User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 10:11:28

Sample: AE03803
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 10:11 Ended: 3/22/02 10:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr 2,4-DDD	USPEC	136		5.0

Comments for Sample AE03803 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 10:46:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for the LCS Standard compounds were high. New acceptance ranges will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:45:24 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	1468596	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4007982	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2290985	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3517749	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3035582	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1509755	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	285744	6.81	ug/L	0.00
Spiked Amount 5.000			Recovery = 136.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. 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	19.74	149	3108	0.03	ug/L	58
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	3938	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	19265	0.16	ug/L	89
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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:45:24 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

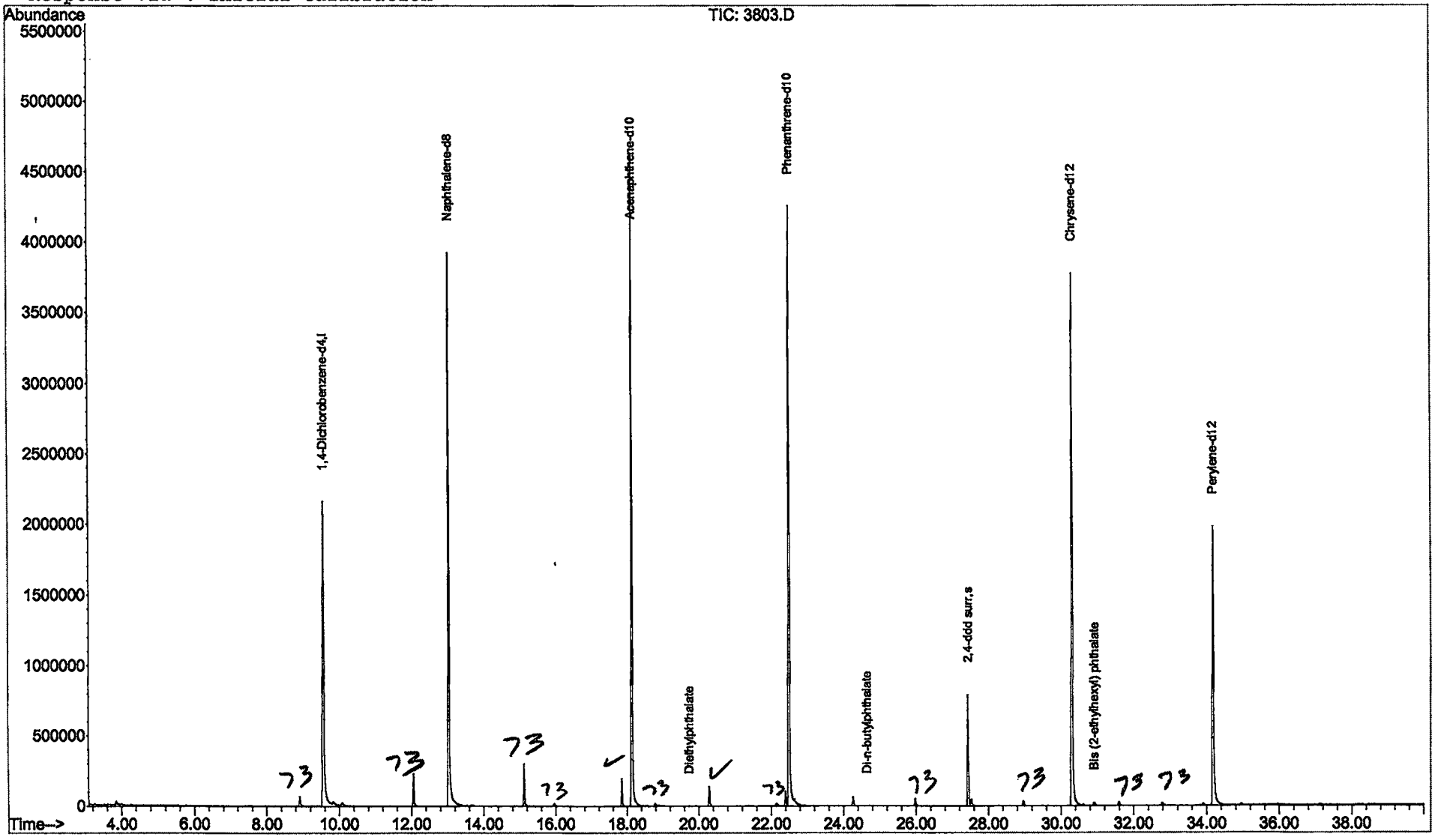
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:45 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\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 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

