User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:45:14

Sample: AE03260
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:44 Ended: 4/3/02 12:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

Comments for Sample AE03260 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:45:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03260.D Vial: 27
Acq On : 2 Mar 2002 10:25 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:58:56 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	1440025	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3793211	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2113427	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3177889	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	2871617	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1868733	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	196719	3.90	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.00%			
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	65277	0.31	ug/L	92
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	30.32	228	7443	N.D.		
42) Bis (2-ethylhexyl) phthala	30.94	149	3889	N.D.		
43) Chrysene	30.32	228	7443	N.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
03260.D 5080202.M Wed Apr 03 05:59:10 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03260.D Vial: 27
Acq On : 2 Mar 2002 10:25 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 03 05:58:56 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

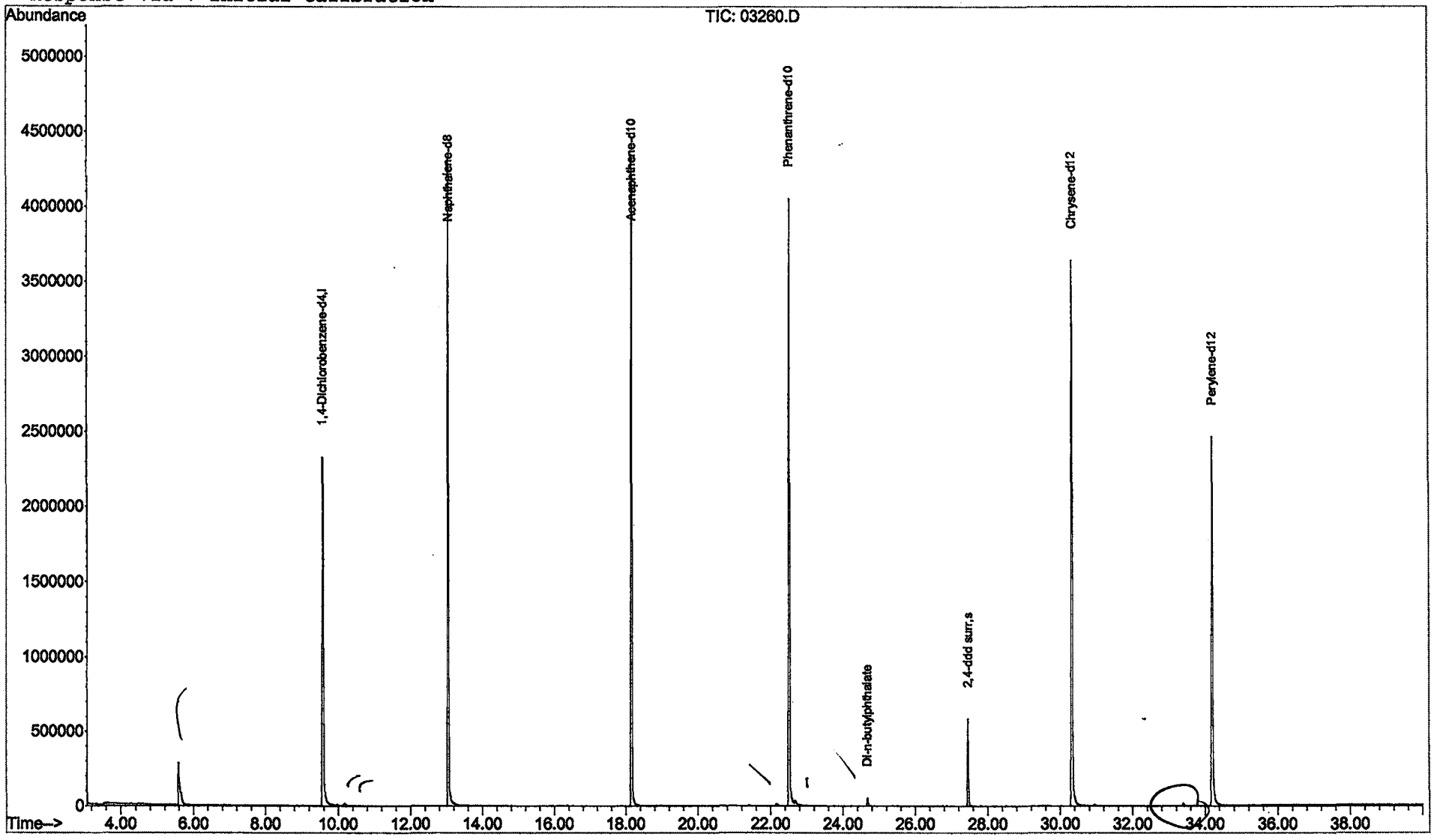
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	34.21	252	7789	N.D.	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
03260.D 5080202.M Wed Apr 03 05:59:10 2002 Page 2

