User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 13:44:10

Sample: AE01647
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 13:43 Ended: 3/25/02 13:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		127		5.0

Comments for Sample AE01647 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 13:44:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the LCS Standard are high. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:27:16 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1356261	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3903967	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2159918	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3208111	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2782161	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1525967	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	243647	6.37	ug/L	0.00
Spiked Amount 5.000			Recovery = 127.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-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) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	18.13	165	278491	11.12	ug/L #	25
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	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	24.66	149	4007	0.02	ug/L	79
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.91	149	25211	0.23	ug/L	96
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration
1647.D 5080302.M Thu Mar 21 06:28:48 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:27:16 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

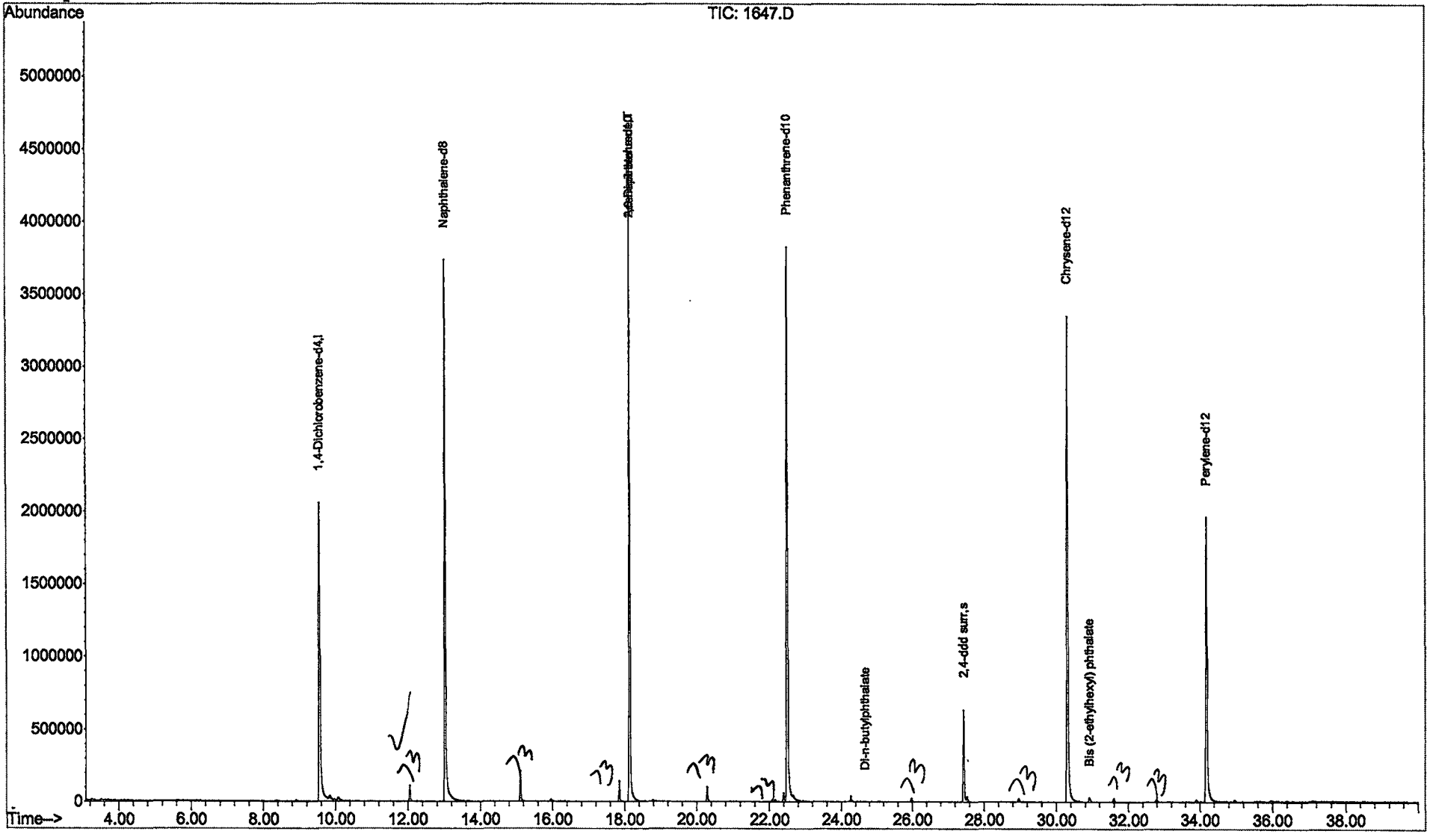
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	d
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
1647.D 5080302.M Thu Mar 21 06:28:48 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:28 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

