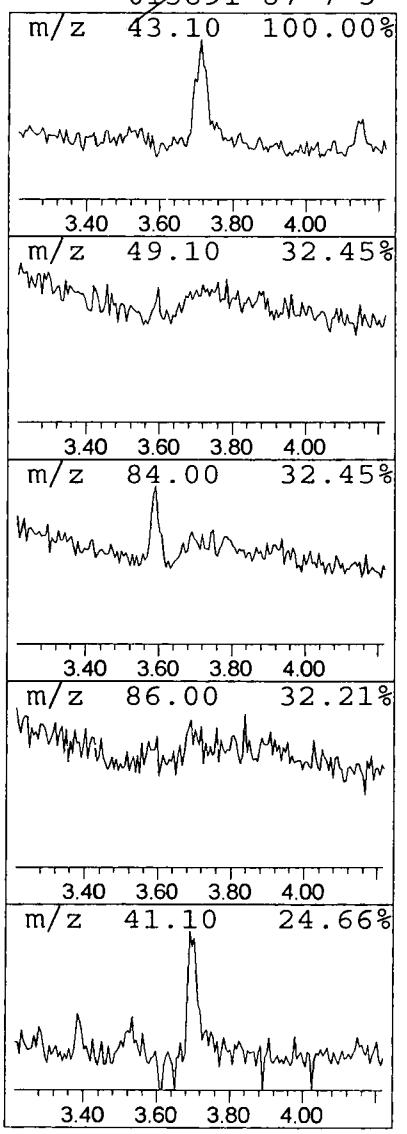
****

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.45 ug/L	398685	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	9
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	4
3	Chloromethyl ethanoate	108	C3H5ClO2	1000143-34-6	4
4	4-Penten-2-one	84	C5H8O	013891-87-7	3





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

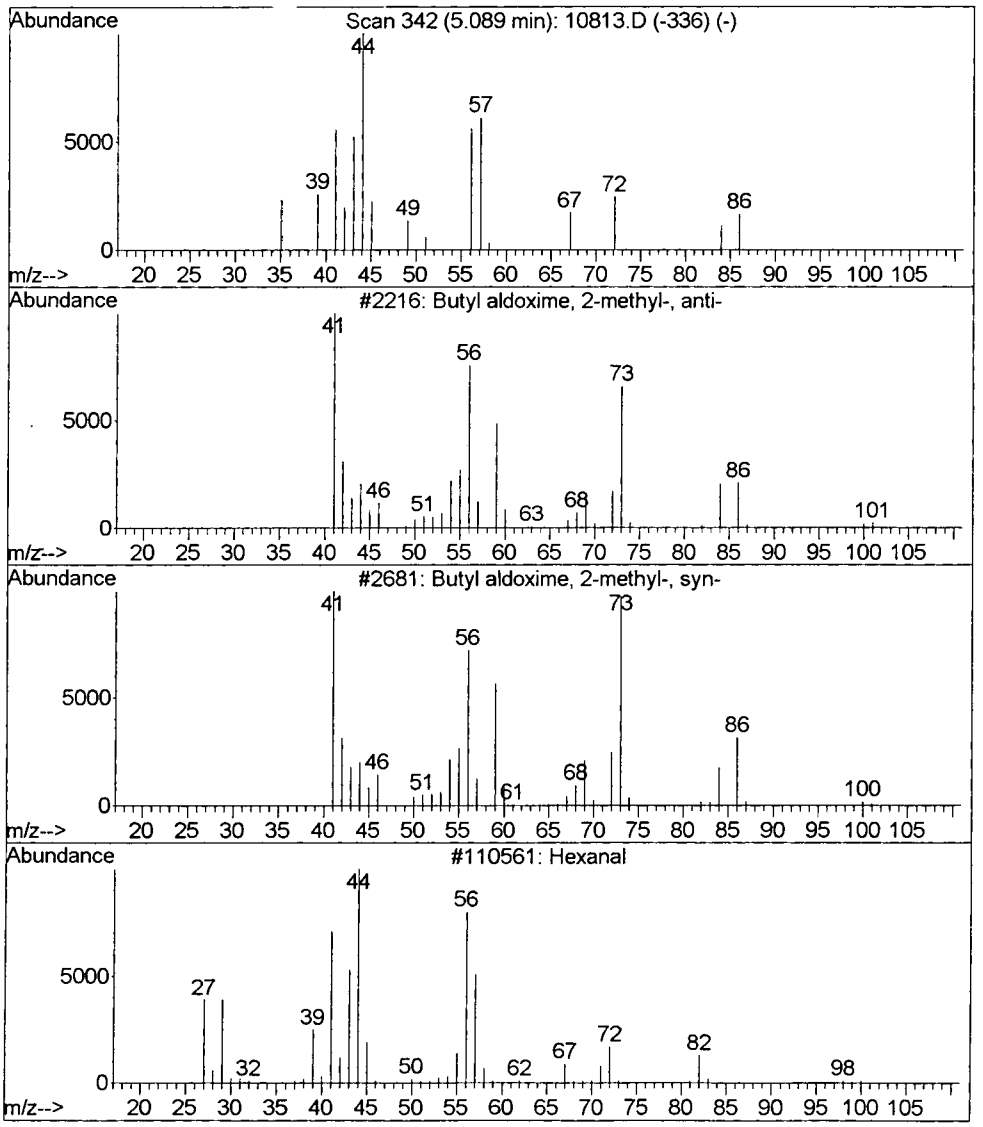
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

