User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 11:10:57

Sample: AE08961
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 11:10 Ended: 5/7/02 11:10 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE08961 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 11:11:16

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\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 09:50:52 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

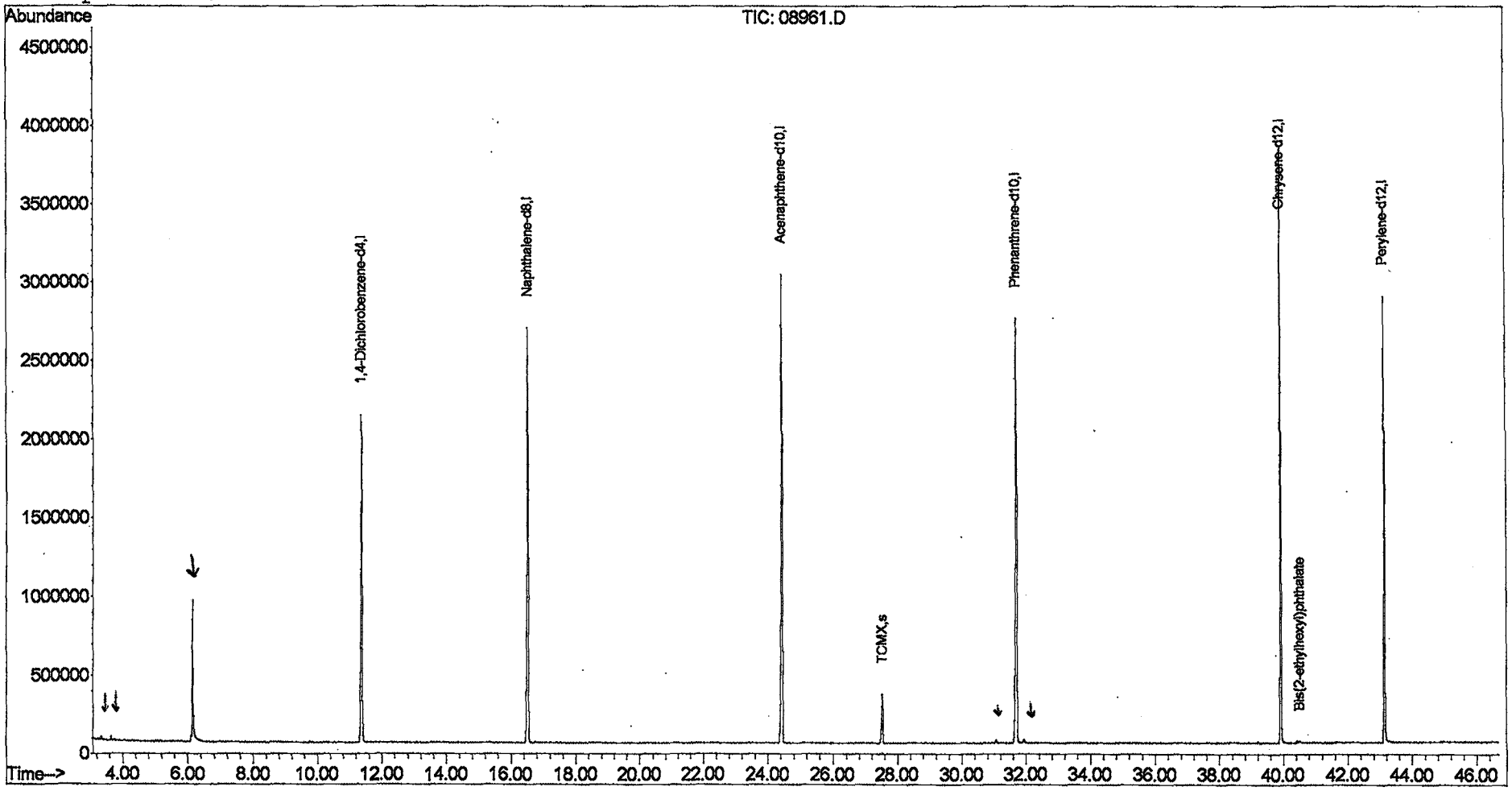
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.37	152	9935726	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	38600182	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	21479260	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	31699748	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	24132823	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	15962837	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	1022393	8.46	ug/l	-0.03
Spiked Amount 10.000			Recovery = 84.60%			
Target Compounds						Qvalue
43) Bis(2-ethylhexyl)phthalate	40.53	149	92959	0.21	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 9:52 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\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 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