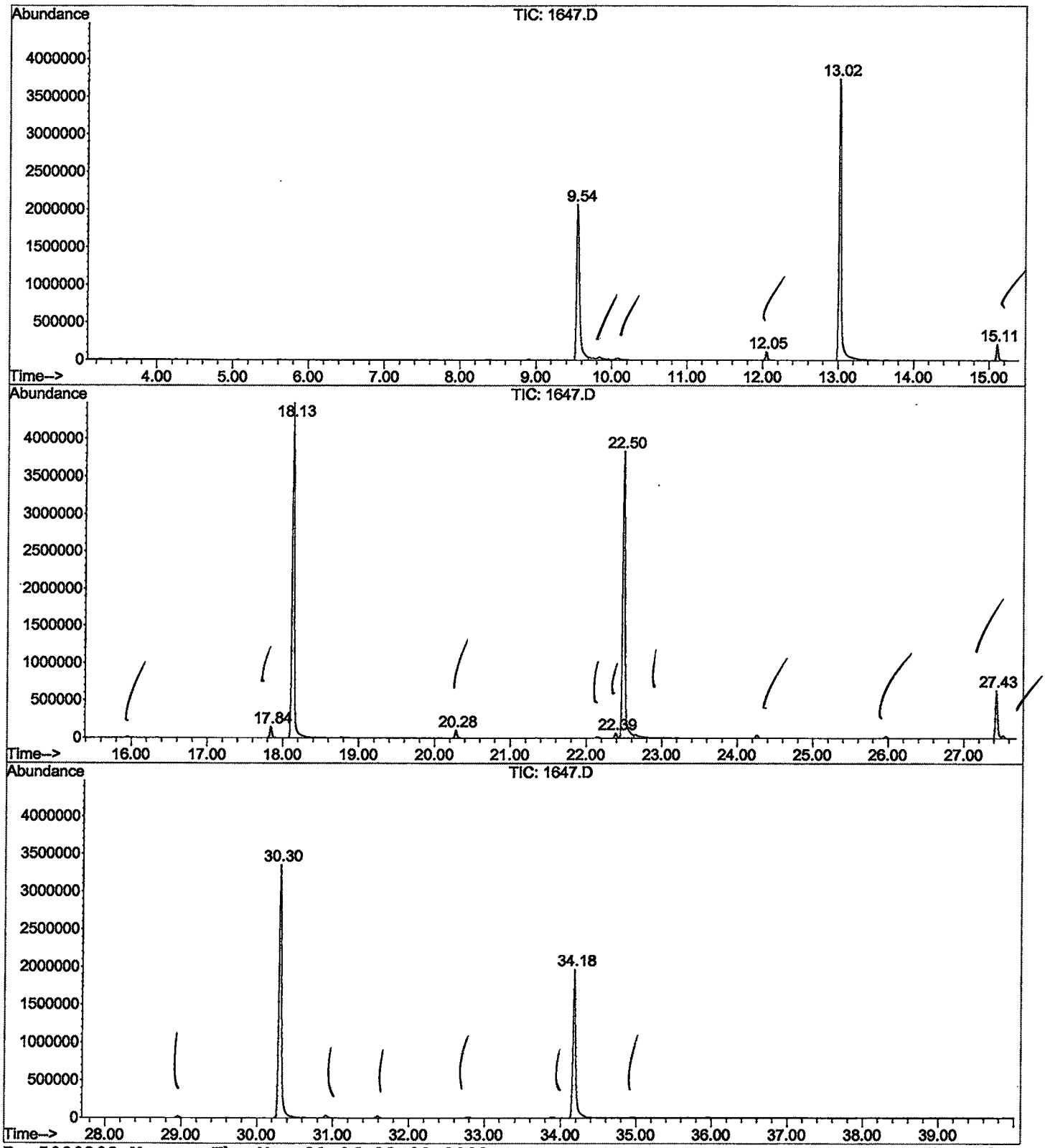
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	709	713	729	rBV	2060976	5751067	63.77%	12.082%
2	12.046	984	989	996	rBV	111343	202997	2.25%	0.426%
3	13.017	1091	1096	1125	rBV	3737577	8461298	93.82%	17.776%
4	15.112	1322	1327	1336	rBV	213712	382971	4.25%	0.805%
5	17.842	1624	1628	1639	rBV	147092	279901	3.10%	0.588%
6	18.133	1654	1660	1680	rBV	4475098	9018185	100.00%	18.946%
7	20.282	1893	1897	1907	rBB	102562	196637	2.18%	0.413%
8	22.387	2125	2129	2135	rBV	62447	121633	1.35%	0.256%
9	22.495	2135	2141	2156	rBV2	3826524	8782026	97.38%	18.450%
10	27.430	2680	2685	2693	rBV	634486	1271130	14.10%	2.670%
11	30.305	2995	3002	3026	rBV2	3352154	8128505	90.13%	17.077%
12	34.178	3422	3429	3446	rBV	1963883	5002903	55.48%	10.510%

