User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 11:00:30

Sample: AE08959
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 11:00 Ended: 5/7/02 11:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE08959 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 11:00:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveyr for 1 of the 43 compounds in the LCS Standard was low.

Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 09:43:24 2002 Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 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	10000544	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	38776171	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	21481695	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	31954868	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	25145446	40.00	ug/l	-0.04
44) Perylene-d12	43.16	264	16425045	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	1045912	8.65	ug/l	-0.03
Spiked Amount 10.000			Recovery = 86.50%			

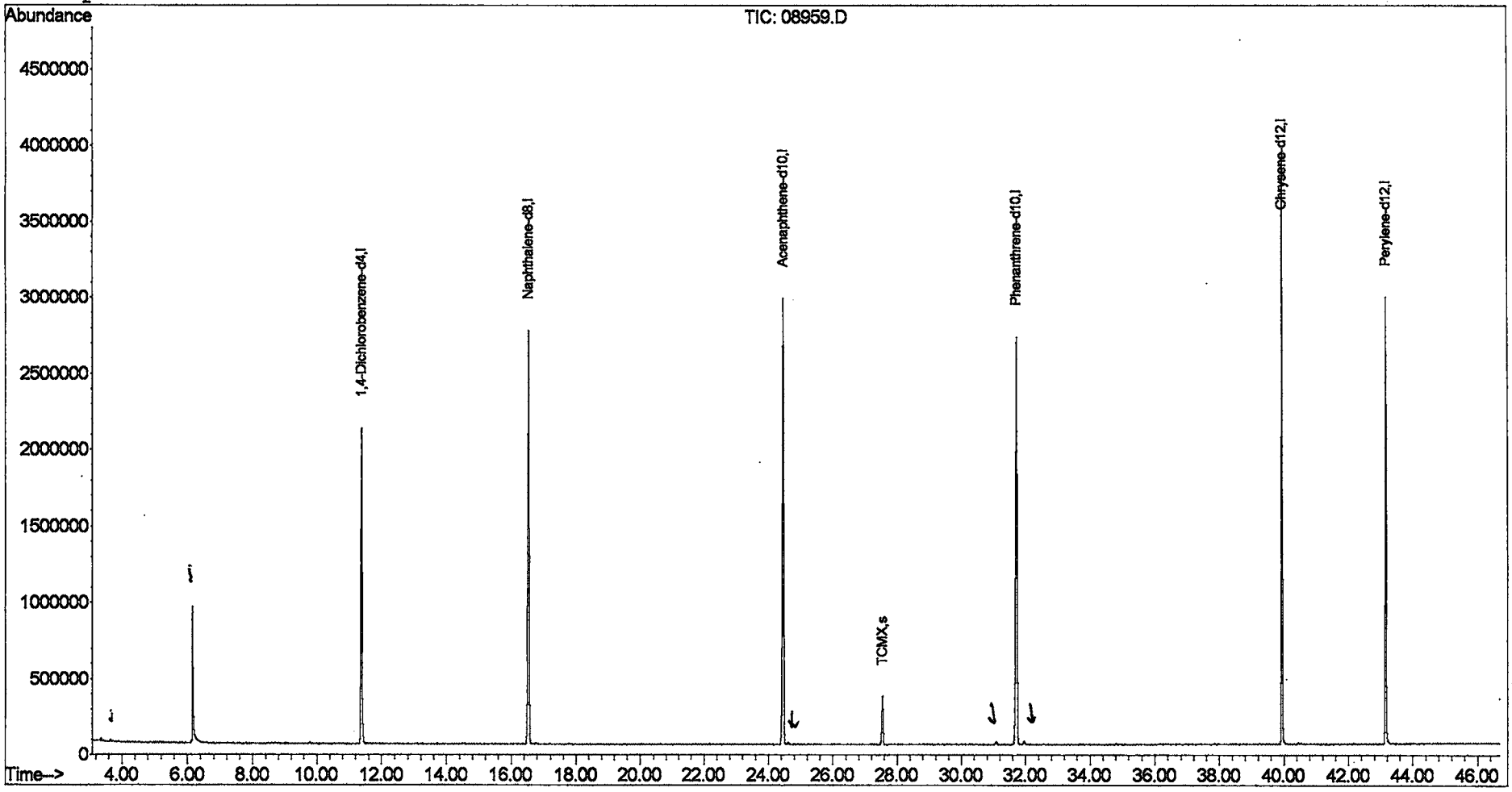
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 9:48 2002 Quant Results File: SCAN020424.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

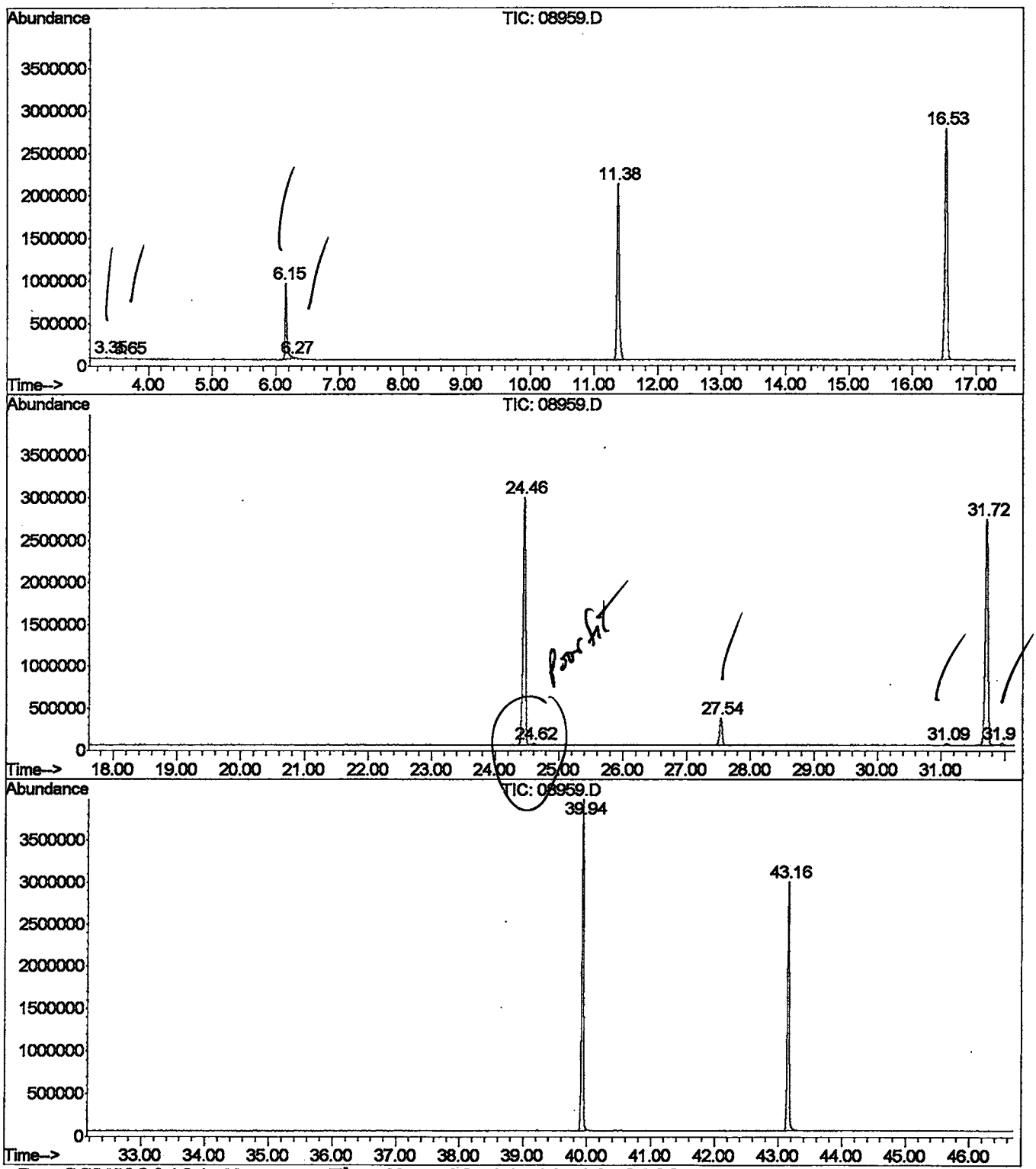