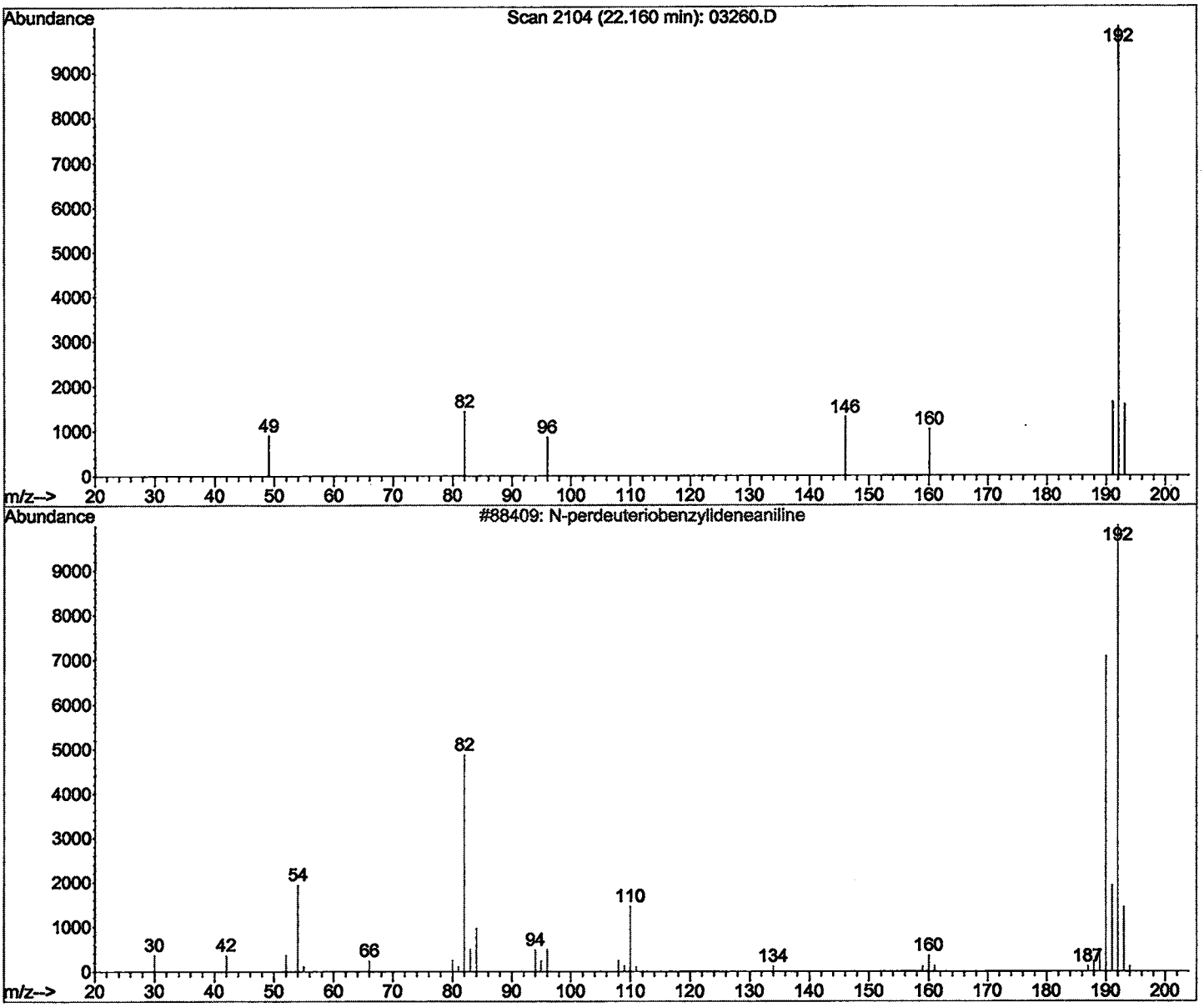
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03260.D Vial: 27
Acq On : 2 Mar 2002 10:25 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 3 5:59 2002 Quant Results File: 5080202.RES