Sum of corrected areas: 47599253

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\1647.D
Operator : McLean
Acquired : 20 Mar 2002 12:10 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 3/1
Misc Info :
Vial Number: 27
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

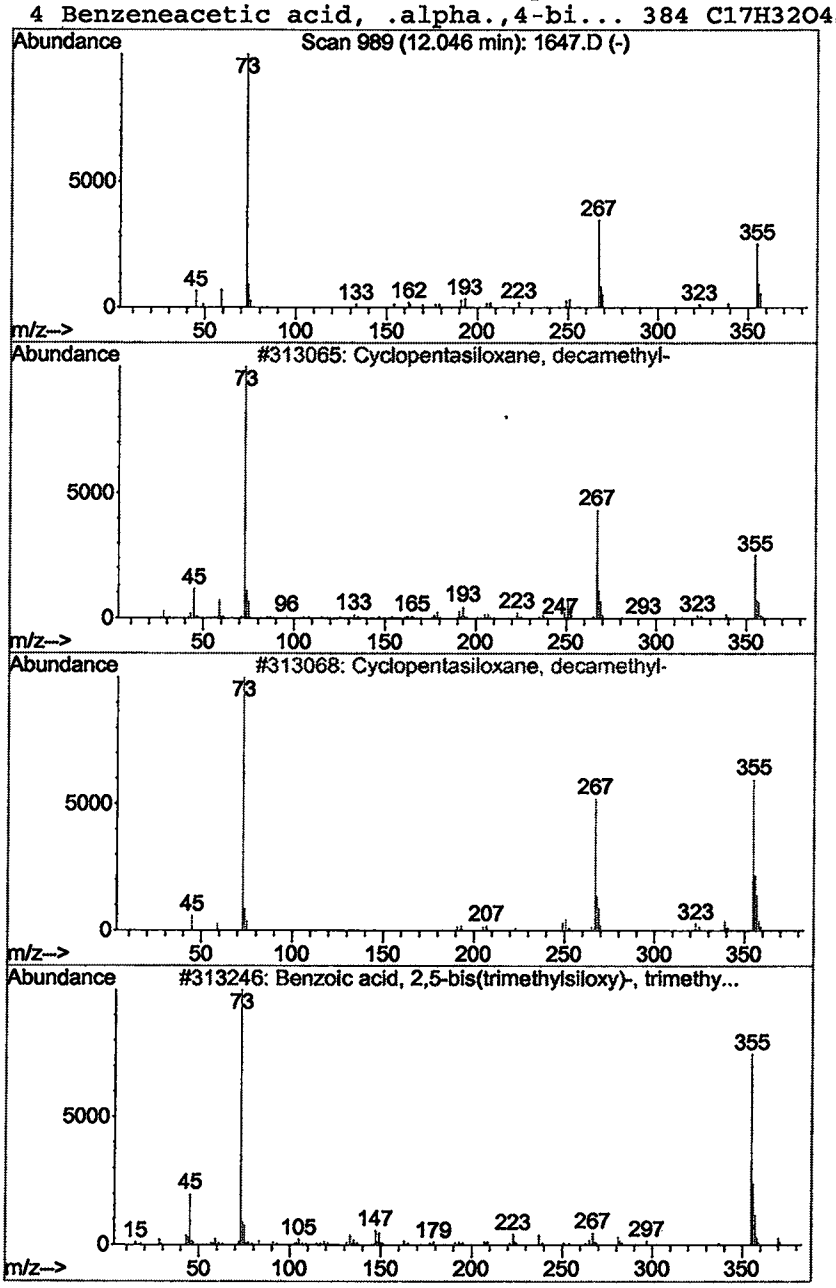
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

