User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/14/2002 Time: 16:50:17

Sample: AE01045
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/14/02 16:50 Ended: 3/14/02 16:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		115		5.0

Comments for Sample AE01045 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-14-2002 Time: 16:50:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range. This sample was reextracted and reanalyzed due to low recoveries in the original LCS Standard. The Surrogate Standard was acceptable both times. This sample will receive a discount.

Data File : C:\MSDCHEM\1\DATA\022802\01045.D Vial: 10
Acq On : 28 Feb 2002 6:21 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 11:00:04 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1108708	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2976112	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	1659693	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2531640	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	2388003	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1550466	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	230874	5.74	ug/L	0.00
Spiked Amount 5.000			Recovery = 114.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.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	0.00	165	0	N.D. d		
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	24.67	149	5791	0.03	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	30.94	149	4634	0.04	ug/L	95
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
01045.D 5080202.M Wed Mar 13 11:00:54 2002 Page 1

Data File : C:\MSDCHEM\1\DATA\022802\01045.D Vial: 10
Acq On : 28 Feb 2002 6:21 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 11:00:04 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

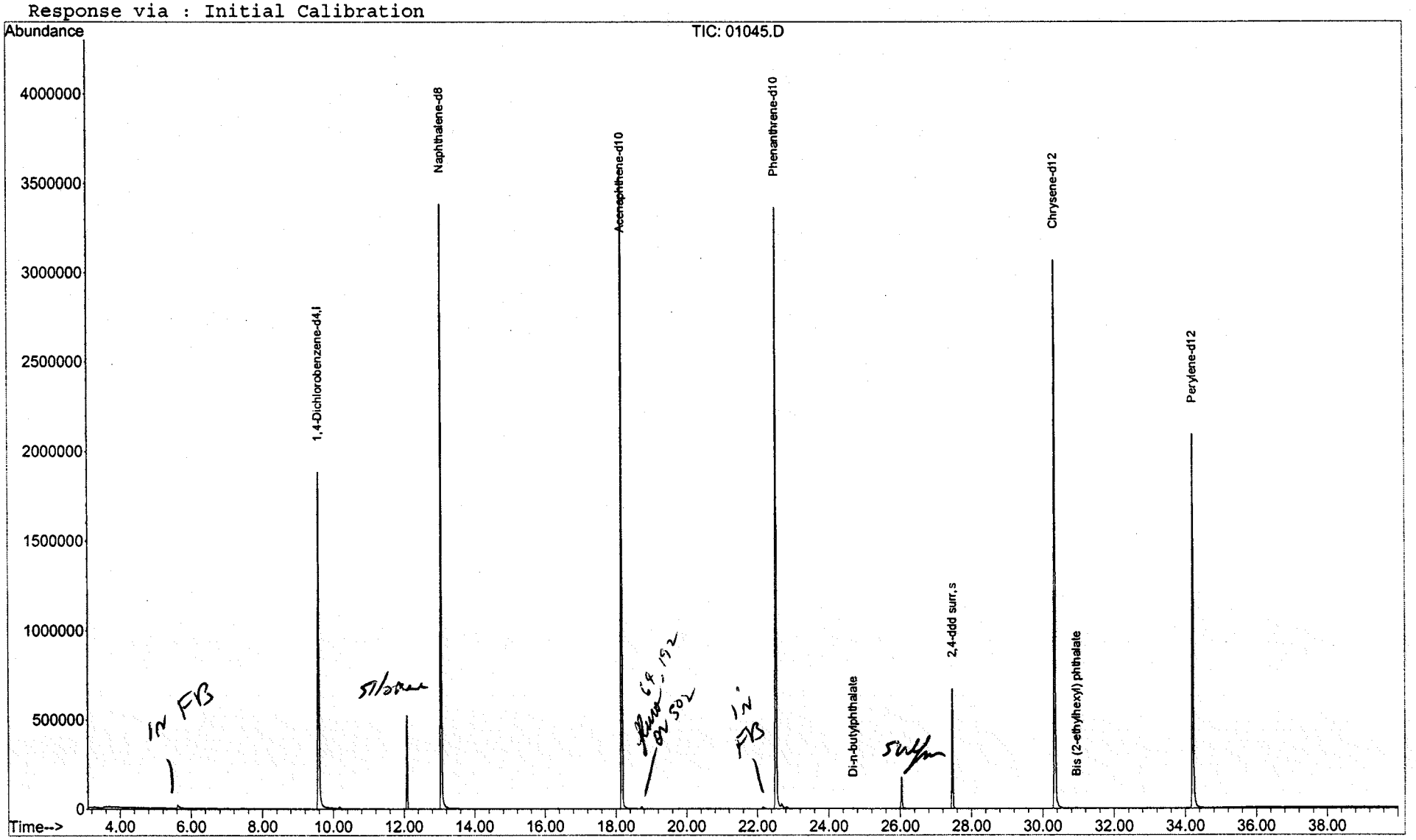
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.		
48)	Benzo (a) pyrene	0.00	252	0	N.D.	d	
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration
01045.D 5080202.M Wed Mar 13 11:00:54 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\01045.D Vial: 10
Acq On : 28 Feb 2002 6:21 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 13 11:00 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\022802\01045.D Vial: 10
Acq On : 28 Feb 2002 6:21 pm Operator: McLean
Sample : GC MS SCAN 2/27 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.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