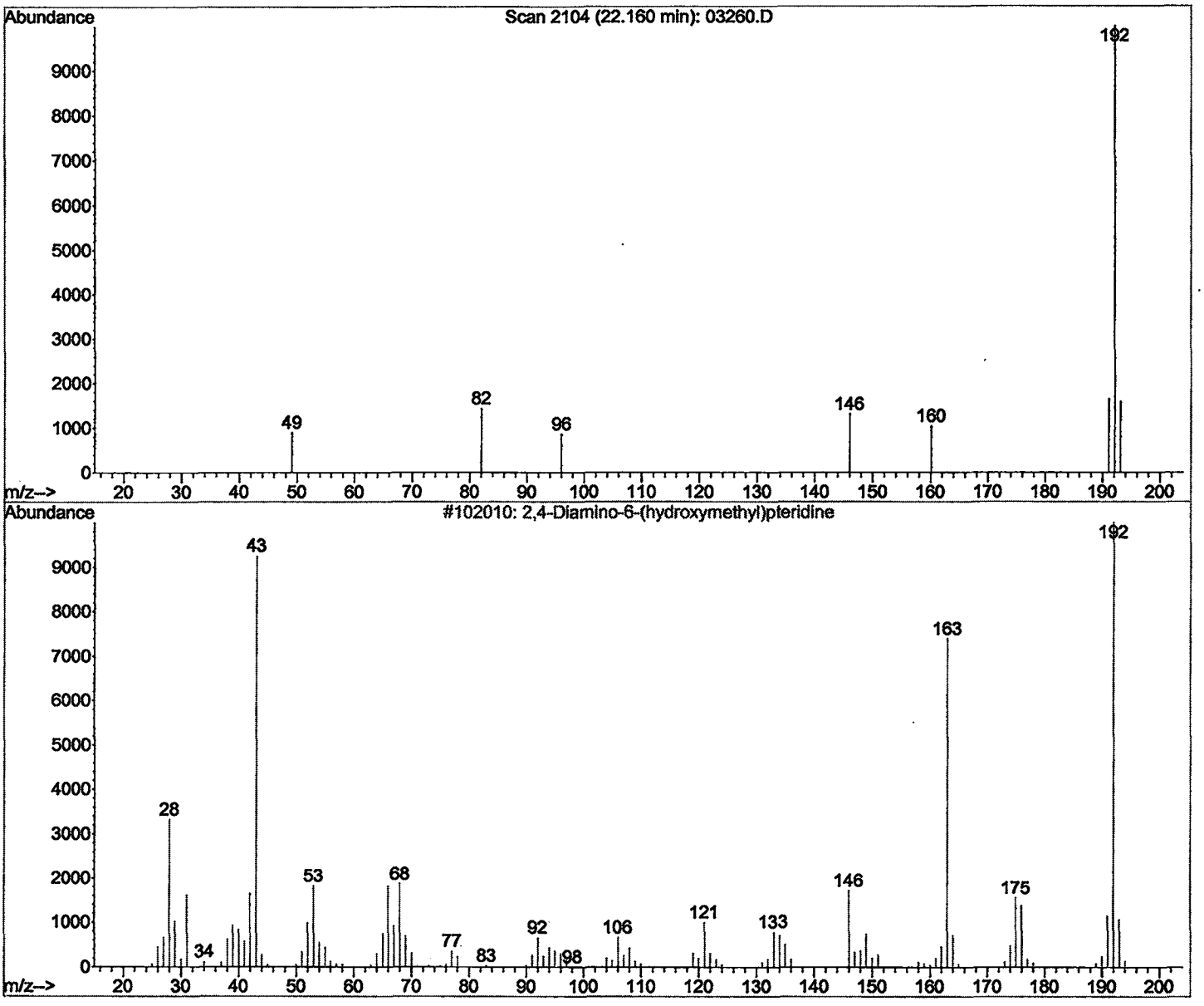
Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