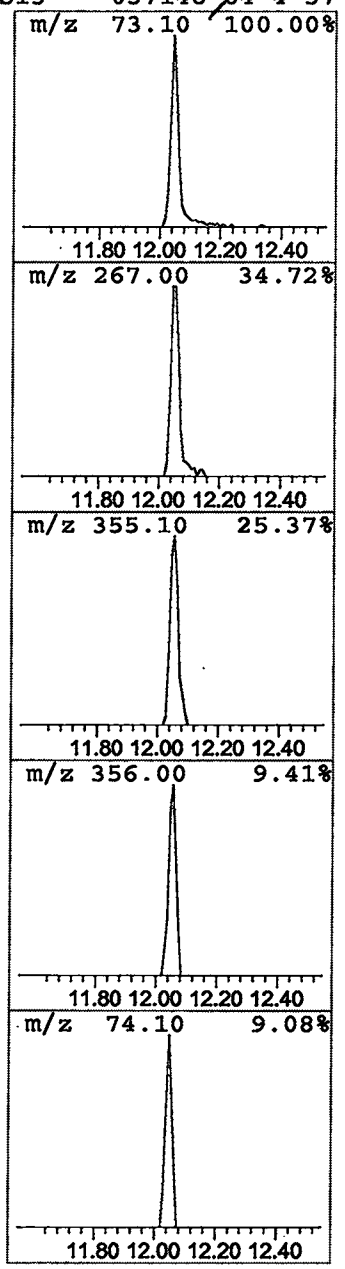
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.48 ug/L	202997	Naphthalene-d8	13.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
3	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	38
4	Benzeneacetic acid, .alpha.,4-bi...	384	C17H32O4Si3	037148-64-4	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

