Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:40:36 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

Original run low surr will be re-ext

this be may a copy

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1451022	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3868061	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2146836	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3336989	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3106407	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	2040749	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	181462	3.43	ug/L	0.00
Spiked Amount 5.000			Recovery =	68.60%		
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	0.00	149	0	N.D. 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	30.94	149	3927	0.03	ug/L	73
43) Chrysene	30.34	228	8723	0.04	ug/L	58
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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:40:36 2002 Quant Results File: 5080202.RES

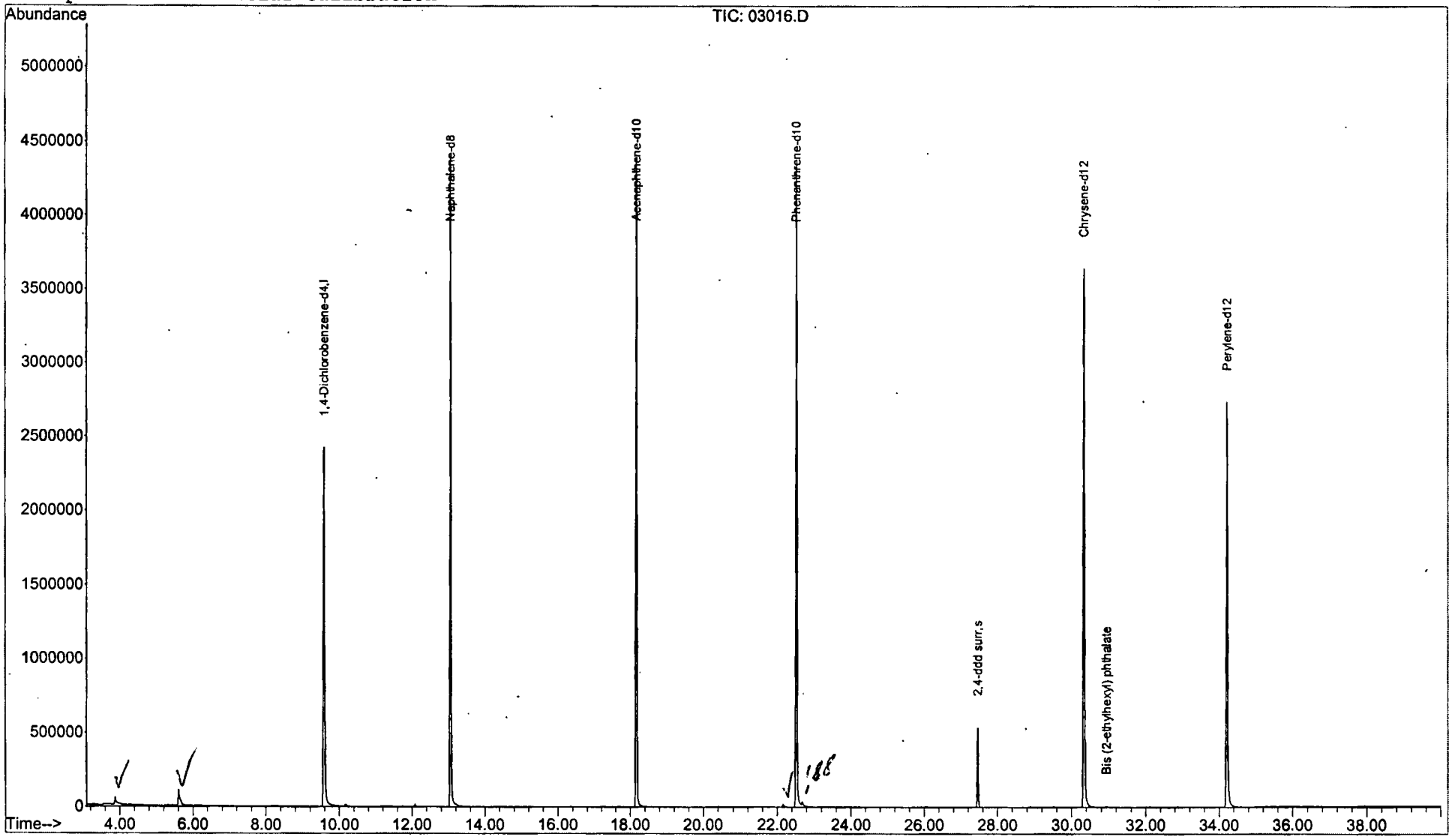
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
03016.D 032802.M Tue Apr 02 07:01:30 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 4 5:41 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\032802.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Apr 02 06:51:04 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\032802.M (RTE Integrator)
Title : Quantitation For Method 525.2
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