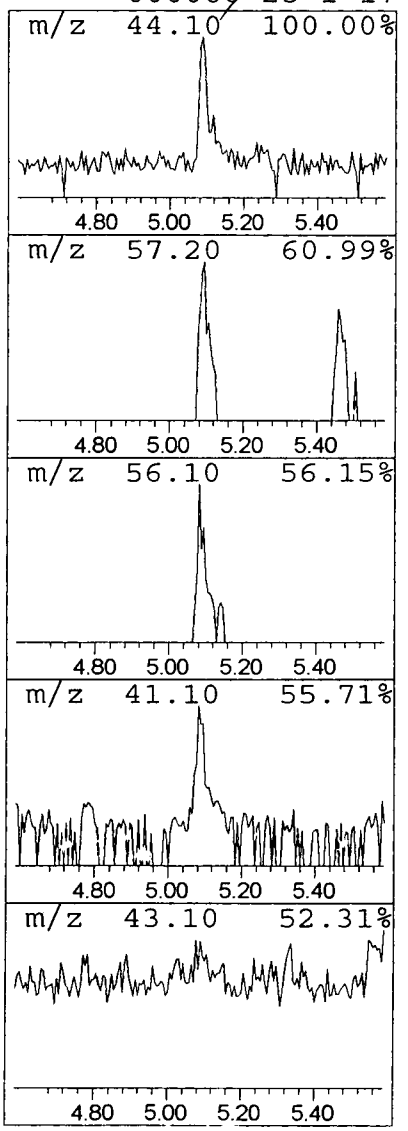
****

Peak Number 3 Butyl aldoxime, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	0.20 ug/L	180919	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl aldoxime, 2-methyl-, anti-	101	C5H11NO	049805-55-2	25
2	Butyl aldoxime, 2-methyl-, syn-	101	C5H11NO	049805-56-3	25
3	Hexanal	100	C6H12O	000066-25-1	25
4	Hexanal	100	C6H12O	000066-25-1	17





