User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:30:30

Sample: AE03826
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:30 Ended: 4/16/02 15:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Sum: 2.4 000		384		9.0

Comments for Sample AE03826 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:34:05

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were high. This sample was extracted twice with Surrogate Standard recoveries of 68% and 64%.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:53:07 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 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	427128	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	1930247	40.00	ug/L	-0.01
17) Acenaphthene-d10	17.99	164	1155544	40.00	ug/L	-0.01
30) Phenanthrene-d10	22.34	188	1632277	40.00	ug/L	-0.01
39) Chrysene-d12	30.14	240	1286363	40.00	ug/L	-0.02
45) Perylene-d12	34.01	264	827252	40.00	ug/L	-0.01
System Monitoring Compounds						
28) TCMX (SURR)	19.95	244	15573	6.37	ug/L	0.00
Spiked Amount 10.000			Recovery = 63.70%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.31	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	0.00	149	0	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo (a) antracene	0.00	228	0	N.D.	d	
43) Bis (2-ethylhexyl) phthala	30.76	149	52127	2.25	ug/L	97
44) Chrysene	0.00	228	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:53:07 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

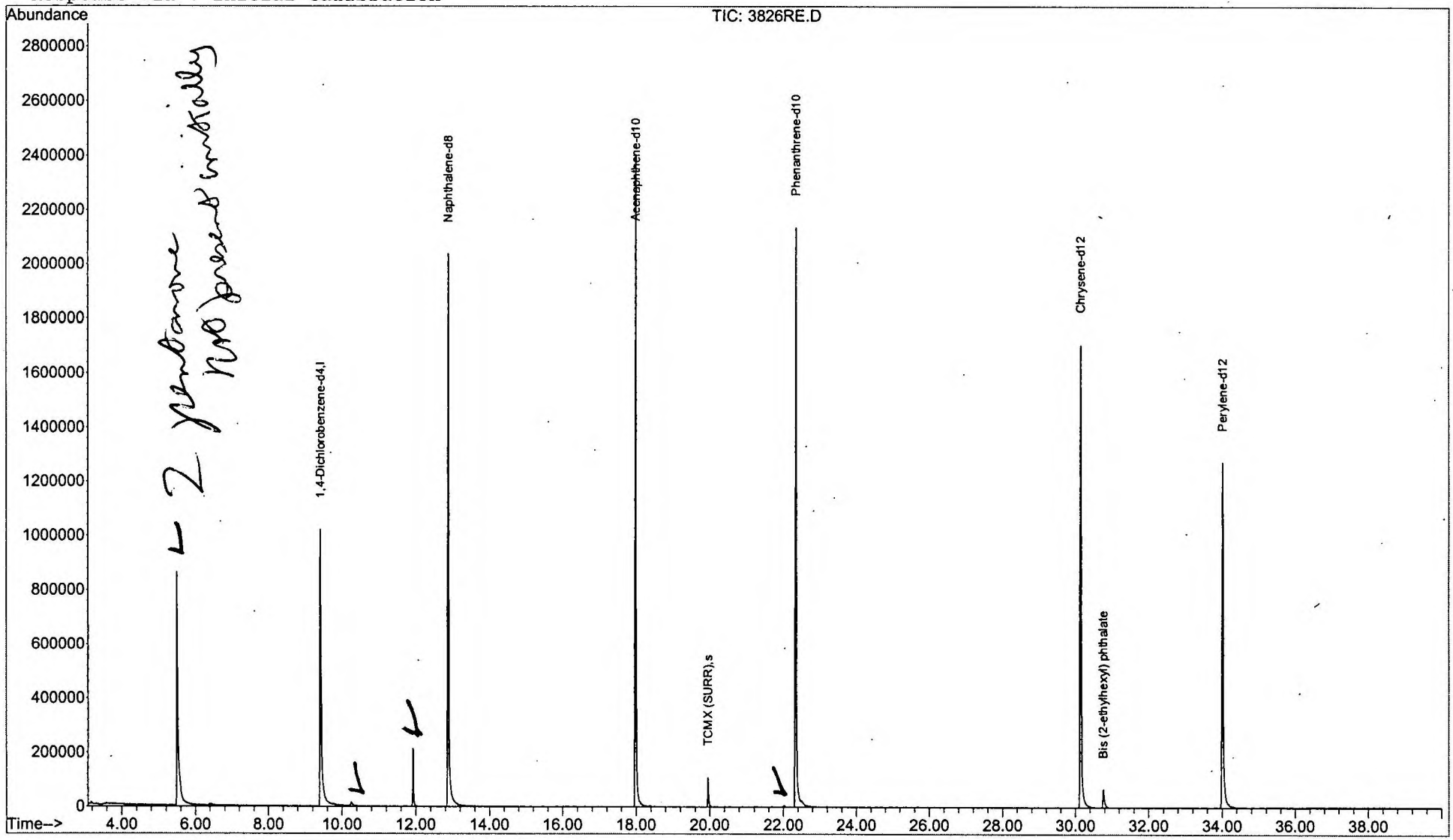
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	d
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.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