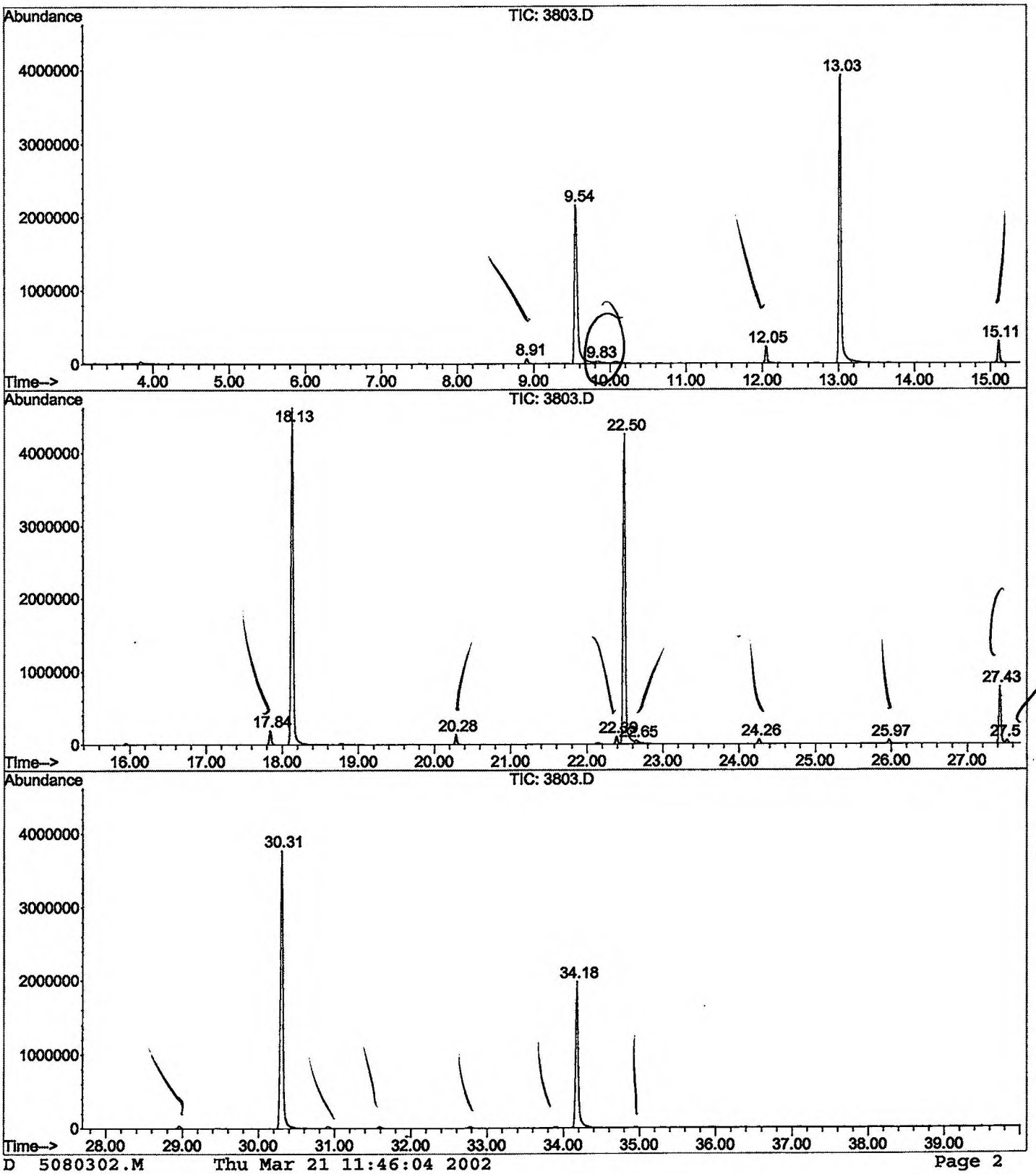
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.908	639	643	648	rBV	68884	144801	1.51%	0.281%
2	9.543	708	713	741	rBV	2159140	6239698	65.04%	12.093%
3	9.833	741	745	760	rVB4	23302	101770	1.06%	0.197%
4	12.047	985	989	998	rBV	228458	411456	4.29%	0.797%
5	13.026	1091	1097	1113	rBV	3924216	8575087	89.38%	16.619%
6	15.112	1321	1327	1338	rBV2	299124	543336	5.66%	1.053%
7	17.843	1624	1628	1635	rBV2	193628	353664	3.69%	0.685%
8	18.133	1654	1660	1680	rBV	4625649	9436308	98.36%	18.288%
9	20.282	1892	1897	1904	rBB	136240	250663	2.61%	0.486%
10	22.387	2123	2129	2134	rBV2	103713	186267	1.94%	0.361%
11	22.496	2134	2141	2155	rBV2	4254081	9593589	100.00%	18.593%
12	22.650	2155	2158	2166	rVB2	35149	103657	1.08%	0.201%
13	24.264	2331	2336	2341	rBB	64989	125199	1.31%	0.243%
14	25.969	2519	2524	2530	rBB2	52932	99259	1.03%	0.192%
15	27.430	2680	2685	2692	rBV	790352	1525042	15.90%	2.956%
16	27.530	2692	2696	2701	rVB2	46403	98864	1.03%	0.192%
17	30.305	2995	3002	3025	rBV2	3774438	8852112	92.27%	17.156%
18	34.178	3422	3429	3450	rBV	1979607	4956730	51.67%	9.607%

