User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 11:51:10

Sample: AE06407
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 11:50 Ended: 5/3/02 11:50 Analyst: DLV
Page: 1

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

Comments for Sample AE06407 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 11:51:35

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\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 10:40:46 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

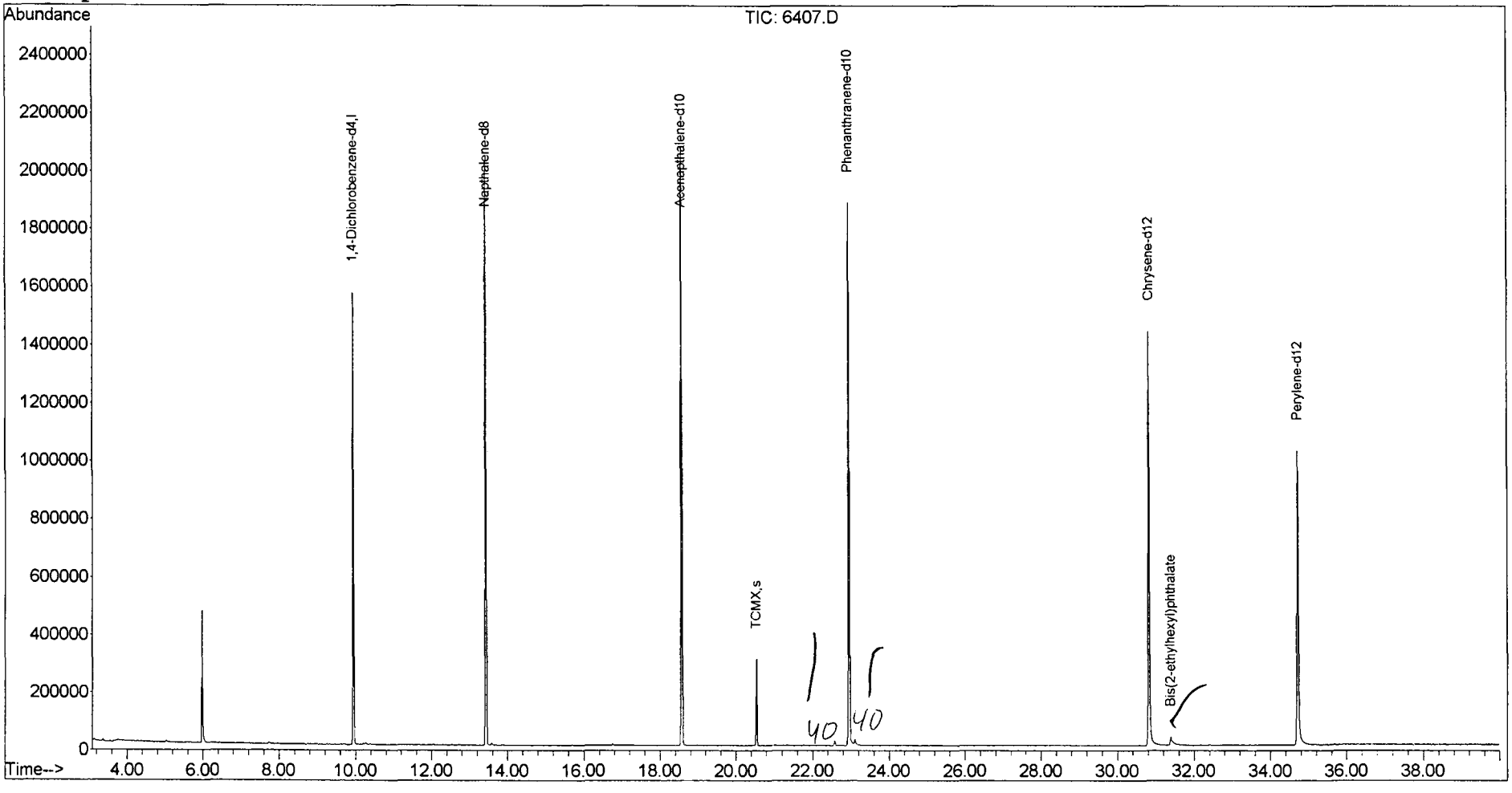
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4596380	40.00	ug/L	0.01
10) Napthalene-d8	13.43	136	18412492	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	9937878	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	14321507	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	10778502	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	7213425	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	207	572043	7.30	ug/L	0.00
Spiked Amount 10.000			Recovery = 73.00%			
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.39	149	316524	1.19	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 10:40 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\6407.D
Acq On : 1 May 2002 10:45 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 17
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