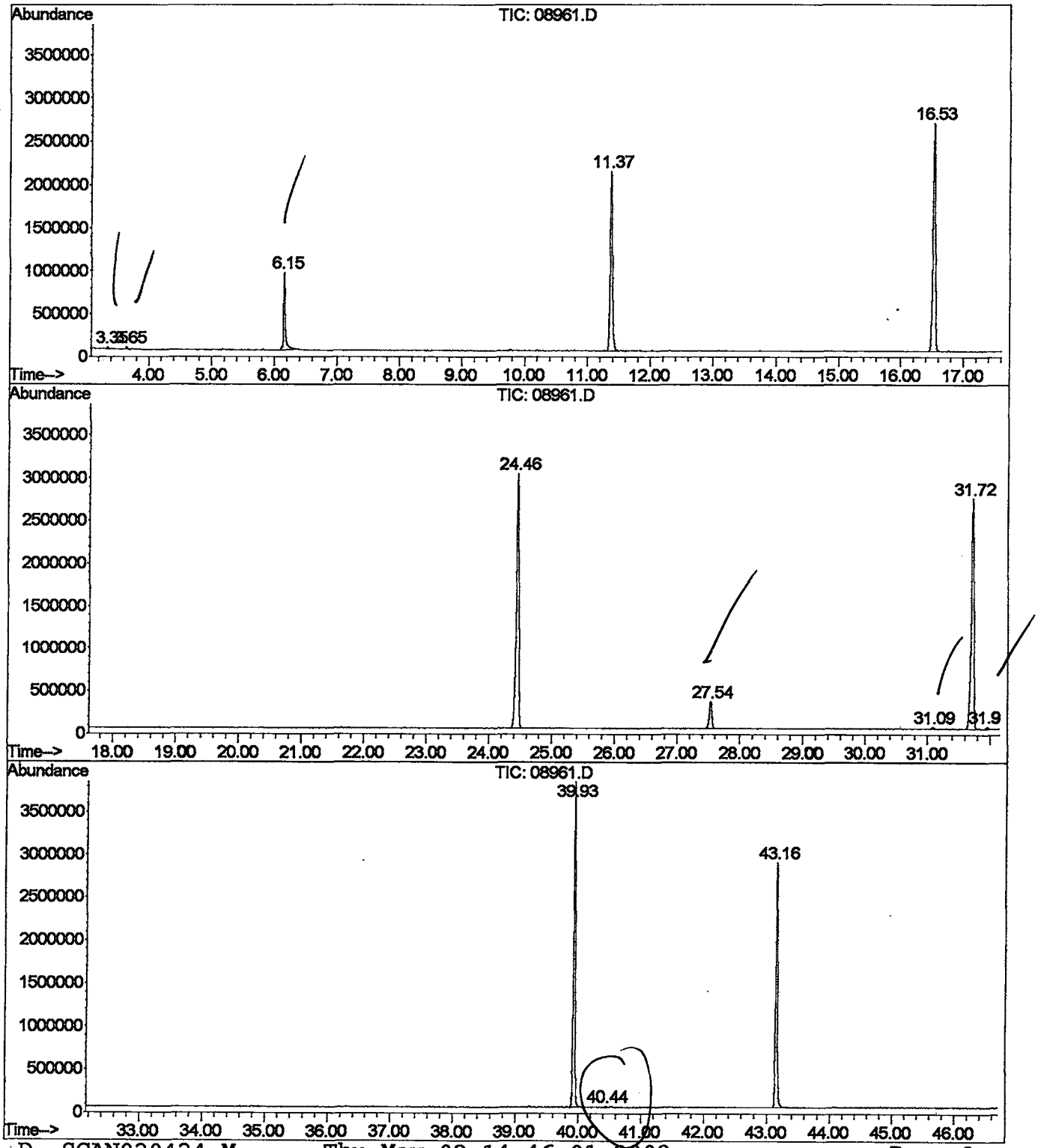
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY		peak height	corr. area	corr. % max.	% of total
1	3.355	41	47	51	VV		22713	315628	0.39%	0.072%
2	3.649	93	97	106	VV	2	27743	408238	0.50%	0.093%
3	6.152	510	523	553	PV		882390	17414444	21.54%	3.974%
4	11.376	1386	1412	1434	PV		2065638	51616532	63.84%	11.778%
5	16.534	2267	2290	2306	PV		2638107	71260141	88.14%	16.260%
6	24.461	3615	3639	3660	PV		2961720	80848295	100.00%	18.448%
7	27.539	4148	4163	4176	PV	3	315425	9058389	11.20%	2.067%
8	31.088	4755	4767	4777	PV	4	19908	630511	0.78%	0.144%
9	31.717	4854	4874	4891	PV	2	2680030	79368813	98.17%	18.110%
10	31.958	4899	4915	4926	BV	2	22978	569869	0.70%	0.130%
11	39.937	6259	6273	6289	PV	2	3731070	70629971	87.36%	16.116%
12	40.436	6353	6358	6366	PV	4	11683	248799	0.31%	0.057%
13	43.157	6809	6821	6860	PV		2873477	55885840	69.12%	12.752%

