User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 14:18:00

Sample: AE07382
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 14:17 Ended: 4/25/02 14:17 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		117		10.0

Comments for Sample AE07382 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 14:25:14

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:59:10 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	419548	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1902645	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1082730	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1536414	40.00	ug/L	0.00
39) Chrysene-d12	30.14	240	1173318	40.00	ug/L	-0.01
45) Perylene-d12	34.01	264	726814	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	20239	4.68	ug/L	0.00
Spiked Amount 4.000			Recovery = 117.00%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
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.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	24.51	149	13871	0.28	ug/L	84
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	28.91	149	3205	0.16	ug/L	79
42) Benzo (a) antracene	0.00	228	0	N.D.	d	
43) Bis (2-ethylhexyl) phthala	30.77	149	25818	0.89	ug/L	90
44) Chrysene	0.00	228	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
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Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 08:59:10 2002 Quant Results File: 5080402BBC.RES

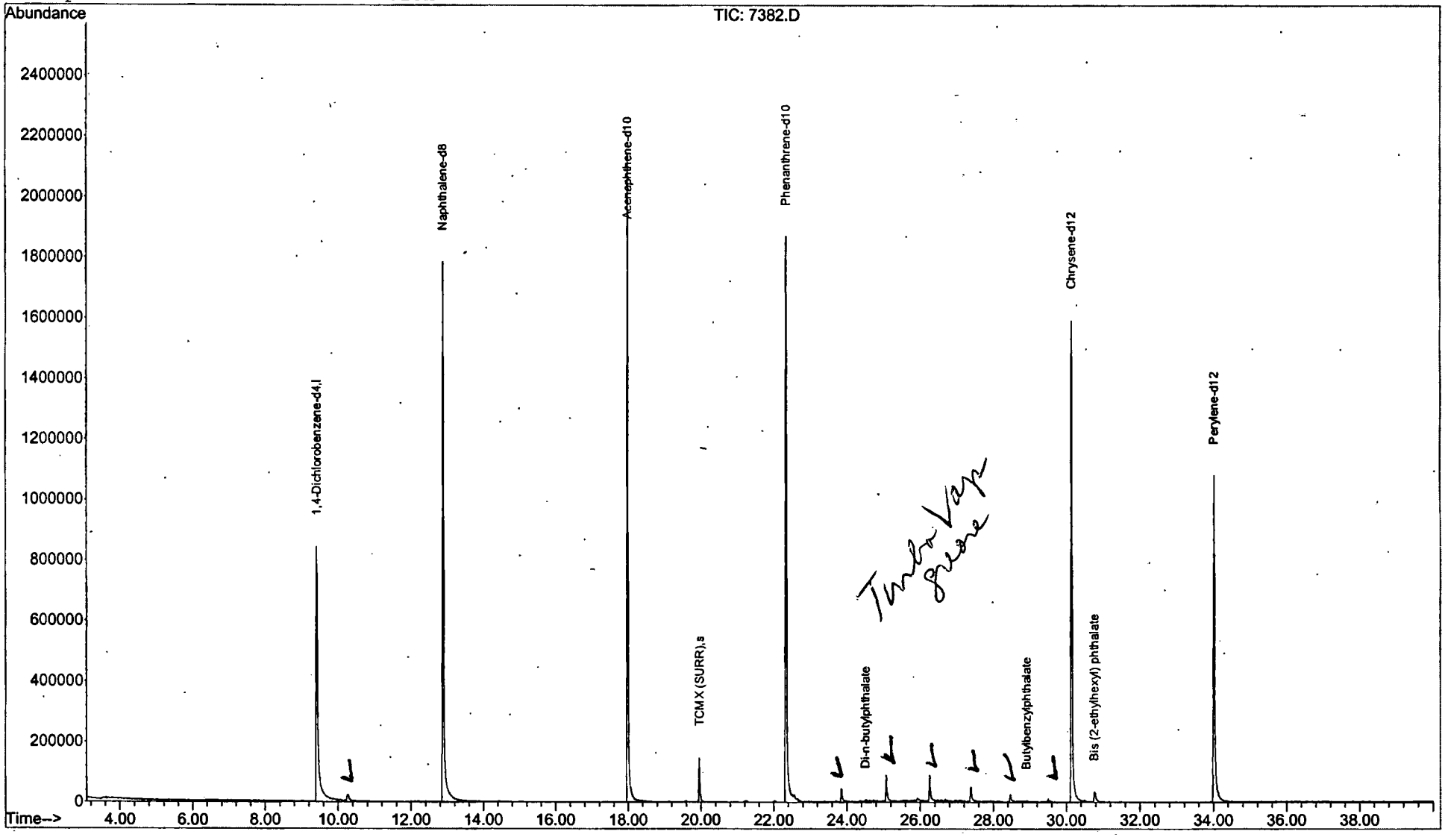
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D. d	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
7382.D 5080402BBC.M Wed Apr 24 09:00:16 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 24 9:00 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Apr 24 08:08:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BBC.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