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

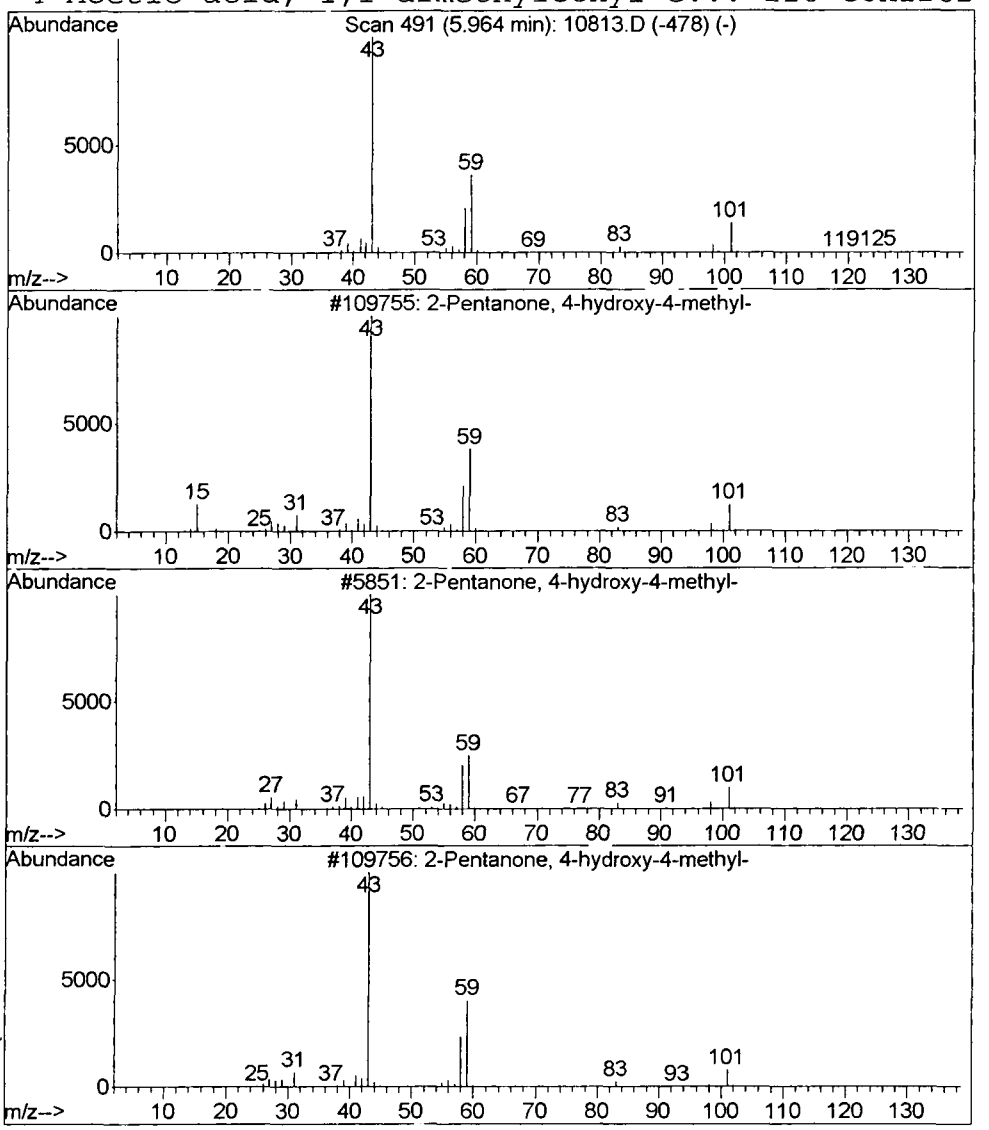
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

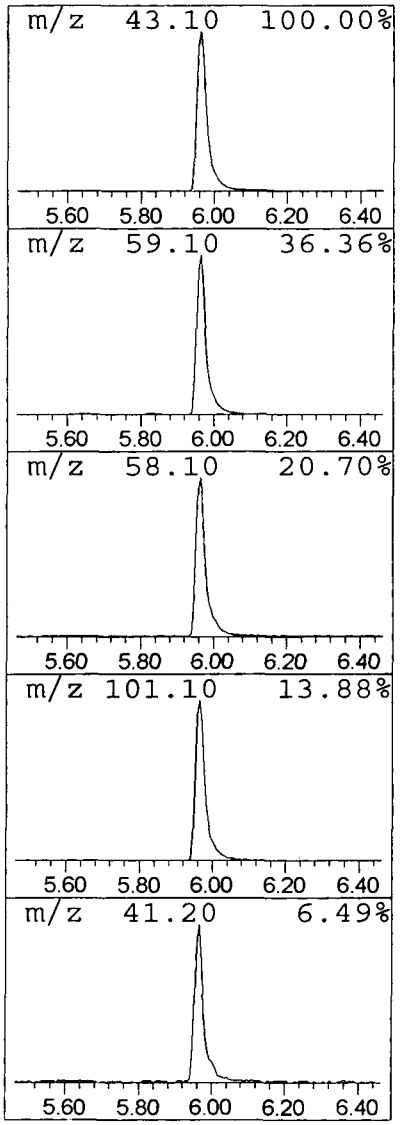
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	12.68 ug/L	11236100	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	78
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	33