Sum of corrected areas: 438255469

File : C:\MSDCHEM\1\DATA\020424\08961.D
Operator : Nefliu
Acquired : 24 Apr 2002 8:41 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 12
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

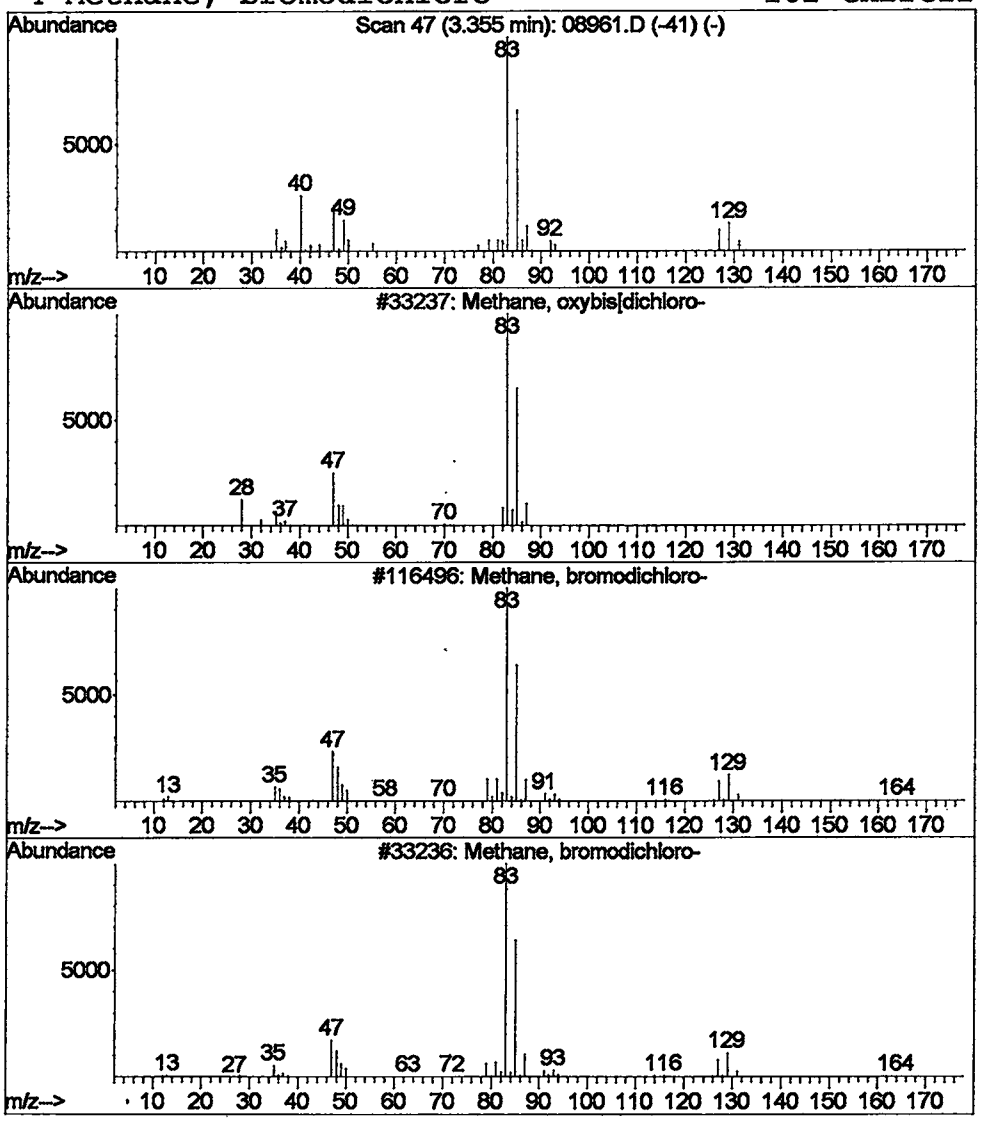
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