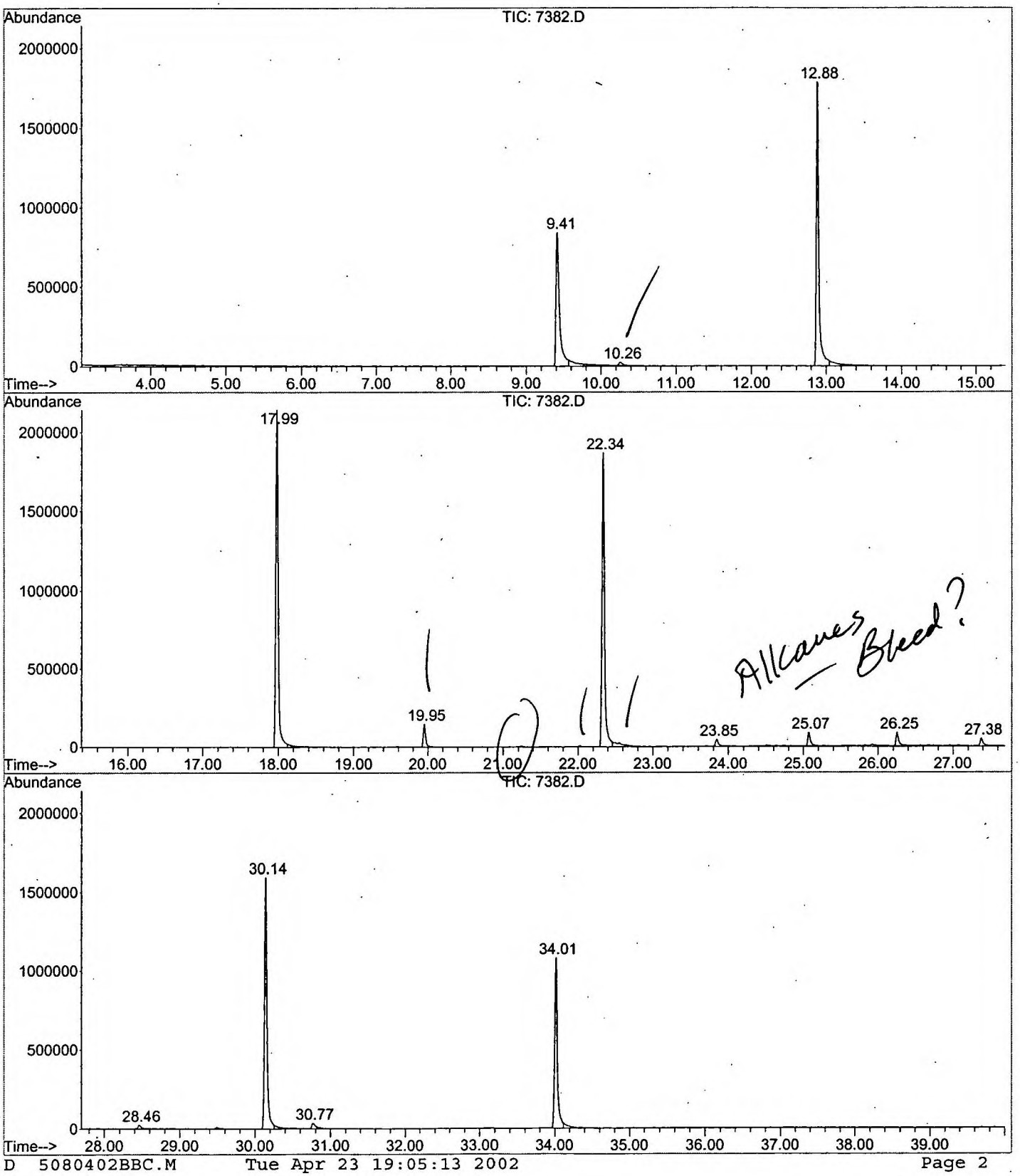
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.413	1071	1078	1104	rBV	841471	2698996	58.16%	11.472%
2	10.259	1213	1222	1234	rBV5	20501	67686	1.46%	0.288%
3	12.880	1661	1668	1696	rBV	1783840	4169815	89.85%	17.723%
4	17.986	2529	2537	2560	rBV2	2141784	4641018	100.00%	19.726%
5	19.954	2865	2872	2883	rBV2	146564	310022	6.68%	1.318%
6	22.339	3270	3278	3298	rBV2	1868454	4390968	94.61%	18.663%
7	23.849	3524	3535	3547	rBV3	45394	117986	2.54%	0.501%
8	25.072	3736	3743	3758	rBV2	87729	213844	4.61%	0.909%
9	26.253	3936	3944	3956	rBV2	88048	202957	4.37%	0.863%
10	27.381	4129	4136	4147	rBV3	50251	137536	2.96%	0.585%
11	28.462	4313	4320	4328	rBV3	22885	57793	1.25%	0.246%
12	30.142	4597	4606	4625	rBV2	1592968	3737433	80.53%	15.886%
13	30.765	4705	4712	4721	rBV4	34129	103179	2.22%	0.439%
14	34.014	5255	5265	5282	rBV2	1079509	2677812	57.70%	11.382%