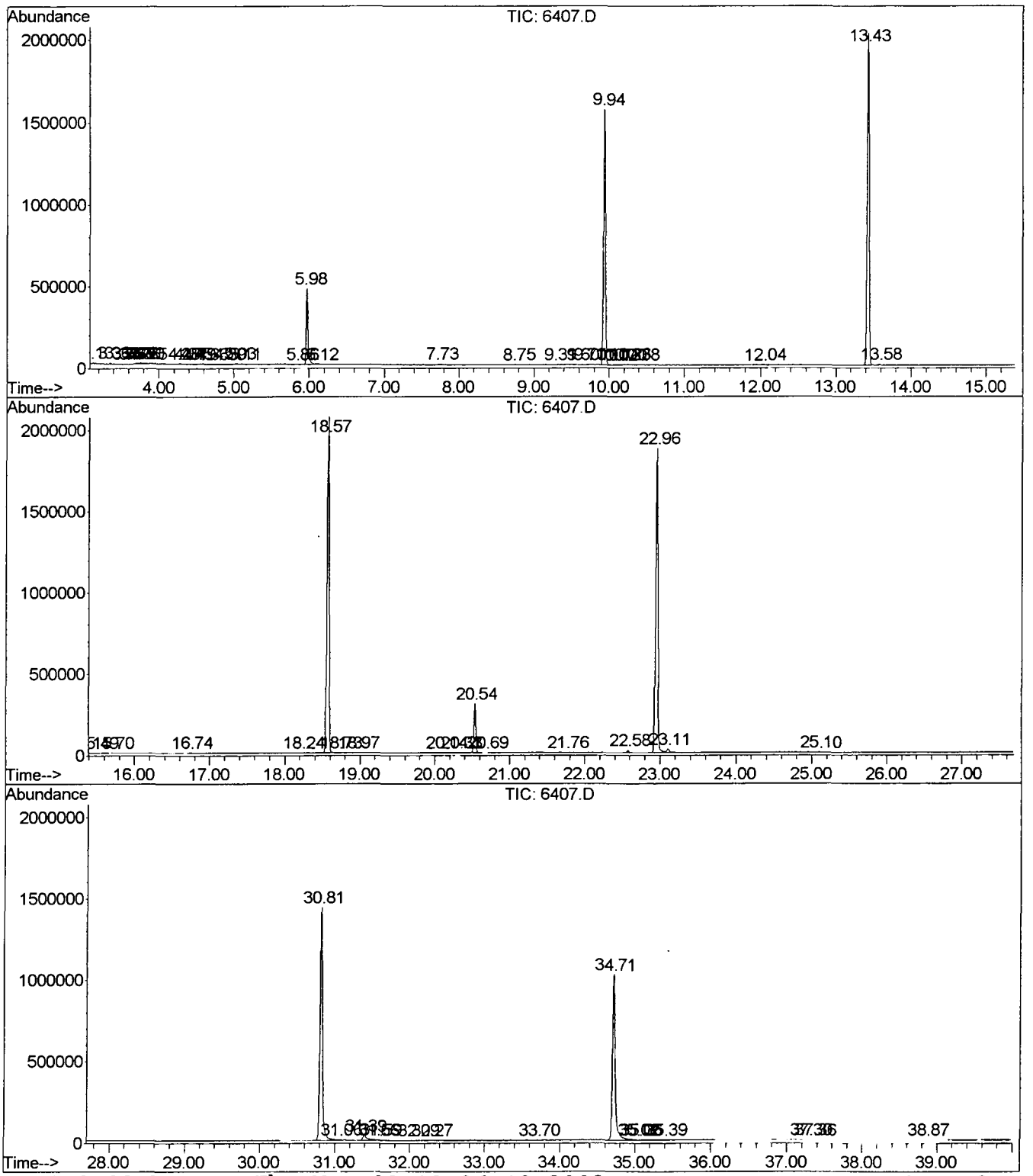
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.132	3	9	19	BV 3	4786	82840	0.20%	0.037%
2	3.355	42	47	52	PV 2	7050	120105	0.29%	0.053%
3	3.549	77	80	81	PV 3	1790	17115	0.04%	0.008%
4	3.631	91	94	98	PV 5	2844	33068	0.08%	0.015%
5	3.690	98	104	106	VV 4	3780	64595	0.16%	0.029%
6	3.714	106	108	111	VV 4	4212	70650	0.17%	0.031%
7	3.755	111	115	122	VV 6	5647	151297	0.37%	0.067%
8	3.802	122	123	129	VV 4	2443	42497	0.10%	0.019%
9	3.849	129	131	136	VV 3	2030	25998	0.06%	0.012%
10	4.278	199	204	210	PV 6	3416	68167	0.17%	0.030%
11	4.366	213	219	221	VV 4	2364	33940	0.08%	0.015%
12	4.454	227	234	238	PV 7	2007	48102	0.12%	0.021%
13	4.495	238	241	244	VV 5	2154	30316	0.07%	0.013%
14	4.660	265	269	279	VV 5	2324	59437	0.15%	0.026%
15	4.895	306	309	311	PV 3	2021	20664	0.05%	0.009%
16	5.030	324	332	341	VV 5	6505	188737	0.46%	0.084%
17	5.106	341	345	352	VV 7	3630	77542	0.19%	0.034%
18	5.858	467	473	476	VV 4	2081	39651	0.10%	0.018%
19	5.976	484	493	516	PV	463176	7893902	19.33%	3.497%
20	6.123	516	518	527	VV 7	2669	56898	0.14%	0.025%
21	7.733	788	792	805	VV 4	5704	144430	0.35%	0.064%
22	8.755	960	966	970	PV 4	2583	50341	0.12%	0.022%
23	9.307	1055	1060	1067	VV 5	2137	52391	0.13%	0.023%
24	9.601	1107	1110	1118	VV 6	2720	61498	0.15%	0.027%
25	9.695	1118	1126	1131	VV 7	3068	99217	0.24%	0.044%
26	9.942	1158	1168	1188	PV	1544822	28025992	68.63%	12.414%
27	10.071	1188	1190	1198	VV 4	1920	34939	0.09%	0.015%
28	10.130	1198	1200	1207	VV 5	2002	28132	0.07%	0.012%
29	10.200	1207	1212	1217	VV 3	3530	53472	0.13%	0.024%
30	10.265	1217	1223	1232	VV 6	5491	132718	0.33%	0.059%
31	10.383	1235	1243	1249	PV 8	1834	38813	0.10%	0.017%
32	12.039	1517	1525	1530	VV 5	2524	54706	0.13%	0.024%
33	13.432	1752	1762	1783	VV	1992068	37701413	92.33%	16.700%
34	13.585	1783	1788	1794	VV 2	6970	131509	0.32%	0.058%
35	15.488	2104	2112	2119	PV 4	2023	52800	0.13%	0.023%
36	15.700	2144	2148	2157	PV 5	2588	45307	0.11%	0.020%
37	16.746	2322	2326	2335	PV 4	3984	92575	0.23%	0.041%

