User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 13:54:41

Sample: AE08426
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 13:54 Ended: 5/6/02 13:54 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE08426 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 13:55:06

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 22 15:55:08 2002 Quant Results File: SCAN020418.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

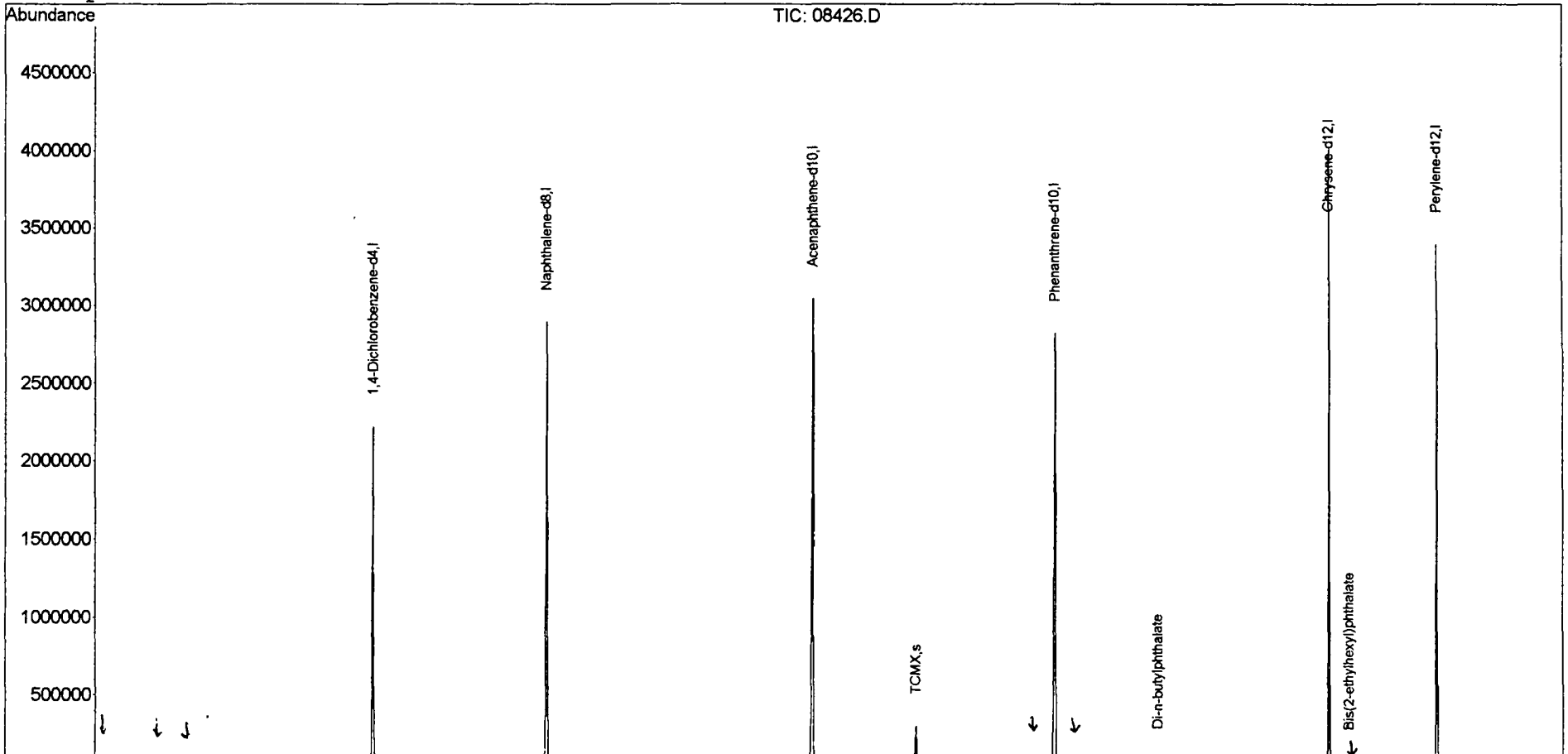
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	10854114	40.00	ug/l	-0.05
10) Naphthalene-d8	16.54	136	41880466	40.00	ug/l	-0.07
17) Acenaphthene-d10	24.46	164	23136992	40.00	ug/l	-0.06
30) Phenanthrene-d10	31.72	188	34787993	40.00	ug/l	-0.06
38) Chrysene-d12	39.93	240	27064087	40.00	ug/l	-0.08
44) Perylene-d12	43.16	264	19886440	40.00	ug/l	-0.04
System Monitoring Compounds						
27) TCMX	27.54	207	800585	5.57	ug/l	-0.08
Spiked Amount ~~10.000~~ 8.0			Recovery =	~~55.70%~~ 69.6		
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	172111	0.14	ug/l	97
43) Bis(2-ethylhexyl)phthalate	40.52	149	50168	0.07	ug/l	77

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 22 15:56 2002 Quant Results File: SCAN020418.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Mon Apr 22 08:00:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0.01 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

