User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 18:21:15

Sample: AE03178
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 18:21 Ended: 3/22/02 18:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2					

Comments for Sample AE03178 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 18:21:18

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031802\3178.D Vial: 10
Acq On : 19 Mar 2002 9:33 am Operator: McLean
Sample : GC/MS SCAN 3/6 FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:34:57 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	9.55	150	1183831	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3344191	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1829898	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2785966	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2523319	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1330932	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	217914	6.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 131.20%			
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	18.13	165	232581	10.96	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	24.65	149	21767	0.15	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	2878	0.03	ug/L	48
43) Chrysene	30.30	228	5382	0.04	ug/L	44
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

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Misc : Multiplr: 1.00
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Quant Time: Mar 19 21:34:57 2002 Quant Results File: 5080302.RES

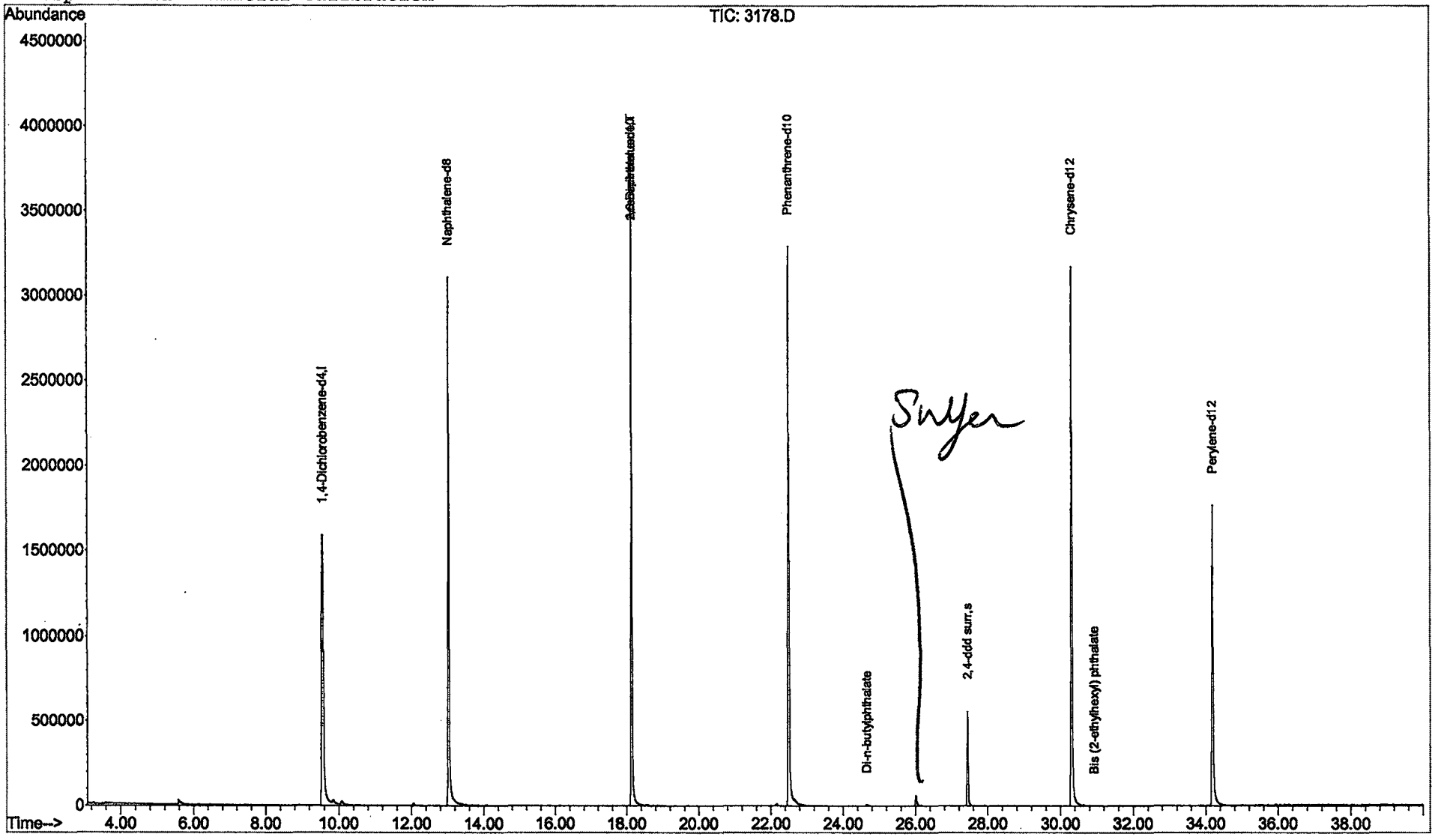
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
3178.D 5080302.M Tue Mar 19 21:35:26 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031802\3178.D Vial: 10
Acq On : 19 Mar 2002 9:33 am Operator: McLean
Sample : GC/MS SCAN 3/6 FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 19 21:35 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\031802\3178.D Vial: 10
Acq On : 19 Mar 2002 9:33 am Operator: McLean
Sample : GC/MS SCAN 3/6 FB 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