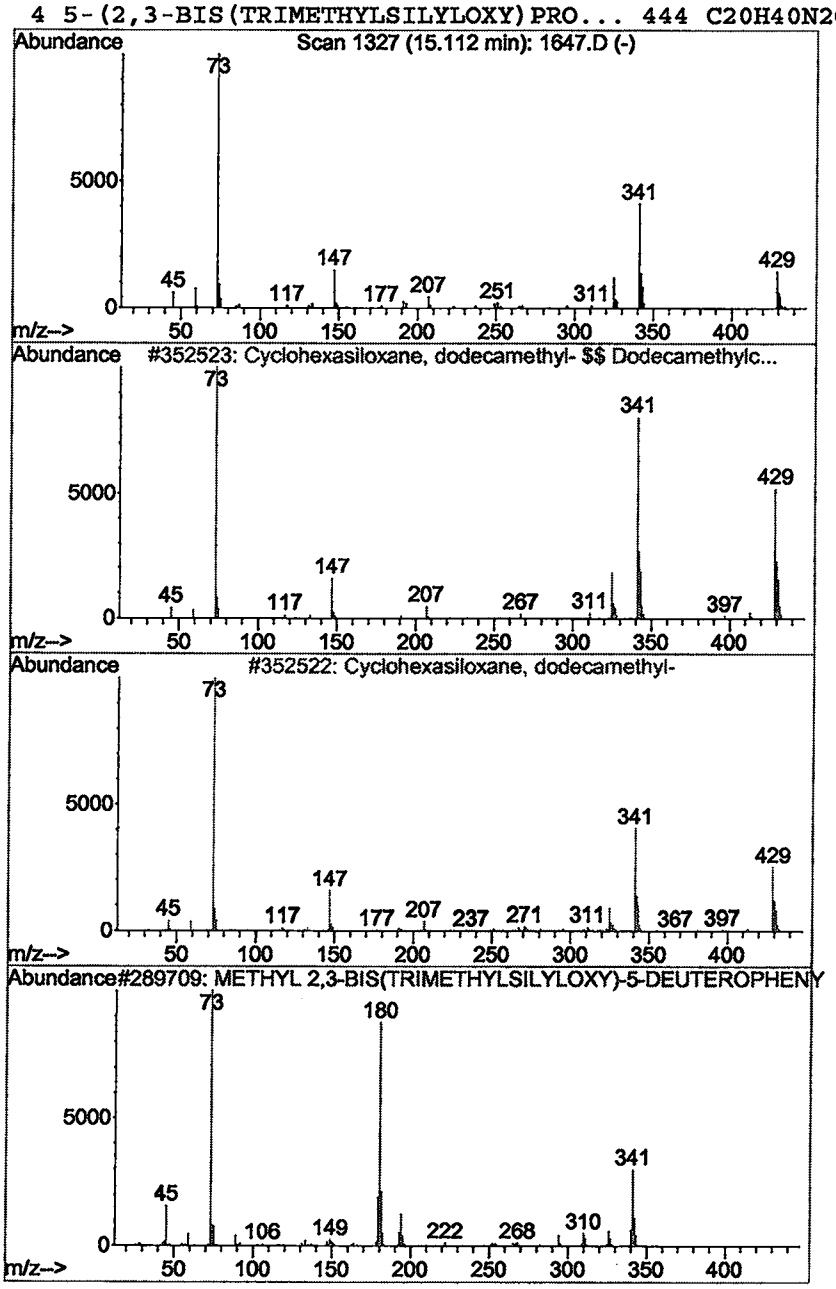
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

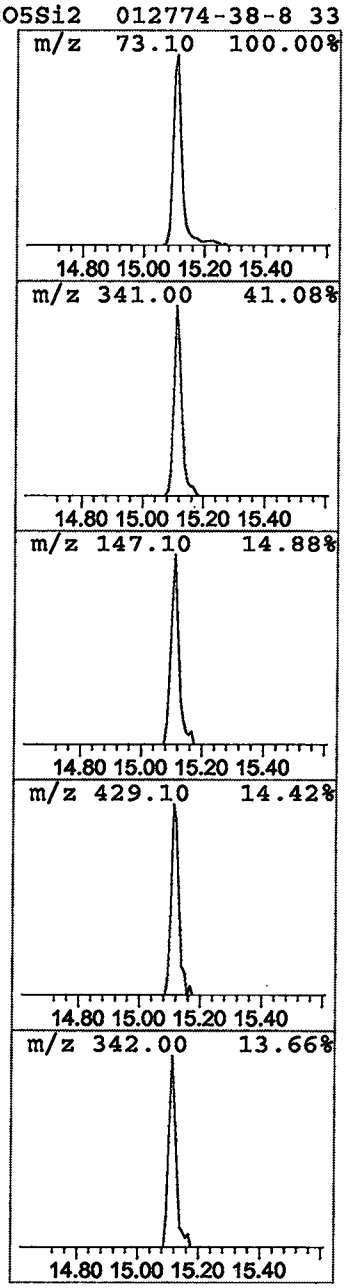
****

Peak Number 2 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	0.91 ug/L	382971	Naphthalene-d8	13.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	52
3	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	40
4	5-(2,3-BIS(TRIMETHYLSILYLOXY)PRO...	444	C20H40N2O5Si2	012774-38-8	33





Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

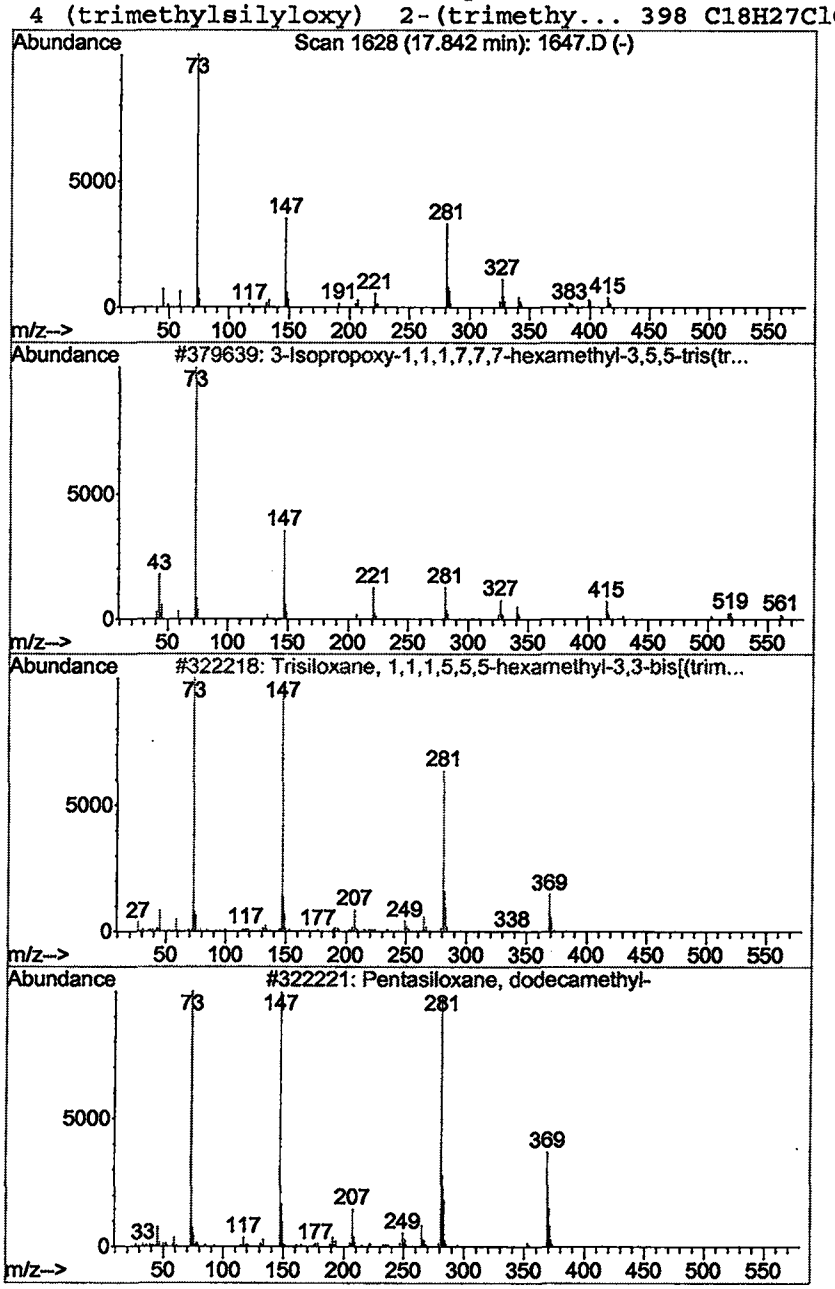
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