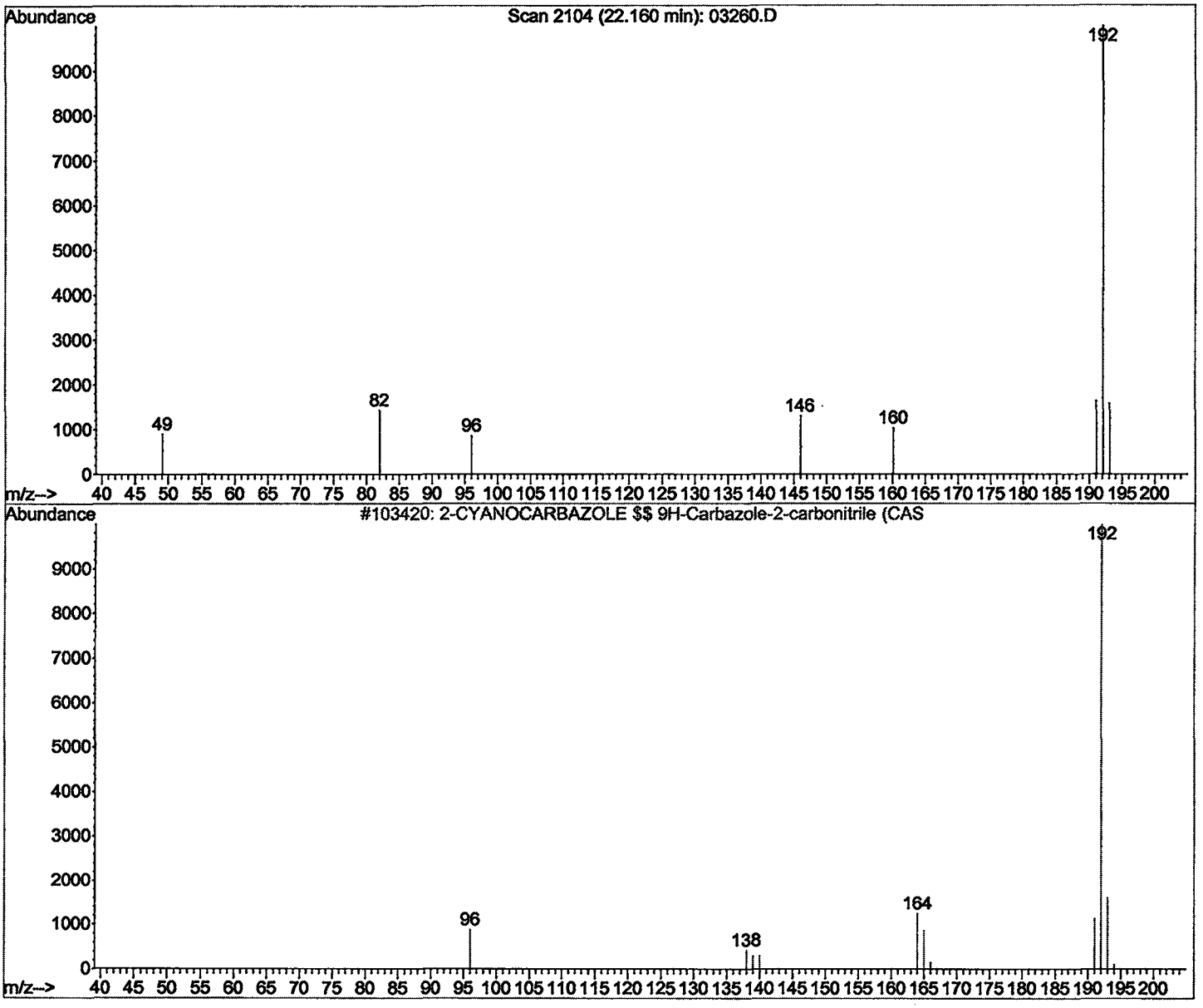
Library Searched : C:\Database\wiley7n.l
Quality : 80
ID : N-perdeuteriobenzylideneaniline