Sum of corrected areas: 23527045

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041802\7382.D
Operator : Bohlk
Acquired : 19 Apr 2002 10:16 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7382 3/28/02
Misc Info :
Vial Number: 31
Quant File :5080402BBC.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

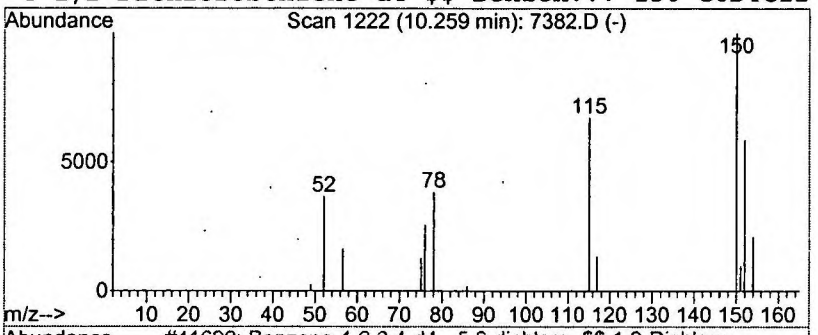
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

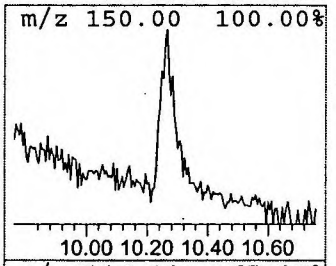
****

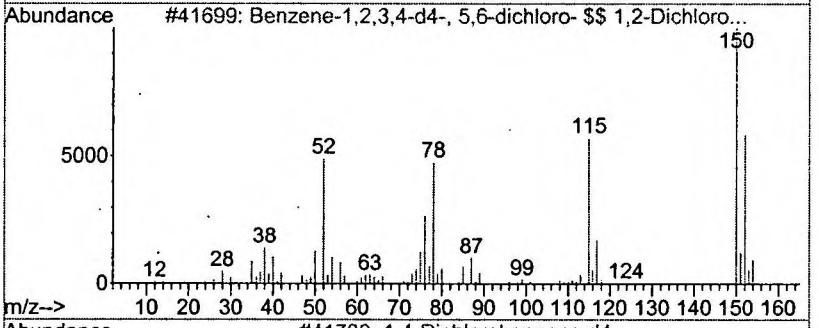
Peak Number 1 Benzene-1,2,3,4-d4-, 5,6-di... Concentration Rank 5

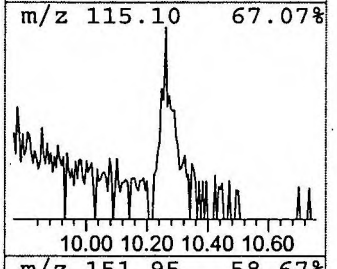
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	1.00 ug/L	67686	1,4-Dichlorobenzene-d4	9.41

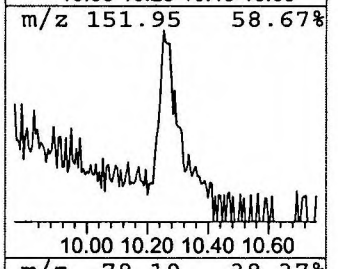
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichlor...	150	C6D4Cl2	002199-69-1	91
2	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	90
3	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	90
4	1,2-Dichlorobenzene-d4 $$ Benzen...	150	C6D4Cl2	002199-69-1	78