38	18.238	2576	2580	2585	VV	5	2417	34829	0.09%	0.015%
39	18.573	2625	2637	2660	VV		2053383	40835008	100.00%	18.088%
40	18.732	2660	2664	2675	VV	2	1716	50494	0.12%	0.022%
41	18.967	2700	2704	2719	PV	3	1668	29307	0.07%	0.013%
42	20.136	2896	2903	2913	PV	4	2103	52132	0.13%	0.023%
43	20.336	2931	2937	2939	PV	5	2301	38270	0.09%	0.017%
44	20.541	2958	2972	2981	VV		301376	5395015	13.21%	2.390%
45	20.688	2989	2997	3009	VV	3	3029	90711	0.22%	0.040%
46	21.764	3171	3180	3185	PV	5	2531	54622	0.13%	0.024%
47	22.580	3312	3319	3325	VV	3	16017	297850	0.73%	0.132%
48	22.956	3372	3383	3403	PV	2	1849511	39560767	96.88%	17.524%
49	23.109	3403	3409	3433	VV		22244	624841	1.53%	0.277%
50	25.101	3741	3748	3752	PV	3	1923	33622	0.08%	0.015%
51	30.812	4705	4720	4760	PV	2	1426038	34000740	83.26%	15.061%
52	31.059	4760	4762	4771	VV	6	3165	105849	0.26%	0.047%
53	31.388	4807	4818	4846	VV	3	29310	1357149	3.32%	0.601%
54	31.558	4846	4847	4850	VV		4258	53158	0.13%	0.024%
55	31.587	4850	4852	4860	VV	3	3507	84144	0.21%	0.037%
56	32.093	4930	4938	4942	VV	2	1750	38442	0.09%	0.017%
57	32.275	4961	4969	4973	VV	3	1823	44916	0.11%	0.020%
58	33.703	5207	5212	5215	VV	2	1697	23166	0.06%	0.010%
59	34.713	5368	5384	5433	VV	2	1023939	26802718	65.64%	11.872%
60	35.025	5433	5437	5441	VV	4	3338	74901	0.18%	0.033%
61	35.060	5441	5443	5445	VV	2	3264	40223	0.10%	0.018%
62	35.395	5498	5500	5502	VV		2640	24502	0.06%	0.011%
63	37.299	5818	5824	5826	VV	3	2267	41182	0.10%	0.018%
64	37.357	5832	5834	5837	VV	2	2434	31969	0.08%	0.014%
65	38.867	6089	6091	6092	PV		1540	9813	0.02%	0.004%

Sum of corrected areas: 225756115

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050102\6407.D
Operator : Mclean
Acquired : 1 May 2002 10:45 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-ext 4/29
Misc Info :
Vial Number: 17
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

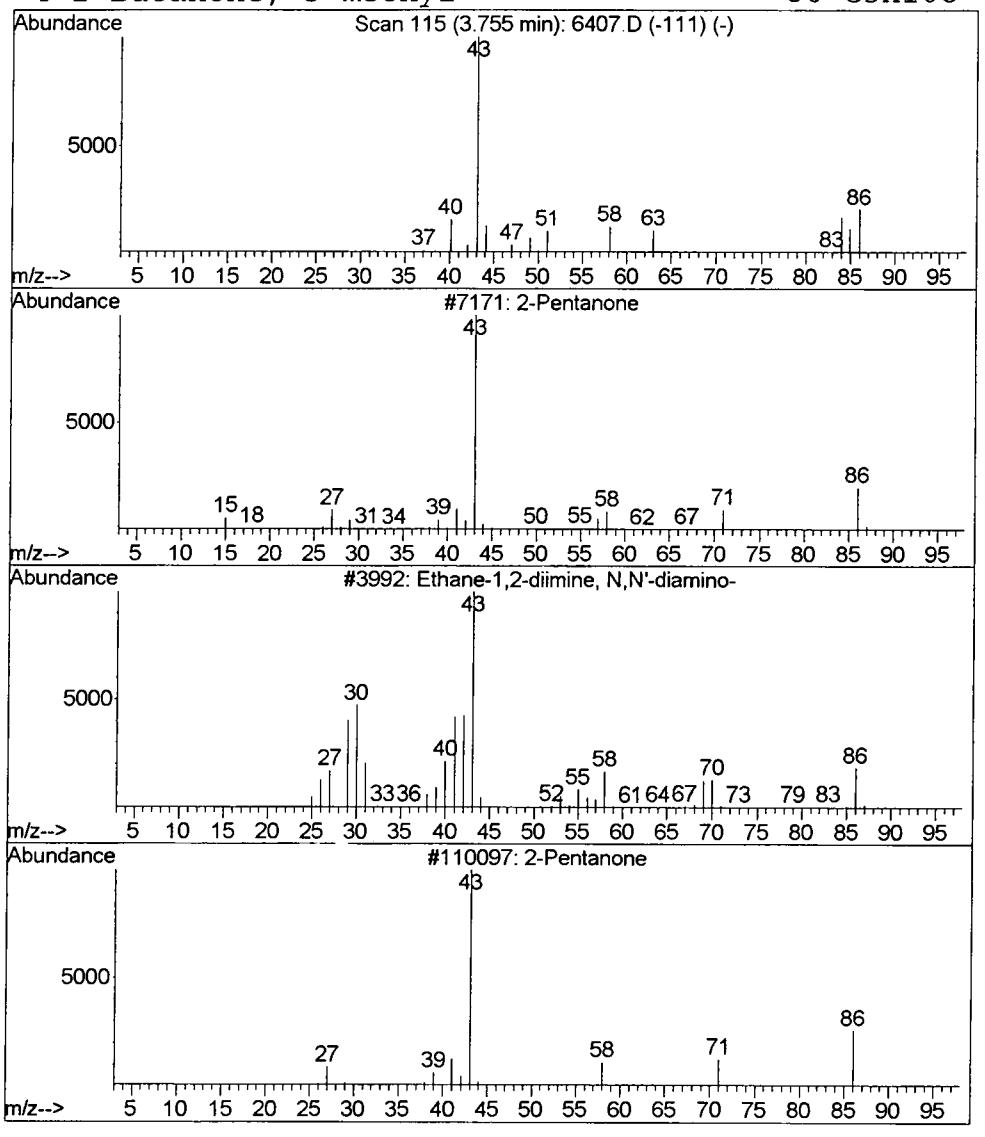
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