Library Searched : C:\Database\wiley7n.l
Quality : 64
ID : 2,4-Diamino-6-(hydroxymethyl)pteridine



Library Searched : C:\Database\wiley7n.l
Quality : 50
ID : 2-CYANOCARBAZOLE $$ 9H-Carbazole-2-carbonitrile (CAS)



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03260.D Vial: 27
Acq On : 2 Mar 2002 10:25 am Operator: McLean
Sample : 2/13/02 GC SCAN 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

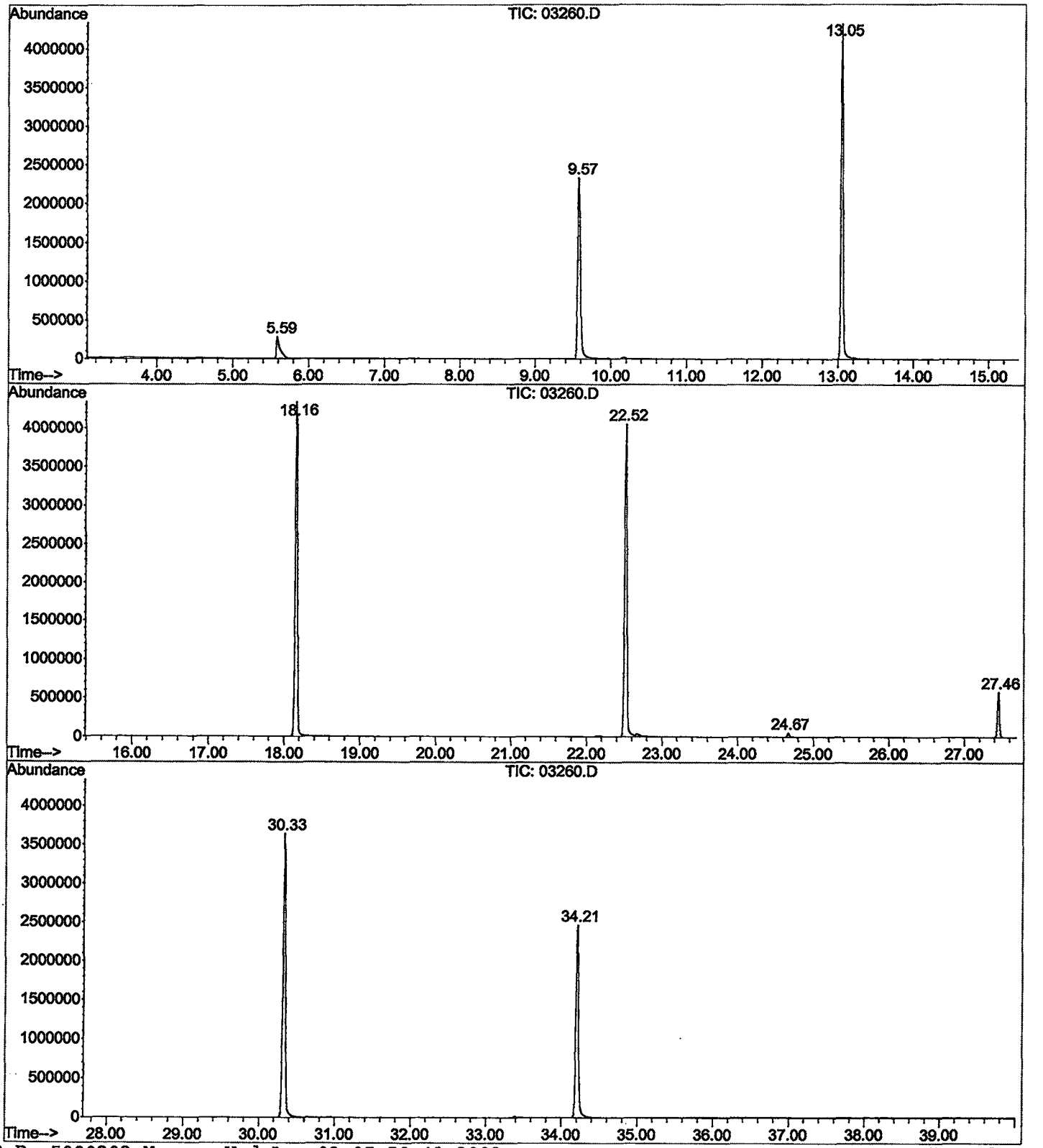
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.588	274	277	297	rBV	281555	913127	10.47%	1.892%
2	9.570	711	716	742	rBV	2328431	6062691	69.52%	12.561%
3	13.053	1094	1100	1116	rBV	4314328	8190806	93.92%	16.970%
4	18.160	1657	1663	1677	rBV	4340115	8721127	100.00%	18.068%
5	22.522	2138	2144	2158	rBV2	4055118	8708922	99.86%	18.043%
6	24.672	2376	2381	2390	rBV	53851	102662	1.18%	0.213%
7	27.457	2683	2688	2696	rBV	582874	1036266	11.88%	2.147%
8	30.332	2998	3005	3025	rBV2	3640154	8421895	96.57%	17.449%
9	34.214	3425	3433	3448	rBV	2464193	6109589	70.06%	12.658%