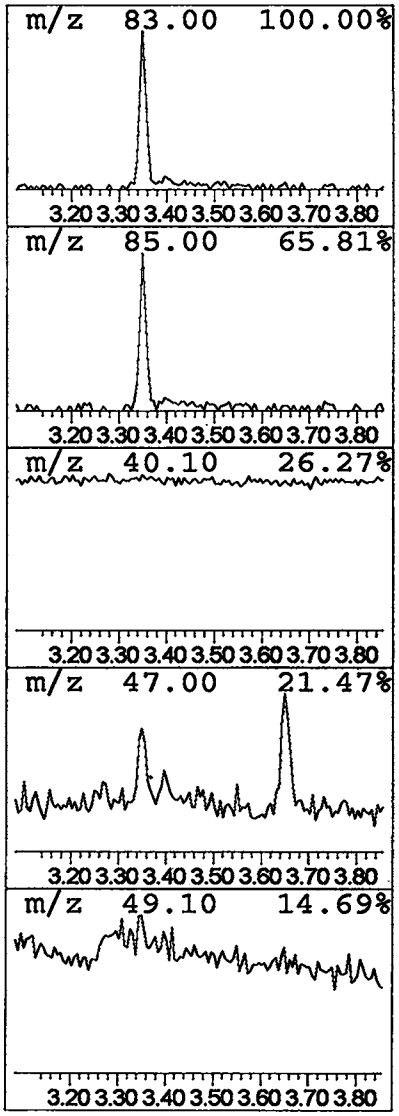
****

Peak Number 1 Methane, oxybis[dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.24 ug/l	315628	1,4-Dichlorobenzene-d4	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
~~1~~	~~Methane, oxybis[dichloro-~~	182	C2H2Cl4O	020524-86-1	80
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	74





Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 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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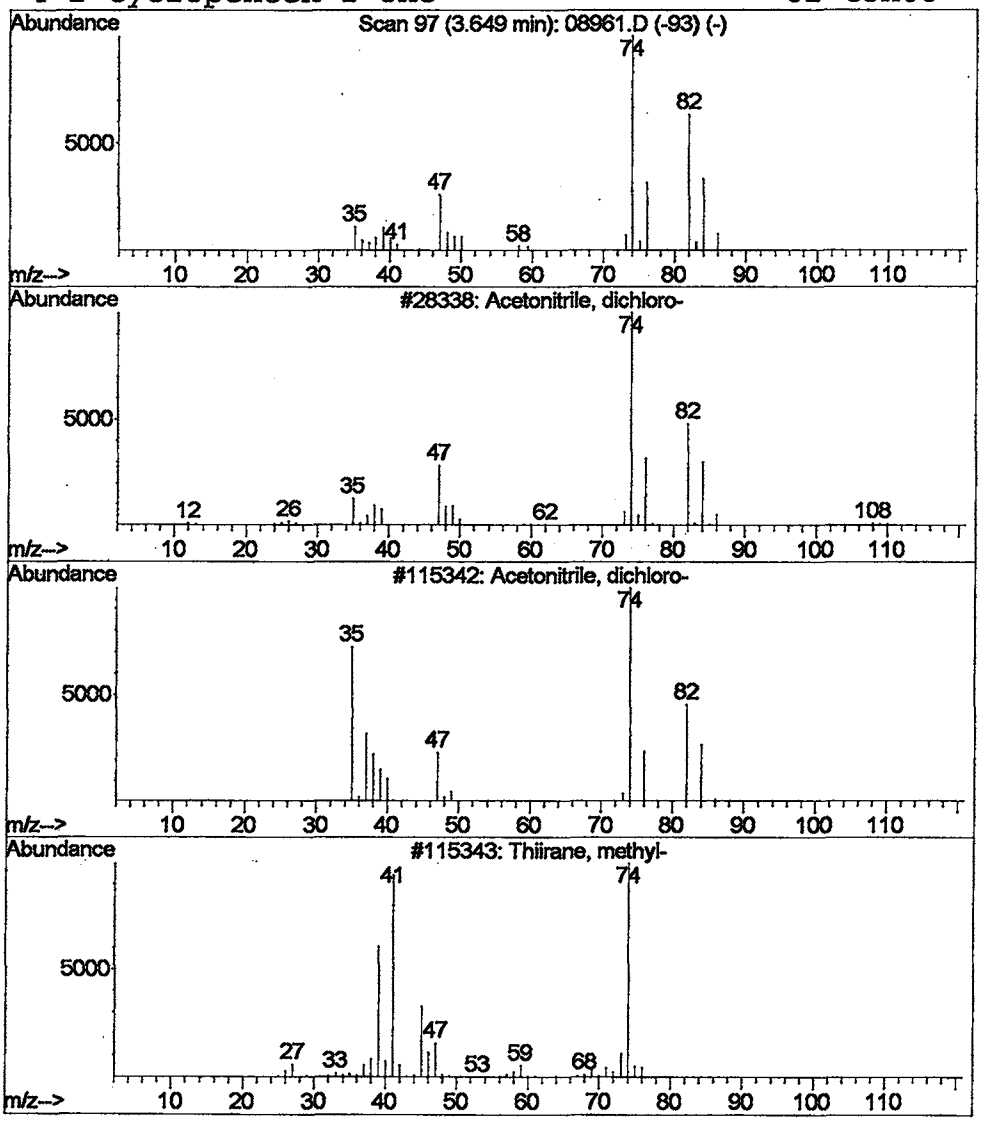
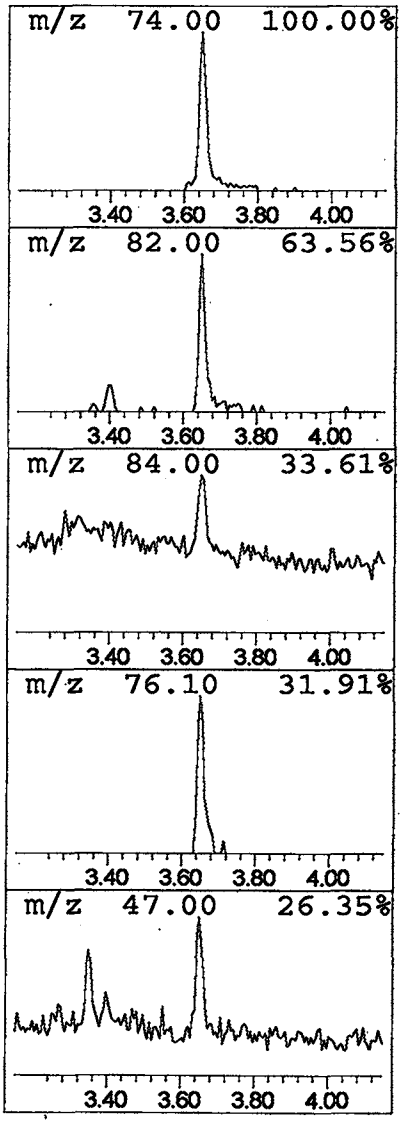
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.32 ug/l	408238	1,4-Dichlorobenzene-d4	11.37