Sum of corrected areas: 51597502

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\3803.D
Operator : McLean
Acquired : 19 Mar 2002 9:29 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 2/20
Misc Info :
Vial Number: 13
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

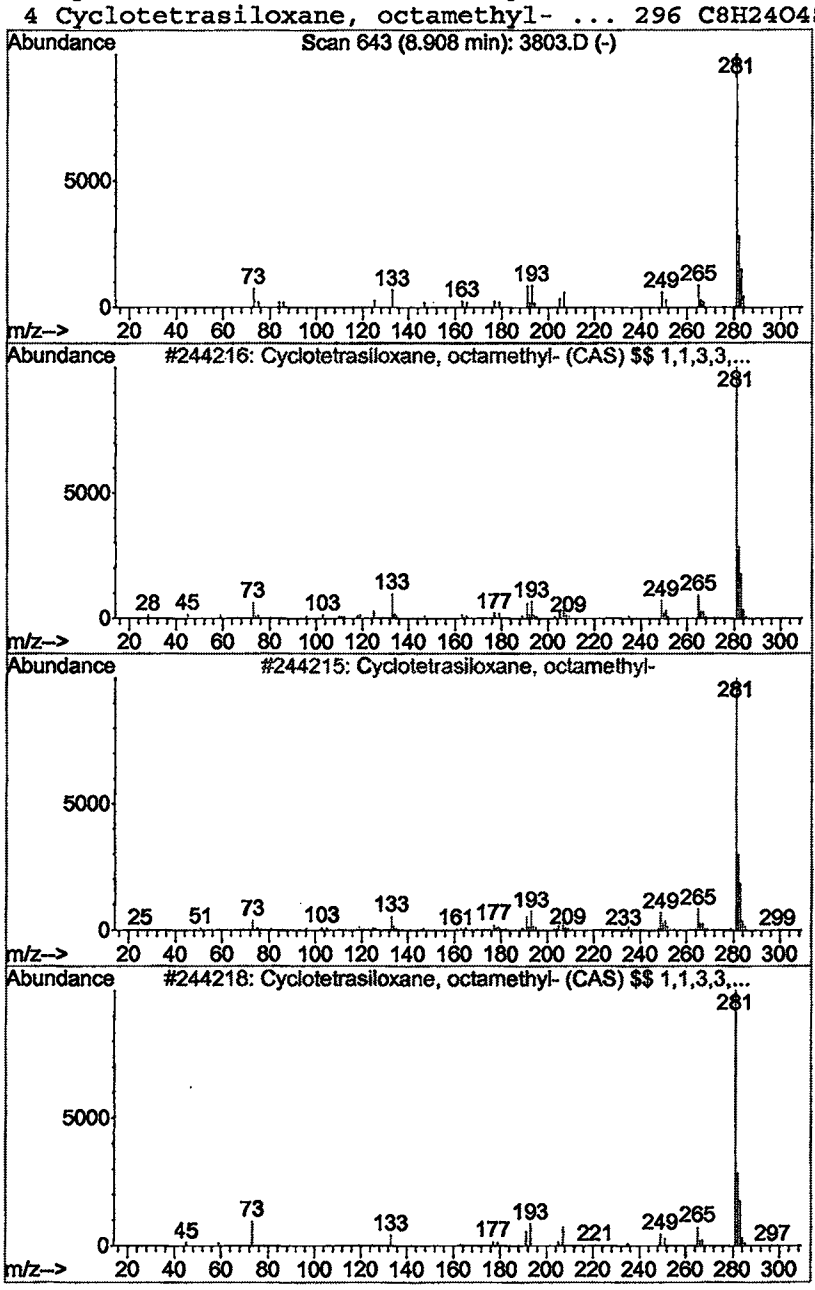
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