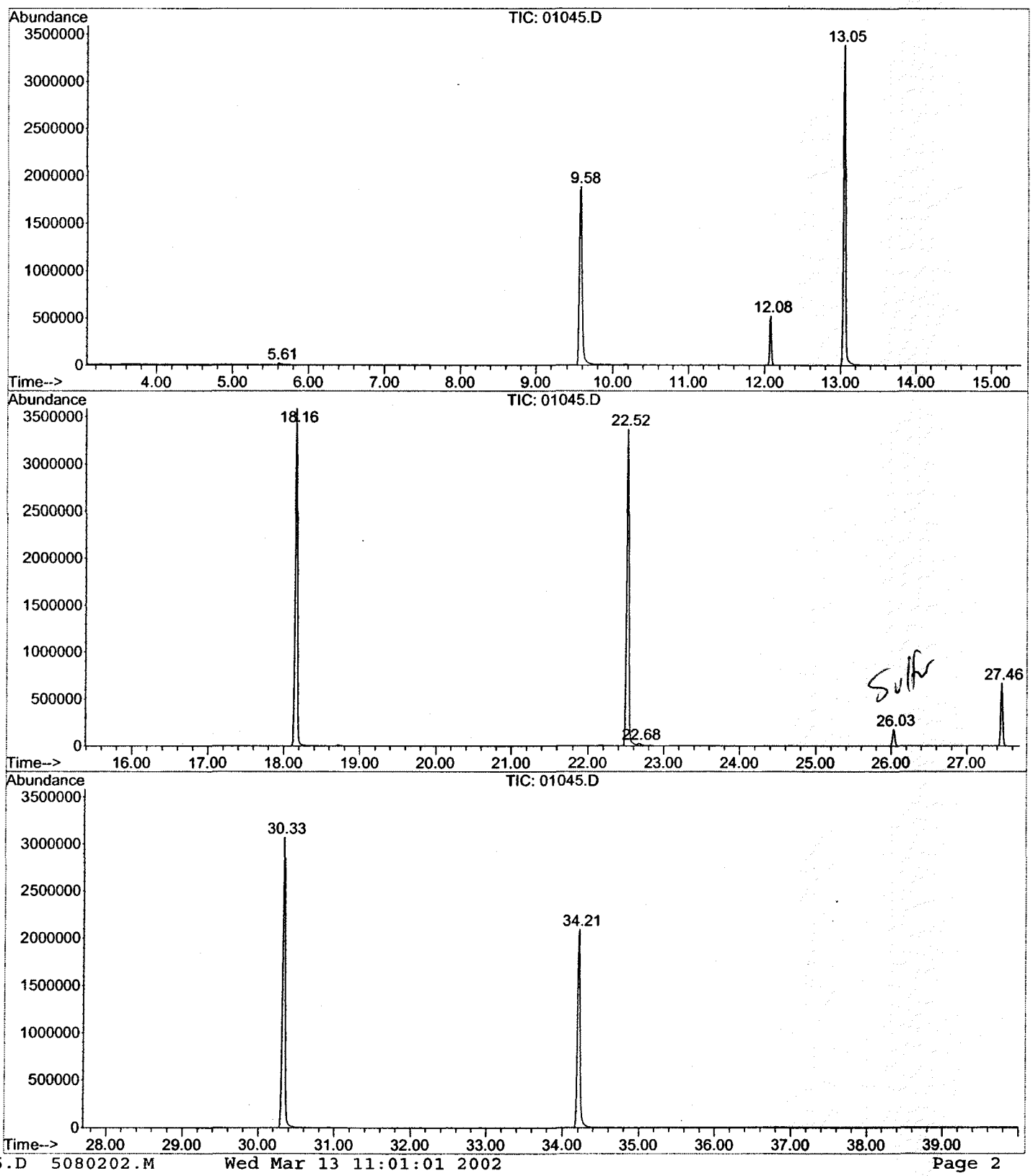
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.607	277	279	293	rBV	19241	70204	1.00%	0.178%
2	9.579	712	717	736	rBV	1881797	4706687	67.30%	11.908%
3	12.083	988	993	998	rBV	522818	860517	12.30%	2.177%
4	13.053	1095	1100	1115	rBV	3385336	6403778	91.57%	16.201%
5	18.160	1657	1663	1675	rBV	3584769	6866850	98.19%	17.373%
6	22.523	2138	2144	2157	rBV2	3366597	6993277	100.00%	17.693%
7	22.677	2157	2161	2171	rVB	24459	79961	1.14%	0.202%
8	26.033	2525	2531	2541	rBV	176644	353990	5.06%	0.896%
9	27.457	2683	2688	2698	rBB	669629	1209900	17.30%	3.061%
10	30.332	2998	3005	3024	rBV2	3069827	6923487	99.00%	17.516%
11	34.214	3426	3433	3456	rBV2	2092064	5057425	72.32%	12.795%