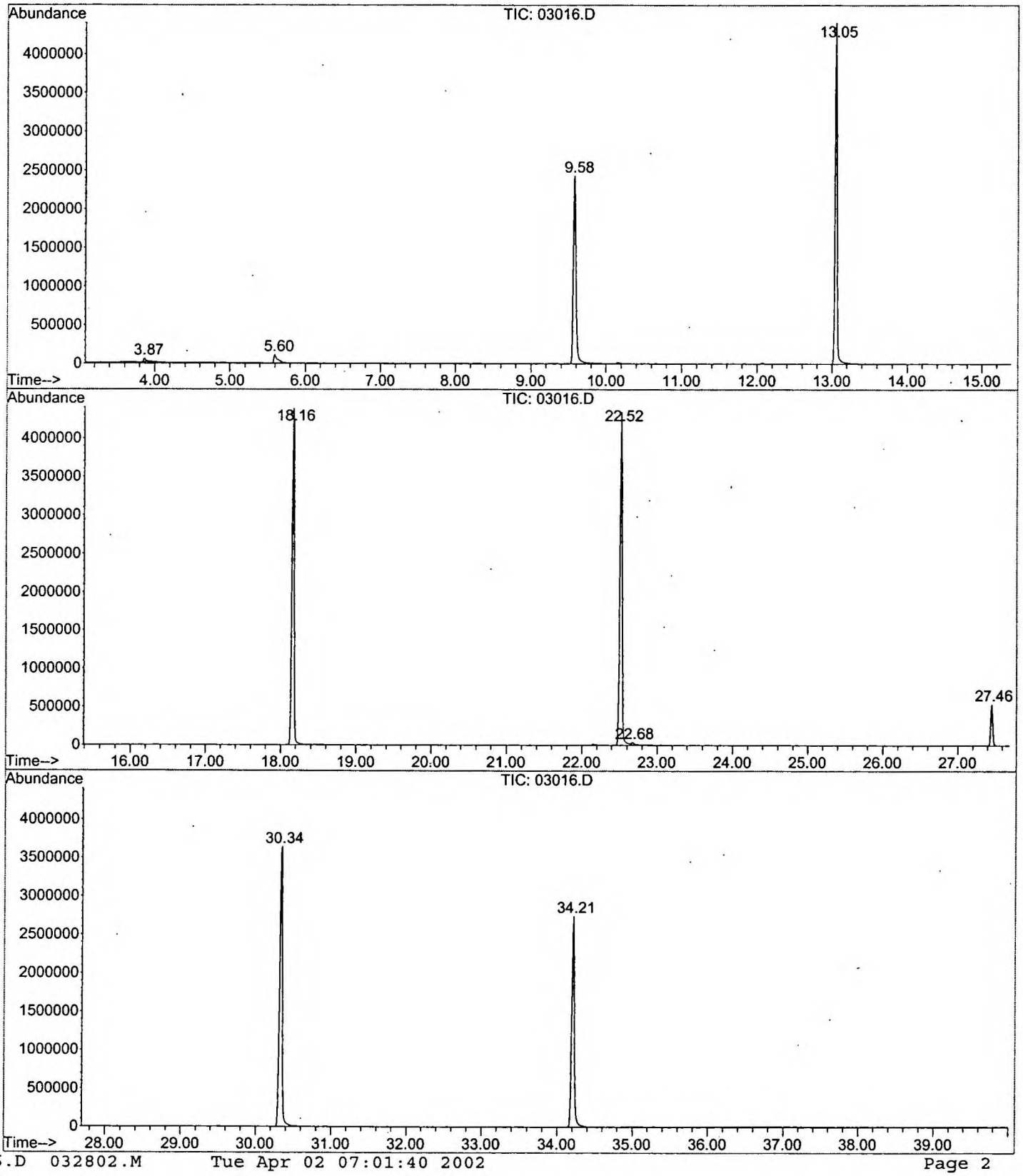
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.865	84	87	94	rBV	45049	103229	1.13%	0.208%
2	5.597	275	278	289	rBV	104992	333805	3.65%	0.671%
3	9.579	711	717	733	rBV	2423141	6107668	66.73%	12.278%
4	13.053	1094	1100	1114	rBV	4401524	8354559	91.28%	16.795%
5	18.160	1657	1663	1680	rBV	4381925	8923594	97.50%	17.939%
6	22.523	2137	2144	2158	rBV2	4339863	9152728	100.00%	18.399%
7	22.677	2158	2161	2171	rVB3	32352	97016	1.06%	0.195%
8	27.457	2683	2688	2696	rBV	535730	972243	10.62%	1.954%
9	30.341	2998	3006	3024	rBV2	3638803	9038169	98.75%	18.169%
10	34.214	3425	3433	3447	rBV	2737935	6661700	72.78%	13.392%