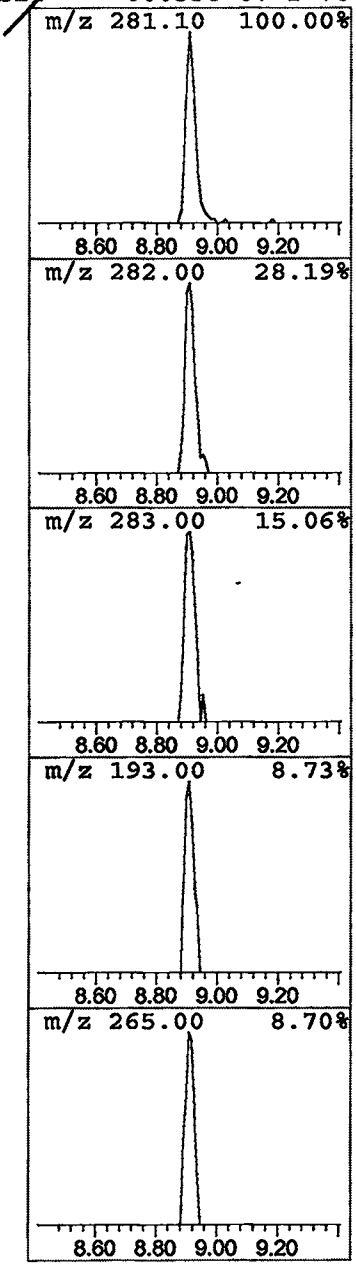
****

Peak Number 1 Cyclotetrasiloxane, octamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	0.46 ug/L	144801	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	91
4	Cyclotetrasiloxane, octamethyl- ...	296	C8H24O4Si4	000556-67-2	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

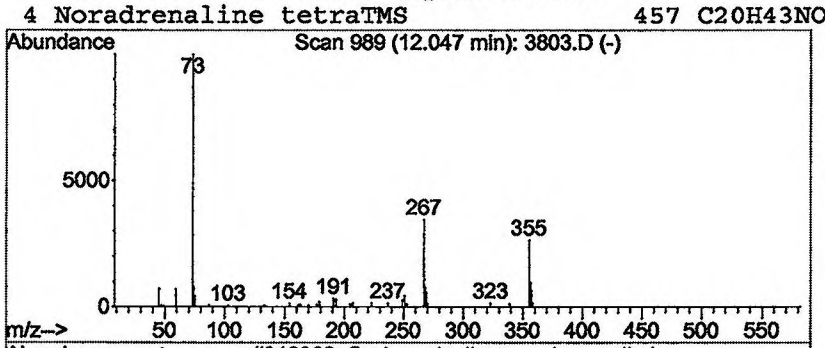
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

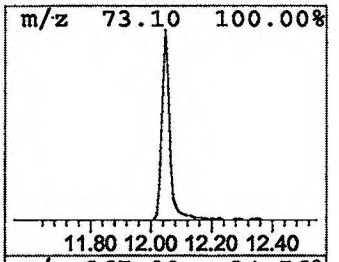
****

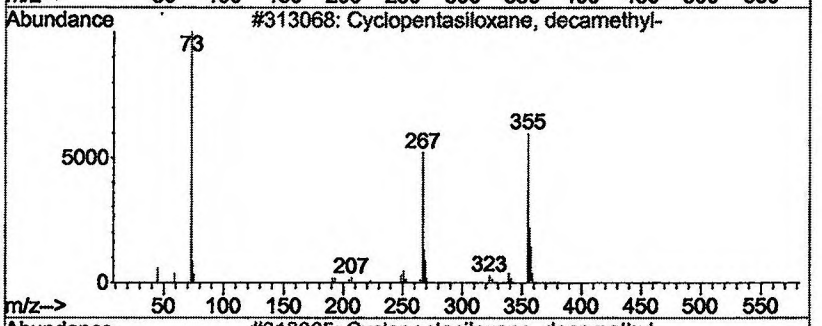
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