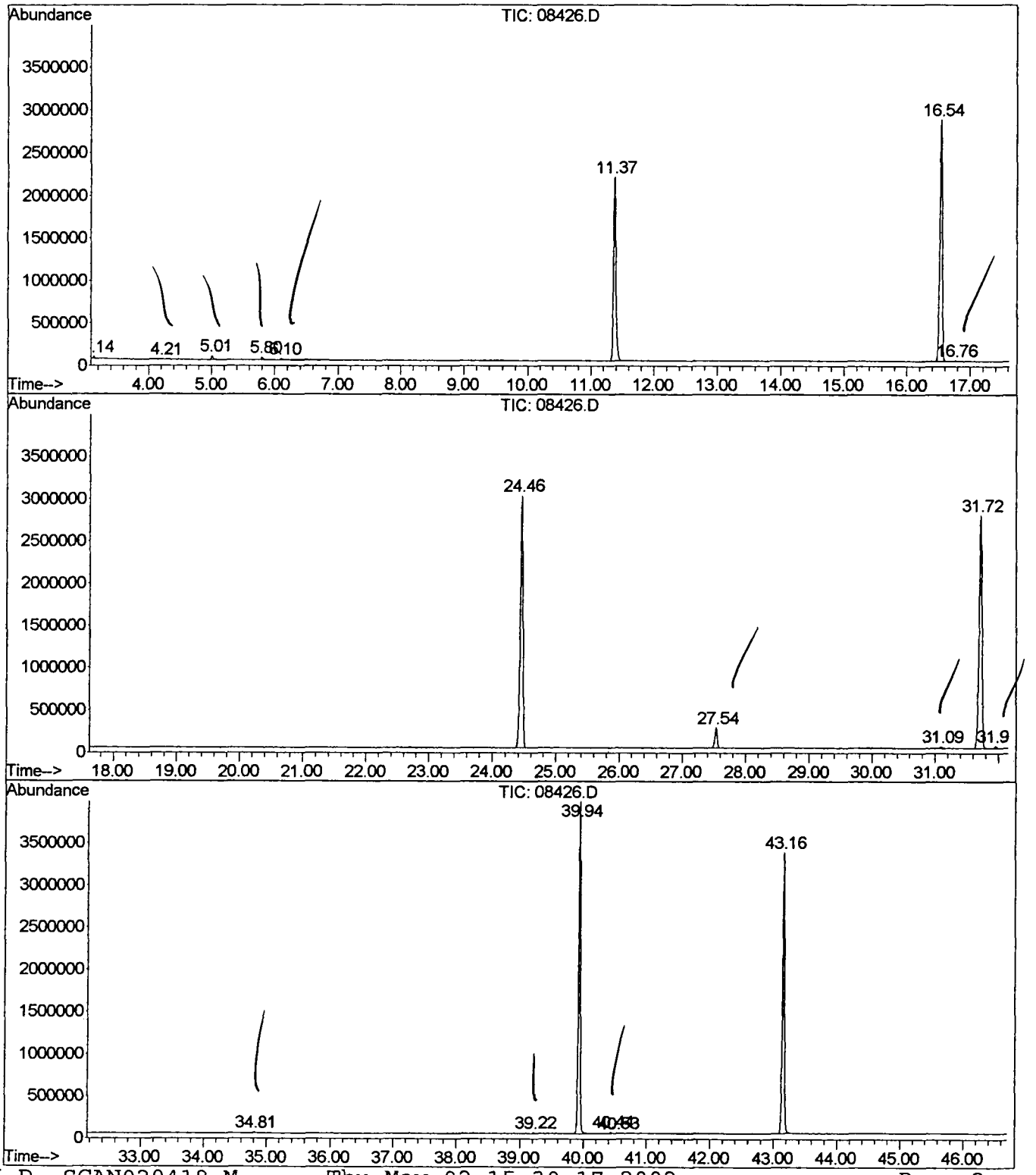
Signal : TIC

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	17	BV	24268	296069	0.34%	0.064%
2	4.213	189	193	199	PV	6699	125784	0.14%	0.027%
3	5.012	319	329	351	PV	45309	956489	1.10%	0.205%
4	5.799	457	463	475	PV	33502	688522	0.79%	0.148%
5	6.105	508	515	523	PV	16752	262979	0.30%	0.056%
6	11.375	1397	1412	1438	PV	2162244	55145196	63.41%	11.845%
7	16.534	2275	2290	2307	PV	2802088	76458850	87.92%	16.423%
8	16.763	2327	2329	2337	VV	7017	124575	0.14%	0.027%
9	24.460	3622	3639	3652	PV	2978344	86955458	99.99%	18.678%
10	27.539	4145	4163	4177	PV	239982	6804725	7.82%	1.462%
11	31.094	4760	4768	4777	VV	20257	592393	0.68%	0.127%
12	31.717	4852	4874	4892	VV	2756445	86965776	100.00%	18.680%
13	31.958	4905	4915	4923	VV	24980	692316	0.80%	0.149%
14	34.807	5391	5400	5406	PV	14224	301643	0.35%	0.065%
15	39.226	6144	6152	6159	VV	12841	251304	0.29%	0.054%
16	39.937	6259	6273	6293	PV	4011640	79364365	91.26%	17.047%
17	40.436	6354	6358	6368	VV	20744	400267	0.46%	0.086%
18	40.530	6368	6374	6381	PV	7449	176641	0.20%	0.038%
19	43.156	6807	6821	6839	PV	3264978	68990460	79.33%	14.819%

Sum of corrected areas: 465553811

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020419\08426.D
Operator : Nefliu
Acquired : 19 Apr 2002 7:57 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 13
Quant File :SCAN020418.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

