User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 13:48:53

Sample: AE02085
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 13:48 Ended: 3/25/02 13:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]				

Comments for Sample AE02085 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 13:48:58

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\2085.D Vial: 21
Acq On : 20 Mar 2002 5:39 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:32:23 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	1369089	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3745590	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2106430	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3209715	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2796643	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1514677	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	296302	7.74	ug/L	0.00
Spiked Amount 5.000			Recovery = 154.80%			
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	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	0.00	149	0	N.D.		
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	30.92	149	3128	0.03	ug/L	48
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
2085.D 5080302.M Thu Mar 21 06:33:12 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\2085.D Vial: 21
Acq On : 20 Mar 2002 5:39 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:32:23 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

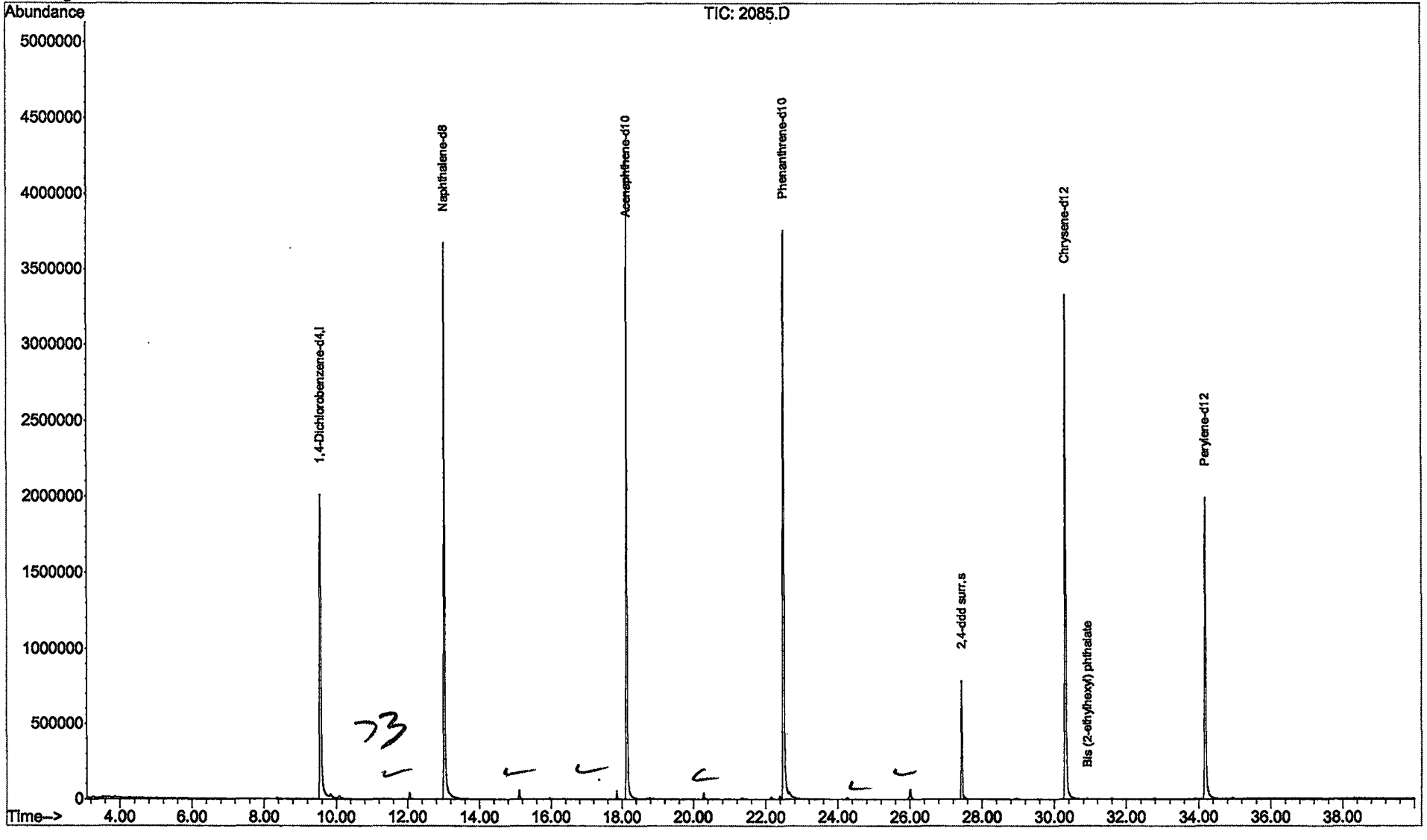
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
2085.D 5080302.M Thu Mar 21 06:33:12 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\2085.D Vial: 21
Acq On : 20 Mar 2002 5:39 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:33 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\2085.D Vial: 21
Acq On : 20 Mar 2002 5:39 am 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