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.350	43	46	50	VV	4 18709	211857	0.26%	0.048%
2	3.649	93	97	107	VV	3 15655	277584	0.34%	0.063%
3	6.152	512	523	543	PV	875383	15994650	19.73%	3.627%
4	6.276	543	544	550	VB	5 12239	168464	0.21%	0.038%
5	11.376	1399	1412	1432	PV	2072966	51575157	63.61%	11.697%
6	16.534	2267	2290	2307	PV	2708468	71502674	88.19%	16.216%
7	24.461	3617	3639	3652	PV	2898058	81078578	100.00%	18.388%
8	24.619	3657	3666	3675	VV	4 16158	446260	0.55%	0.101%
9	27.539	4150	4163	4174	PV	2 319552	8977359	11.07%	2.036%
10	31.088	4759	4767	4777	VV	3 19731	629292	0.78%	0.143%
11	31.717	4854	4874	4893	VV	2 2684793	79838964	98.47%	18.106%
12	31.958	4908	4915	4924	VV	2 21055	554943	0.68%	0.126%
13	39.937	6262	6273	6287	PV	3943099	72872837	89.88%	16.527%
14	43.157	6805	6821	6841	PV	2958465	56815065	70.07%	12.885%

Sum of corrected areas: 440943685

File : C:\MSDCHEM\1\DATA\020424\08959.D
Operator : Nefliu
Acquired : 24 Apr 2002 6:43 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 10
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

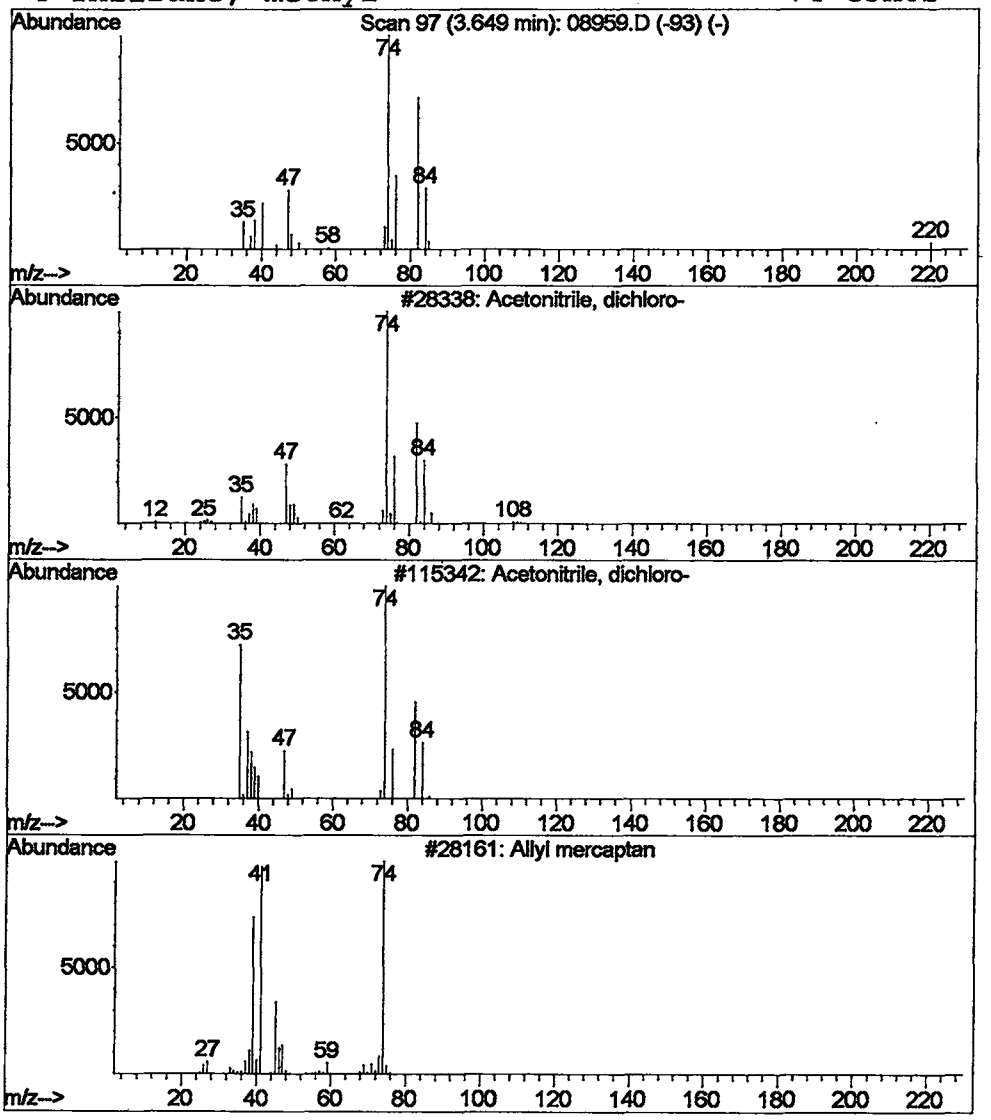
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

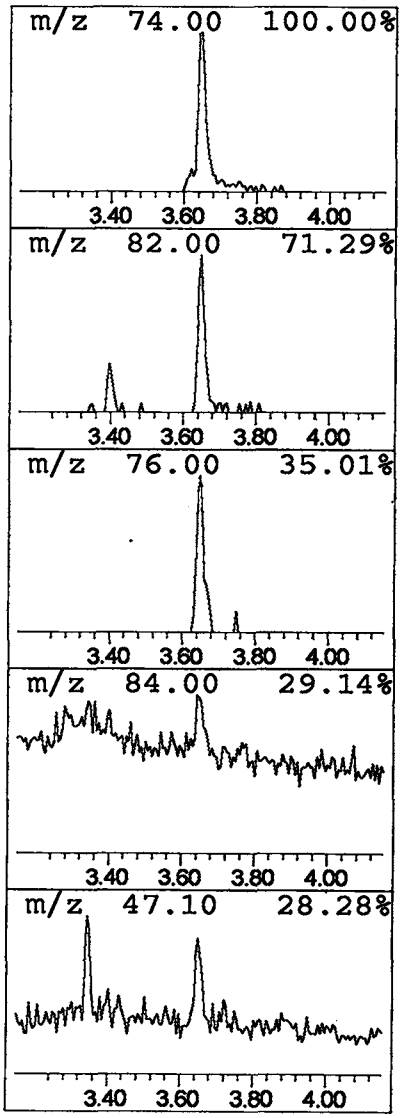
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.22 ug/l	277584	1,4-Dichlorobenzene-d4	11.38