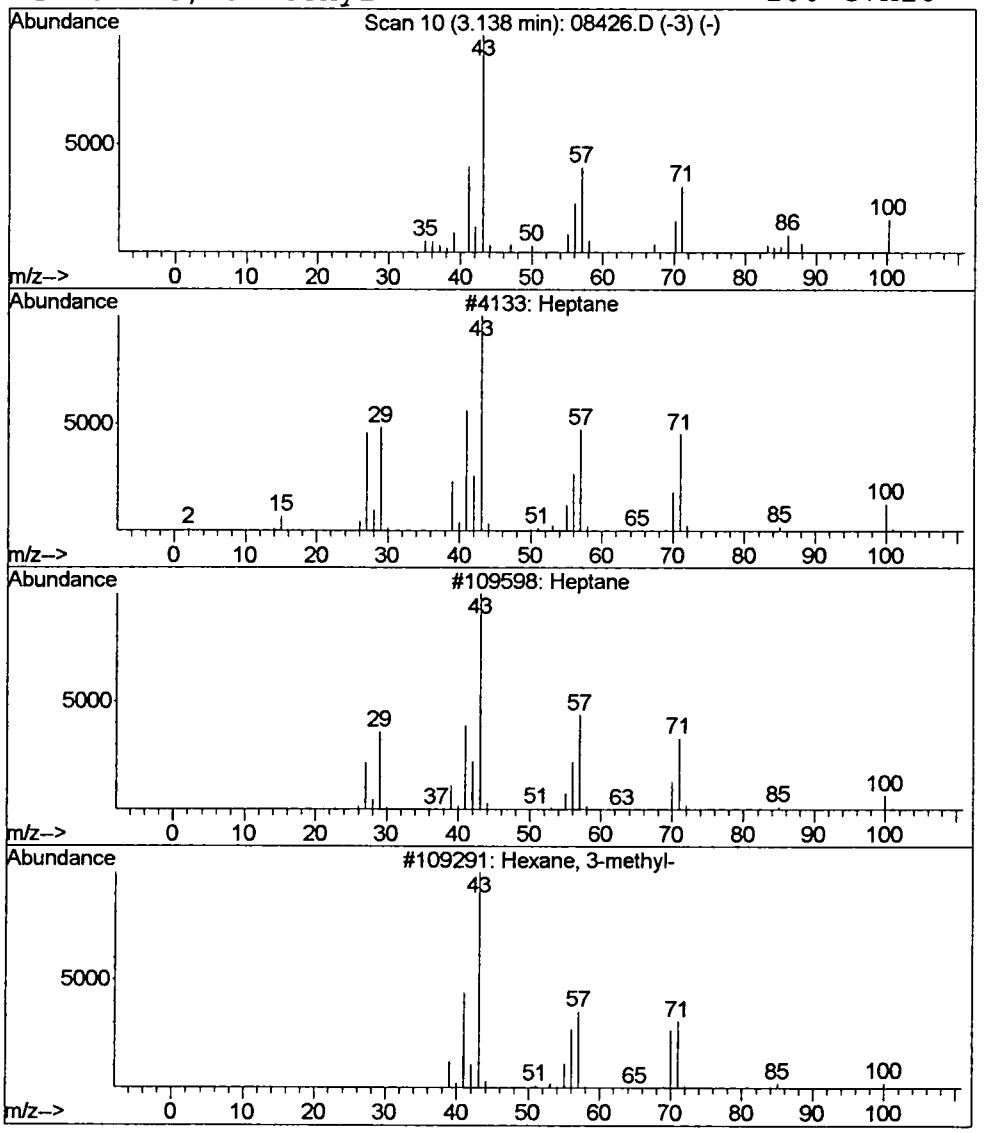
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

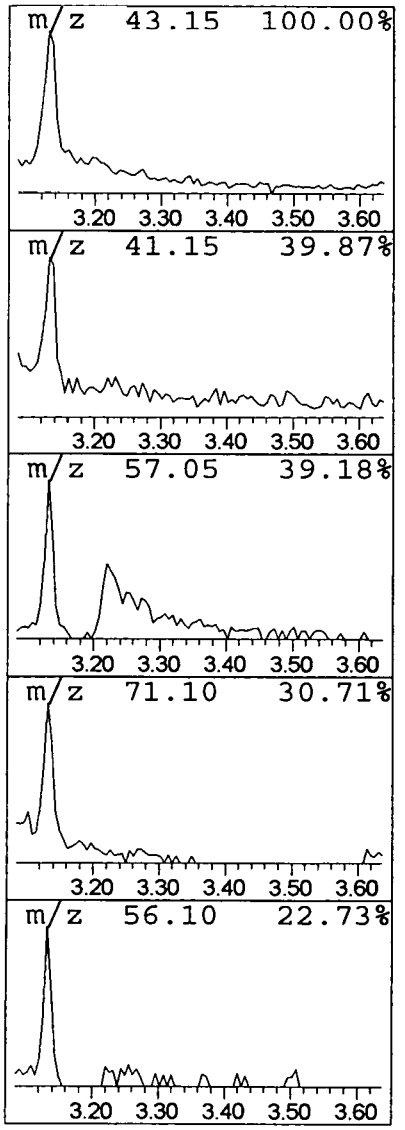
****

Peak Number 1 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	0.21 ug/l	296069	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	47
2	Heptane	100	C7H16	000142-82-5	45
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