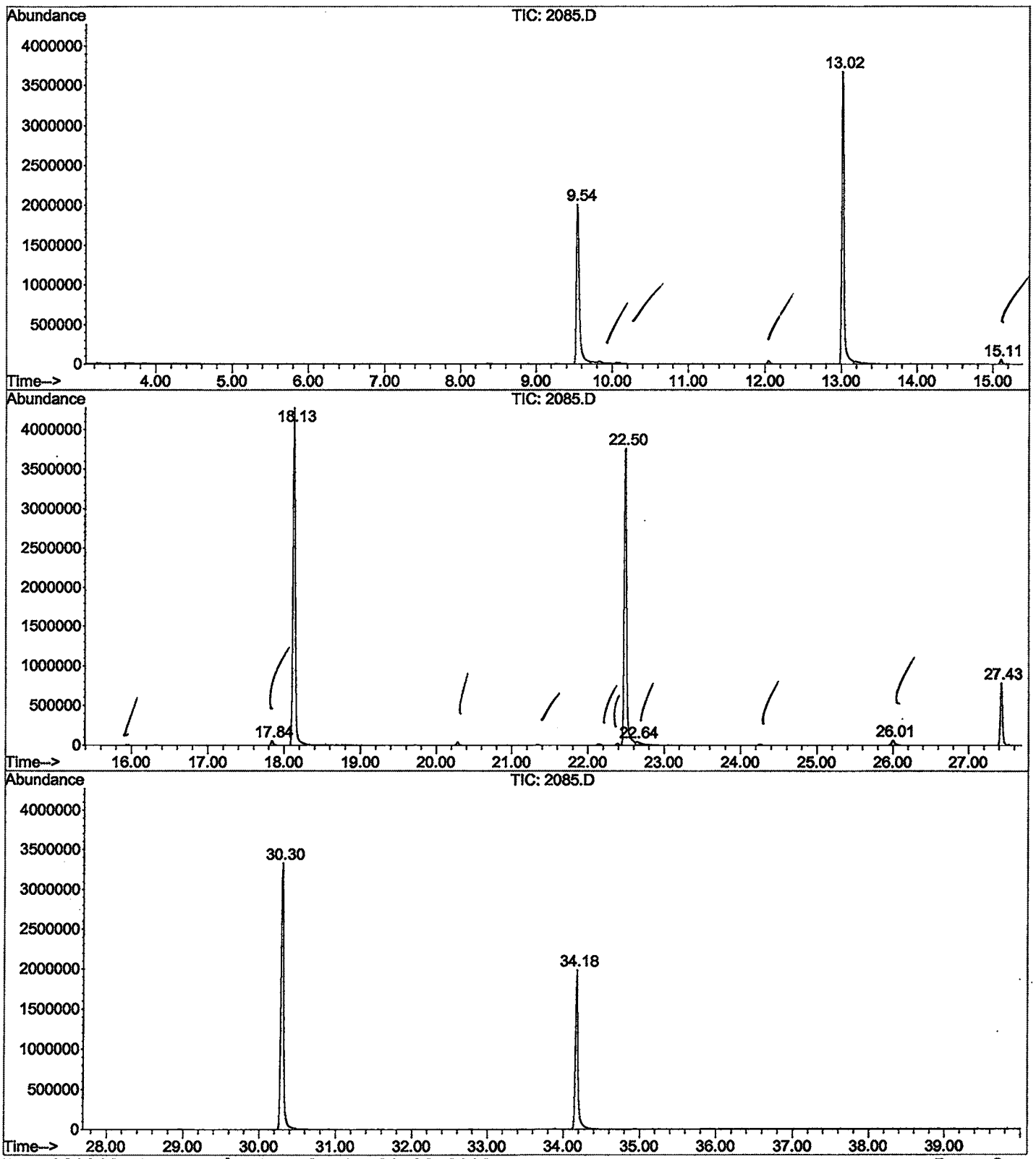
Signal : TIC

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	732	rBV	2010173	5648963	64.06%	12.198%
2	13.017	1091	1096	1112	rBV	3674138	7914570	89.75%	17.091%
3	15.112	1323	1327	1334	rBV2	59262	107309	1.22%	0.232%
4	17.842	1624	1628	1633	rBV2	54432	92543	1.05%	0.200%
5	18.133	1654	1660	1683	rBV	4273586	8818128	100.00%	19.042%
6	22.495	2134	2141	2155	rBV2	3760793	8808385	99.89%	19.021%
7	22.641	2155	2157	2170	rVB	37710	139223	1.58%	0.301%
8	26.006	2520	2528	2538	rBV3	64041	184732	2.09%	0.399%
9	27.430	2680	2685	2692	rBV	787384	1541073	17.48%	3.328%
10	30.305	2995	3002	3025	rBV2	3329481	8133033	92.23%	17.562%