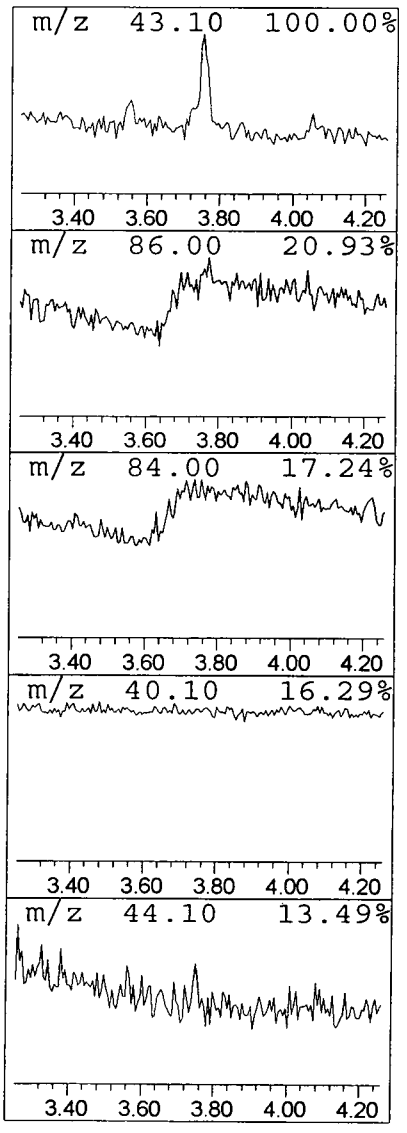
****

Peak Number 1 2-Pentanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.22 ug/L	151297	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	9
2	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	9
3	2-Pentanone	86	C5H10O	000107-87-9	9
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

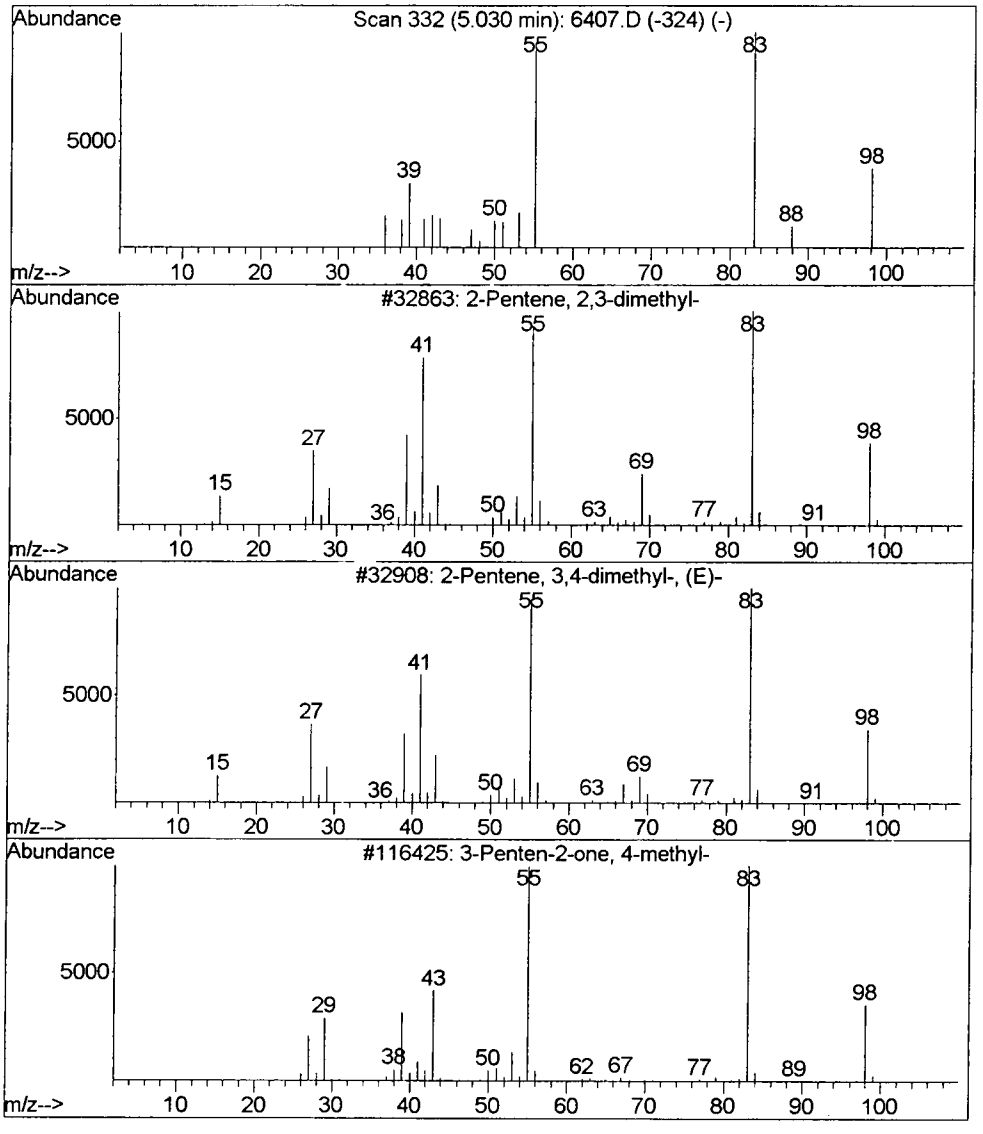
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