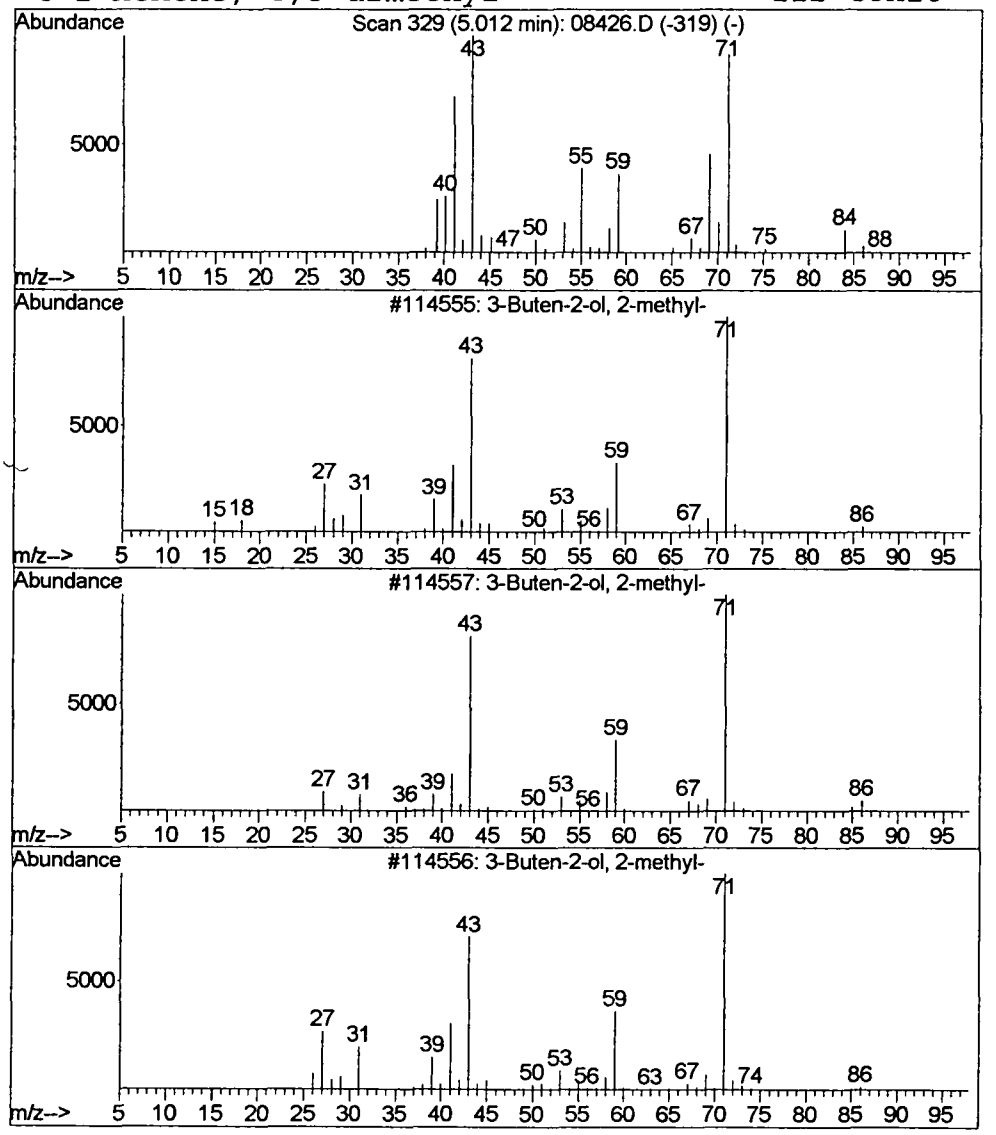
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