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	39
3	Allyl mercaptan	74	C3H6S	000870-23-5	25
4	Thiirane, methyl-	74	C3H6S	001072-43-1	9





Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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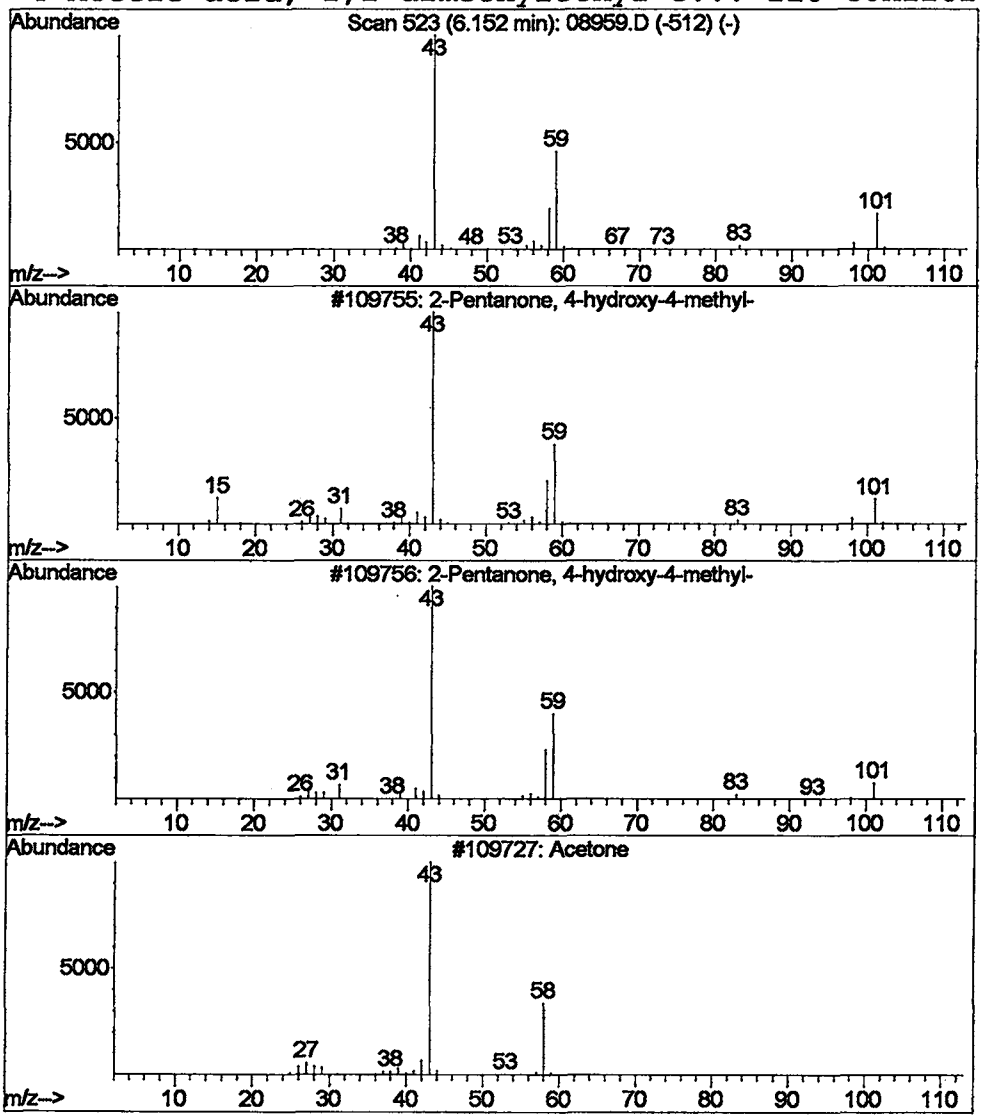
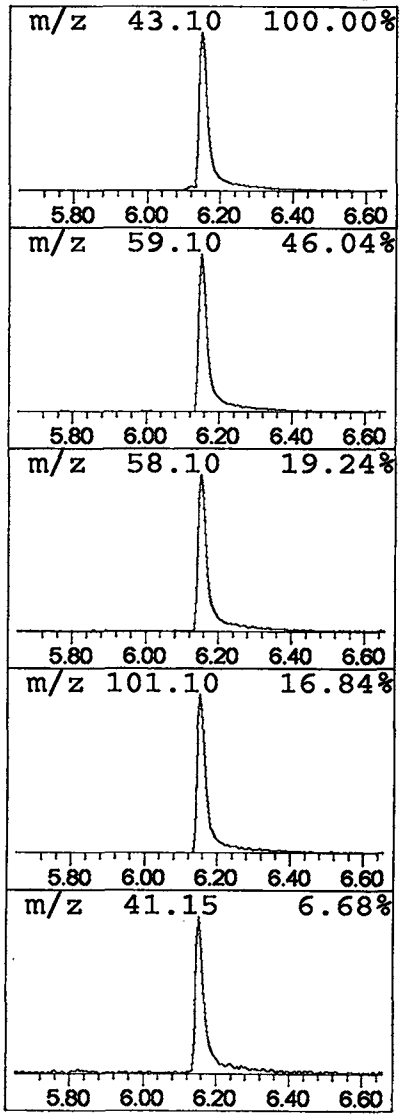
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.40 ug/l	15994700	1,4-Dichlorobenzene-d4	11.38

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	56
3	Acetone	58	C3H6O	000067-64-1	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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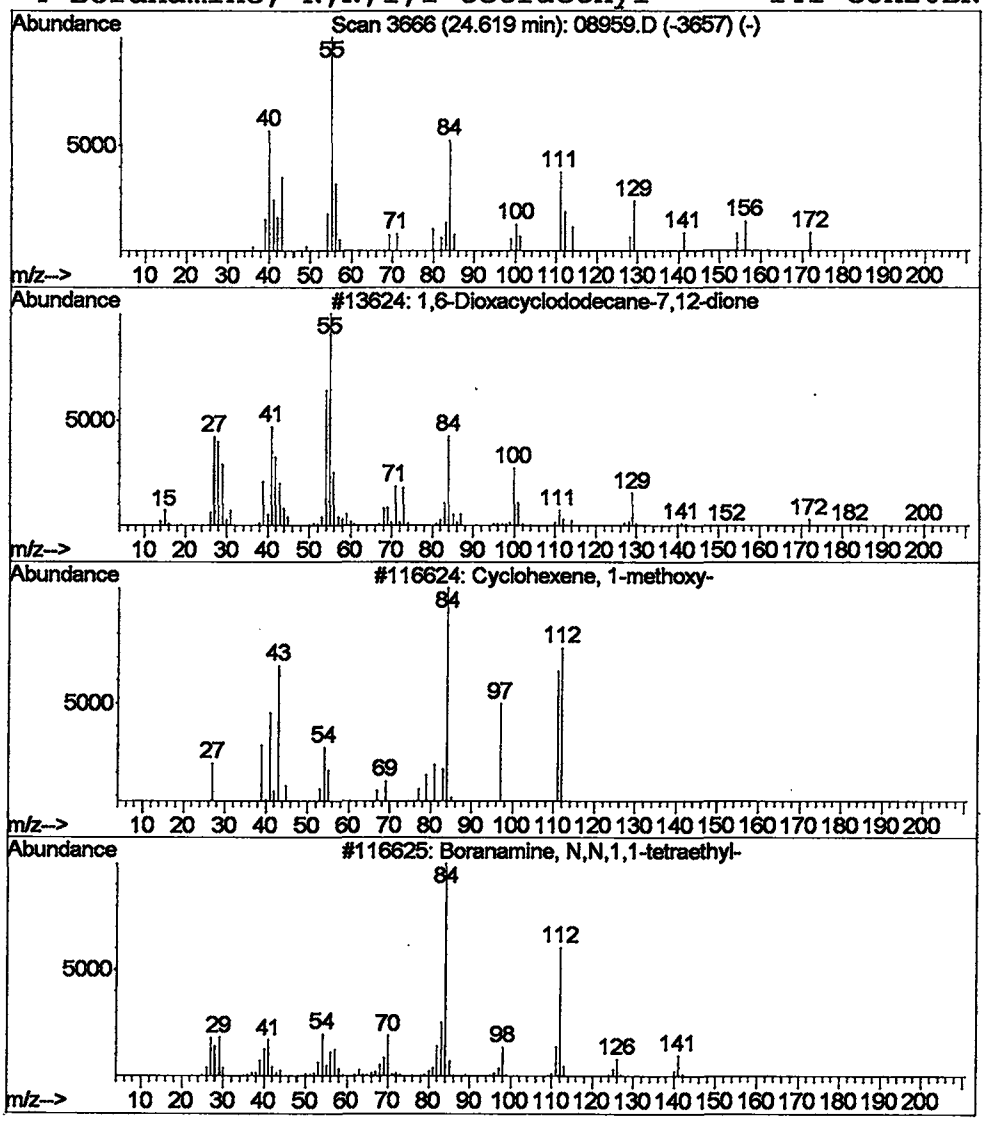