Sum of corrected areas: 48267085

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03260.D
Operator : McLean
Acquired : 2 Mar 2002 10:25 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 27
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03260.D Vial: 27
Acq On : 2 Mar 2002 10:25 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

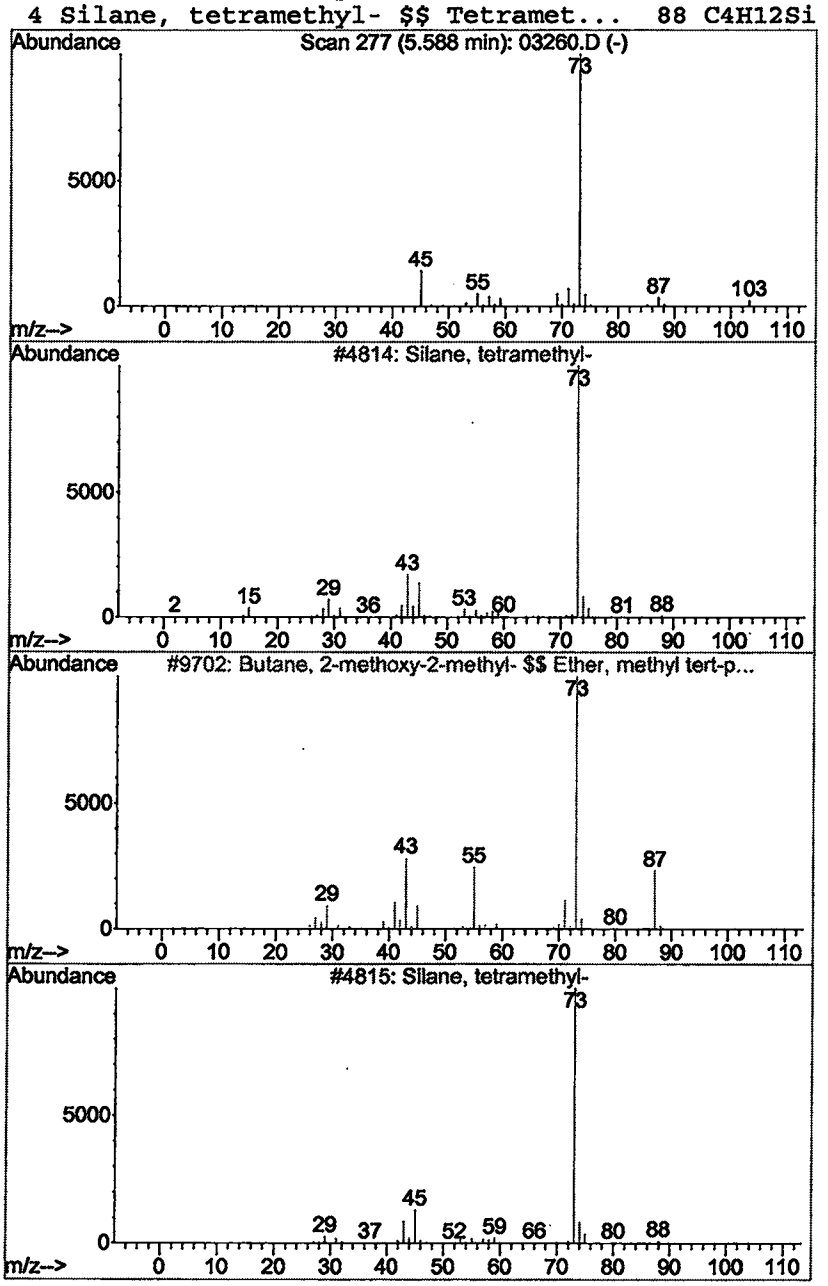
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