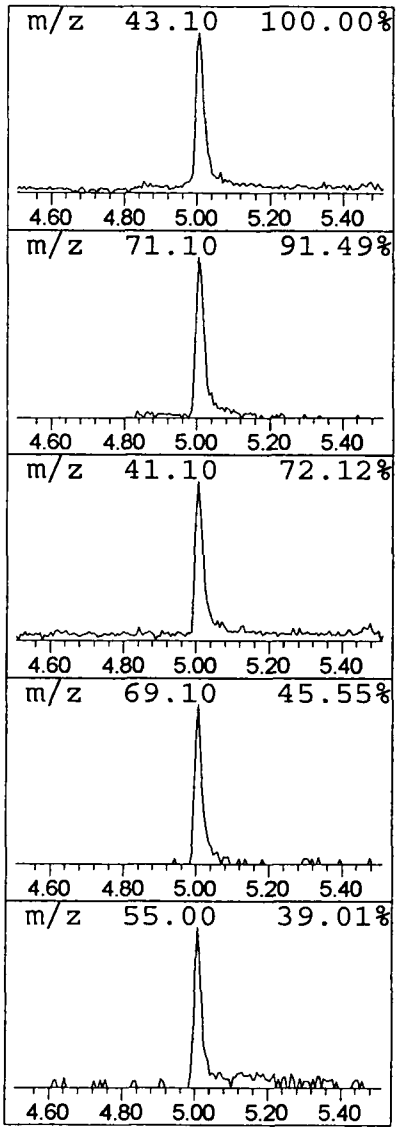
****

Peak Number 2 3-Buten-2-ol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.69 ug/l	956489	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	81
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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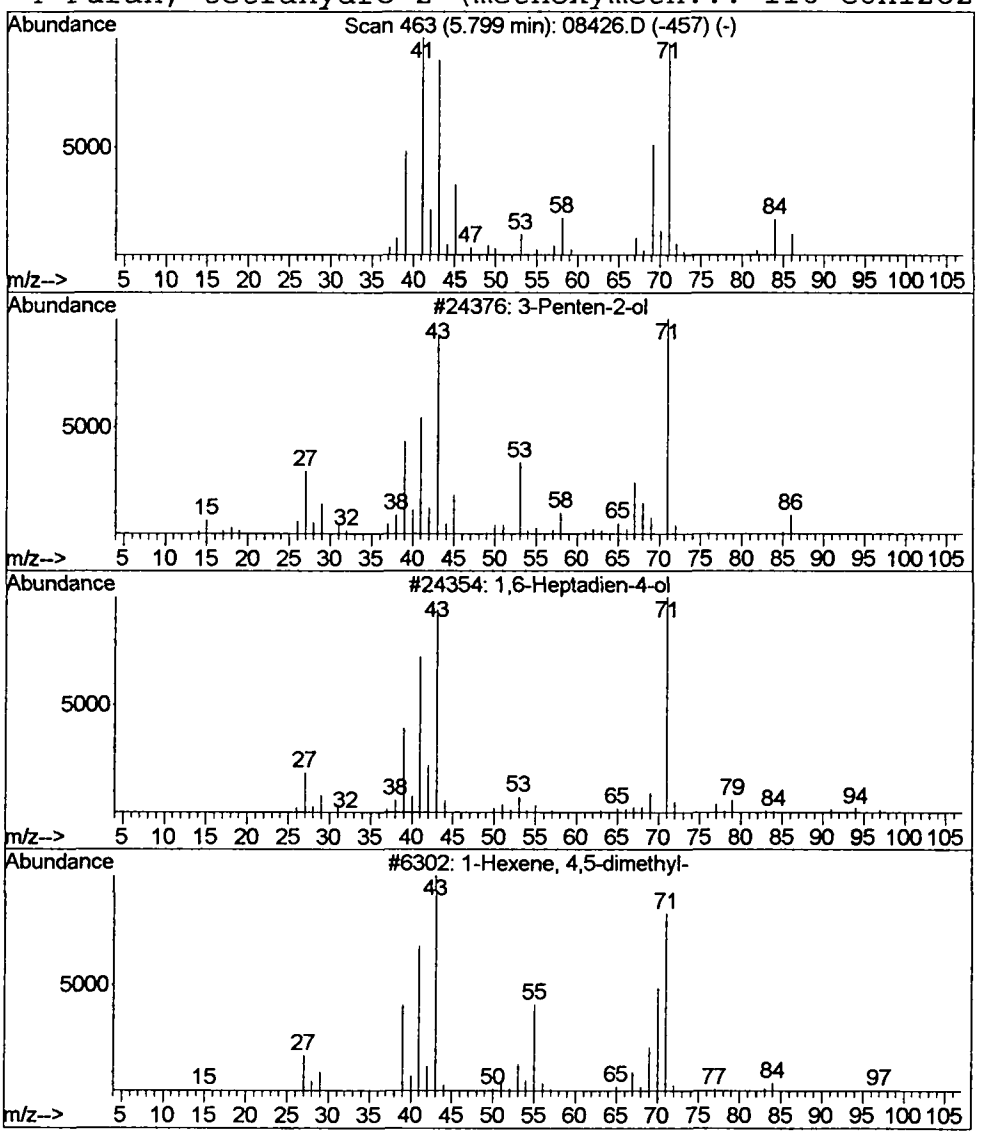
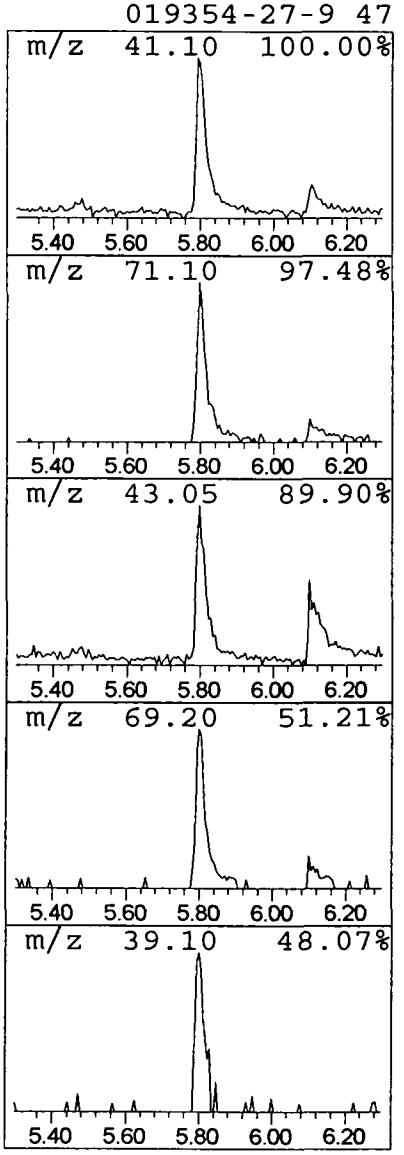
Peak Number 3 3-Penten-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	0.50 ug/l	688522	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	59
2	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	53
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50
4	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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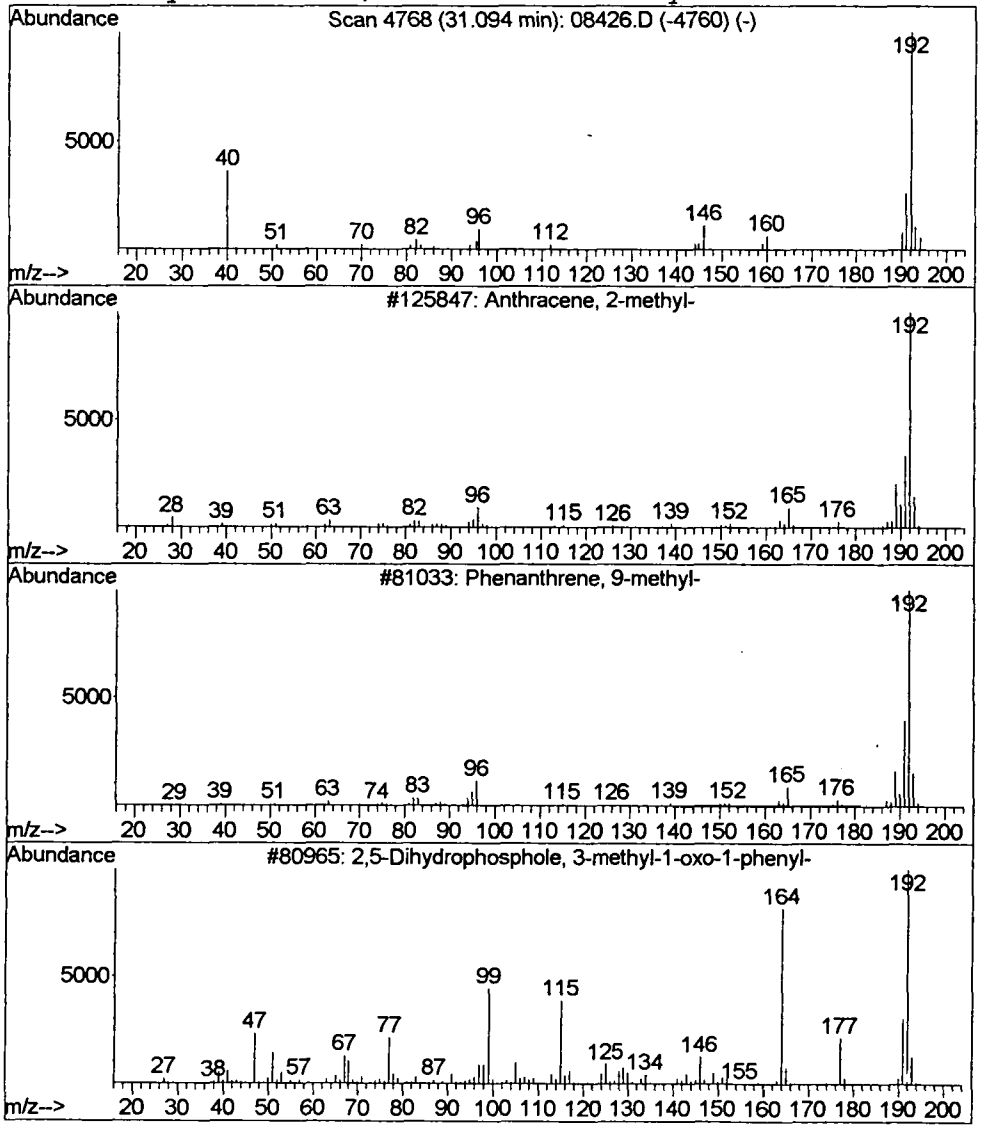
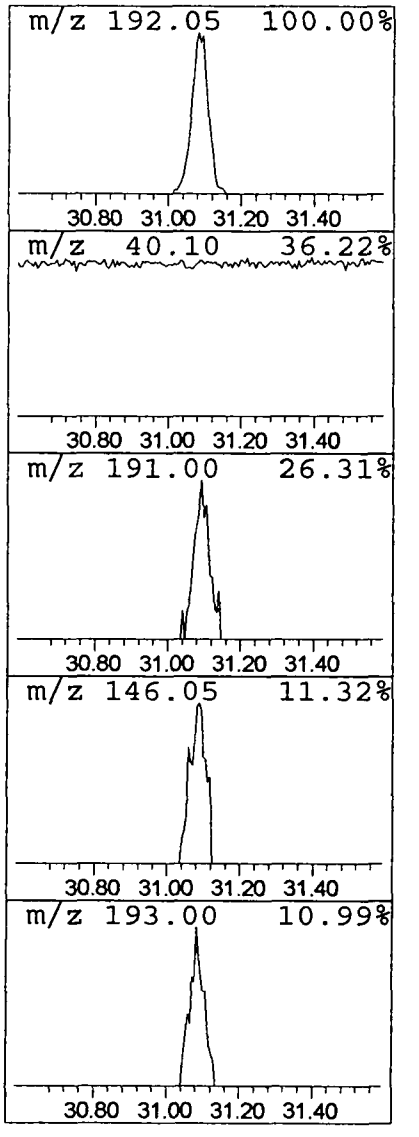
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.27 ug/l	592393	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72
3	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	59
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