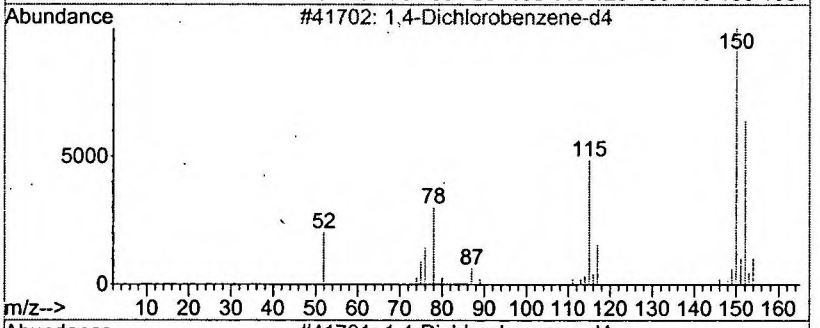


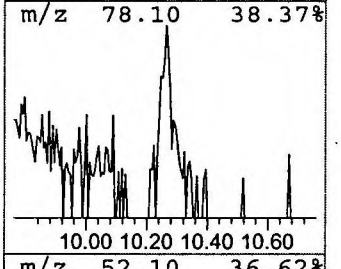


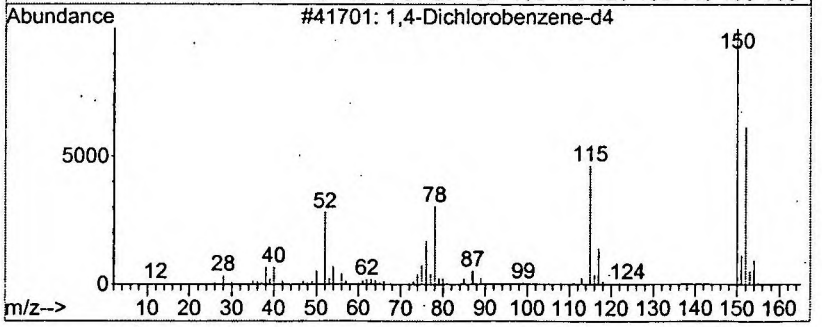


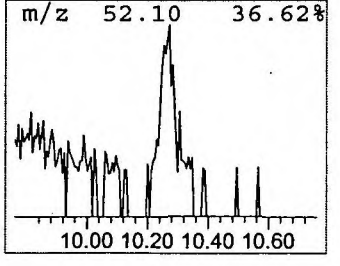












Library Search Compound Report

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Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
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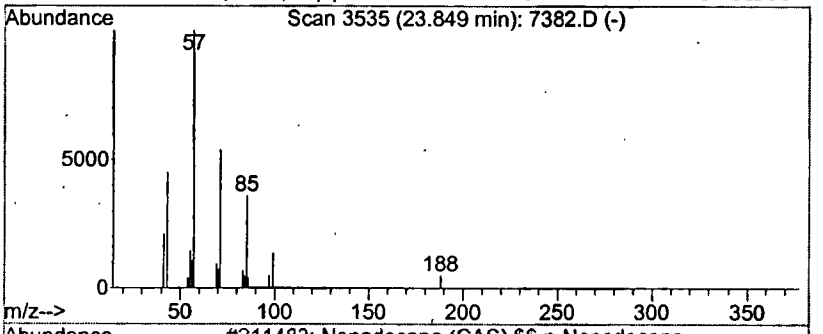
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

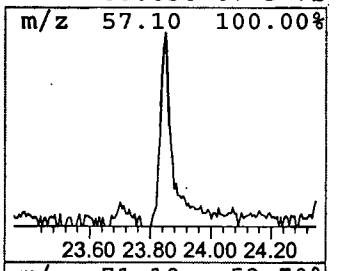
****

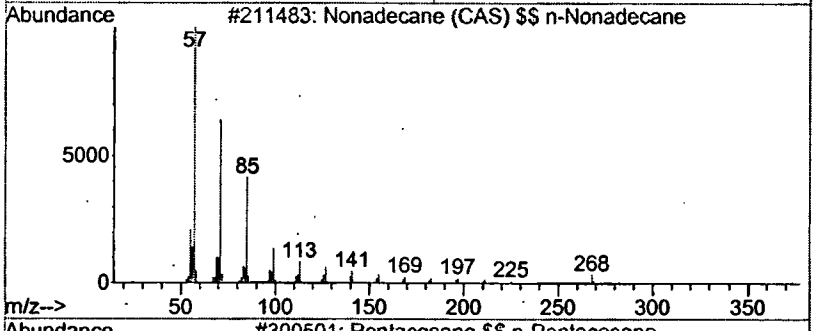
Peak Number 2 Nonadecane (CAS) $$ n-Nonad... Concentration Rank 4

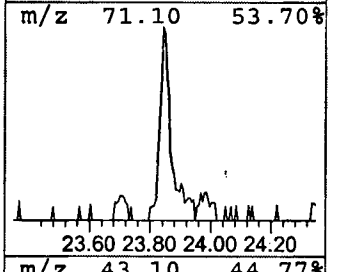
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	1.07 ug/L	117986	Phenanthrene-d10	22.34

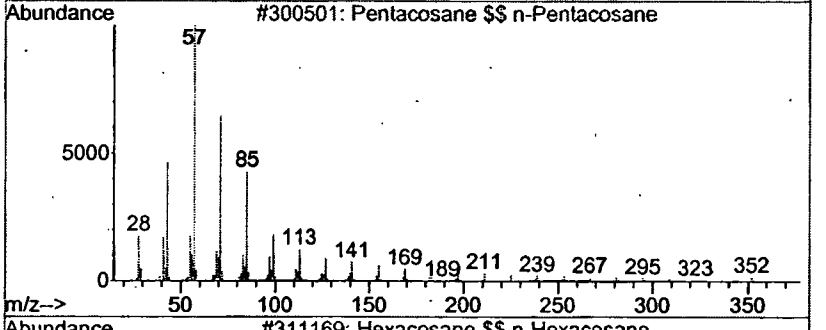
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane (CAS) $$ n-Nonadecane	268	C19H40	000629-92-5	78
2	Pentacosane $$ n-Pentacosane	352	C25H52	000629-99-2	78
3	Hexacosane $$ n-Hexacosane	366	C26H54	000630-01-3	78
4	Tricosane (CAS) $$ n-Tricosane	324	C23H48	000638-67-5	72