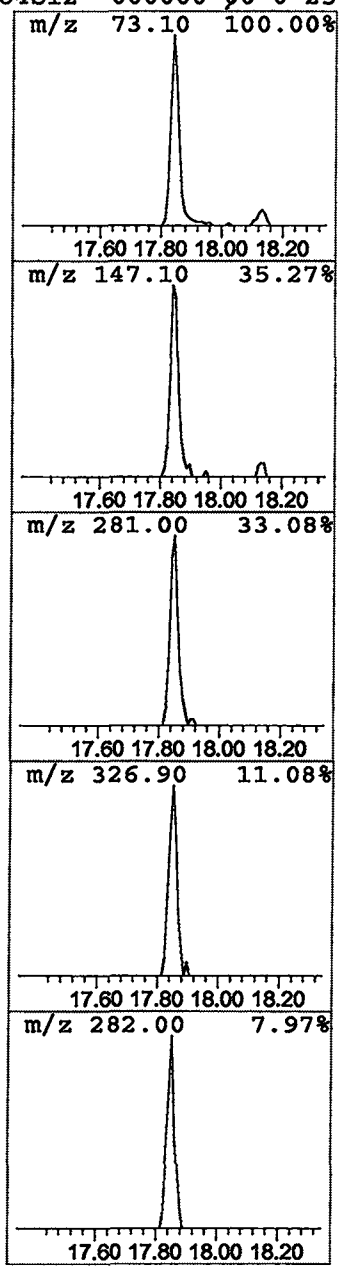
****

Peak Number 3 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	0.62 ug/L	279901	Acenaphthene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	53
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	40
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	28
4	(trimethylsilyloxy) 2-(trimethy...	398	C18H27ClO4Si2	000000-00-0	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\1647.D Vial: 27
Acq On : 20 Mar 2002 12:10 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

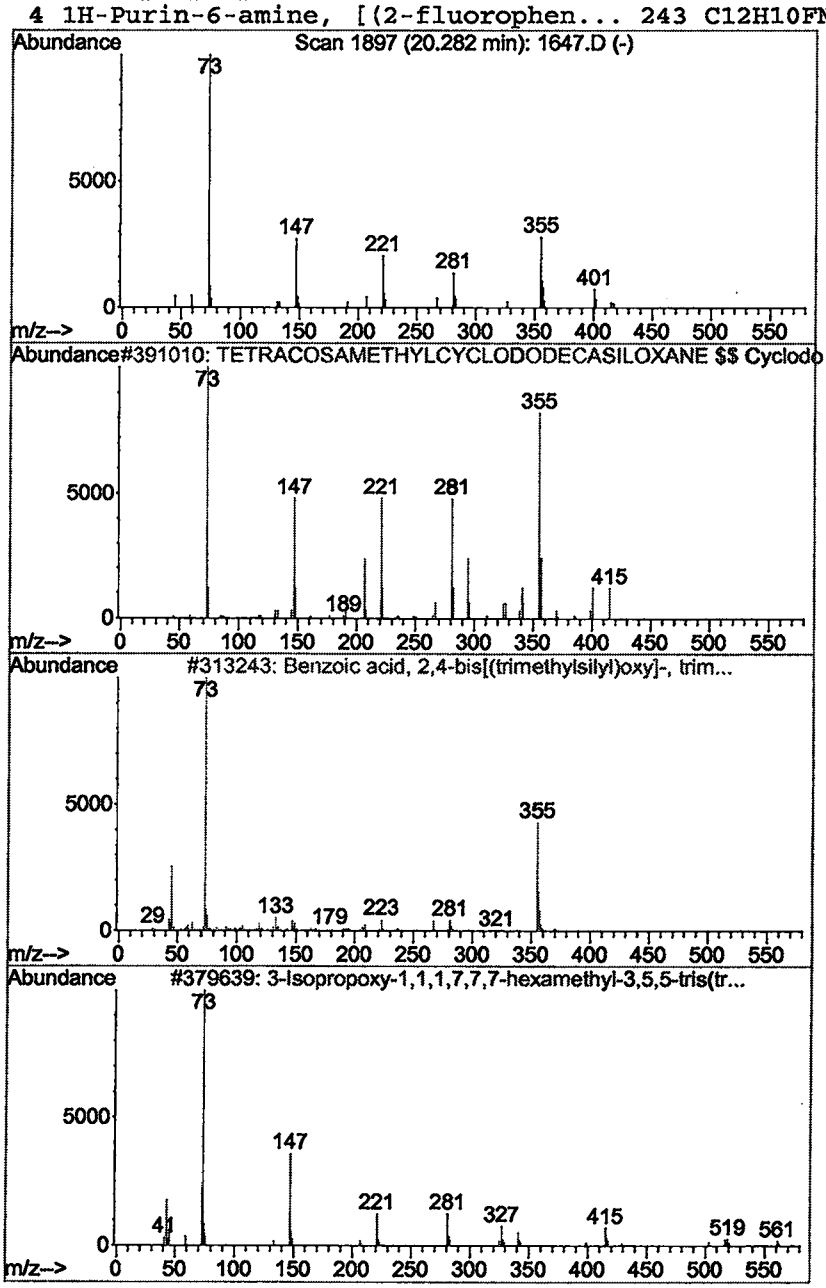
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