11	34.178	3422	3429	3452	rBV	1987949	4921747	55.81%	10.628%

Sum of corrected areas: 46309706

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\2085.D
Operator : McLean
Acquired : 20 Mar 2002 5:39 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 3/1
Misc Info :
Vial Number: 21
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\2085.D Vial: 21
Acq On : 20 Mar 2002 5:39 am Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

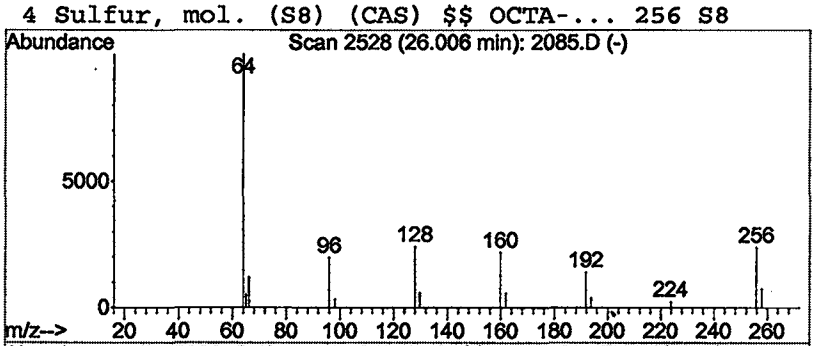
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

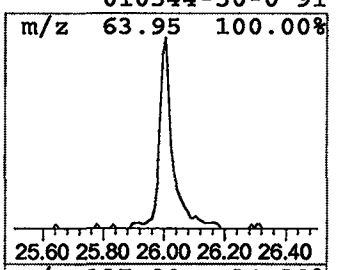
****

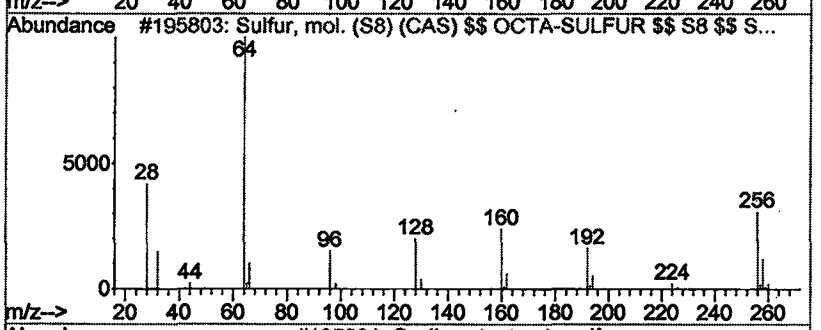
Peak Number 1 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 1