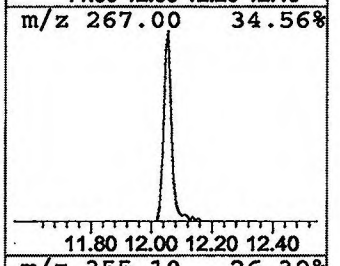
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.96 ug/L	411456	Naphthalene-d8	13.03

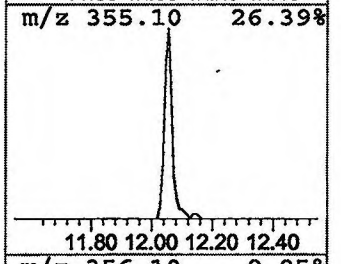
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
3	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	47
4	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	47

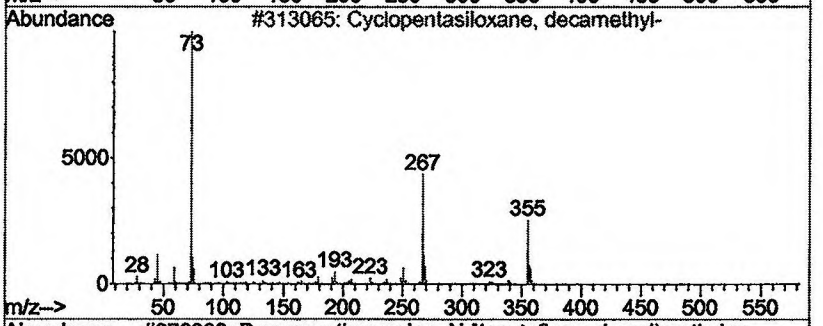


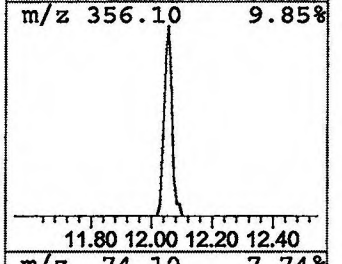


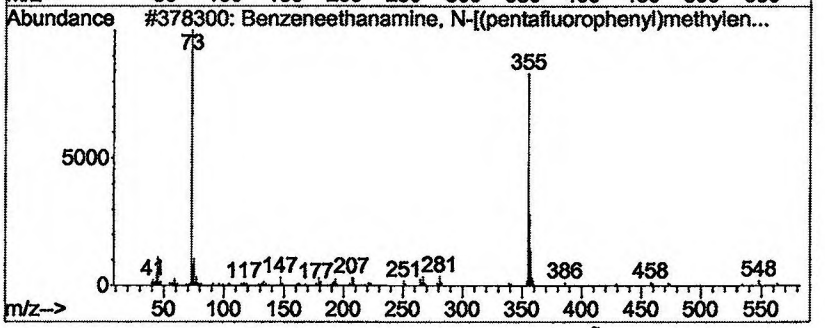


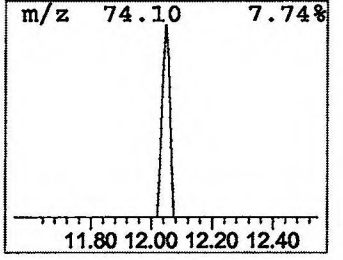












