User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 13:53:45

Sample: AE04385
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 13:52 Ended: 3/25/02 13:52 Analyst: DLV
Page: 1

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

2/27/02
Wagner
NYC DEP

Cas Left

Comments for Sample AE04385 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 13:55:01

The GCMS scan, from 35 to 550 amu, reveals the presence of 1-(2-Nitroethenyl)azulene at an estimated level of 3.0 ug/L and with a fit of 40 out of 100. 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\4385.D Vial: 28
Acq On : 20 Mar 2002 12:59 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 06:37:11 2002 Quant Results File: 5080302.RES

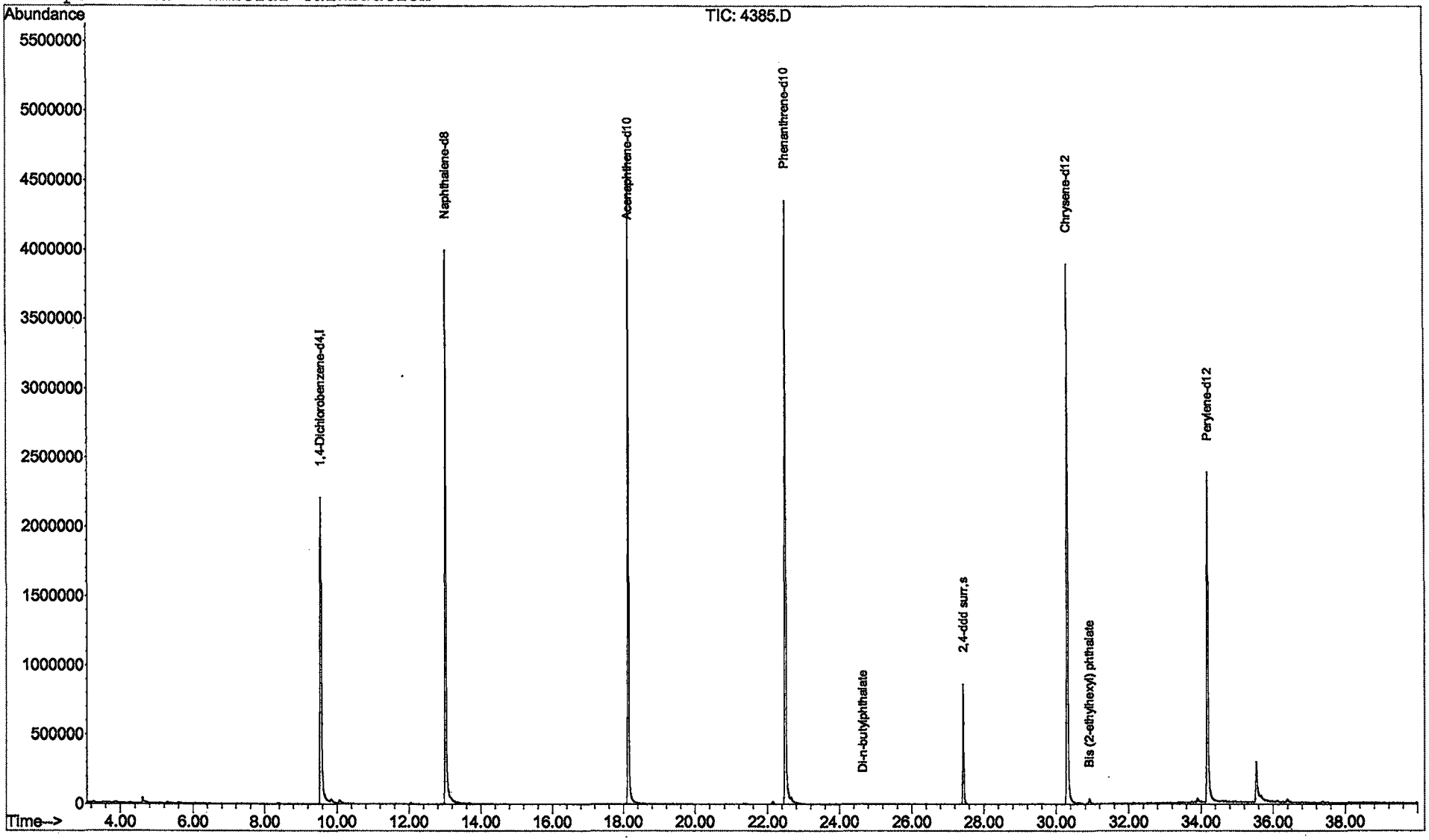
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1505183	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4149844	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2310403	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3557835	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3290783	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1841363	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	313518	7.39	ug/L	0.00
Spiked Amount 5.000			Recovery = 147.80%			
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	24.65	149	2864	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	24706	0.19	ug/L	83
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