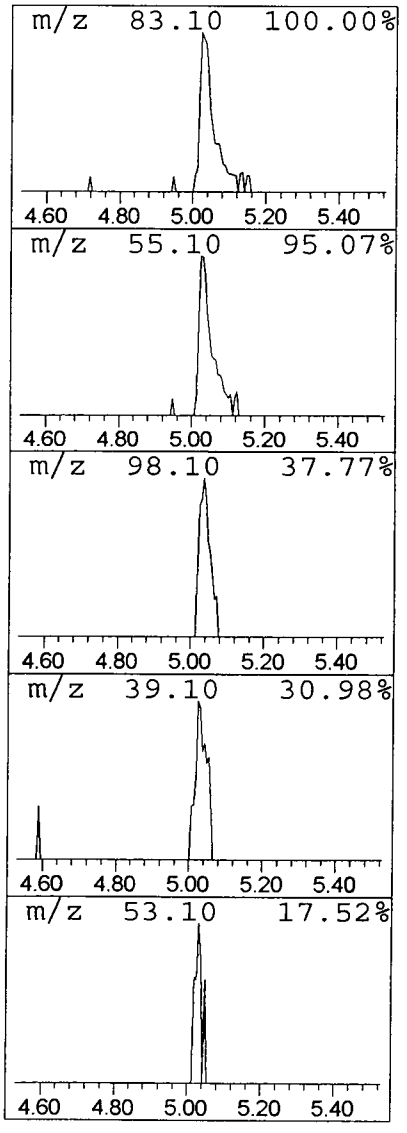
****

Peak Number 2 2-Pentene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.27 ug/L	188737	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	42
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	39
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	38
4	3-Hexen-2-one	98	C6H10O	000763-93-9	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D
Acq On : 1 May 2002 10:45 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 17
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

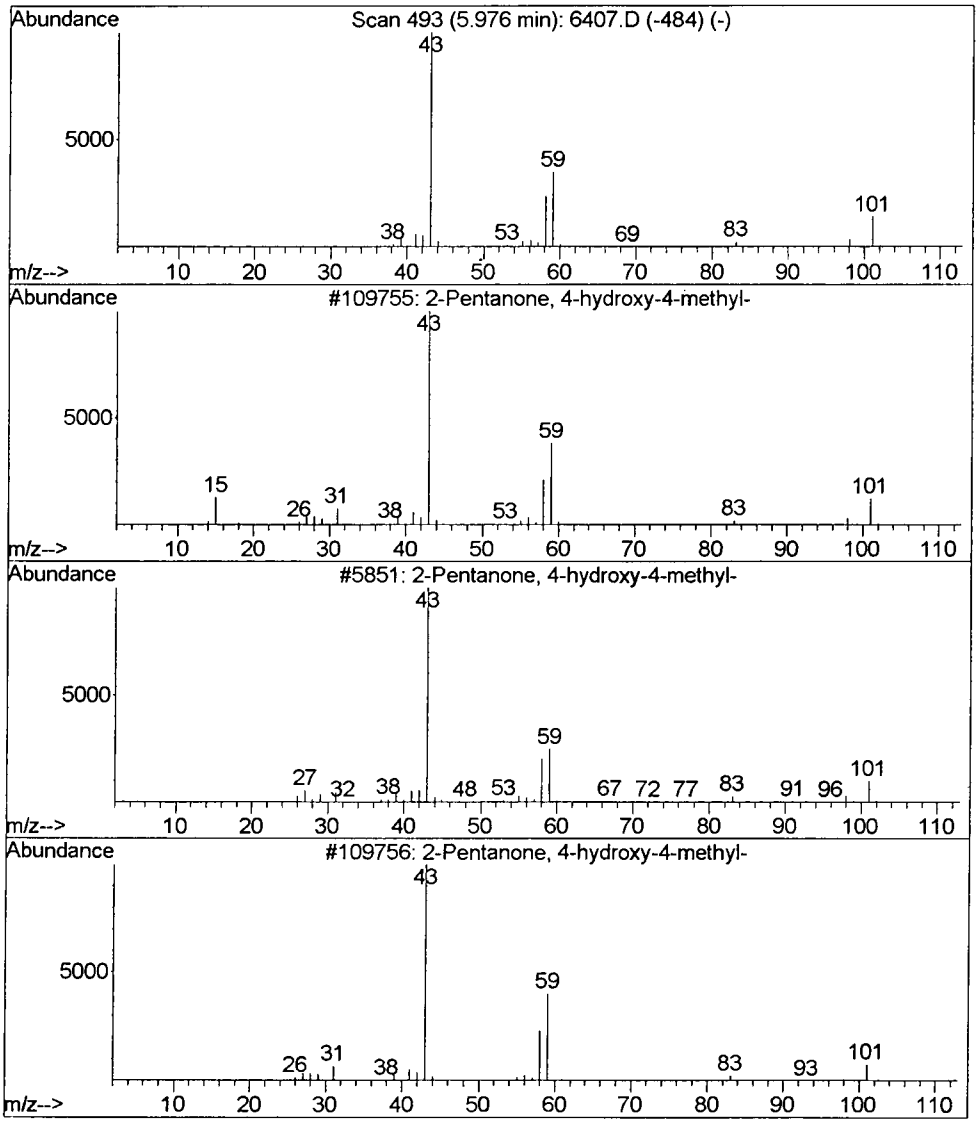
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