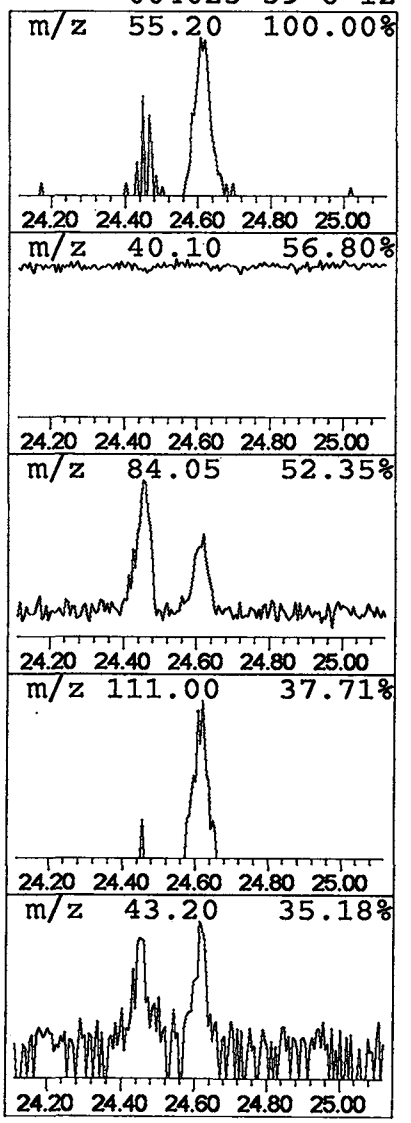
Peak Number 3 1,6-Dioxacyclododecane-7,12... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	0.22 ug/l	446260	Acenaphthene-d10	24.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	17
2	Cyclohexene, 1-methoxy-	112	C7H12O	000931-57-7	12
3	Boranamine, N,N,1,1-tetraethyl-	141	C8H20BN	004023-39-6	12
4	Boranamine, N,N,1,1-tetraethyl-	141	C8H20BN	004023-39-6	12





Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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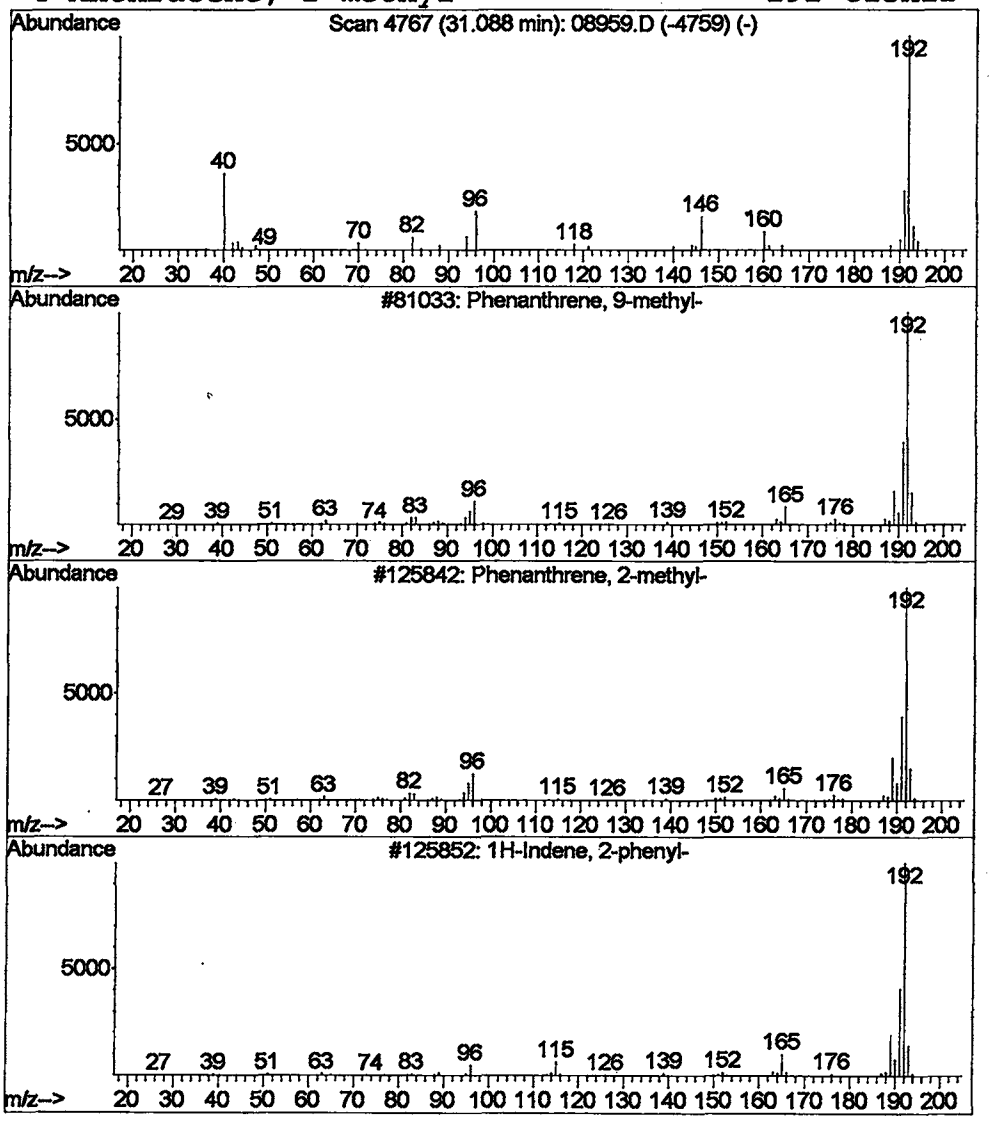
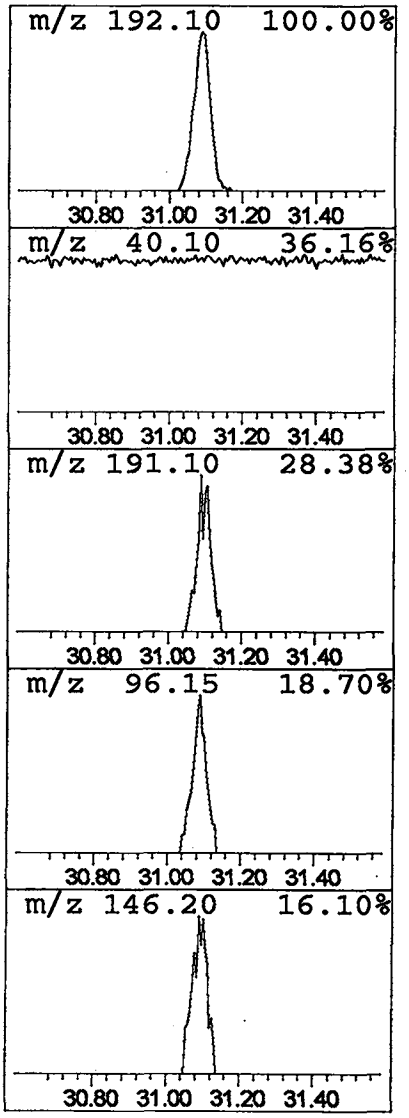