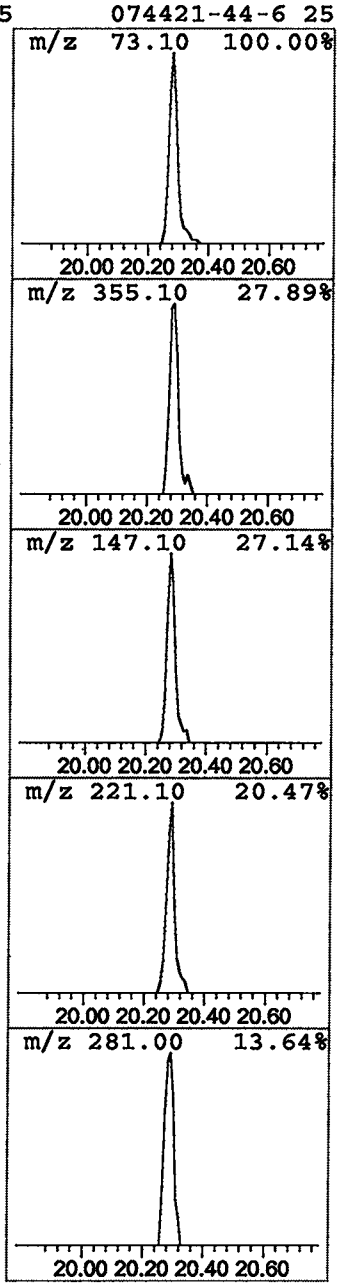
****

Peak Number 4 TETRACOSAMETHYLCYCLODODECAS... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.44 ug/L	196637	Acenaphthene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TETRACOSAMETHYLCYCLODODECASILOXA...	888	C24H72O12Si12	018919-94-3	45
2	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	38
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	37
4	1H-Purin-6-amine, [(2-fluorophen...	243	C12H10FN5	074421-44-6	25





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 20 Mar 2002 12:10 pm
Data File: C:\MSDCHEM\1\DATA\031902\1647.D
Name: RE-INJ 3/1
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Cyclopentasiloxan...	12.05	0.5	ug/L	202997	2	13.02	8461300	20.0
Cyclohexasiloxane...	15.11	0.9	ug/L	382971	2	13.02	8461300	20.0
3-Isopropoxy-1,1,...	17.84	0.6	ug/L	279901	3	18.13	9018190	20.0
TETRACOSAMETHYLCY...	20.28	0.4	ug/L	196637	3	18.13	9018190	20.0