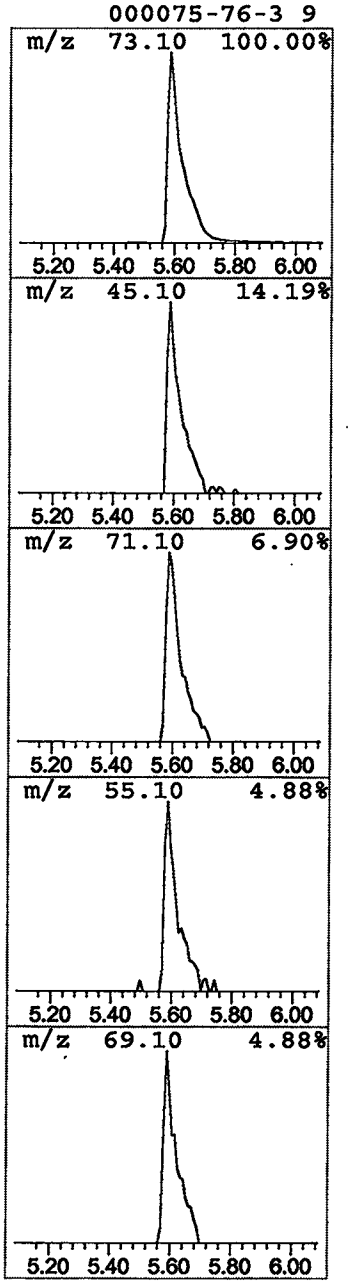
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	3.01 ug/L	913127	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	52
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 10:25 am
Data File: C:\MSDCHEM\1\DATA\022802\03260.D
Name: 2/13/02 GC SCAN
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
Silane, tetramethyl-	5.59	3.0	ug/L	913127	1	9.58	6062690	20.0