Sum of corrected areas: 39526076

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\01045.D
Operator : McLean
Acquired : 28 Feb 2002 6:21 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC MS SCAN 2/27
Misc Info :
Vial Number: 10
Quant File :5080202.RES (RTE Integrator)



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Data File : C:\MSDCHEM\1\DATA\022802\01045.D              Vial: 10
Acq On    : 28 Feb 2002    6:21 pm                    Operator: McLean
Sample    : GC MS SCAN 2/27                           Inst    : Instrumen
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title        : Quantitation For Method 508gcscan
Library      : C:\DATABASE\WILEY7N.L
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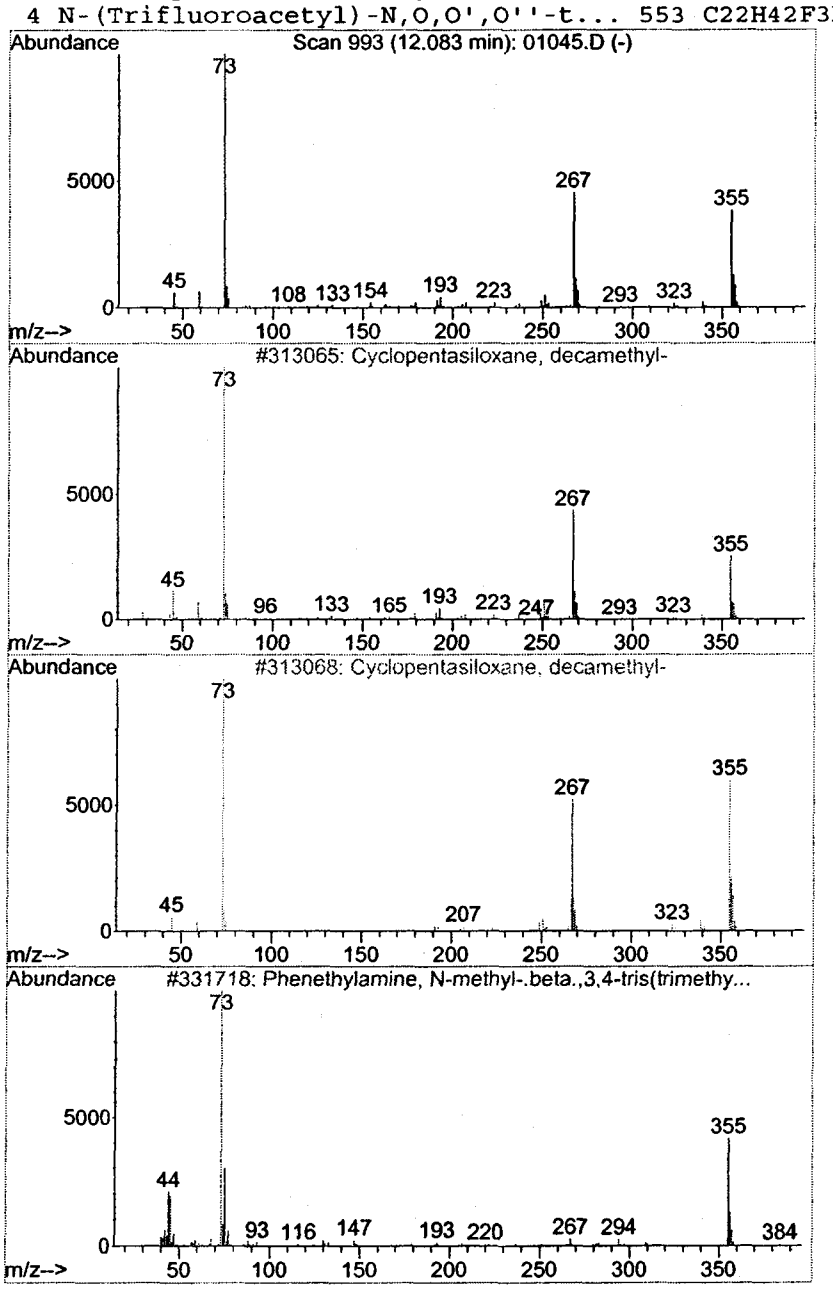
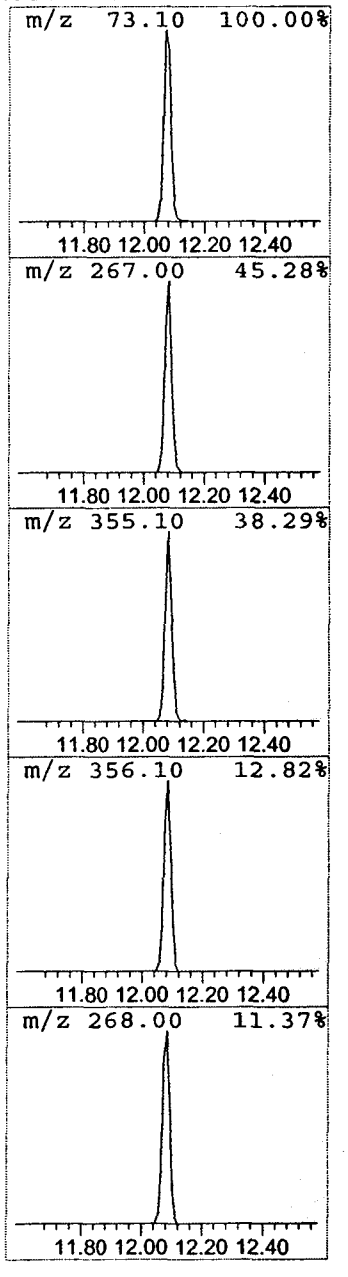
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.69 ug/L	860517	Naphthalene-d8	13.05

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	59
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	47
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38