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 16:54 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

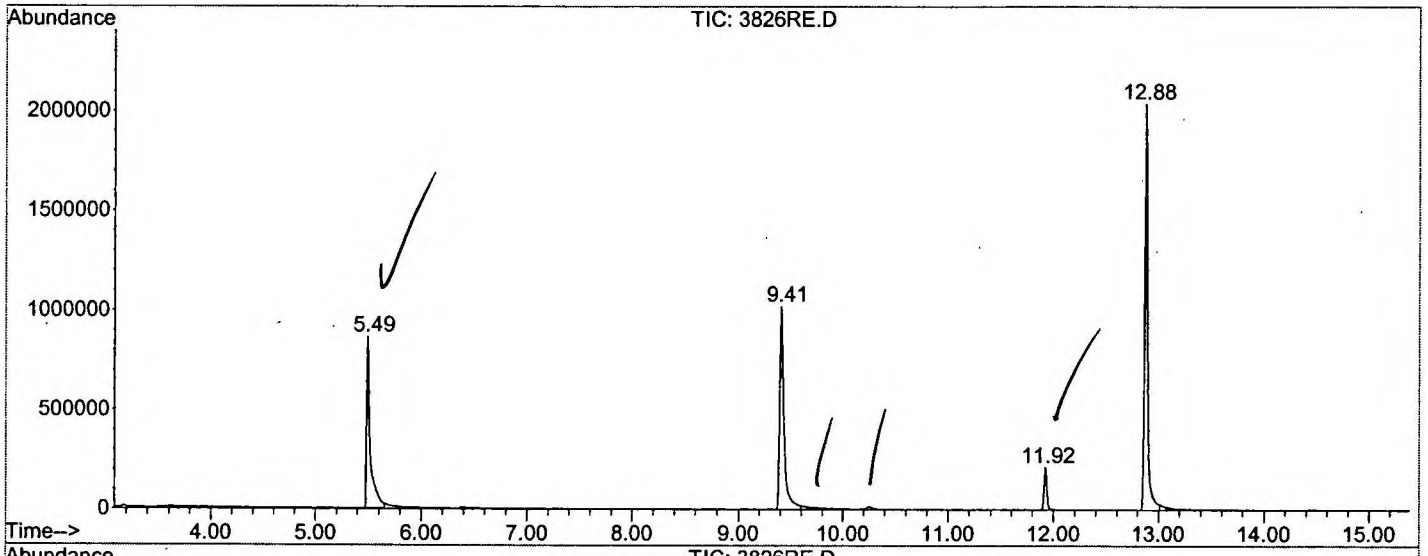
Signal : TIC

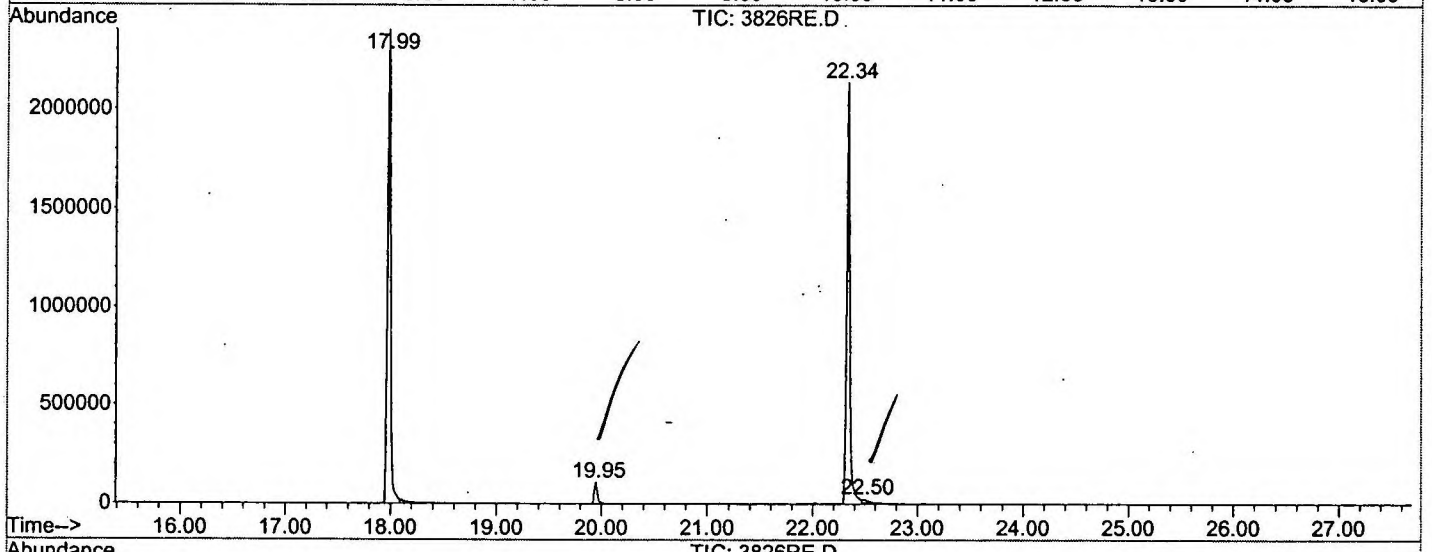
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.494	407	411	438	rBV	860393	2069427	42.60%	7.754%
2	9.407	1070	1077	1109	rBV	1018984	2829825	58.25%	10.603%
3	11.922	1498	1505	1517	rBV	213241	376938	7.76%	1.412%
4	12.880	1661	1668	1690	rBV	2038094	4248144	87.45%	15.918%
5	17.986	2527	2537	2554	rBV	2400743	4857690	100.00%	18.202%
6	19.948	2864	2871	2880	rBV3	108127	211695	4.36%	0.793%
7	22.339	3268	3278	3300	rBV2	2136151	4703444	96.82%	17.624%
8	22.498	3300	3305	3319	rVB4	18097	68024	1.40%	0.255%
9	30.142	4596	4606	4627	rBV2	1704400	4092502	84.25%	15.335%
10	30.765	4705	4712	4722	rBV2	67435	181191	3.73%	0.679%
11	34.014	5254	5265	5282	rBV2	1272264	3048828	62.76%	11.424%