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

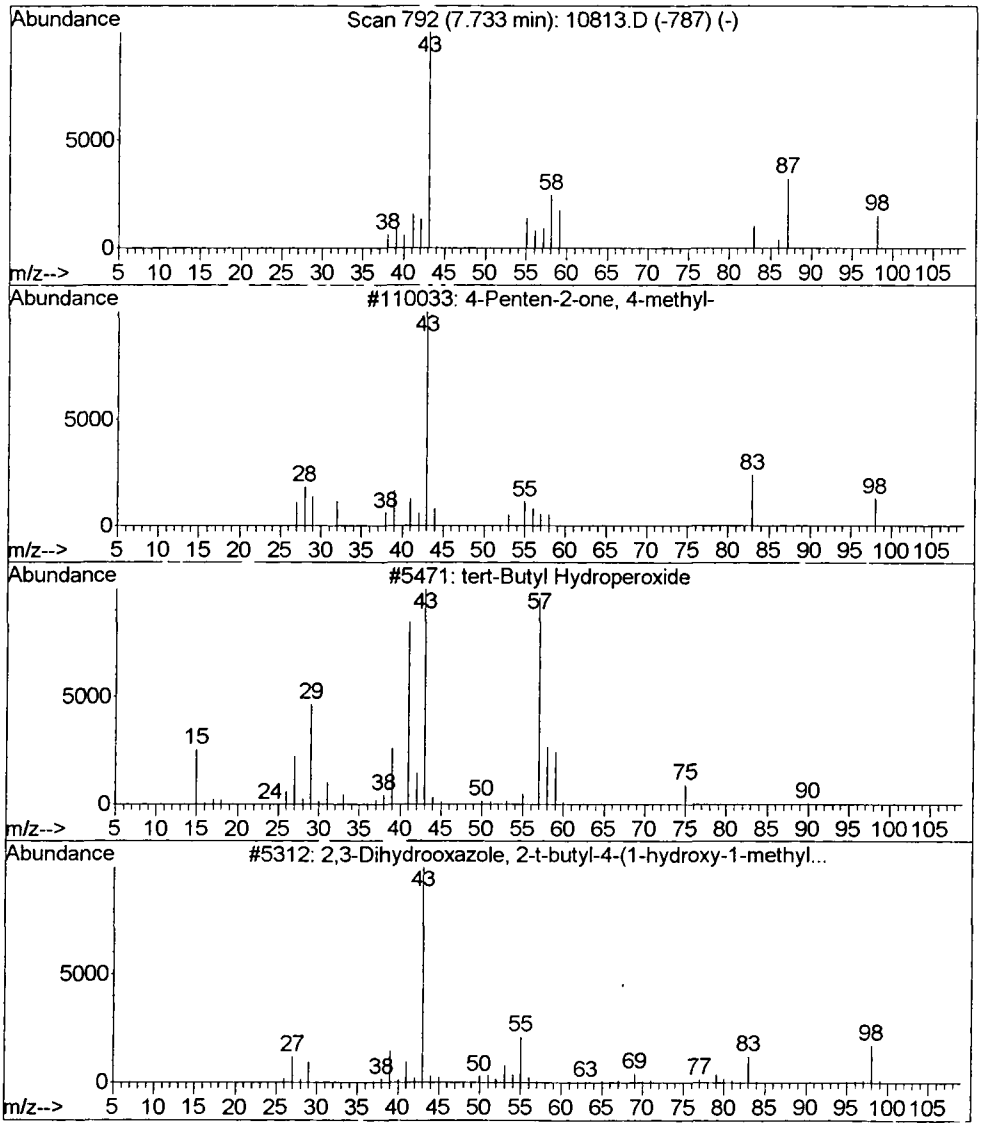
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