Data File : C:\MSDCHEM\1\DATA\031902\4385.D Vial: 28
Acq On : 20 Mar 2002 12:59 pm Operator: McLean
Sample : RE-INJ 3/1 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 6:37 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\4385.D Vial: 28
Acq On : 20 Mar 2002 12:59 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

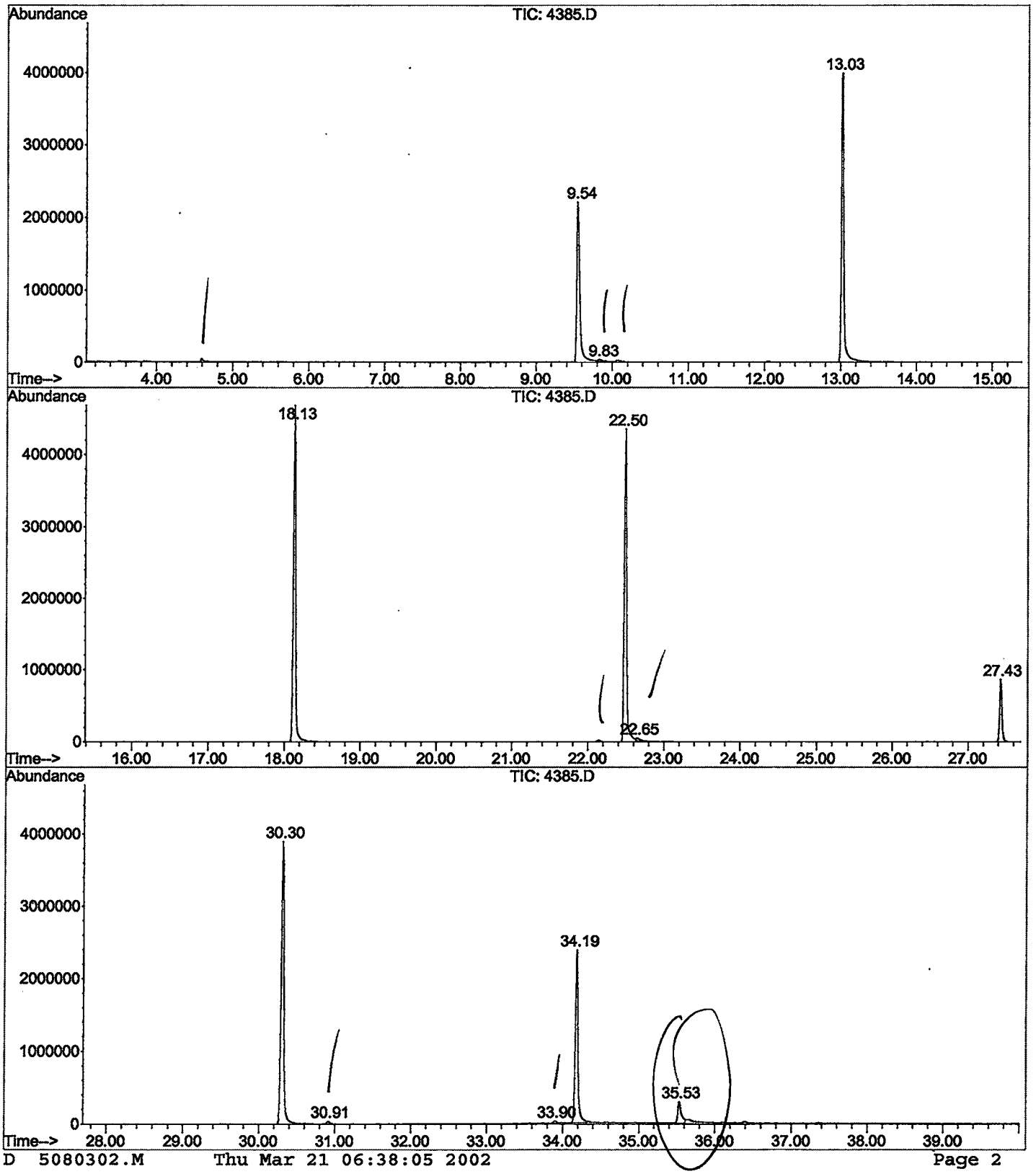
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	708	713	741	rBV	2208852	6396392	65.45%	11.961%
2	9.833	741	745	757	rVB5	25955	114158	1.17%	0.213%
3	13.026	1091	1097	1118	rBV	3995728	8867523	90.74%	16.582%
4	18.133	1654	1660	1680	rBV	4684202	9589663	98.13%	17.932%
5	22.495	2135	2141	2156	rBV2	4355065	9772596	100.00%	18.274%
6	22.650	2156	2158	2172	rVB3	42872	147660	1.51%	0.276%
7	27.430	2680	2685	2696	rBV	865250	1686690	17.26%	3.154%
8	30.305	2995	3002	3027	rBV2	3895761	9592910	98.16%	17.938%
9	30.913	3065	3069	3078	rBV	38141	98122	1.00%	0.183%
10	33.897	3393	3398	3406	rBV5	29885	100005	1.02%	0.187%
11	34.187	3423	3430	3445	rBV	2378884	6172677	63.16%	11.542%
12	35.529	3571	3578	3587	rBV2	291769	939521	9.61%	1.757%