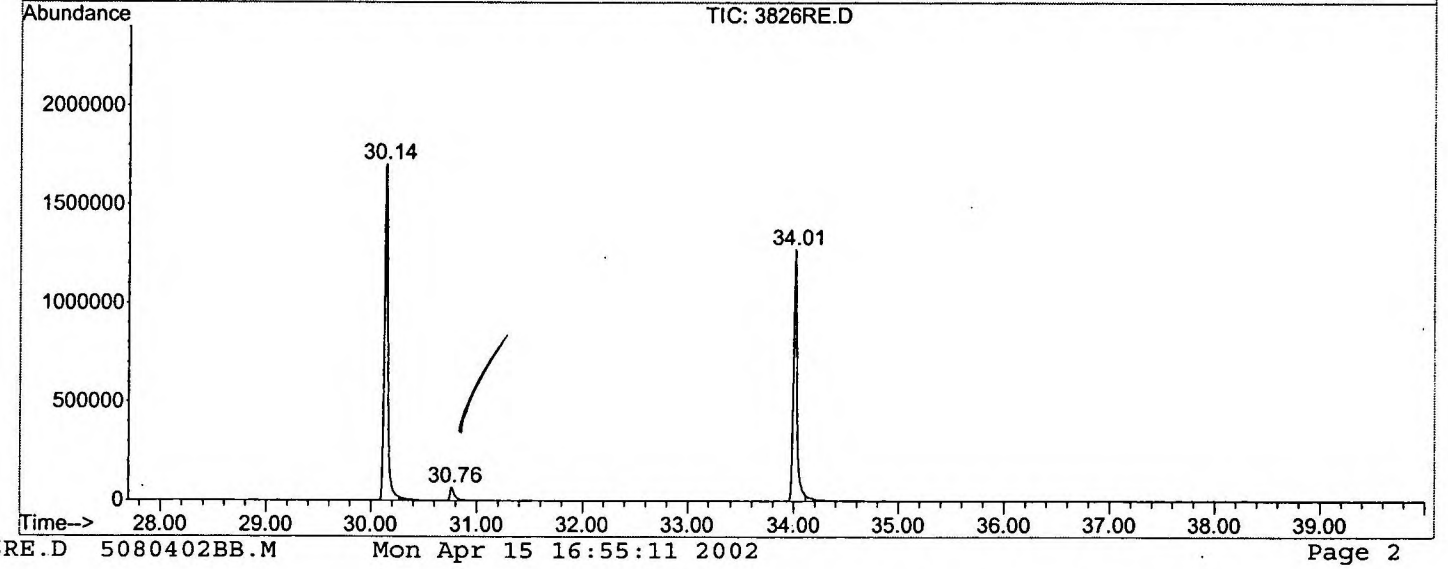
Sum of corrected areas: 26687708

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041002\3826RE.D
Operator : Bohlk
Acquired : 11 Apr 2002 2:23 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 3826 3/27/02 RE-EXT
Misc Info :
Vial Number: 16
Quant File :5080402BB.RES (RTE Integrator)







Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

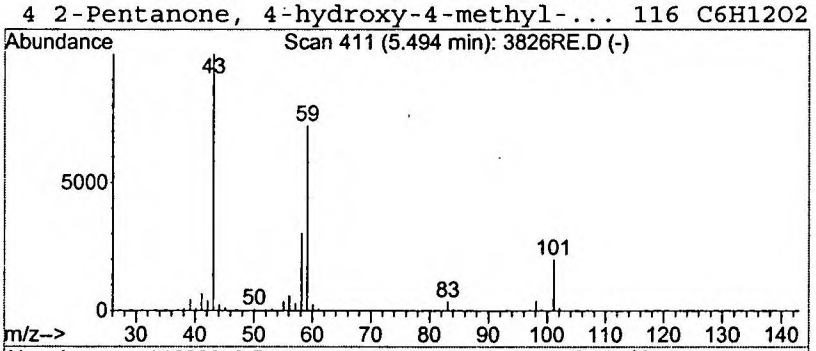