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

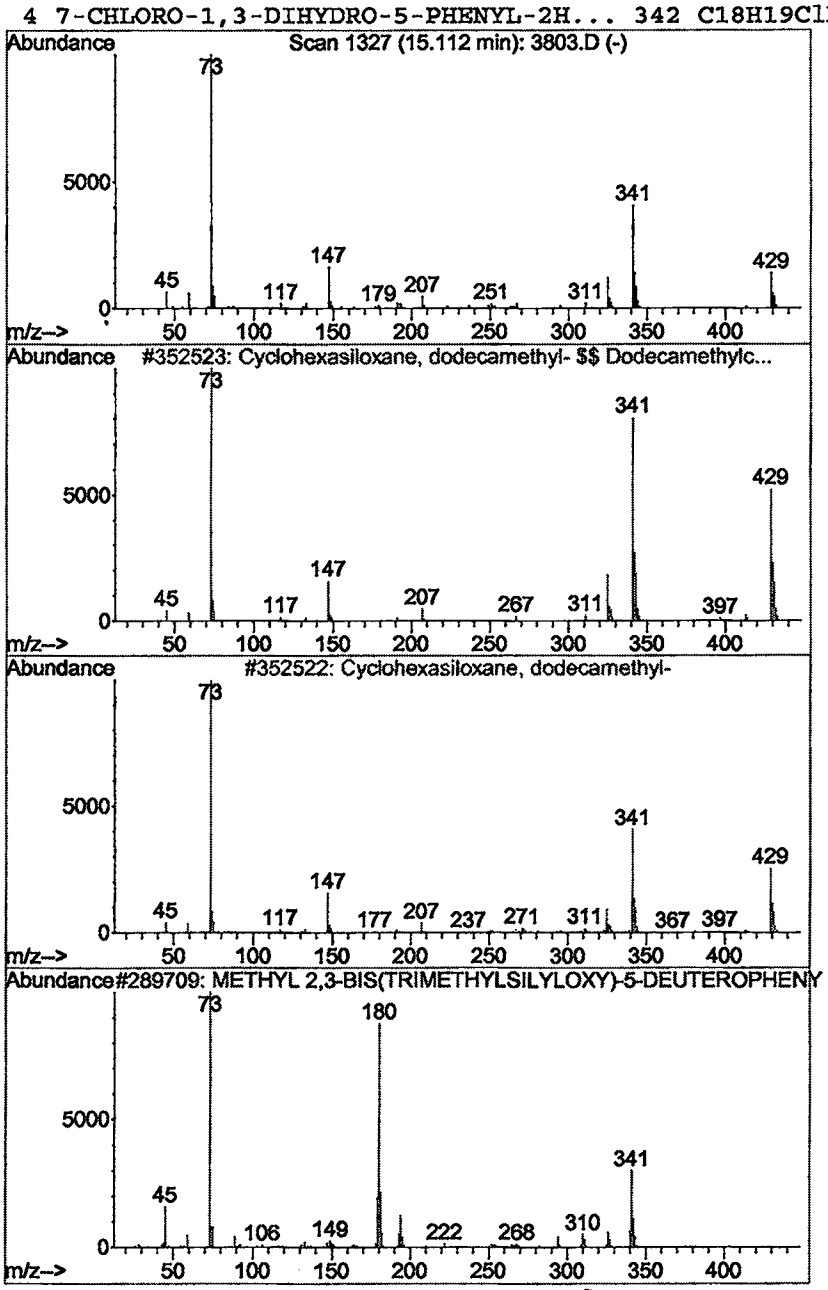
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

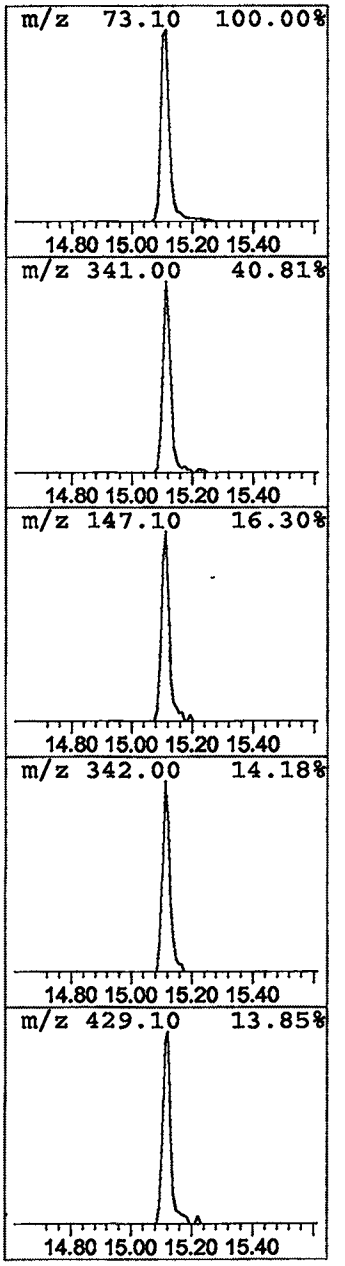
****

Peak Number 3 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	1.27 ug/L	543336	Naphthalene-d8	13.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
3	METHYL 2,3-BIS(TRIMETHYLSILYLOXY...	341	C16H27DO4Si2	000000-00-0	40
4	7-CHLORO-1,3-DIHYDRO-5-PHENYL-2H...	342	C18H19ClN2OSi	000000-00-0	18