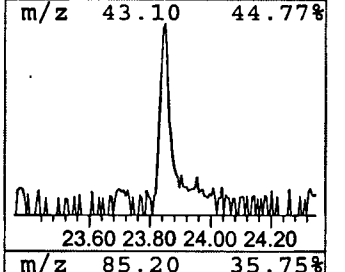


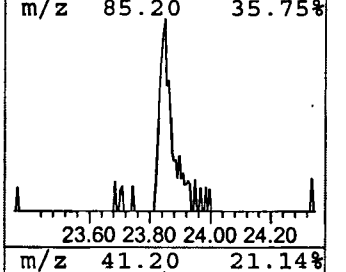


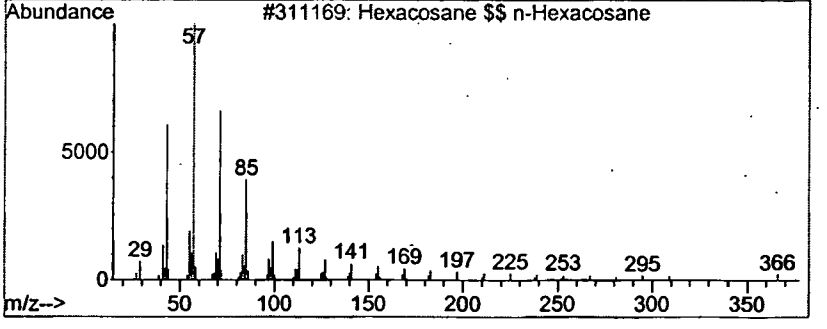


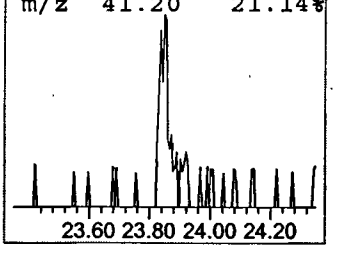












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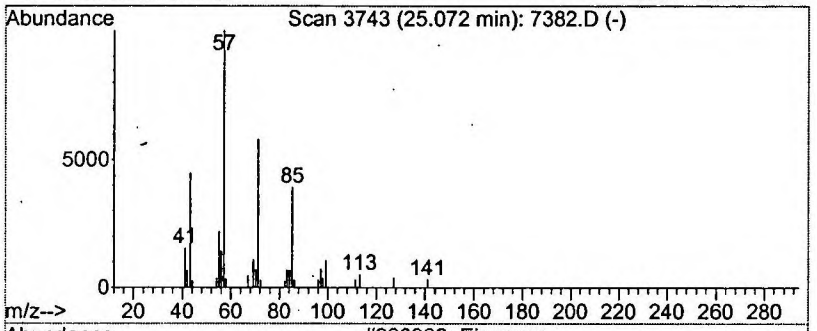
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

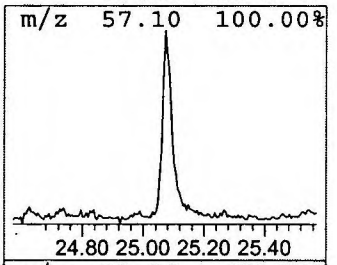
****

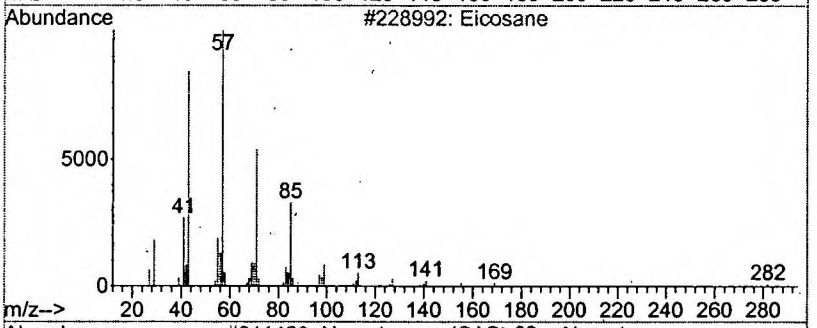
Peak Number 3 Eicosane Concentration Rank 2

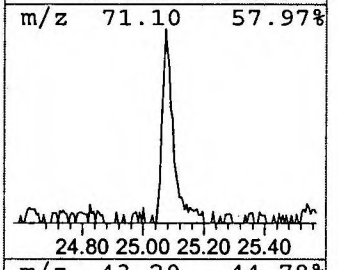
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	1.95 ug/L	213844	Phenanthrene-d10	22.34