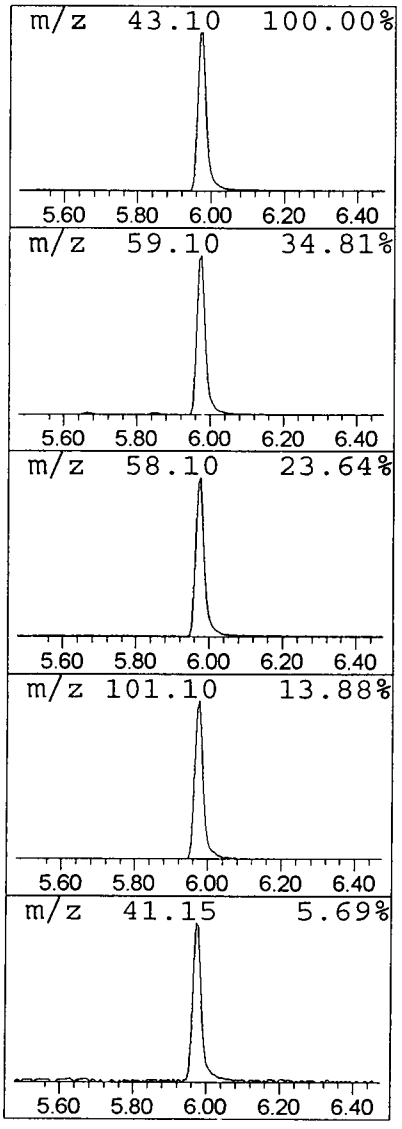
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	11.27 ug/L	7893900	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	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	Acetone	58	C3H6O	000067-64-1	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

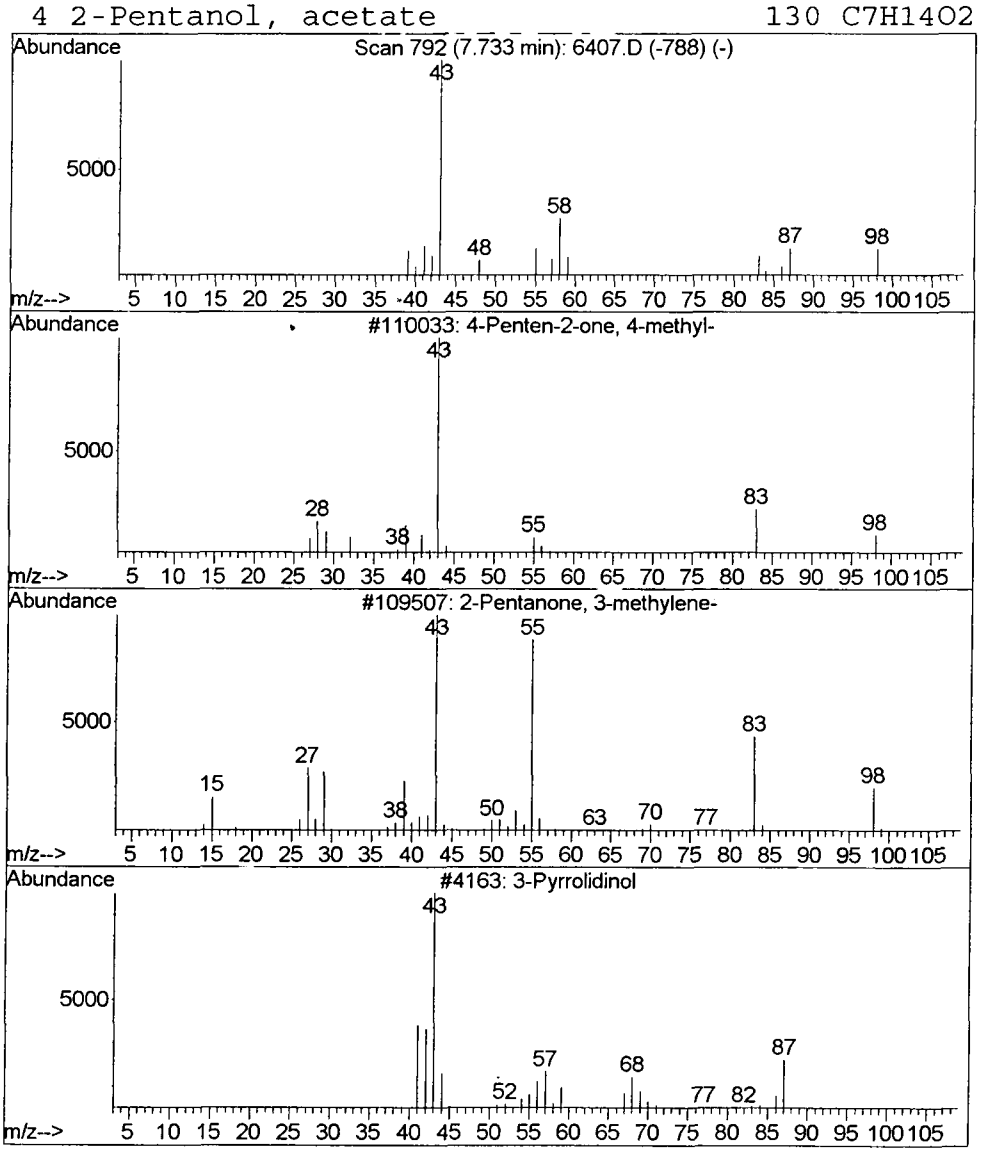
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

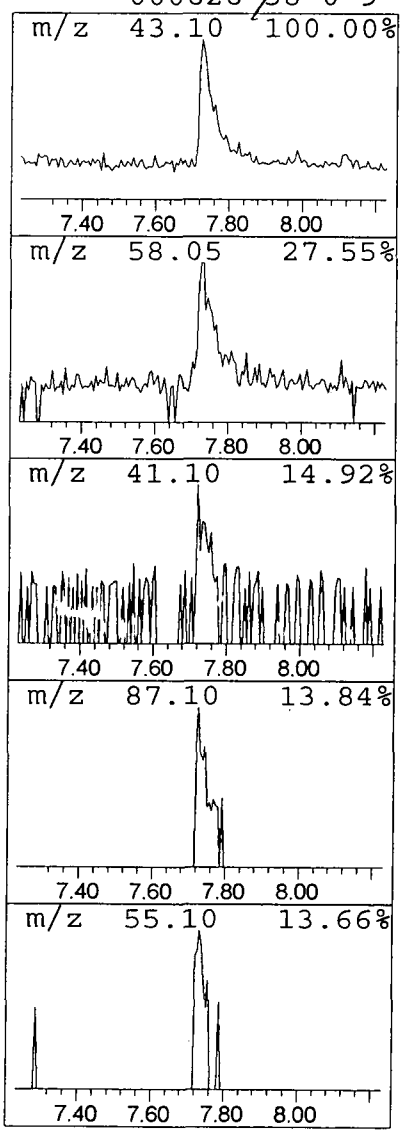
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.21 ug/L	144430	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	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	2-Pentanol, acetate	130	C7H14O2	000626-38-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