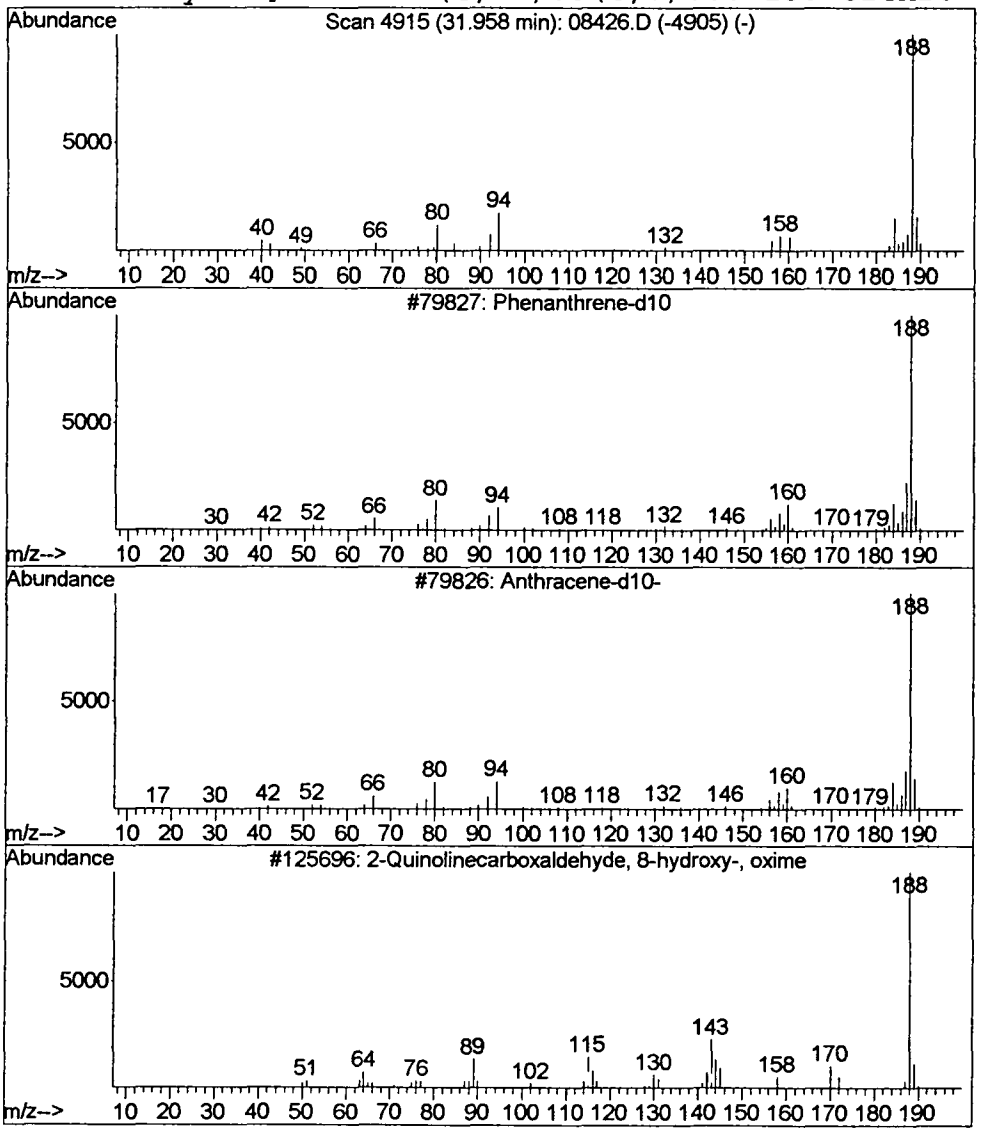
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