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

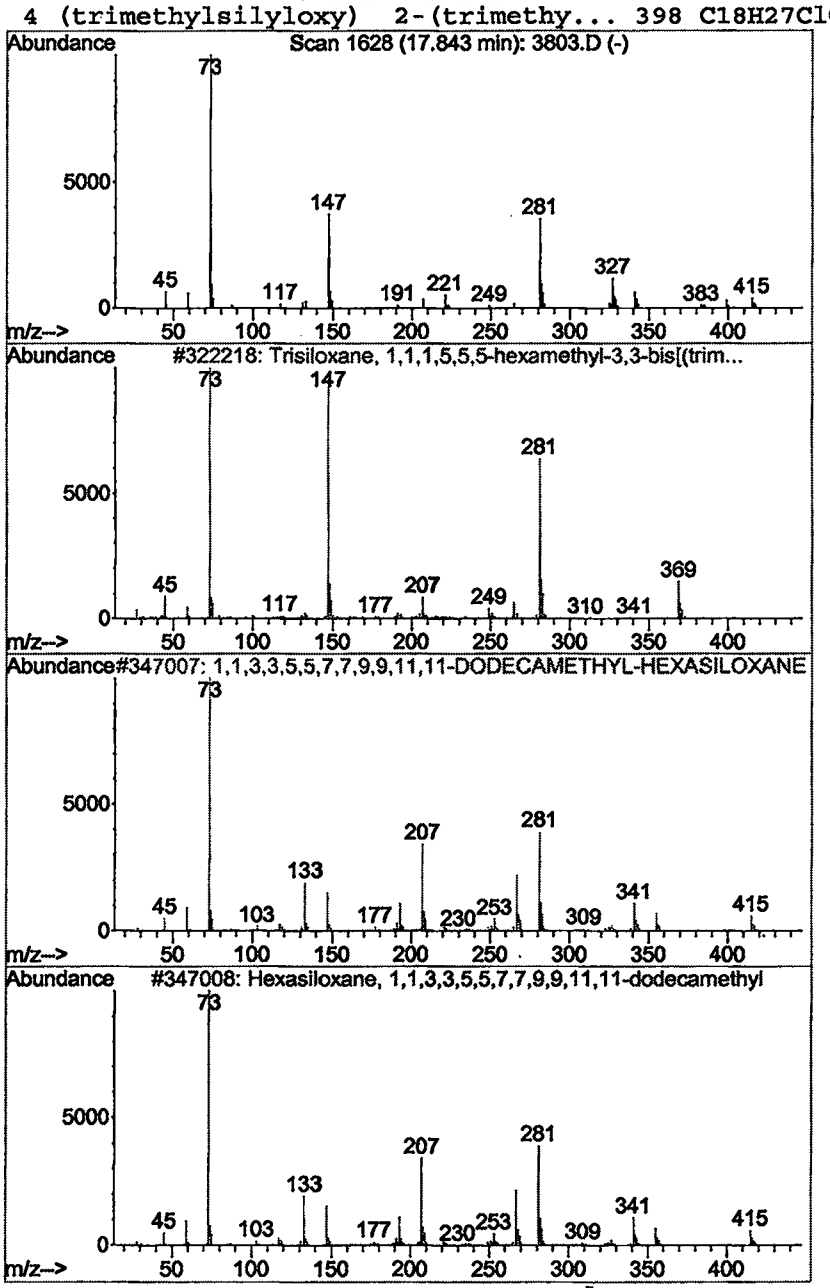
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