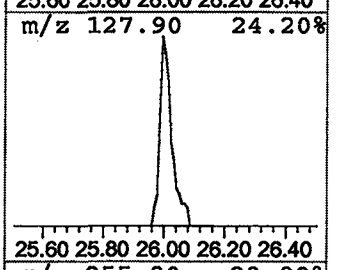
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.42 ug/L	184732	Phenanthrene-d10	22.50

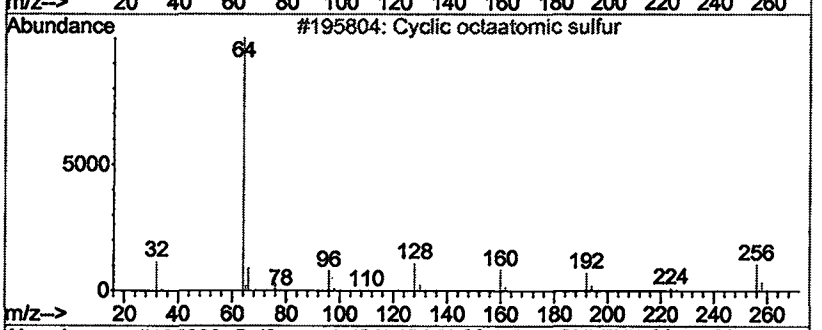
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	94
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	91
3	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	91
4	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	91

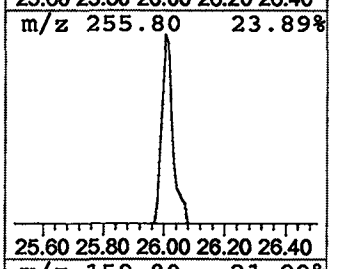


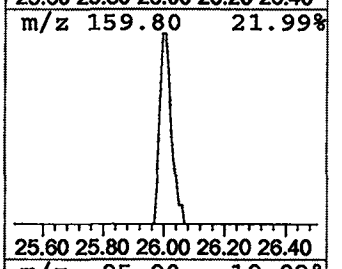


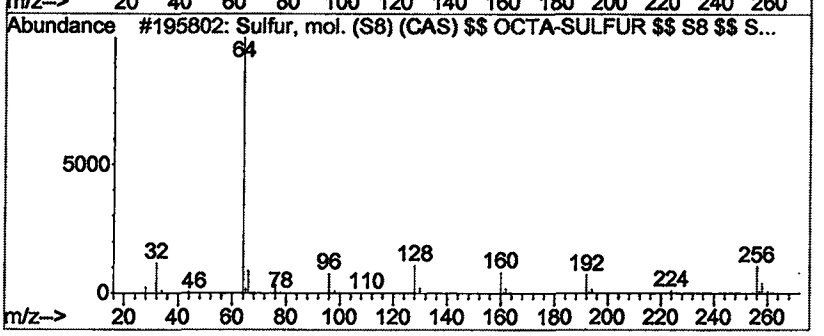


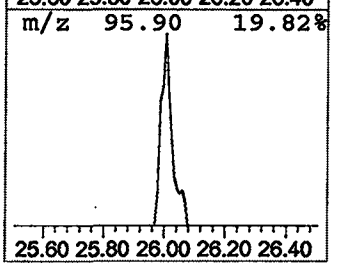












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 20 Mar 2002 5:39 am
Data File: C:\MSDCHEM\1\DATA\031902\2085.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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur, mol. (S8)...	26.01	0.4	ug/L	184732	4	22.50	8808390	20.0