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

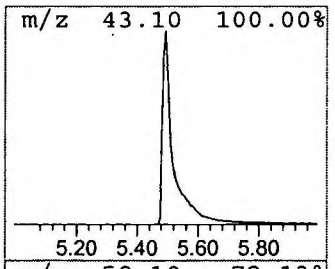
****

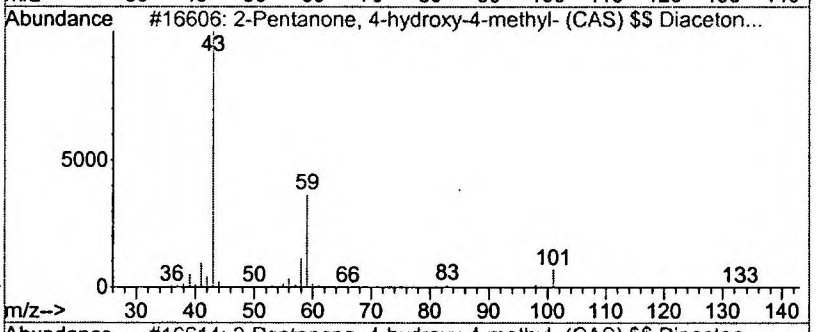
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

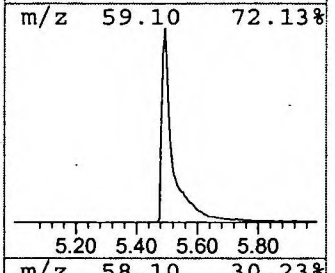
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	29.25 ug/L	2069430	1,4-Dichlorobenzene-d4	9.41

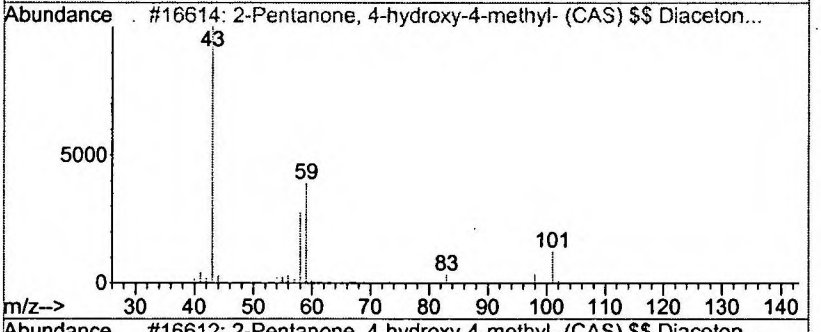
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64