Peak Number 4 Phenanthrene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	629292	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	59
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59





Data File : C:\MSDCHEM\1\DATA\020424\08959.D Vial: 10
Acq On : 24 Apr 2002 6:43 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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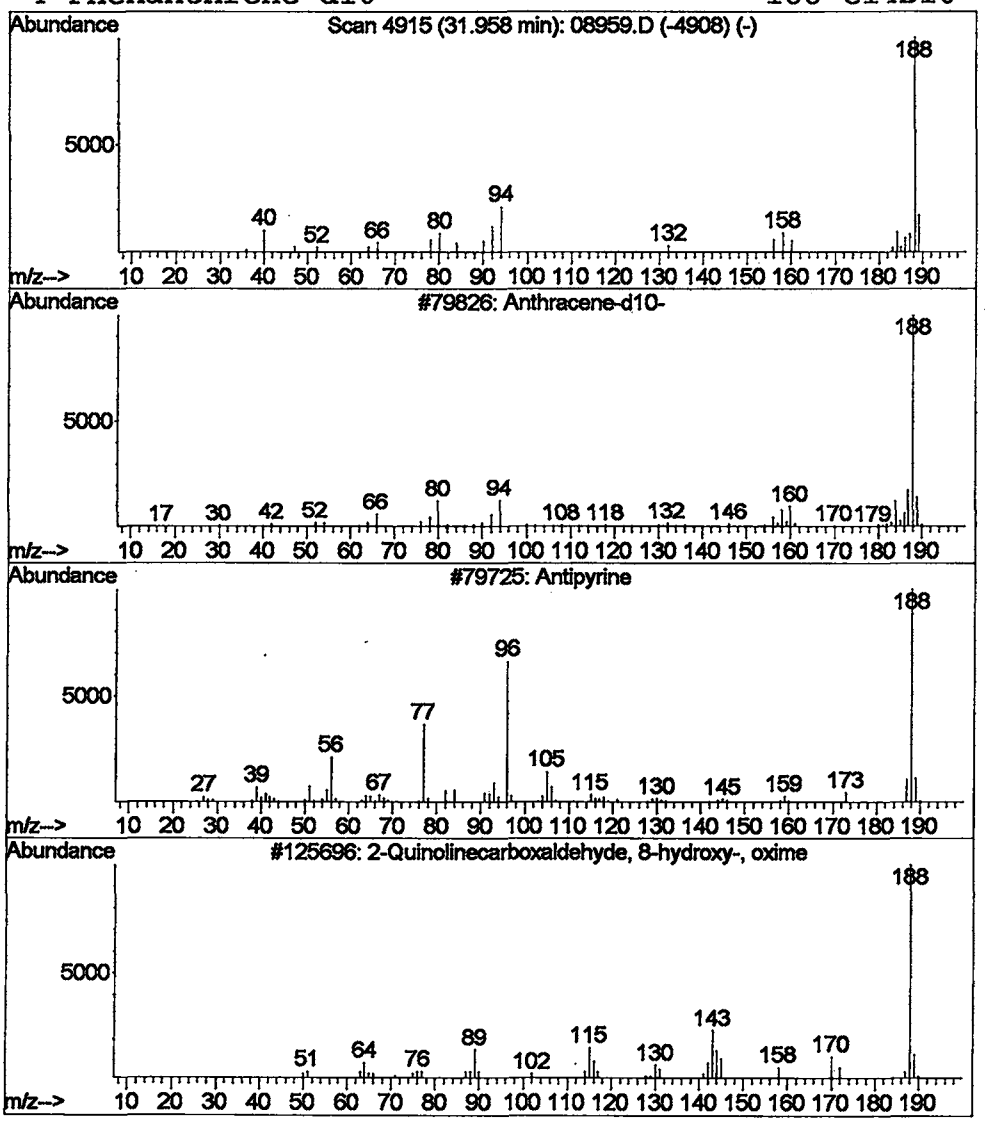
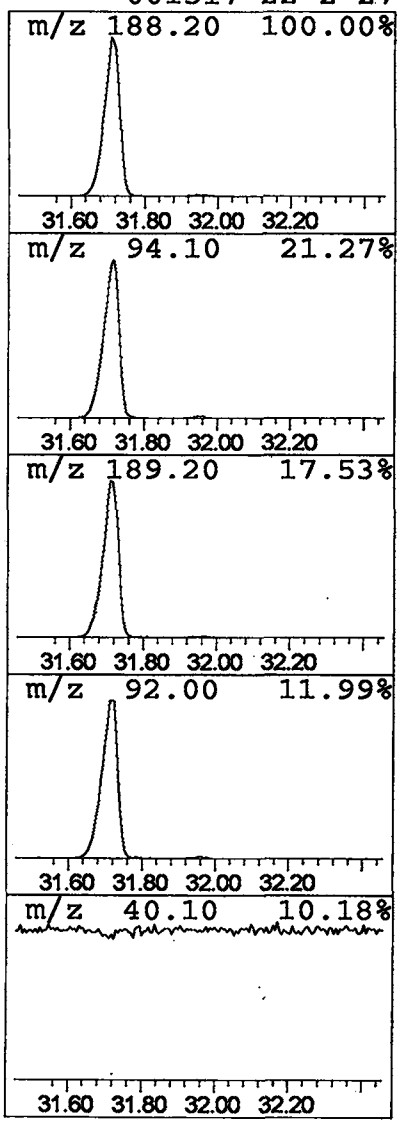
Peak Number 5 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.28 ug/l	554943	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Antipyrine	188	C11H12N2O	000060-80-0	38
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	33
4	Phenanthrene-d10	188	C14D10	001517-22-2	27





Operator ID: Nefliu Date Acquired: 24 Apr 2002 6:43 pm
Data File: C:\MSDCHEM\1\DATA\020424\08959.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020424.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
Acetonitrile, dic...	3.65	0.2	ug/l	277584	1	11.38	51575200	40.0
2-Pentanone, 4-hy...	6.15	12.4	ug/l	15994700	1	11.38	51575200	40.0
~~1,6-Dioxacyclodod~~...	24.62	0.2	ug/l	446260	3	24.46	81078600	40.0
Phenanthrene, 9-m...	31.09	0.3	ug/l	629292	4	31.72	79839000	40.0
~~Anthracene-d10-~~ Phenanthrene-d10	31.96	0.3	ug/l	554943	4	31.72	79839000	40.0