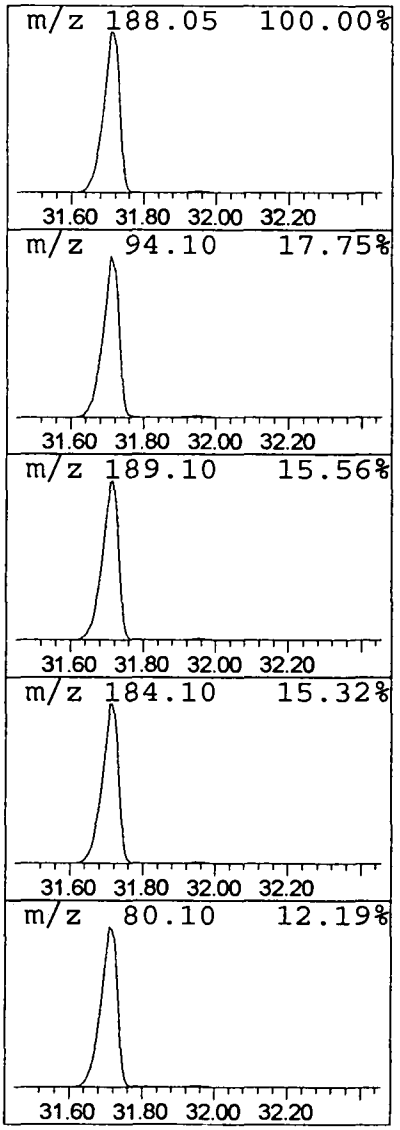
****

Peak Number 5 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.32 ug/l	692316	Phenanthrene-d10	31.72

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	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020419\08426.D Vial: 13
Acq On : 19 Apr 2002 7:57 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