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	Thiirane, methyl-	74	C3H6S	001072-43-1	9
4	2-Cyclopenten-1-one	82	C5H6O	000930-30-3	9





Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 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\nist98.1

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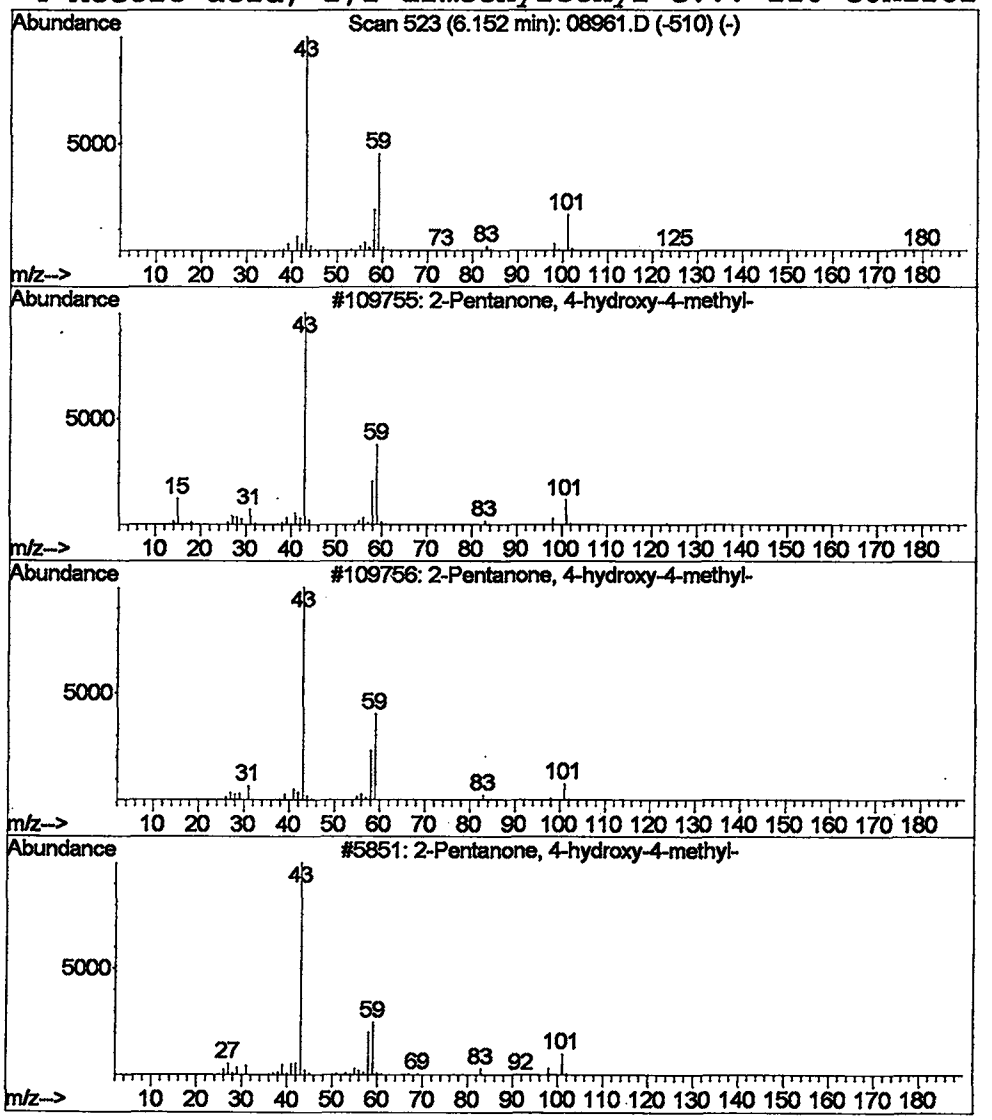
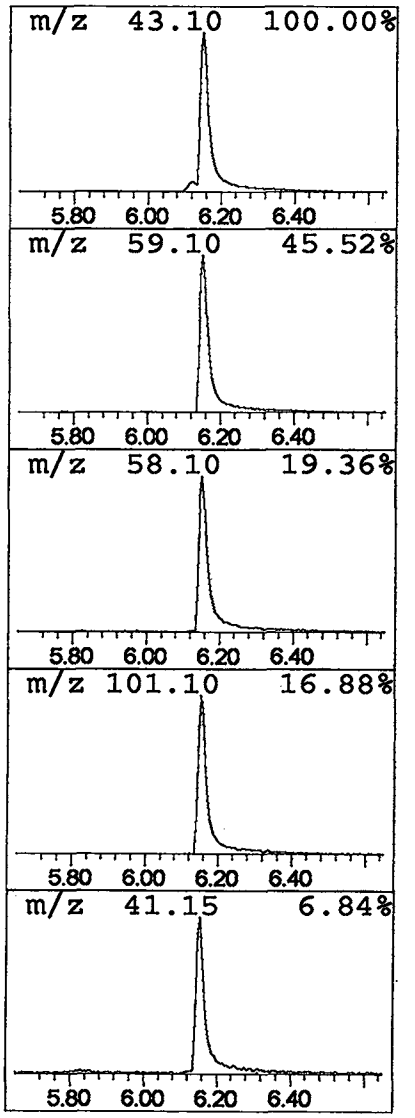
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.50 ug/l	17414400	1,4-Dichlorobenzene-d4	11.37