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Data File : C:\MSDCHEM\1\DATA\022802\01045.D              Vial: 10
Acq On    : 28 Feb 2002    6:21 pm                    Operator: McLean
Sample    : GC MS SCAN 2/27                           Inst    : Instrumen
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title        : Quantitation For Method 508gcscan
Library      : C:\DATABASE\WILEY7N.L
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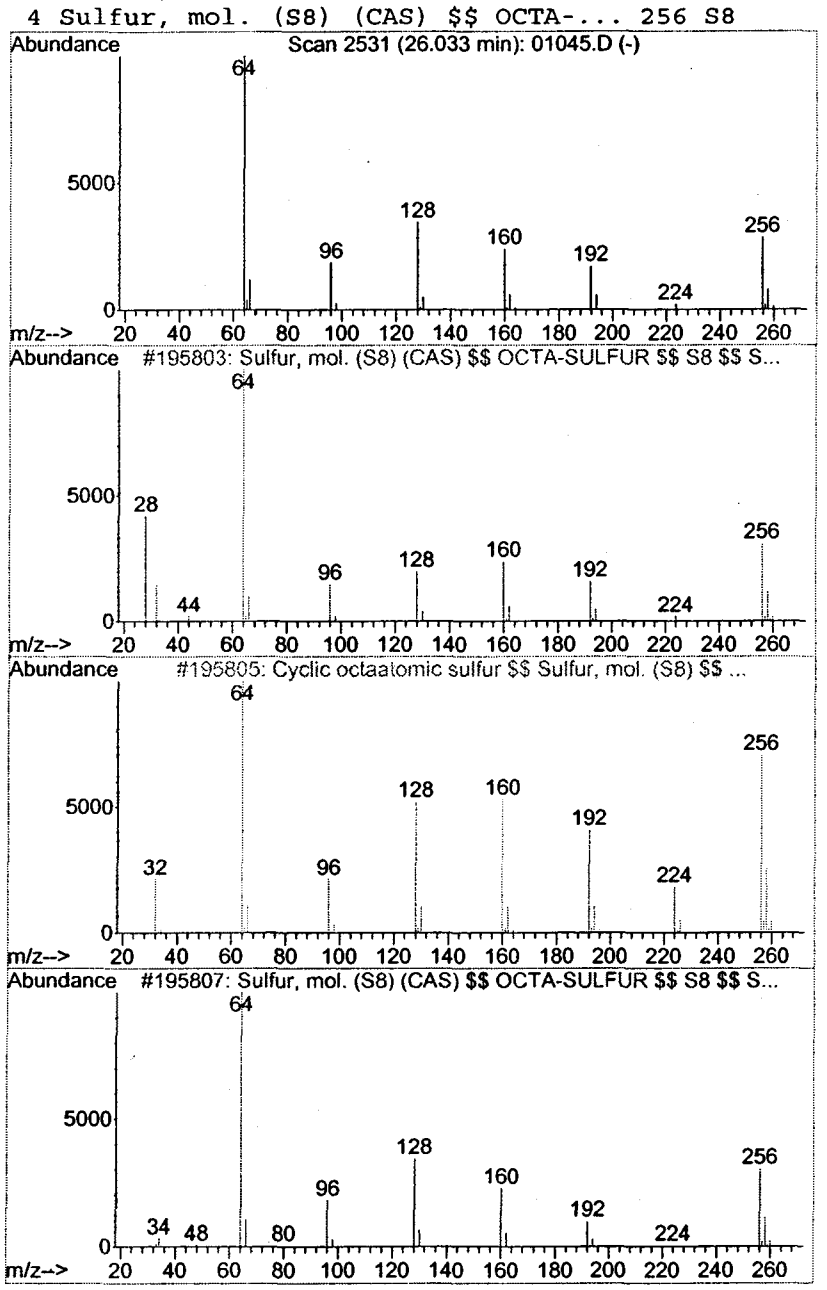
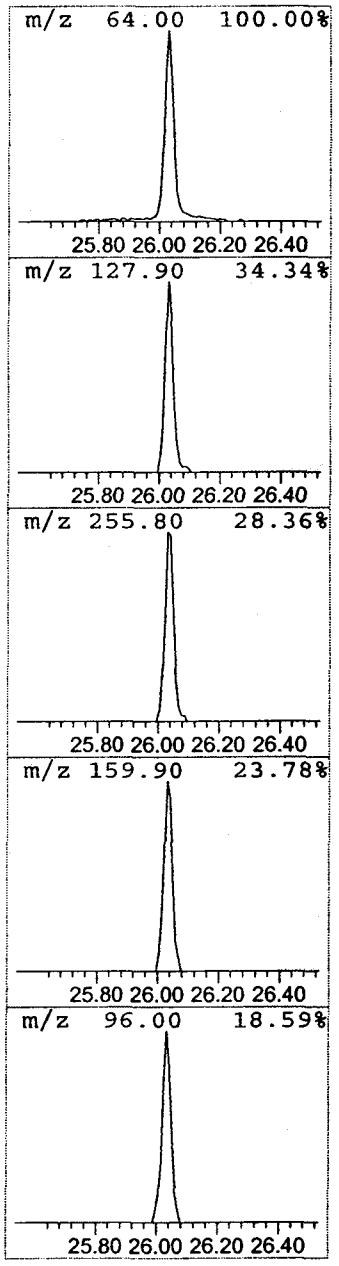
Peak Number 2 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	1.01 ug/L	353990	Phenanthrene-d10	22.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	95
2	Cyclic octaatomic sulfur $$ Sulf...	256	S8	010544-50-0	94
3	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	94
4	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	91





Operator ID: McLean Date Acquired: 28 Feb 2002 6:21 pm
Data File: C:\MSDCHEM\1\DATA\022802\01045.D
Name: GC MS SCAN 2/27
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentasiloxan...	12.08	2.7	ug/L	860517	2	13.05	6403780	20.0
Sulfur, mol. (S8)...	26.03	1.0	ug/L	353990	4	22.52	6993280	20.0