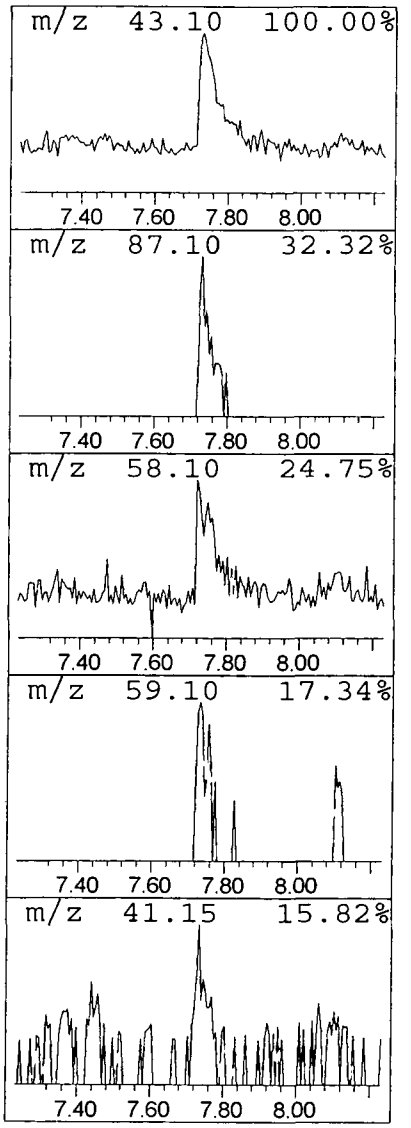
****

Peak Number 5 4-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.24 ug/L	211183	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	35
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	23
3	2,3-Dihydrooxazole, 2-t-butyl-4-...	98	C6H10O	036808-01-2	9
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb 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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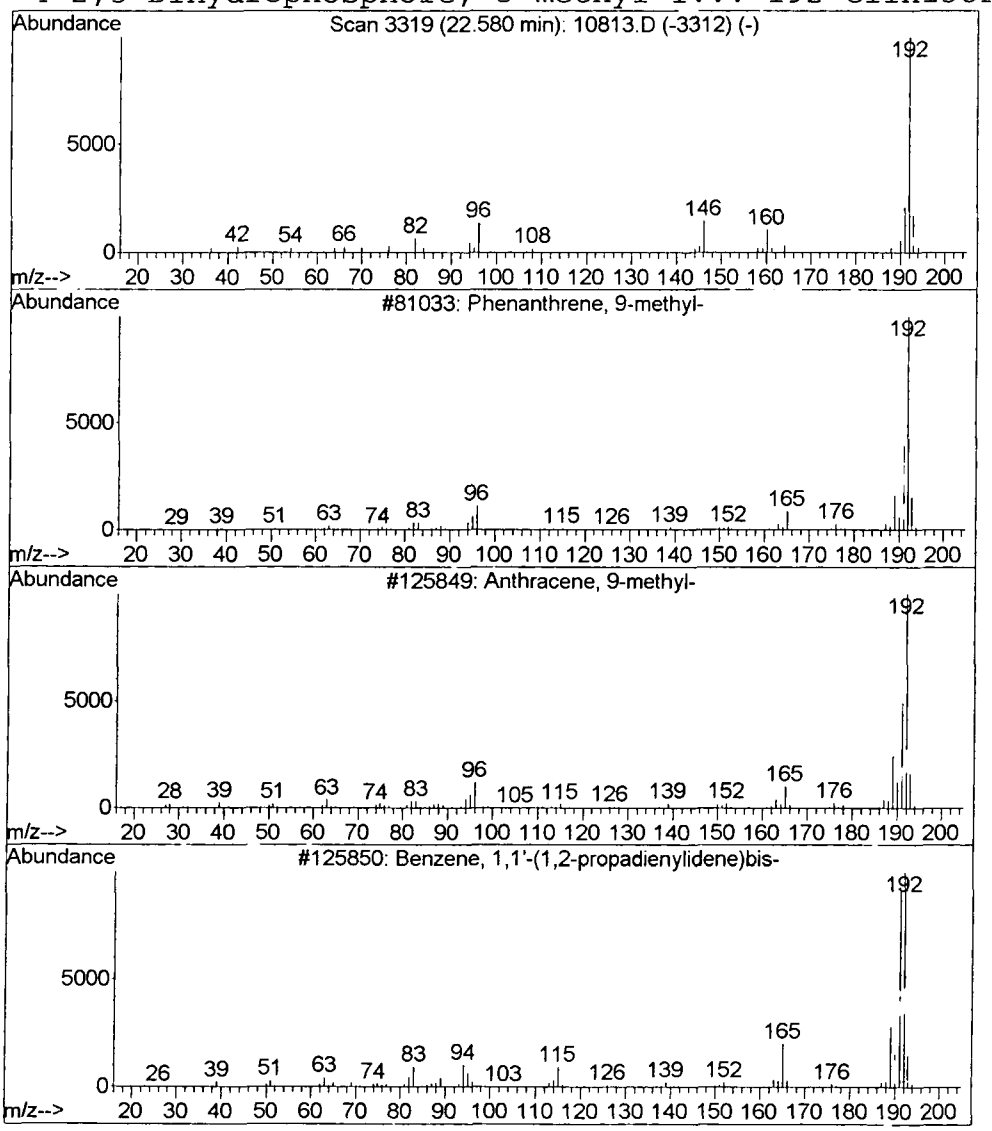
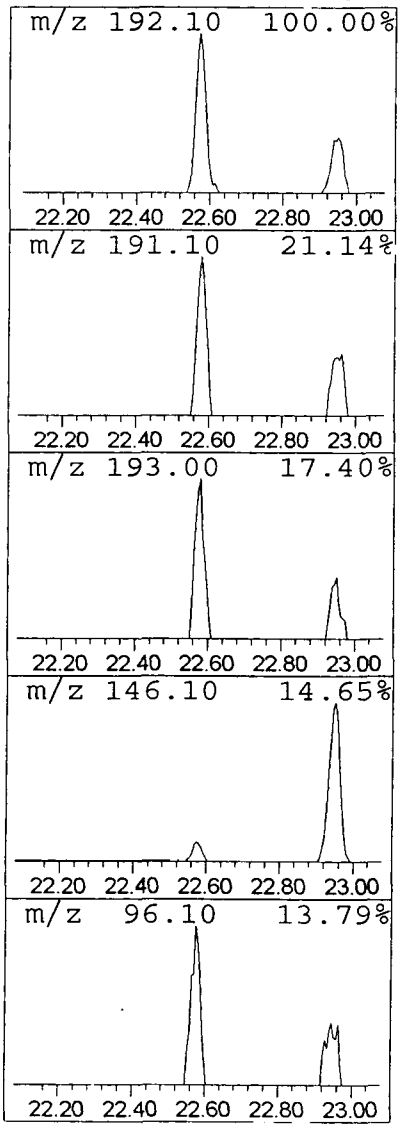
Peak Number 6 Phenanthrene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.30 ug/L	372342	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	47
4	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45





Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb 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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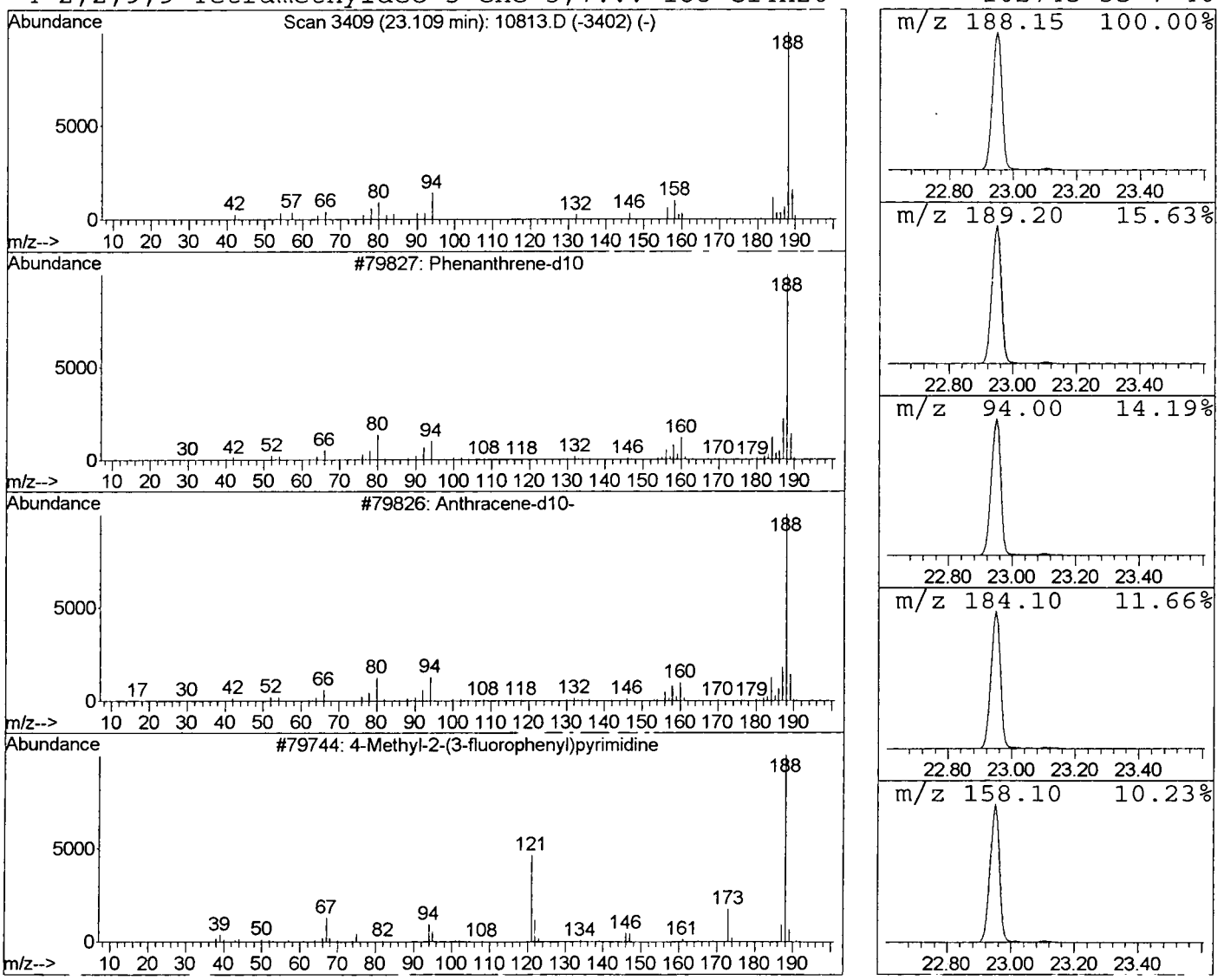
Peak Number 7 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.52 ug/L	643422	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	83
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	40
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	40