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	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 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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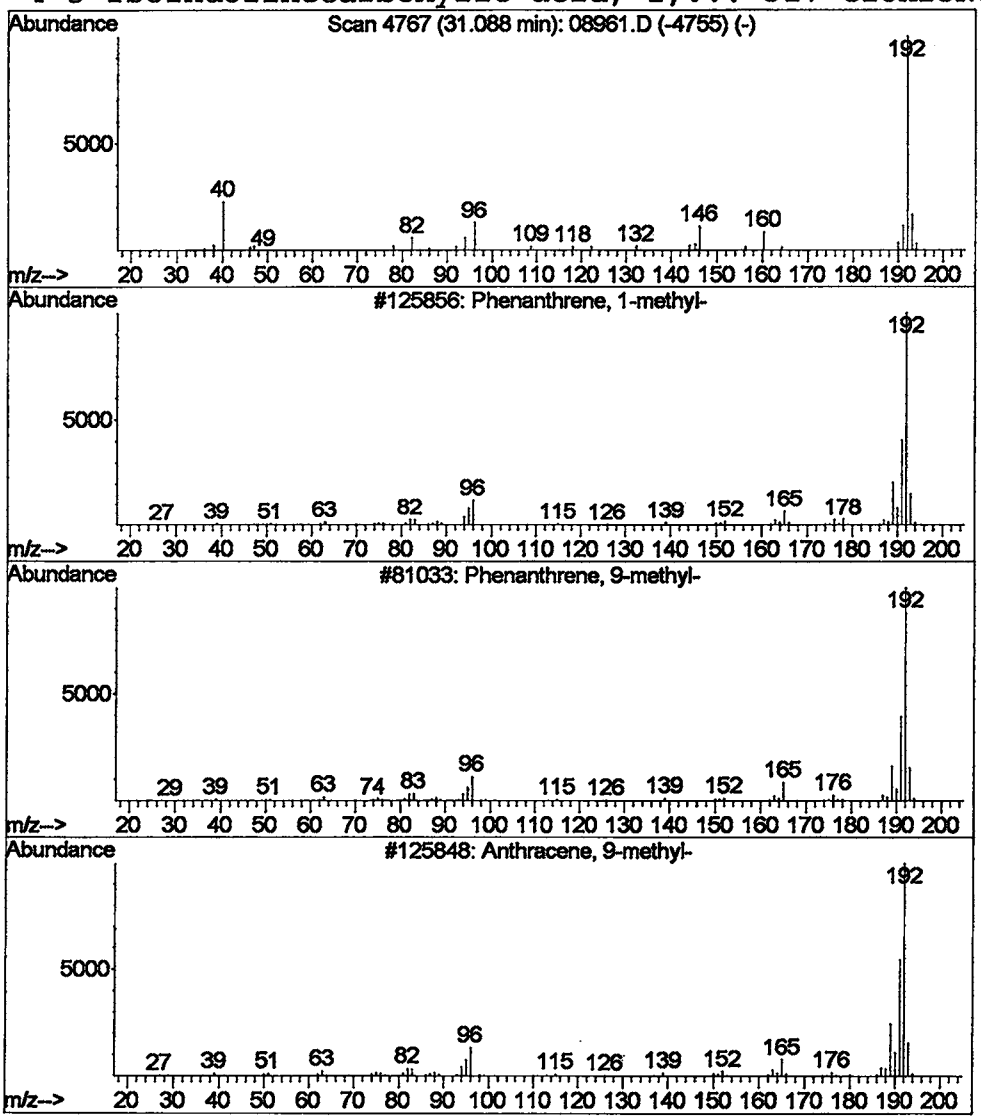
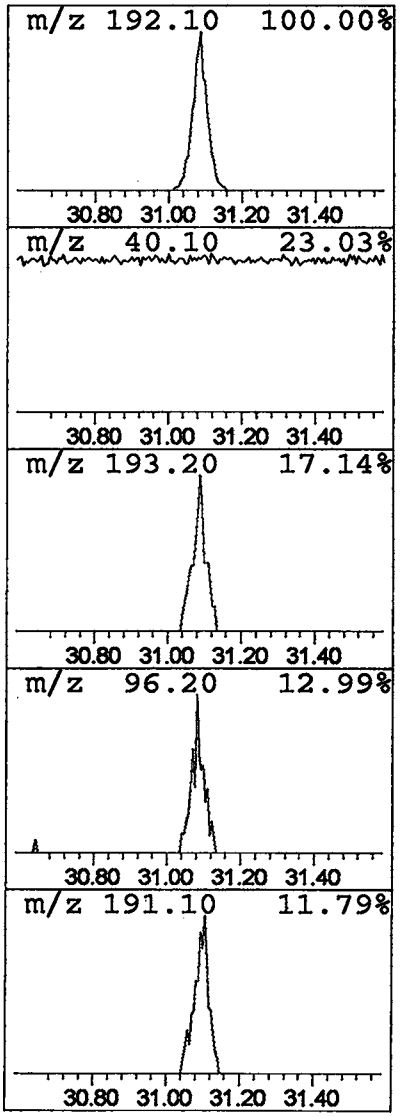
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	630511	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
4	5-Isoindolinecarboxylic acid, 1,...	317	C18H23NO4	033975-34-7	50