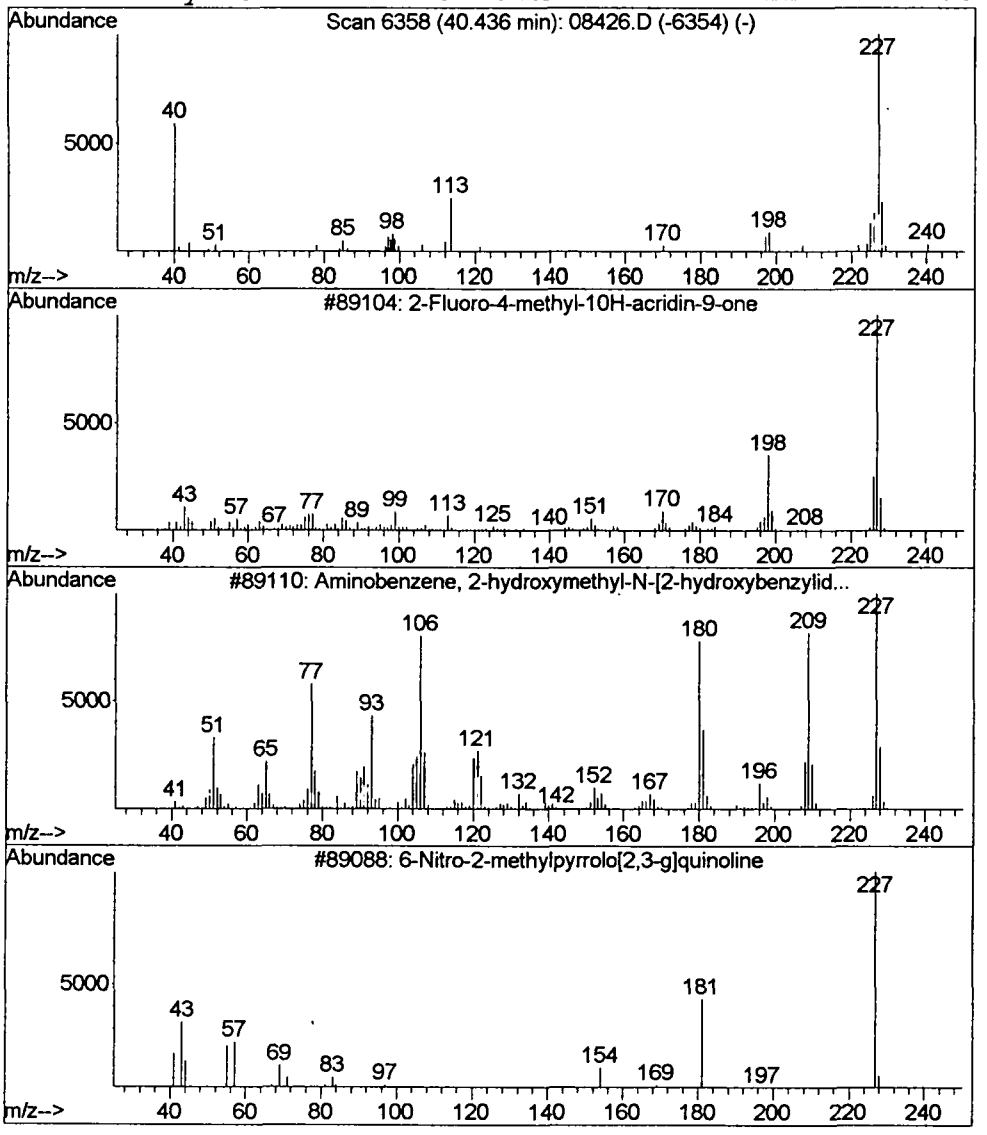
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

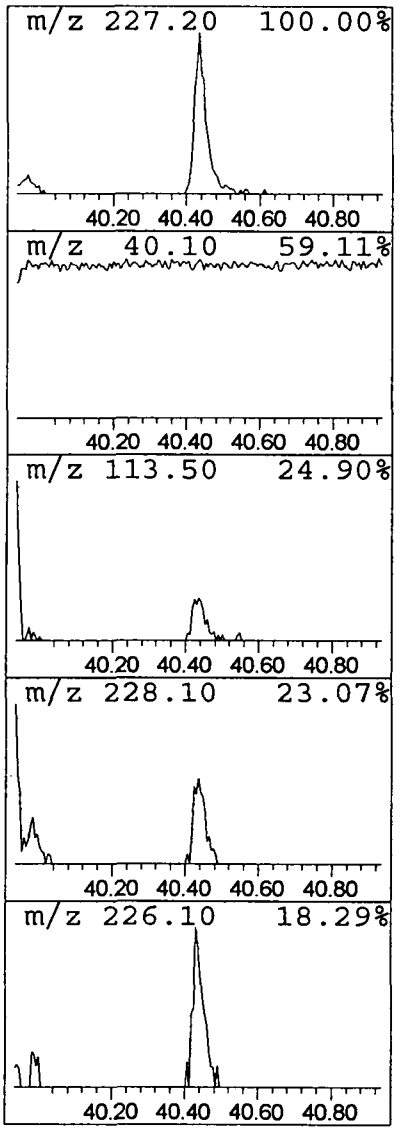
****

Peak Number 6 2-Fluoro-4-methyl-10H-acrid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.44	0.20 ug/l	400267	Chrysene-d12	39.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-4-methyl-10H-acridin-9-one	227	C14H10FNO	1000210-25-9	25
2	Aminobenzene, 2-hydroxymethyl-N-...	227	C14H13NO2	1000128-77-9	9
3	6-Nitro-2-methylpyrrolo[2,3-g]qu...	227	C12H9N3O2	1000071-35-1	9
4	2-Methyl-9-chloro-acridine	227	C14H10ClN	1000147-94-7	9





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 19 Apr 2002 7:57 pm
Data File: C:\MSDCHEM\1\DATA\020419\08426.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020418.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
✓ Heptane	3.14	0.2	ug/l	296069	1	11.38	55145200	40.0
✓ 3-Buten-2-ol, 2-m...	5.01	0.7	ug/l	956489	1	11.38	55145200	40.0
3-Penten-2-ol	5.80	0.5	ug/l	688522	1	11.38	55145200	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	592393	4	31.72	86965800	40.0
✓ Phenanthrene-d10	31.95	0.3	ug/l	692316	4	31.72	86965800	40.0
~~2-Fluoro-4-methyl~~...	40.44	0.2	ug/l	400267	5	39.93	79364400	40.0