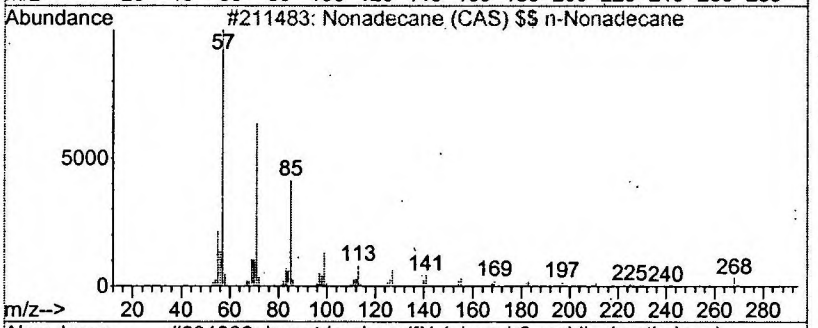
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane (CAS) $$ n-Nonadecane	268	C19H40	000629-92-5	90
3	Iron, tricarbonyl[N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	86
4	Pentadecane	212	C15H32	000629-62-9	86

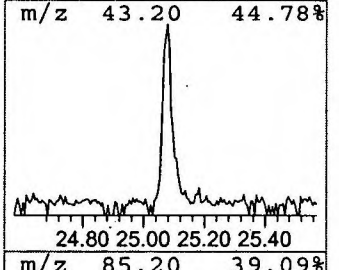


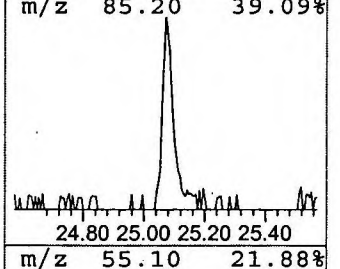


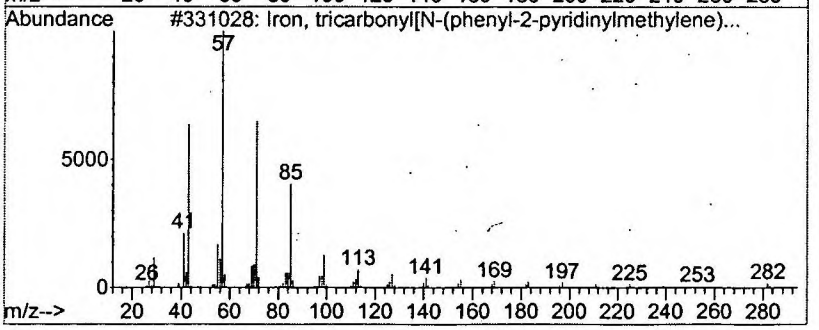


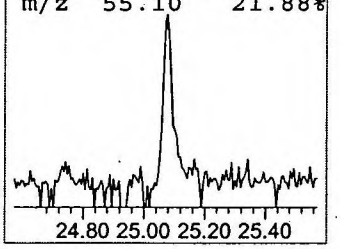












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

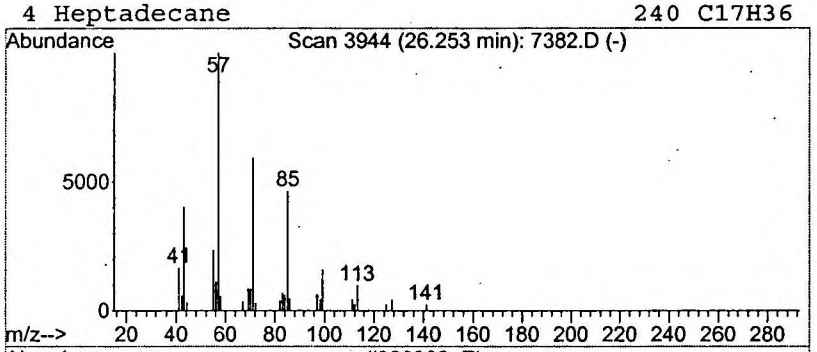
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

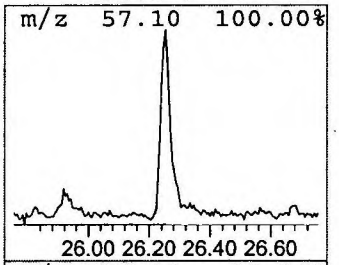
****

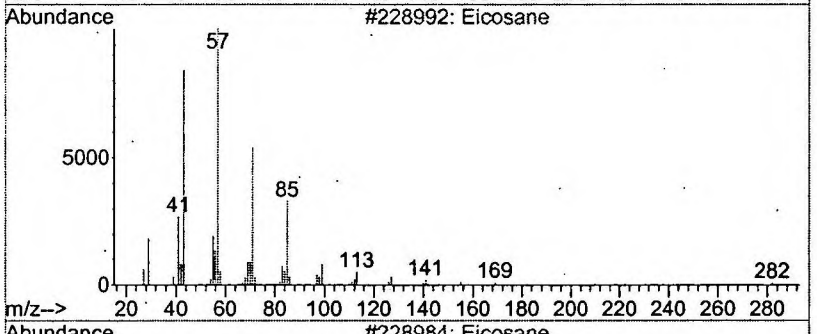
Peak Number 4 Eicosane Concentration Rank 1