Sum of corrected areas: 53477917

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\4385.D
Operator : McLean
Acquired : 20 Mar 2002 12:59 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 3/1
Misc Info :
Vial Number: 28
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\4385.D Vial: 28
Acq On : 20 Mar 2002 12:59 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

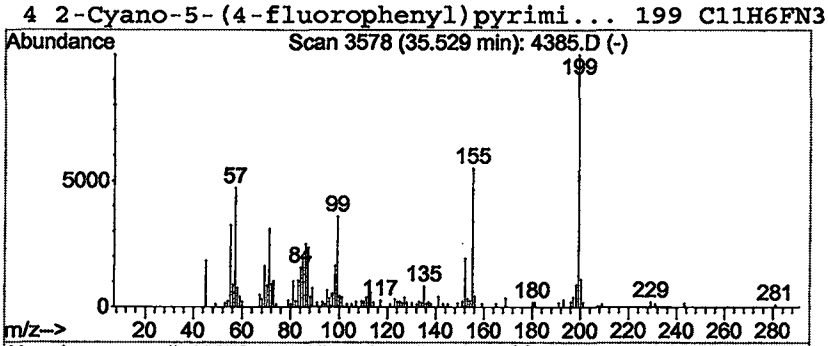
****

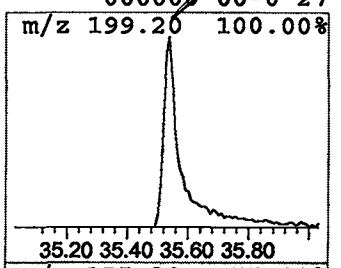
Peak Number 1 1-(2-Nitroethenyl)azulene $... Concentration Rank 1

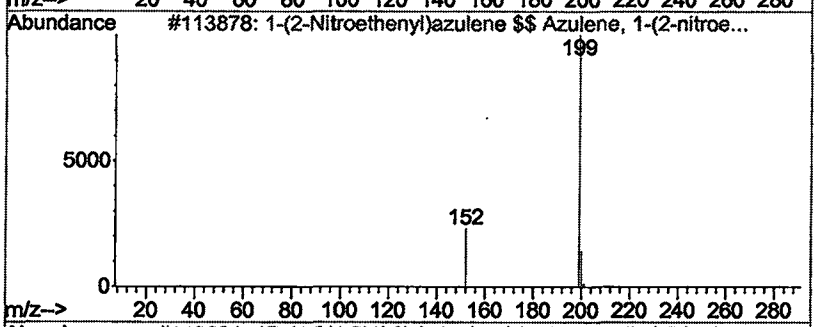
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.53	3.04 ug/L	939521	Perylene-d12	34.18