Data File : C:\MSDCHEM\1\DATA\020424\08961.D Vial: 12
Acq On : 24 Apr 2002 8:41 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

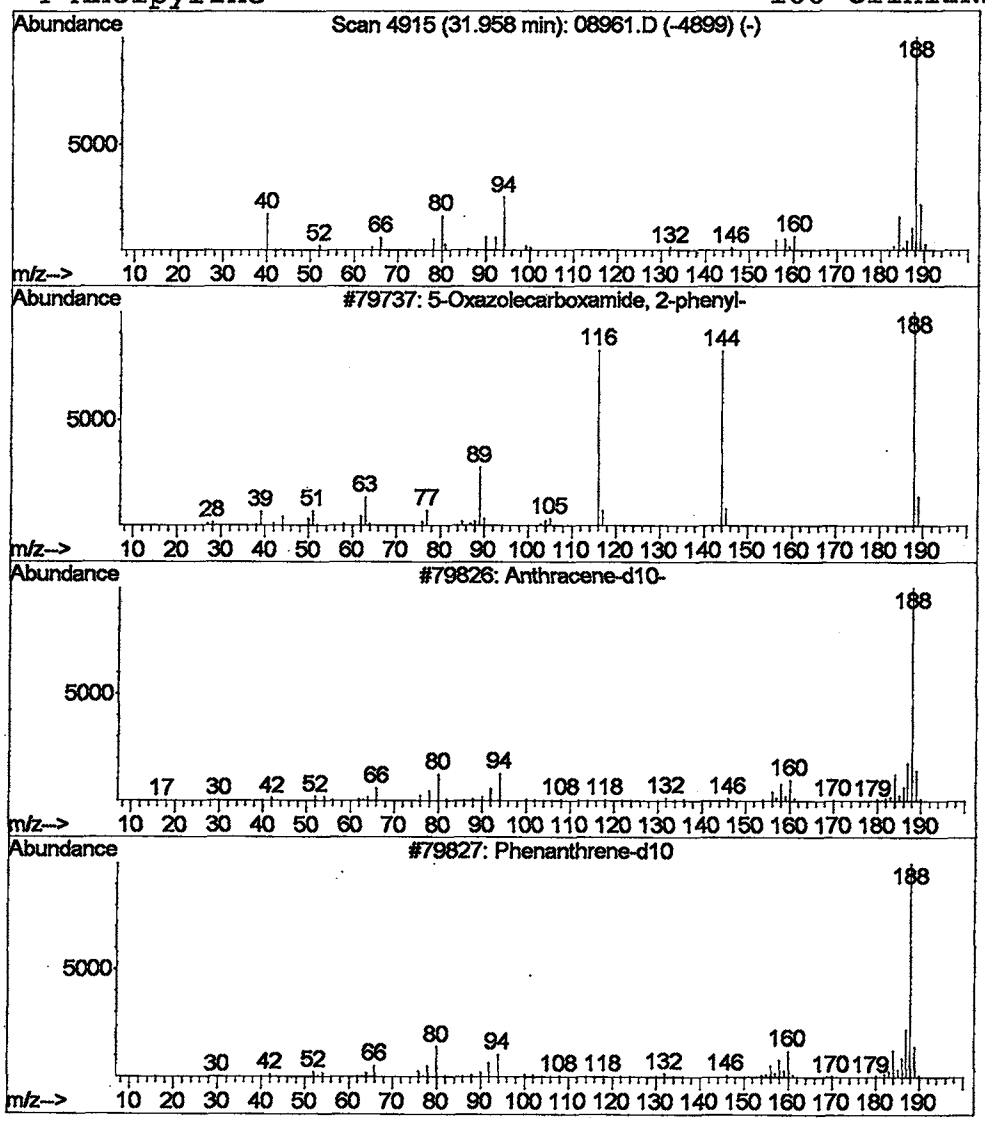
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

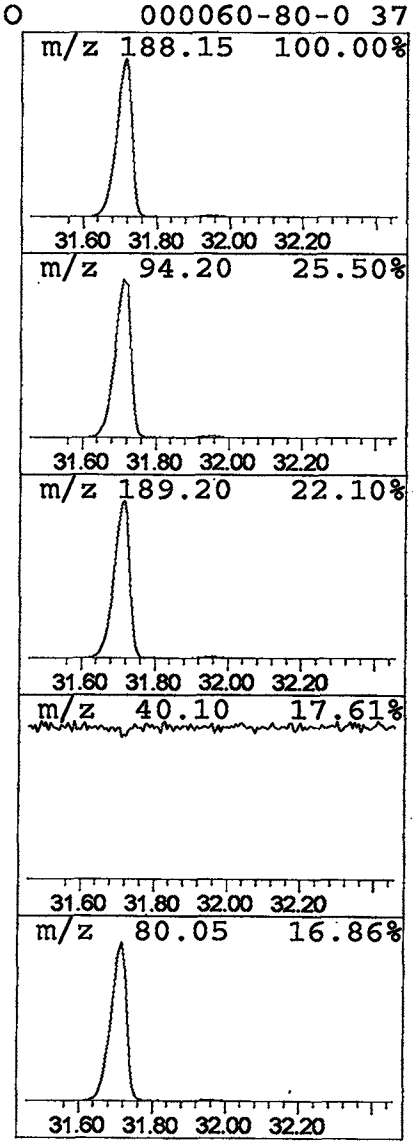
****

Peak Number 5 5-Oxazolecarboxamide, 2-phe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.29 ug/l	569869	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	43
2	Anthracene-d10-	188	C14D10	001719-06-8	43
3	Phenanthrene-d10	188	C14D10	001517-22-2	38
4	Antipyrine	188	C11H12N2O	000060-80-0	37





Operator ID: Nefliu Date Acquired: 24 Apr 2002 8:41 pm
Data File: C:\MSDCHEM\1\DATA\020424\08961.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Methane, bromodichloro-								
~~Methane, oxybis[d...~~	3.35	0.2	ug/l	315628	1	11.37	51616500	40.0
Acetonitrile, dic...	3.65	0.3	ug/l	408238	1	11.37	51616500	40.0
2-Pentanone, 4-hy...	6.15	13.5	ug/l	17414400	1	11.37	51616500	40.0
Phenanthrene, 1-m...	31.09	0.3	ug/l	630511	4	31.72	79368800	40.0
~~5-Oxazolecarboxam...~~	31.96	0.3	ug/l	569869	4	31.72	79368800	40.0

Phenanthrene-d10