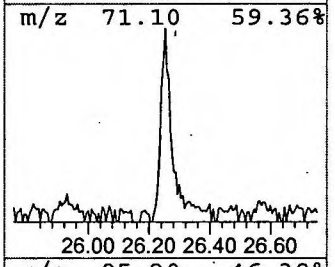
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.17 ug/L	202957	Chrysene-d12	30.14

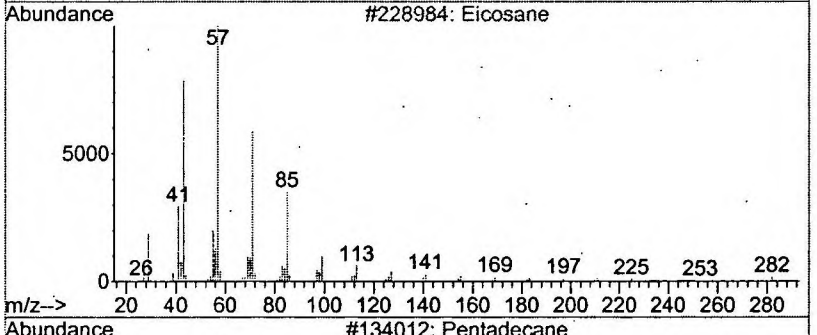
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	86

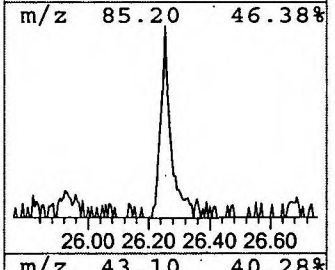


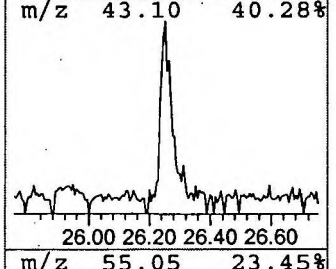


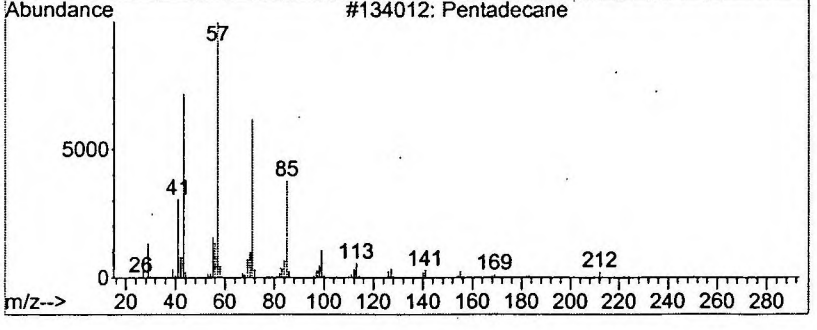


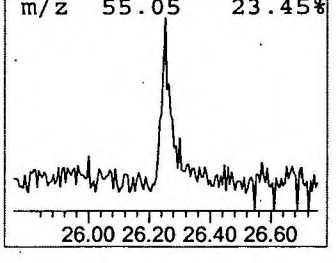












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041802\7382.D Vial: 31
Acq On : 19 Apr 2002 10:16 am Operator: Bohlk
Sample : SAMPLE 7382 3/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