Sum of corrected areas: 49744711

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03016.D
Operator : McLean
Acquired : 1 Mar 2002 6:56 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/12/02 GC SCAN
Misc Info :
Vial Number: 9
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

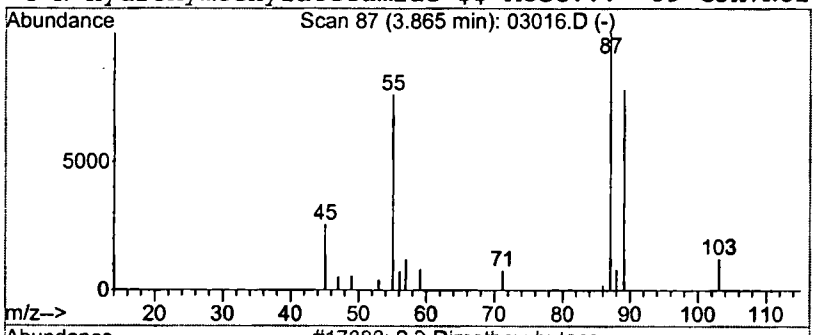
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

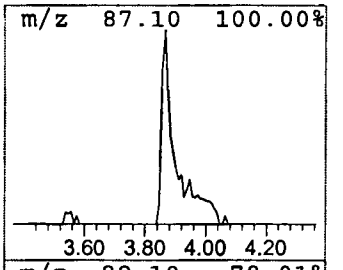
****

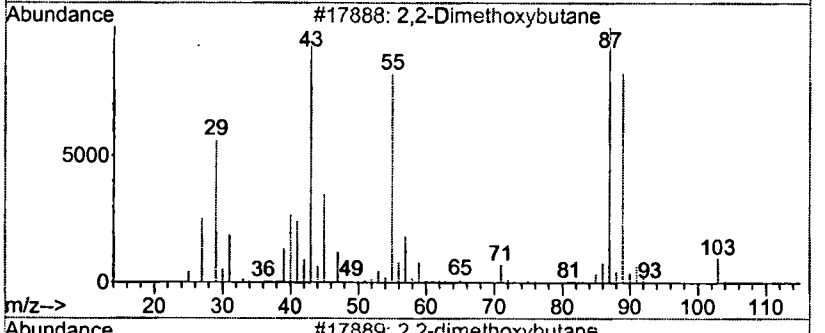
Peak Number 1 2,2-Dimethoxybutane Concentration Rank 2

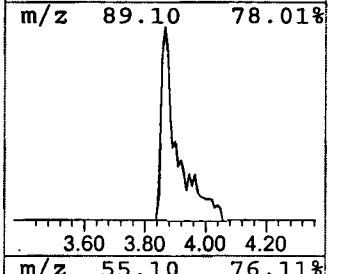
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	0.34 ug/L	103229	1,4-Dichlorobenzene-d4	9.58

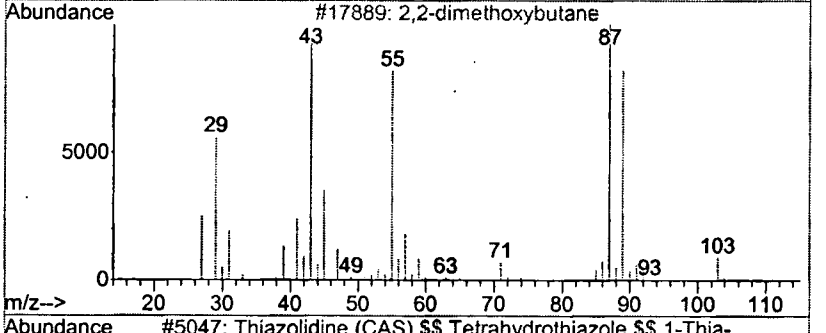
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	78
2	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	64
3	Thiazolidine (CAS) $$ Tetrahydro...	89	C3H7NS	000504-78-9	42
4	N-Hydroxymethylacetamide $$ Acet...	89	C3H7NO2	000625-51-4	9