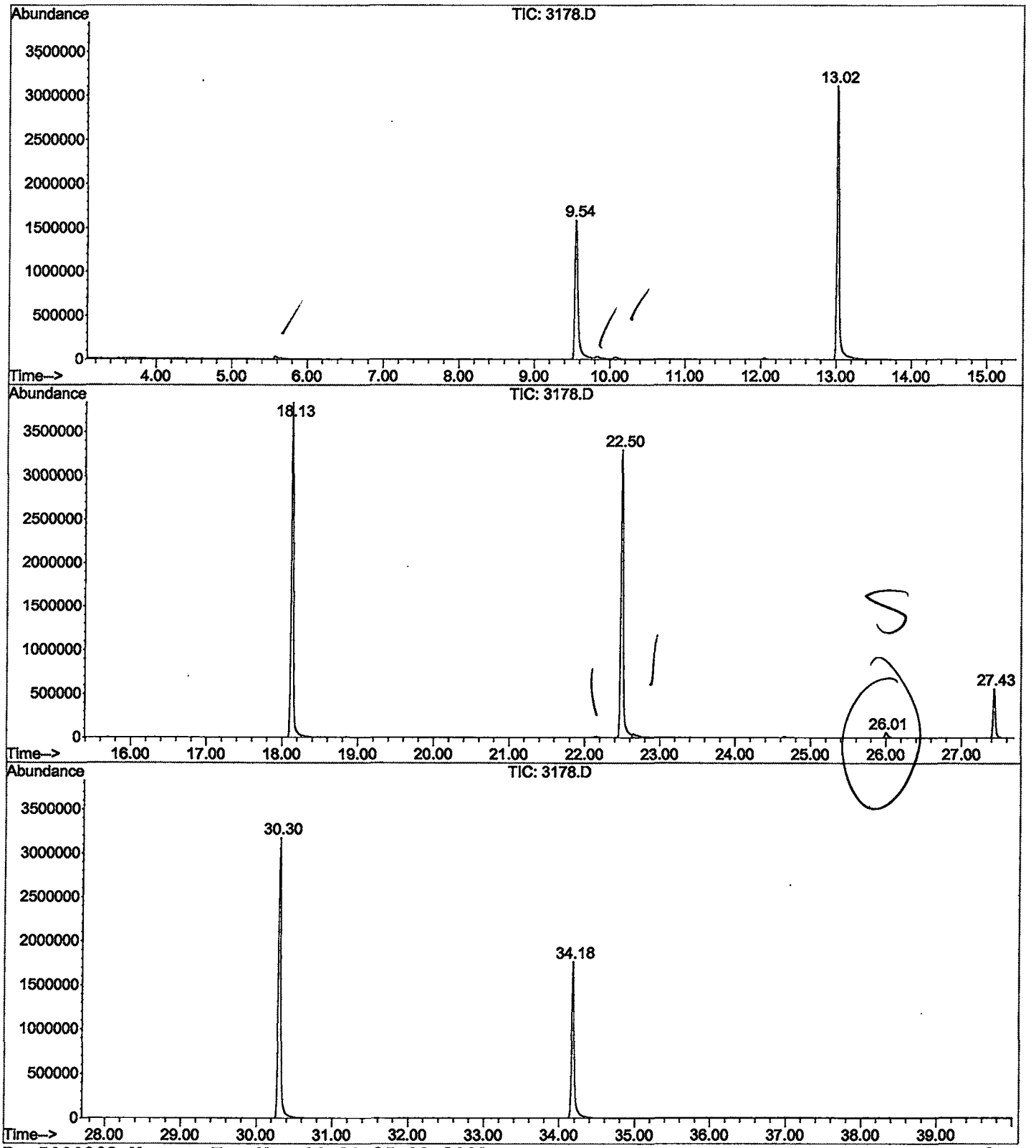
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	708	713	737	rBV	1588270	4927255	64.28%	12.294%
2	13.017	1091	1096	1119	rBV	3110679	7042240	91.87%	17.572%
3	18.133	1654	1660	1674	rBV	3830879	7526736	98.19%	18.780%
4	22.495	2135	2141	2156	rBV2	3291588	7665689	100.00%	19.127%
5	26.005	2523	2528	2540	rVB2	59857	155094	2.02%	0.387%
6	27.430	2681	2685	2695	rBV	558556	1129086	14.73%	2.817%
7	30.305	2996	3002	3029	rBV2	3172250	7312129	95.39%	18.245%
8	34.178	3422	3429	3446	rBV	1765801	4319193	56.34%	10.777%

Sum of corrected areas: 40077422

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031802\3178.D
Operator : McLean
Acquired : 19 Mar 2002 9:33 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: GC/MS SCAN 3/6 FB
Misc Info :
Vial Number: 10
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031802\3178.D Vial: 10
Acq On : 19 Mar 2002 9:33 am Operator: McLean
Sample : GC/MS SCAN 3/6 FB Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