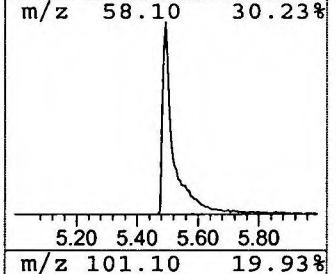


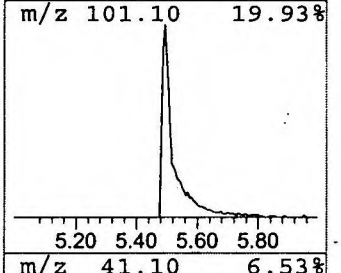


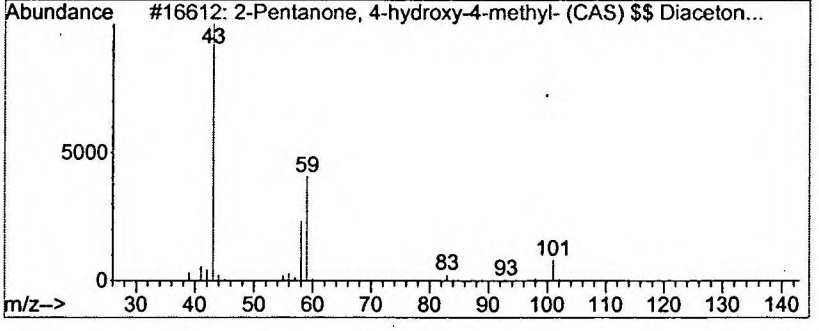


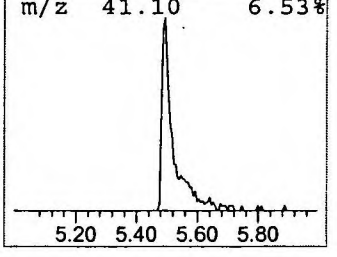












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\3826RE.D Vial: 16
Acq On : 11 Apr 2002 2:23 am Operator: Bohlk
Sample : SAMPLE 3826 3/27/02 RE-EXT Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

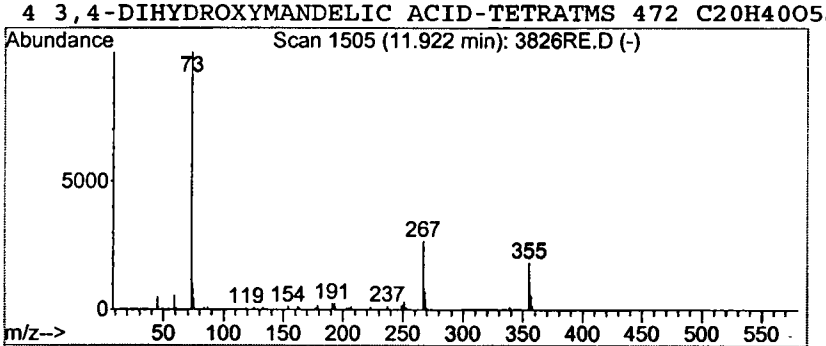
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

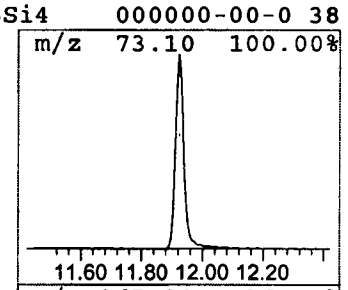
****

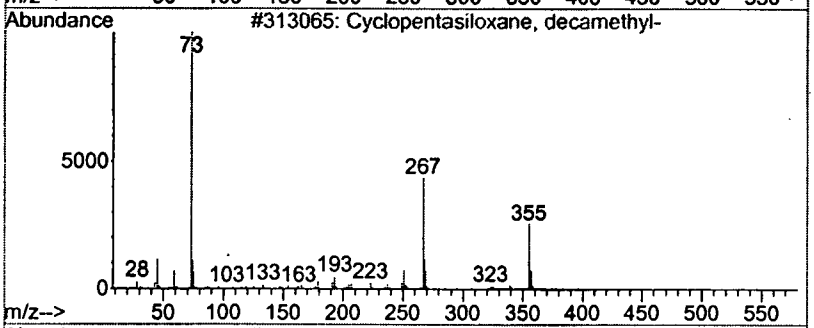
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

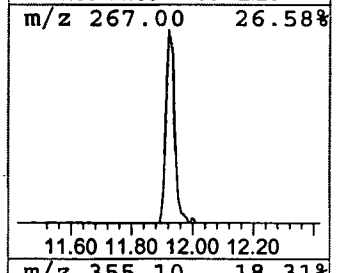
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.55 ug/L	376938	Naphthalene-d8	12.88