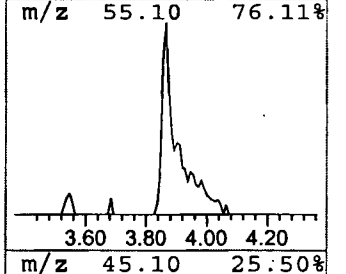


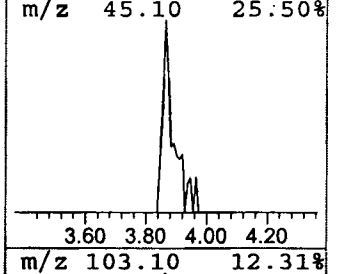


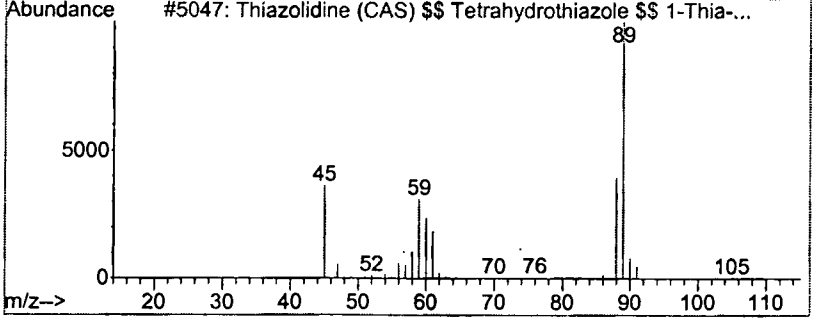


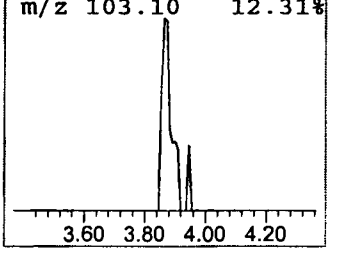












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03016.D Vial: 9
Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

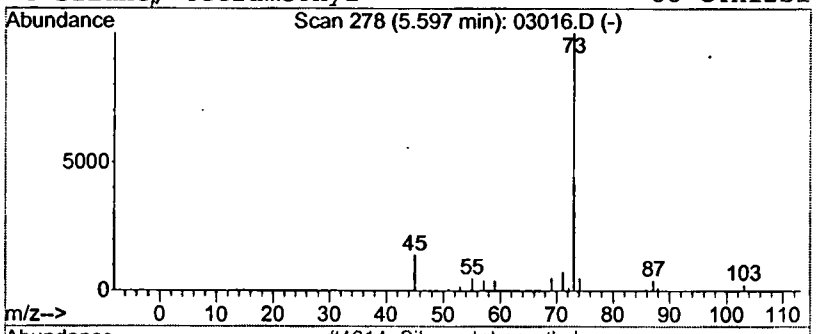
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

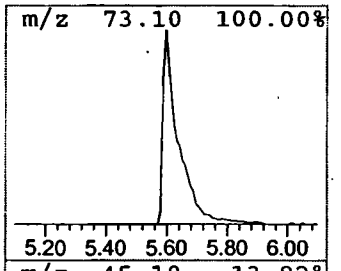
****

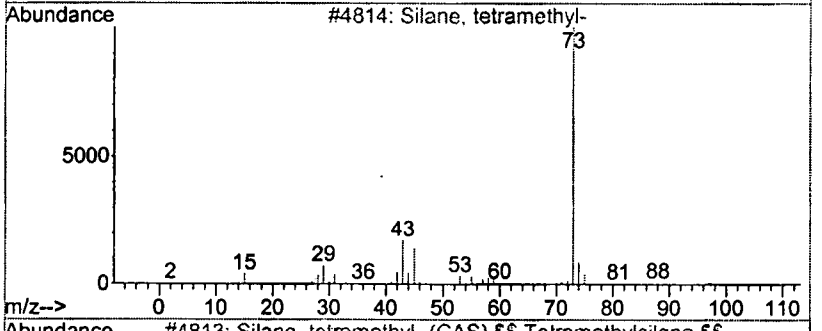
Peak Number 2 Silane, tetramethyl- Concentration Rank 1