Data File : C:\MSDCHEM\1\DATA\051402\10813.D Vial: 23
Acq On : 15 May 2002 8:17 am Operator: Mclean
Sample : 5/7 kb 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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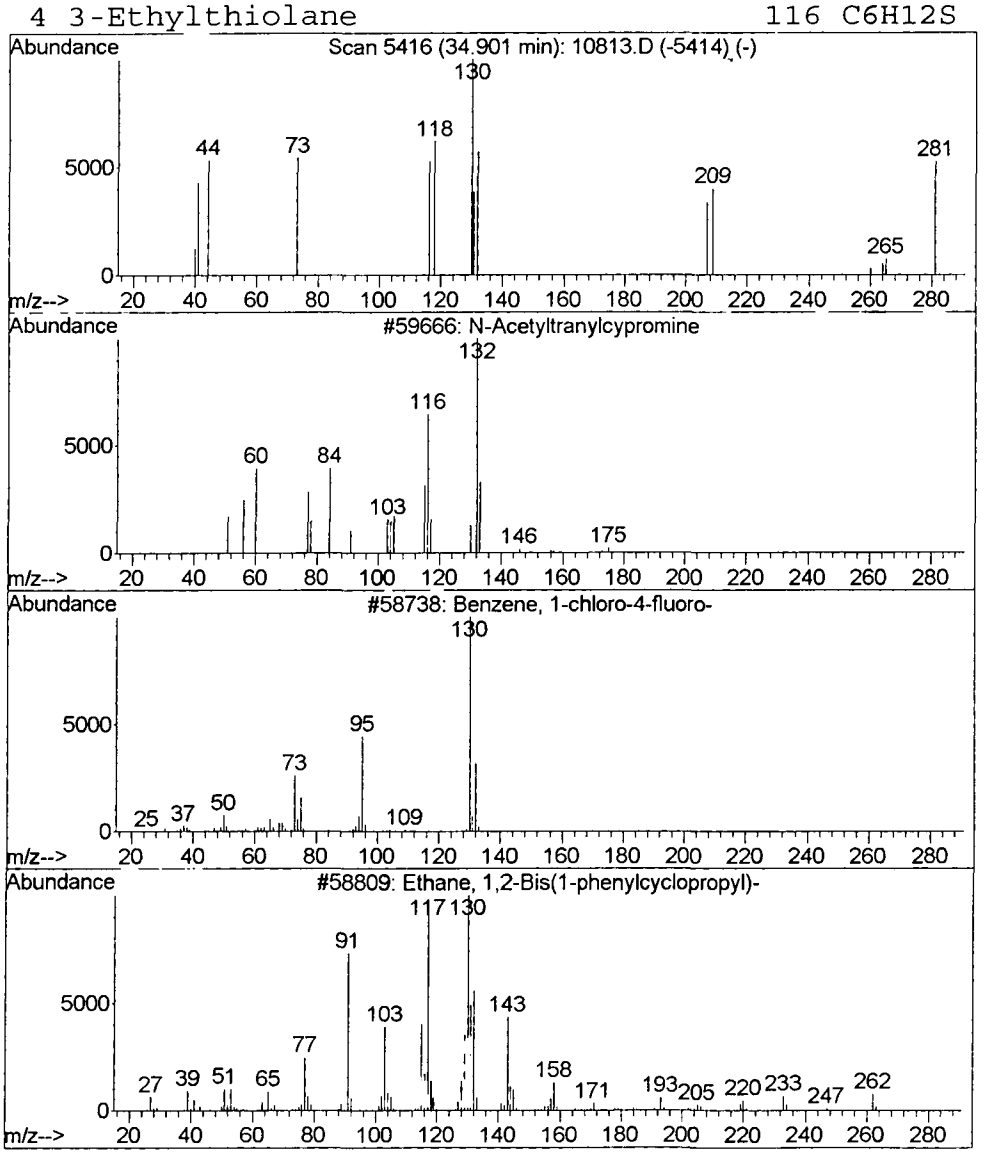
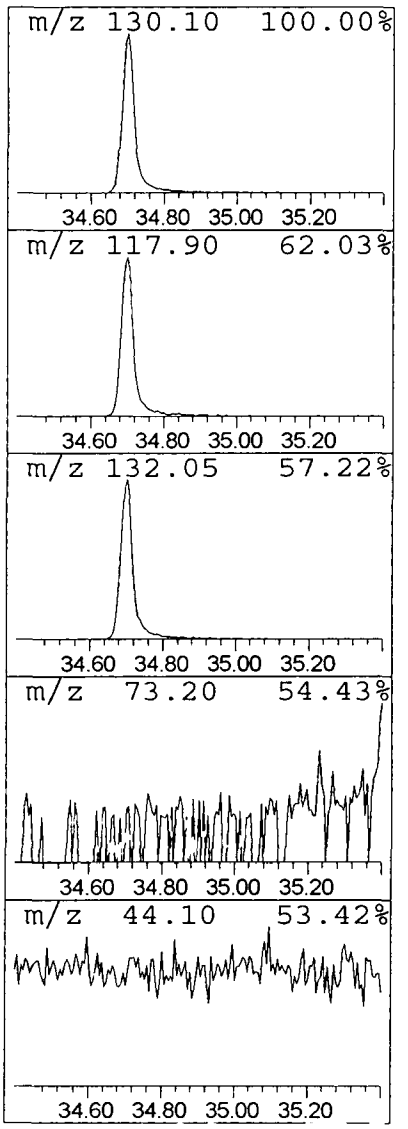
Peak Number 8 N-Acetyltranylcypromine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.40 ug/L	284838	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Acetyltranylcypromine	175	C11H13NO	078682-61-8	9
2	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	9
3	Ethane, 1,2-Bis(1-phenylcyclopro...	262	C20H22	1000210-95-2	9
4	3-Ethylthiolane	116	C6H12S	1000215-08-2	5





Operator ID: Mclean Date Acquired: 15 May 2002 8:17 am
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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...	3.59	0.4	ug/L	329826	1	9.94	35433900	40.0
3-Buten-2-one, 3-...	3.72	0.5	ug/L	398685	1	9.94	35433900	40.0
Butyl aldoxime, 2...	5.09	0.2	ug/L	180919	1	9.94	35433900	40.0
2-Pentanone, 4-hy...	5.97	12.7	ug/L	11236100	1	9.94	35433900	40.0
4-Penten-2-one, 4...	7.73	0.2	ug/L	211183	1	9.94	35433900	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	372342	4	22.95	49428200	40.0
Phenanthrene-d10	23.11	0.5	ug/L	643422	4	22.95	49428200	40.0
N-Acetyltranylcyp...	34.90	0.4	ug/L	284838	6	34.70	28258600	40.0