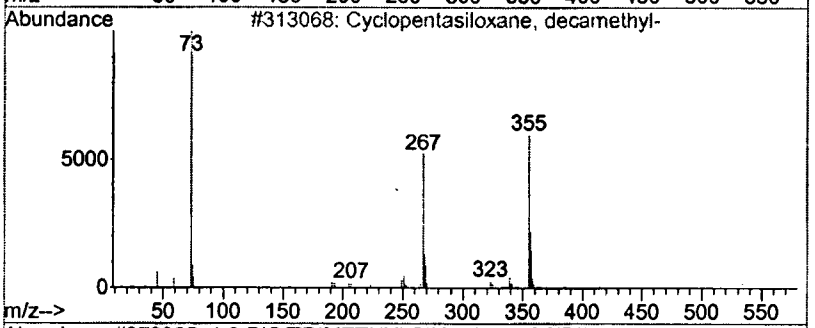
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	1,3-BIS(TRIMETHYLSILYLOXY)-2-TRI...	573	C24H51NO5Si5	000000-00-0	43
4	3,4-DIHYDROXYMANDELIC ACID-TETRATMS	472	C20H40O5Si4	000000-00-0	38

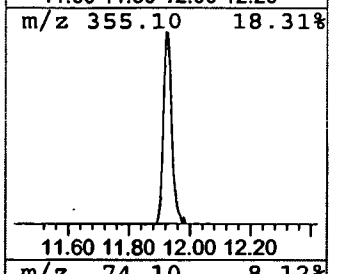


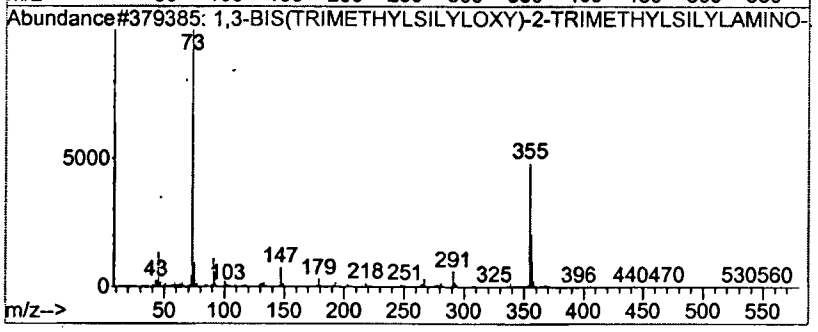


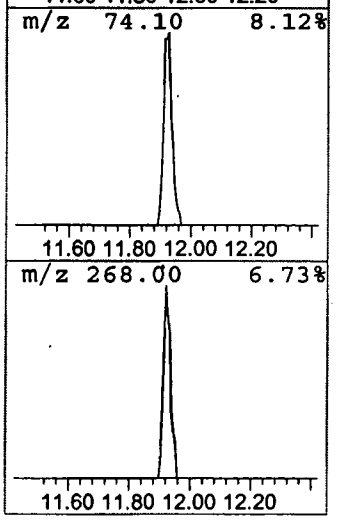












Tentatively Identified Compound (LSC) summary

Operator ID: Bohlk Date Acquired: 11 Apr 2002 2:23 am
Data File: C:\MSDCHEM\1\DATA\041002\3826RE.D
Name: SAMPLE 3826 3/27/02 RE-EXT
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BB.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
2-Pentanone, 4-hy...	5.49	29.3	ug/L	2069430	1	9.41	2829830	40.0
Cyclopentasiloxan...	11.92	3.5	ug/L	376938	2	12.88	4248140	40.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3826.D Vial: 7
Acq On : 23 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:32 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

original analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	374899	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1443451	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	779610	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1156047	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	700426	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	407887	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	62523	~~6.61~~ 3.39	ug/mL	0.23
Spiked Amount 5.000			Recovery = 132.20%			68%
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.47	74	495	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	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-Chloropropan	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)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.96	128	229	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.		
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	22.69	149	314	N.D.		
26) 4-Chlorophenyl-phenylether	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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3826.D Vial: 7
Acq On : 23 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:32 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