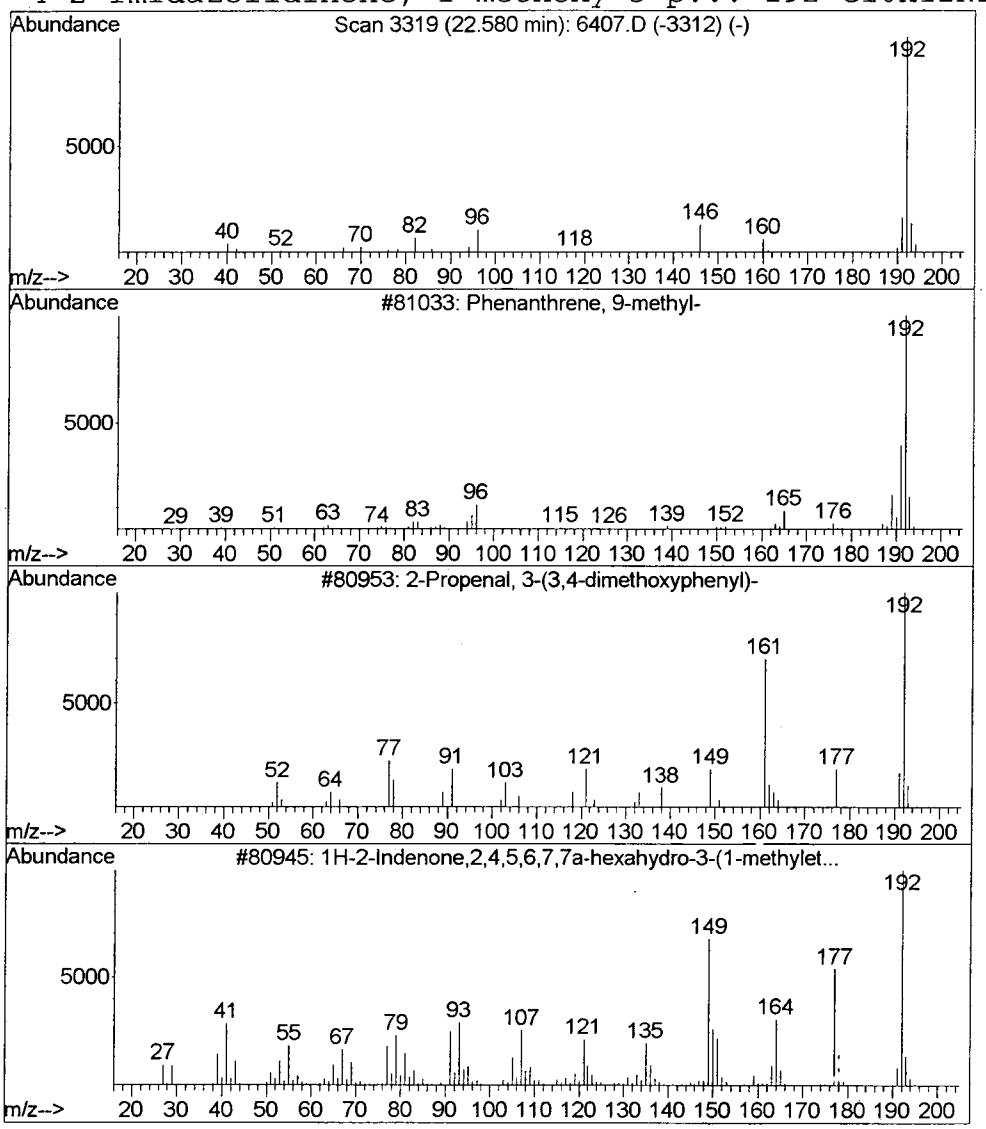
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

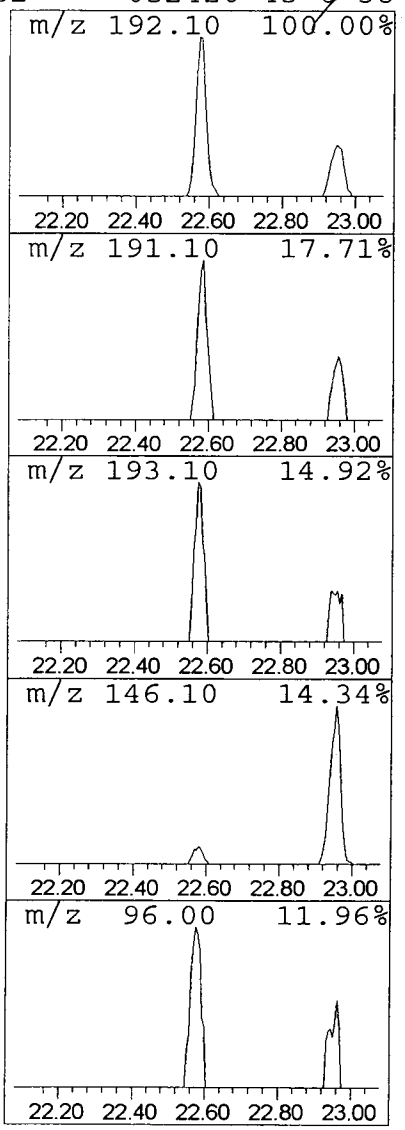
****

Peak Number 5 Phenanthrene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.30 ug/L	297850	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
3	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
4	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6407.D Vial: 17
Acq On : 1 May 2002 10:45 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