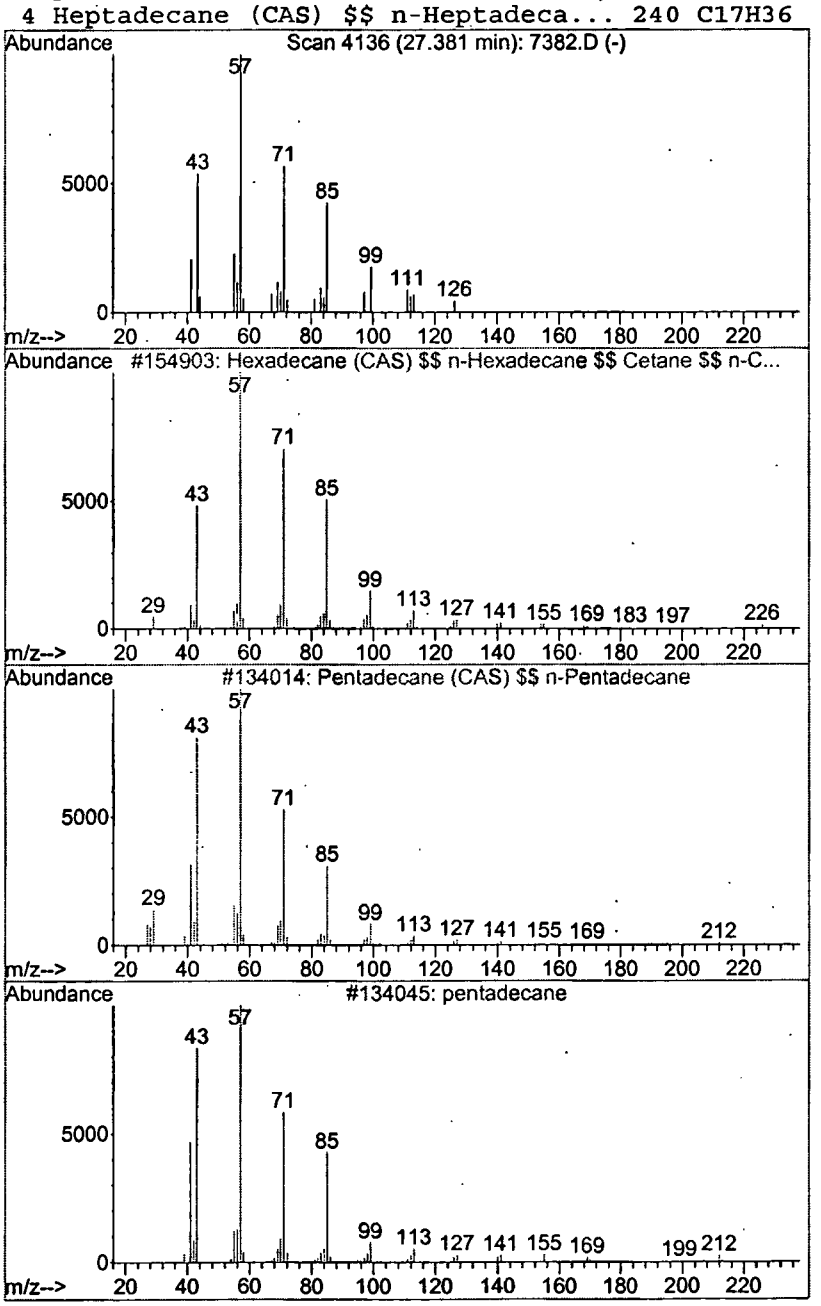
Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

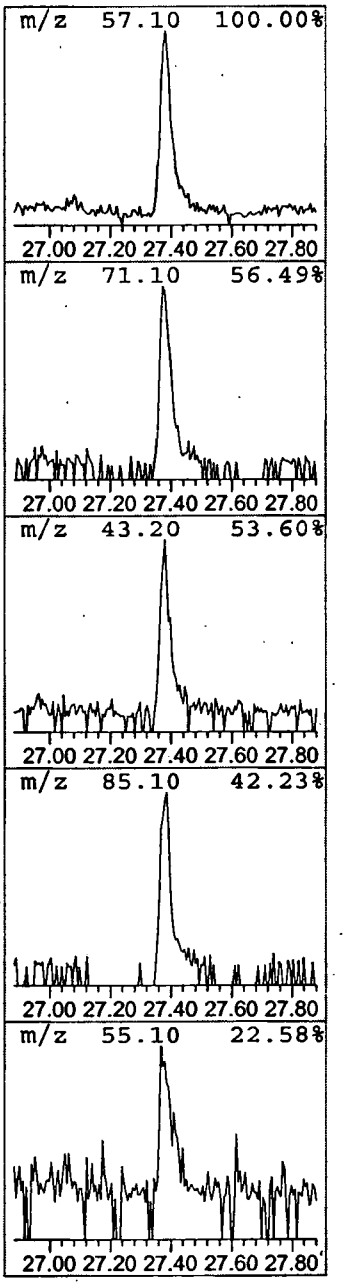
****

Peak Number 5 Hexadecane (CAS) $$ n-Hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.38	1.47 ug/L	137536	Chrysene-d12	30.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane (CAS) $$ n-Hexadecane...	226	C16H34	000544-76-3	78
2	Pentadecane (CAS) $$ n-Pentadecane	212	C15H32	000629-62-9	78
3	pentadecane	212	C15H32	000629-62-9	72
4	Heptadecane (CAS) $$ n-Heptadeca...	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 19 Apr 2002 10:16 am
Data File: C:\MSDCHEM\1\DATA\041802\7382.D
Name: SAMPLE 7382 3/28/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
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
Benzene-1,2,3,4-d...	10.26	1.0	ug/L	67686	1	9.41	2699000	40.0
Nonadecane (CAS) ...	23.85	1.1	ug/L	117986	4	22.34	4390970	40.0
Eicosane	25.07	1.9	ug/L	213844	4	22.34	4390970	40.0
Eicosane	26.25	2.2	ug/L	202957	5	30.14	3737430	40.0
Hexadecane (CAS) ...	27.38	1.5	ug/L	137536	5	30.14	3737430	40.0