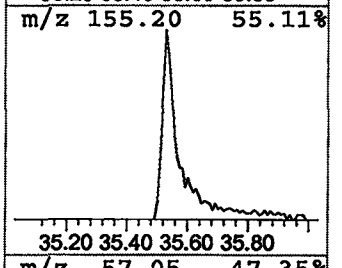
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Nitroethenyl)azulene $$ Azu...	199	C12H9NO2	096995-27-6	40
2	1D-(1,2/4,5)1',2'-Anhydro-1-hydr...	199	C10H17NO3	073111-82-7	38
3	Phenothiazine $$ 10H-Phenothiazi...	199	C12H9NS	000092-84-2	38
4	2-Cyano-5-(4-fluorophenyl)pyrimi...	199	C11H6FN3	000000-00-0	27

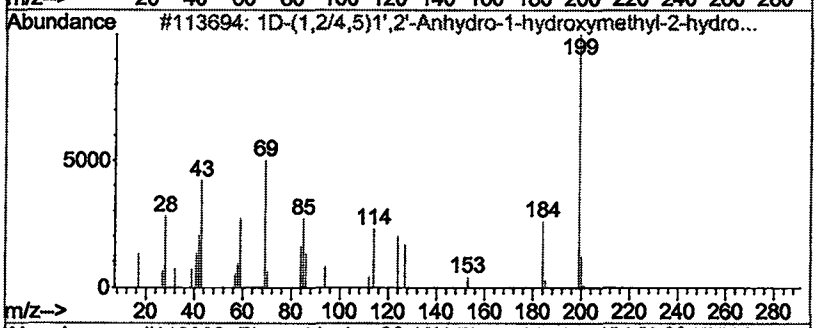
repeated

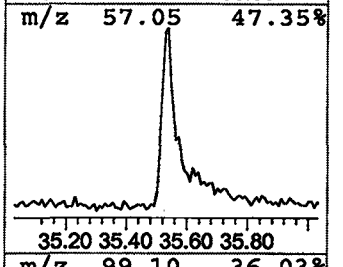


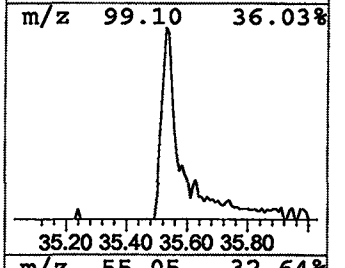


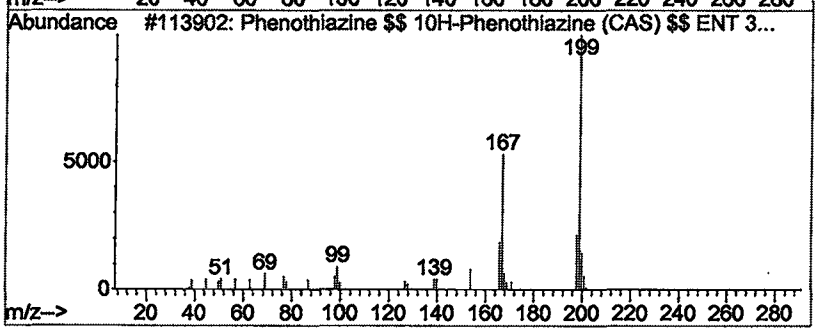


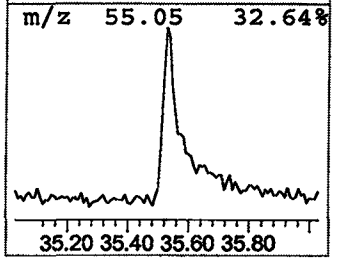












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 20 Mar 2002 12:59 pm
Data File: C:\MSDCHEM\1\DATA\031902\4385.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
1-(2-Nitroethenyl...	35.53	3.0	ug/L	939521	6	34.18	6172680	20.0