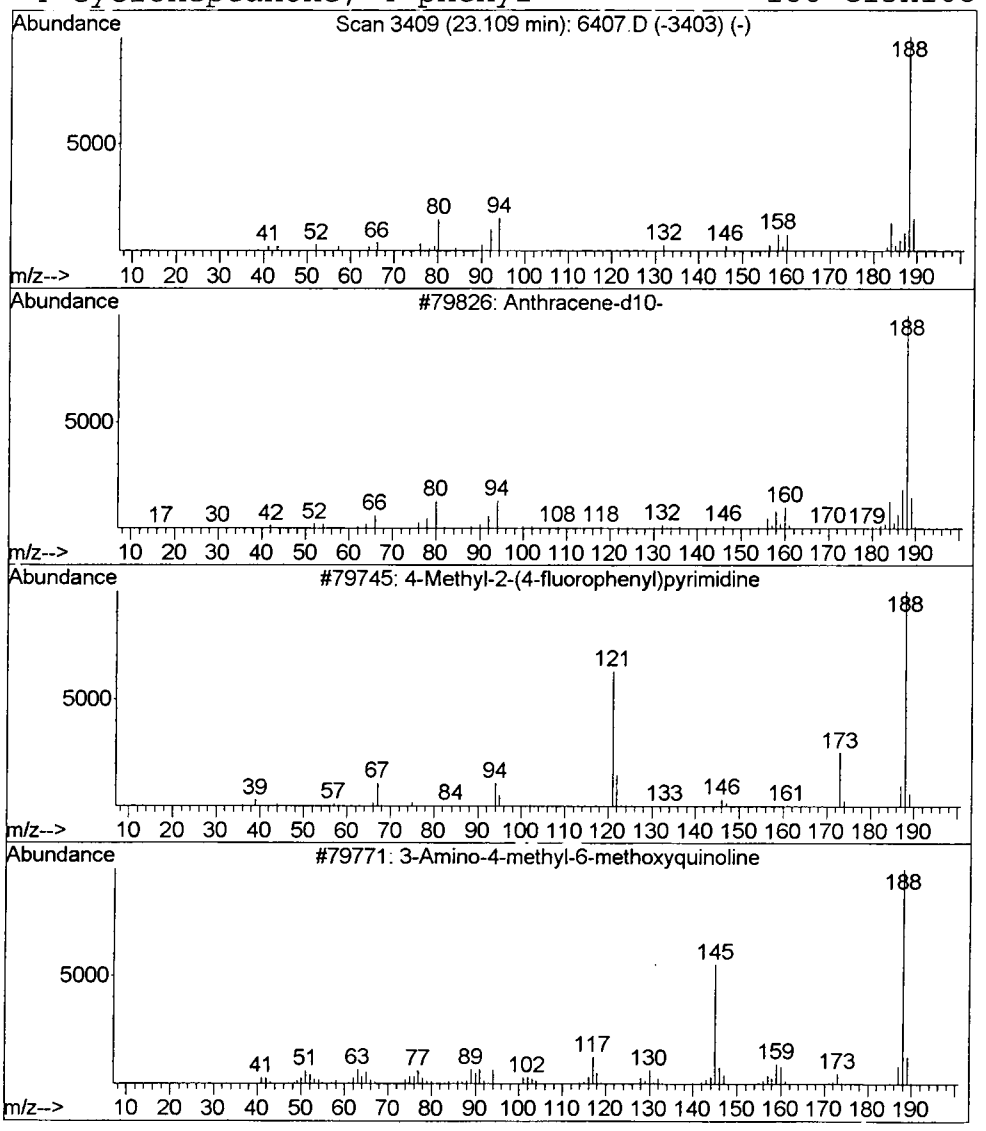
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

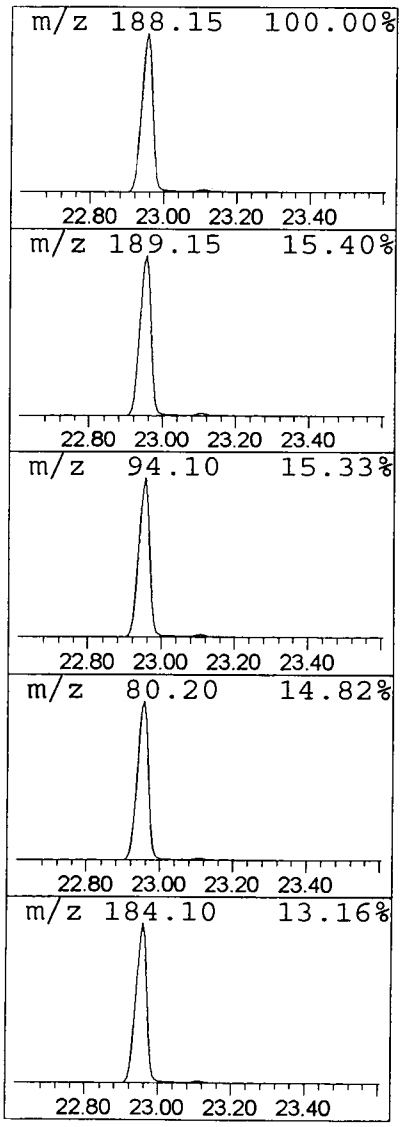
****

Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.63 ug/L	624841	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	40
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	38





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 1 May 2002 10:45 pm
Data File: C:\MSDCHEM\1\DATA\050102\6407.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
2-Pentanone	3.76	0.2	ug/L	151297	1	9.94	28026000	40.0
2-Pentene, 2,3-di...	5.03	0.3	ug/L	188737	1	9.94	28026000	40.0
2-Pentanone, 4-hy...	5.98	11.3	ug/L	7893900	1	9.94	28026000	40.0
4-Penten-2-one, 4...	7.73	0.2	ug/L	144430	1	9.94	28026000	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	297850	4	22.96	39560800	40.0
Anthracene-d10-	23.11	0.6	ug/L	624841	4	22.96	39560800	40.0