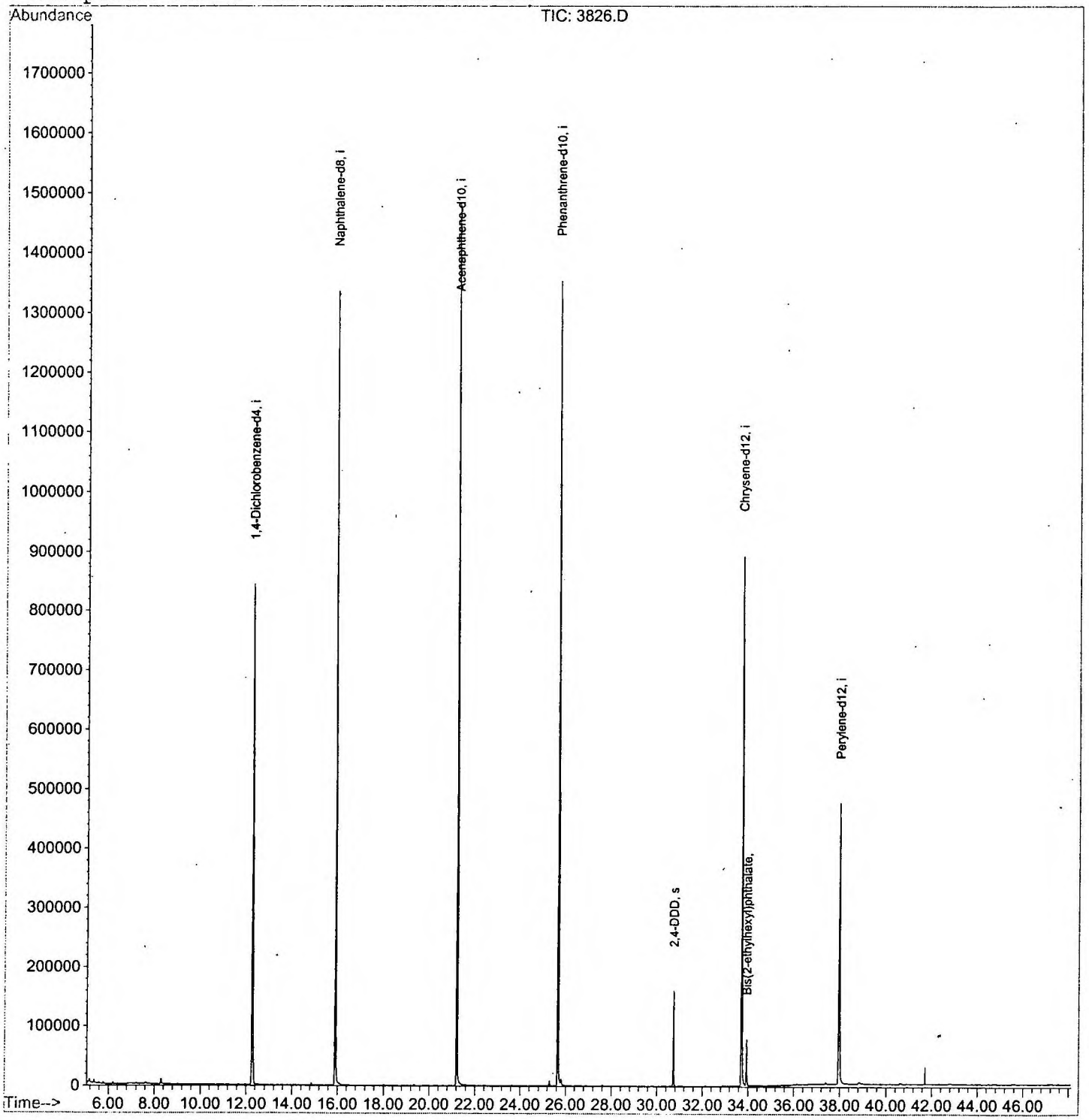
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.65	178	305	N.D.	
34)	Anthracene	25.65	178	305	N.D.	
35)	Di-n-butylphthalate	27.63	149	2988	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	1148	N.D.	
41)	Benzo(a)anthracene	33.72	228	2223	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	48588	1.74 ug/l	92
43)	Chrysene	33.79	228	446	N.D.	
45)	Di-n-Octylphthalate	35.68	149	623	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	796	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	1126	N.D.	
48)	Benzo(a)pyrene	37.78	252	447	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3826.D Vial: 7
Acq On : 23 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:32 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3826.D Vial: 7
Acq On : 23 Mar 2002 12:01 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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