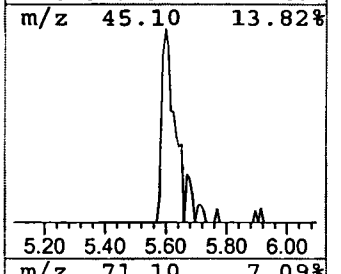
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	1.09 ug/L	333805	1,4-Dichlorobenzene-d4	9.58

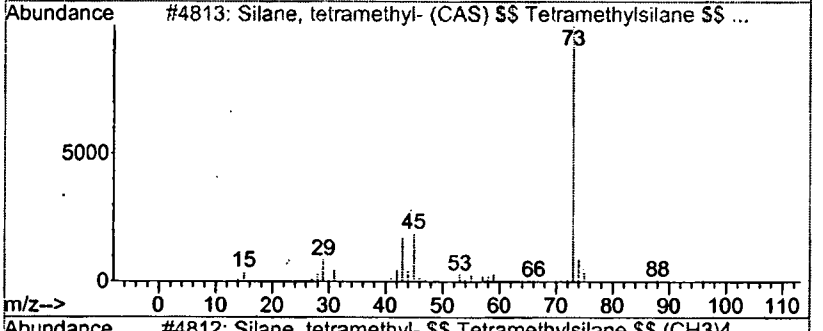
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9

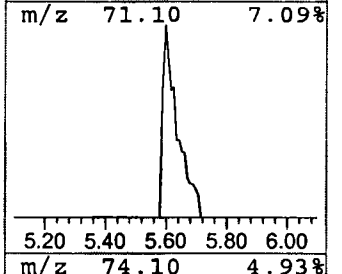


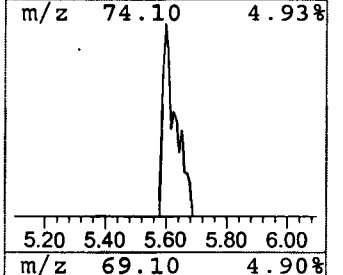


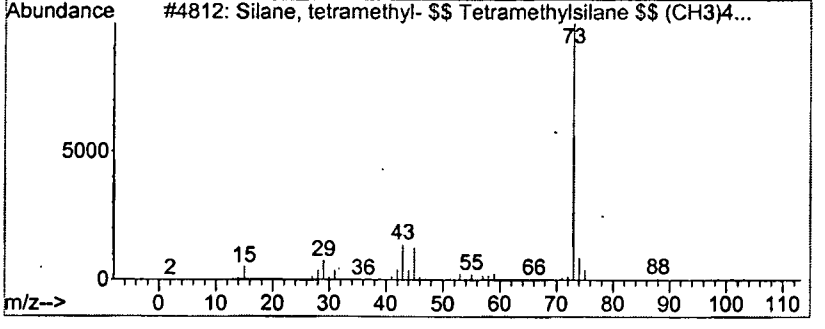


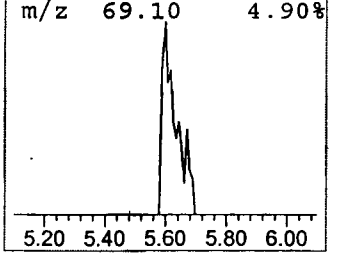












Library Search Compound Report

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Acq On : 1 Mar 2002 6:56 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