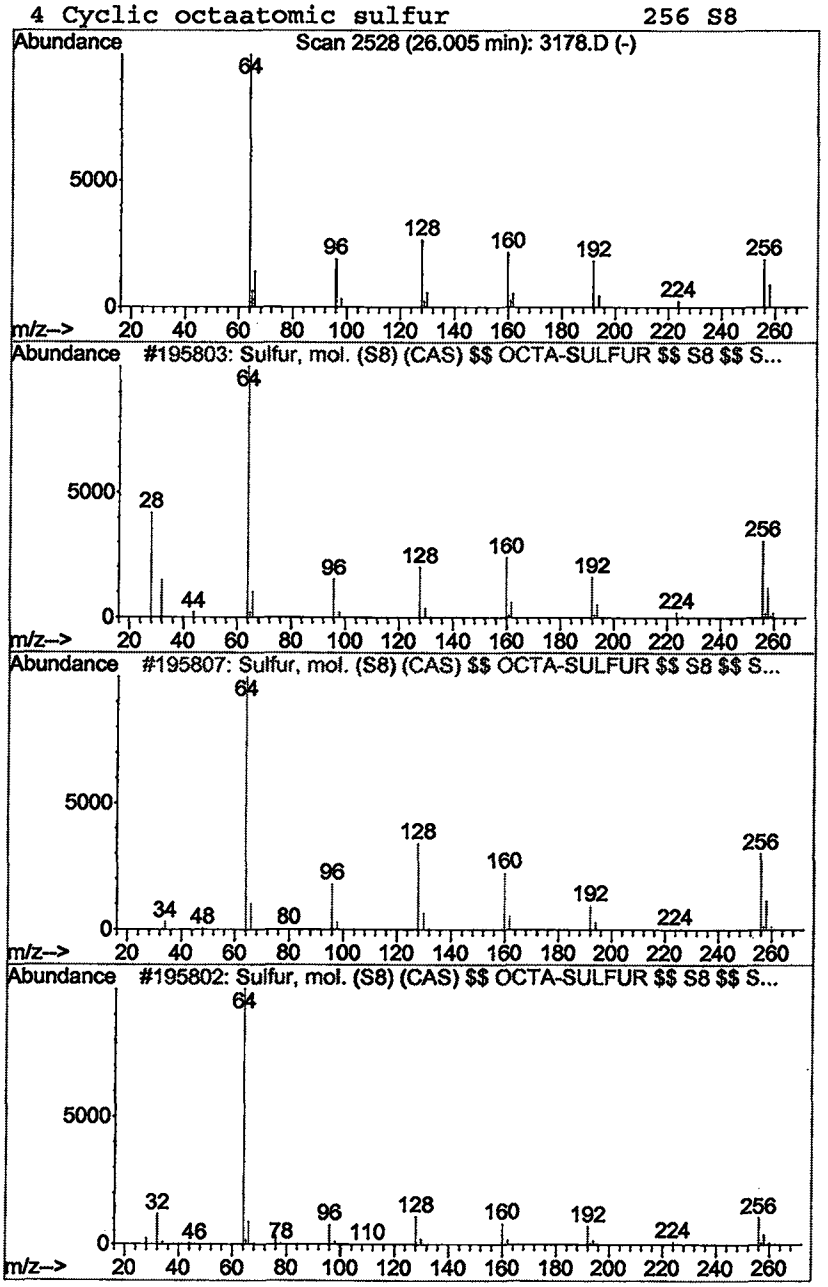
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

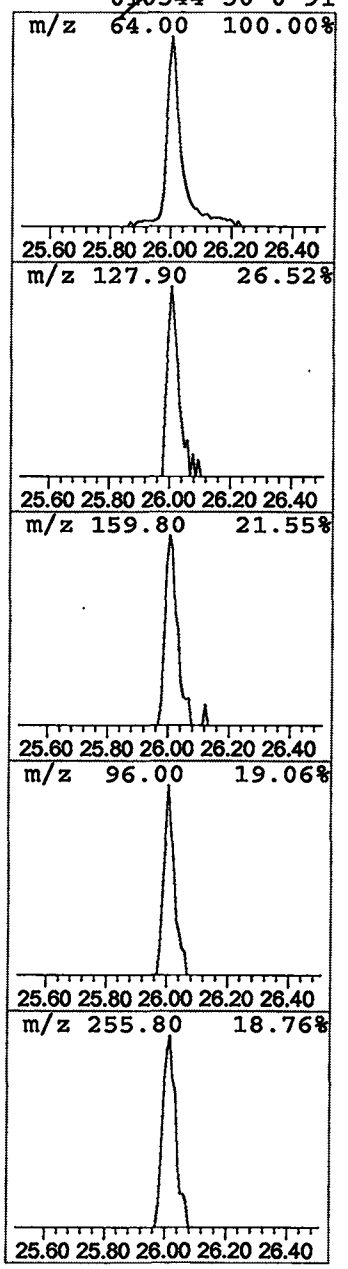
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.40 ug/L	155094	Phenanthrene-d10	22.50

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





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 19 Mar 2002 9:33 am
Data File: C:\MSDCHEM\1\DATA\031802\3178.D
Name: GC/MS SCAN 3/6 FB
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	155094	4	22.50	7665690	20.0