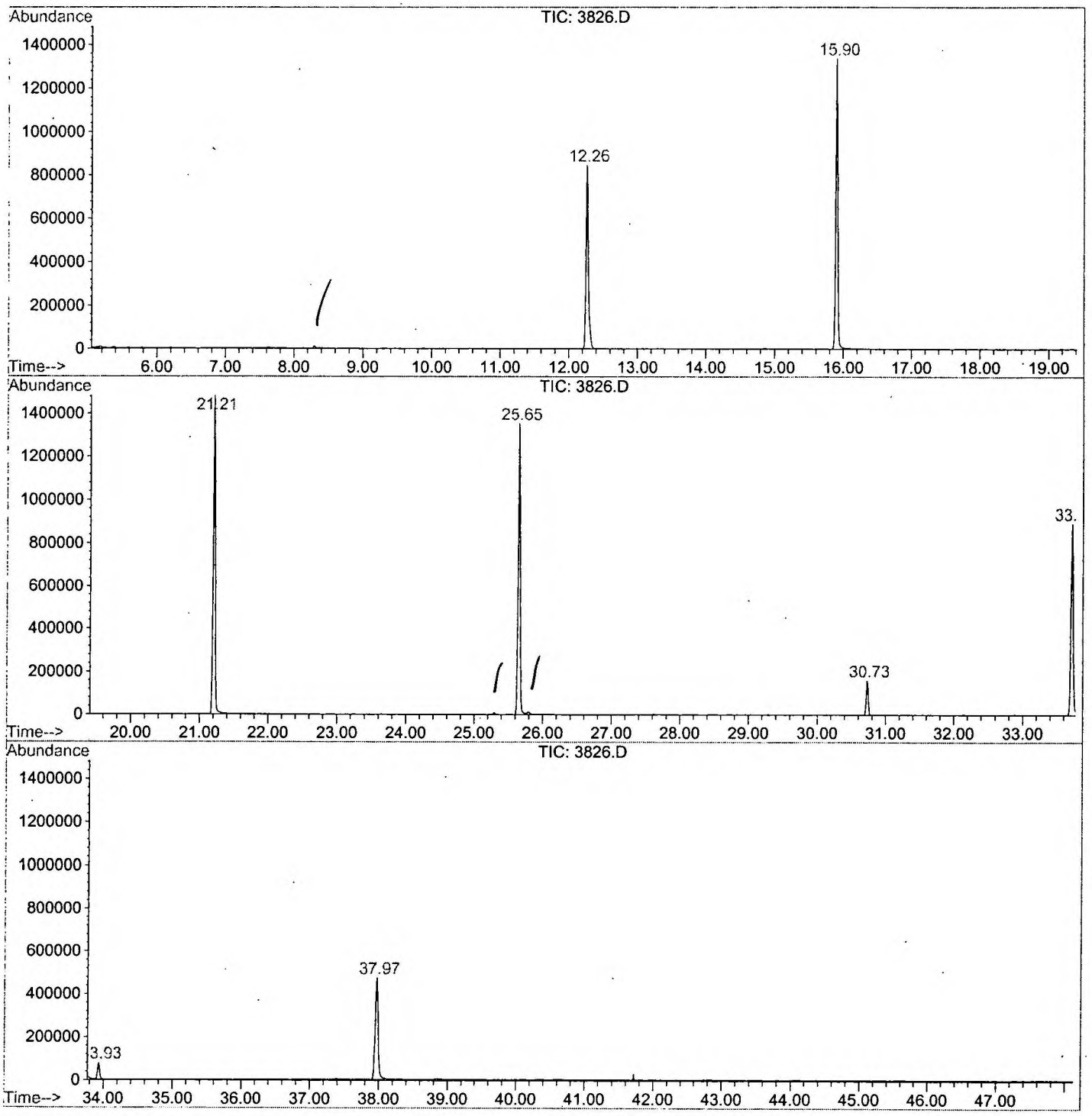
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.258	781	786	802	rBV	843026	2054637	68.49%	14.000%
2	15.903	1177	1183	1196	rBV	1334509	2733758	91.13%	18.628%
3	21.209	1755	1761	1776	rBV	1482925	2999905	100.00%	20.441%
4	25.652	2239	2245	2256	rBV2	1352449	2934219	97.81%	19.994%
5	30.729	2793	2798	2804	rBV	159311	311985	10.40%	2.126%
6	33.722	3114	3124	3137	rBV2	892526	2068640	68.96%	14.096%
7	33.933	3141	3147	3158	rVB	77564	165714	5.52%	1.129%
8	37.972	3578	3587	3601	rBV2	471588	1406832	46.90%	9.586%

Sum of corrected areas: 14675690

3826.D GCMS0308.M Tue Mar 26 14:54:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3826.D
Operator :
Acquired : 23 Mar 2002 12:01 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 7
Quant File :GCMS0308.RES (RTE Integrator)



3826.D GCMS0308.M Tue Mar 26 14:54:59 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 12:01 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3826.D
Name: gc/ms scan 2/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

3826.D GCMS0308.M Tue Mar 26 14:55:03 2002