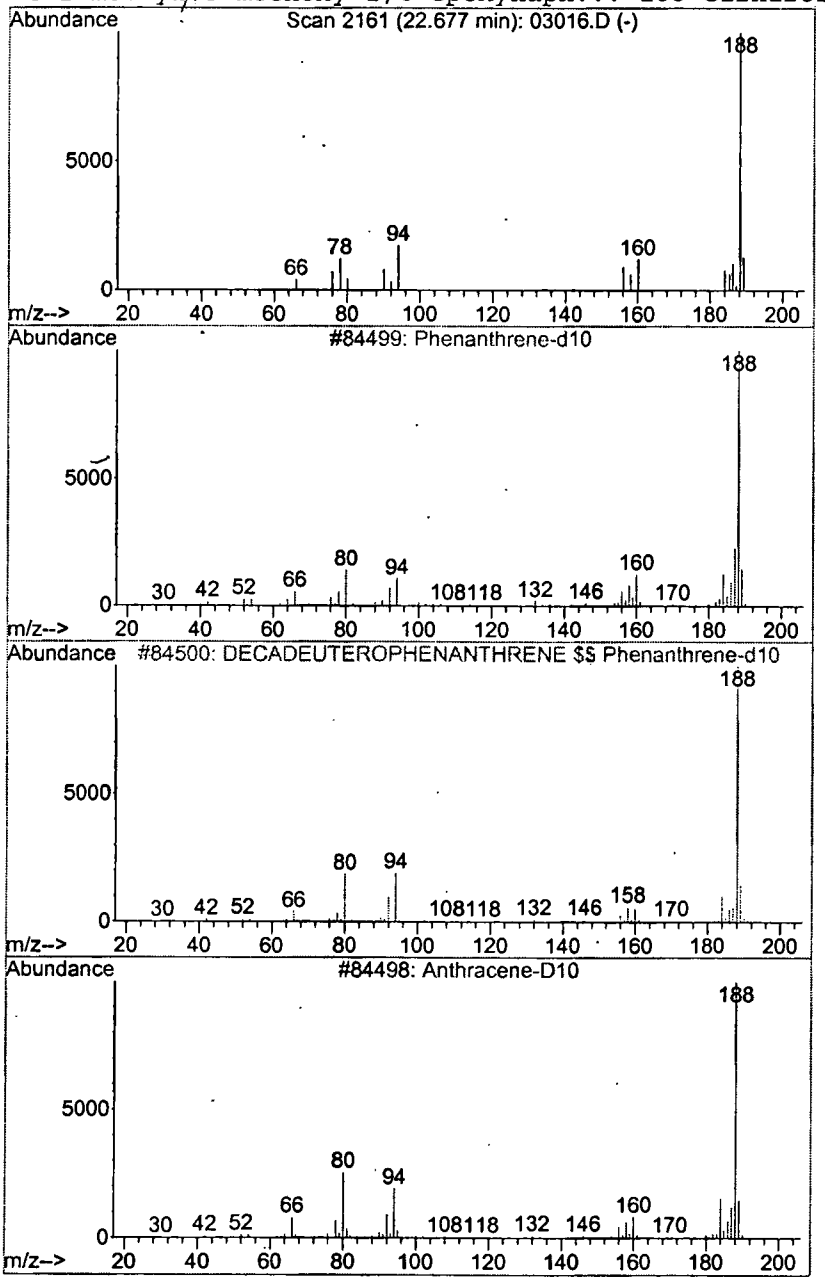
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

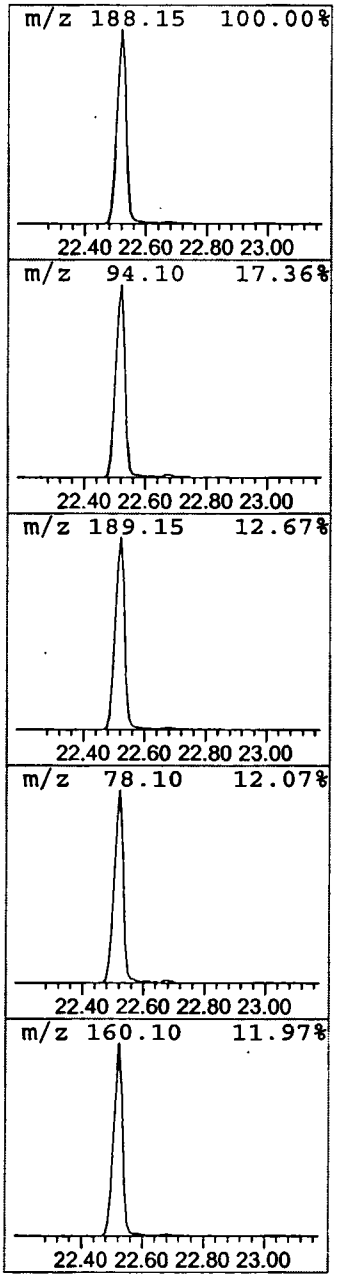
****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	0.21 ug/L	97016	Phenanthrene-d10	22.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	72
3	Anthracene-D10	188	C14D10	000000-00-0	64
4	1-methyl-5-methoxy-1,4-epoxynaph...	188	C12H12O2	000000-00-0	59





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 1 Mar 2002 6:56 pm
Data File: C:\MSDCHEM\1\DATA\022802\03016.D
Name: 2/12/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 525.2
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2,2-Dimethoxybutane	3.87	0.3	ug/L	103229	1	9.58	6107670	20.0
Silane, tetramethyl-	5.60	1.1	ug/L	333805	1	9.58	6107670	20.0
Phenanthrene-d10	22.68	0.2	ug/L	97016	4	22.52	9152730	20.0