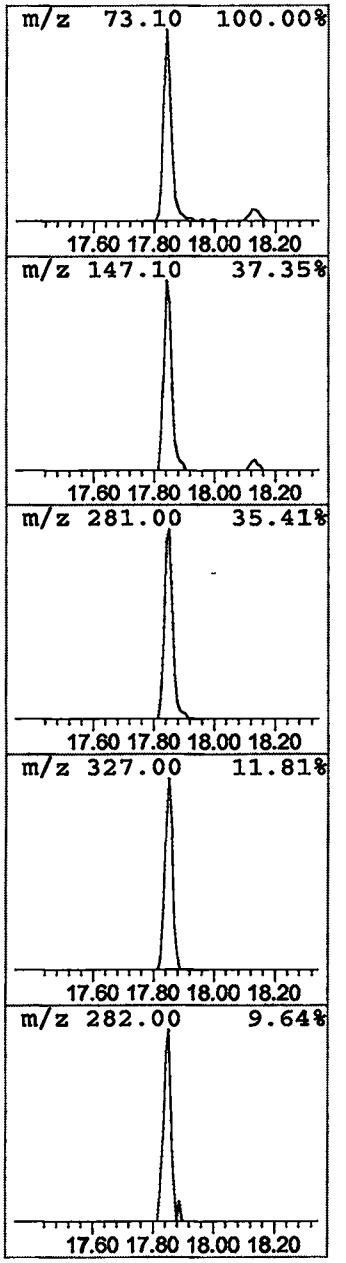
****

Peak Number 4 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	0.75 ug/L	353664	Acenaphthene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	42
2	1,1,3,3,5,5,7,7,9,9,11,11-DODECA...	430	C12H38O5Si6	000000-00-0	40
3	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	40
4	(trimethylsilyloxy) 2-(trimethy...	398	C18H27ClO4Si2	000000-00-0	28





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031902\3803.D Vial: 13
Acq On : 19 Mar 2002 9:29 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

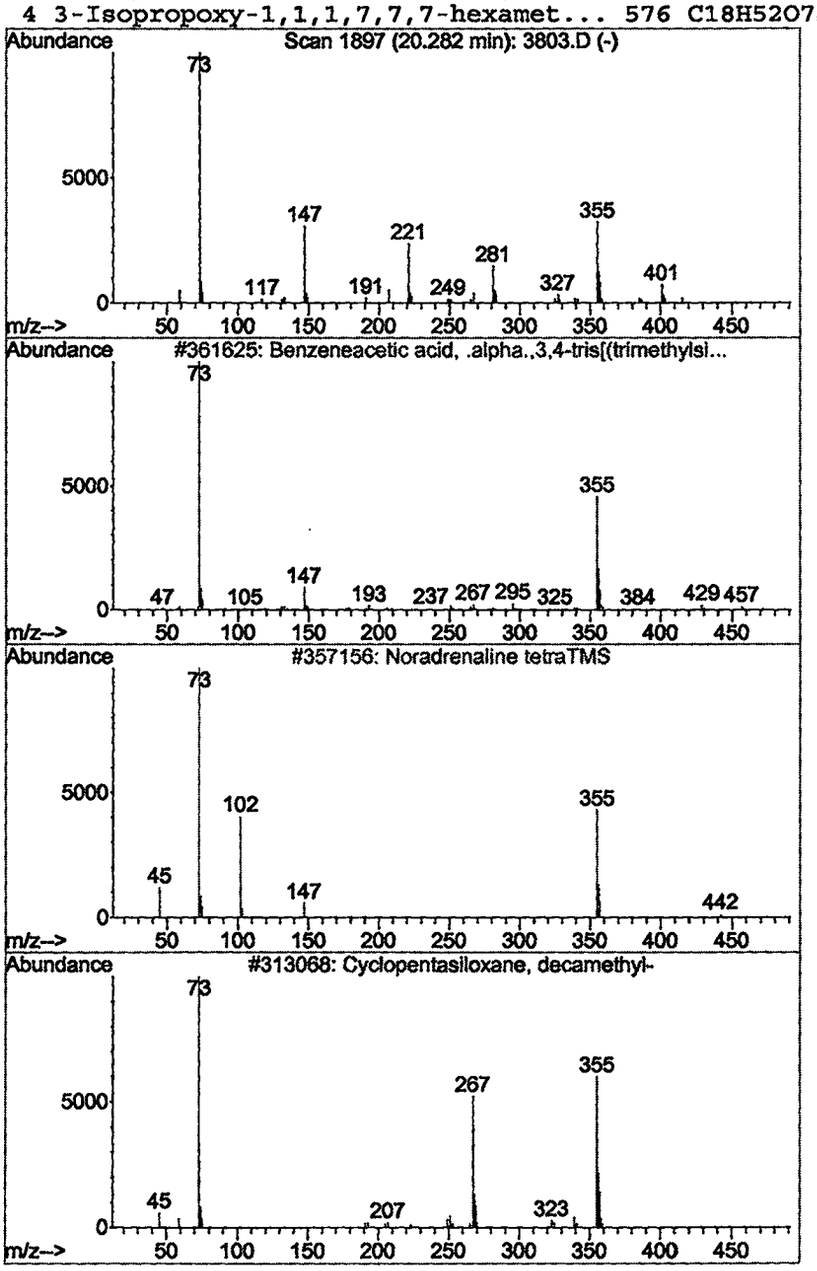
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

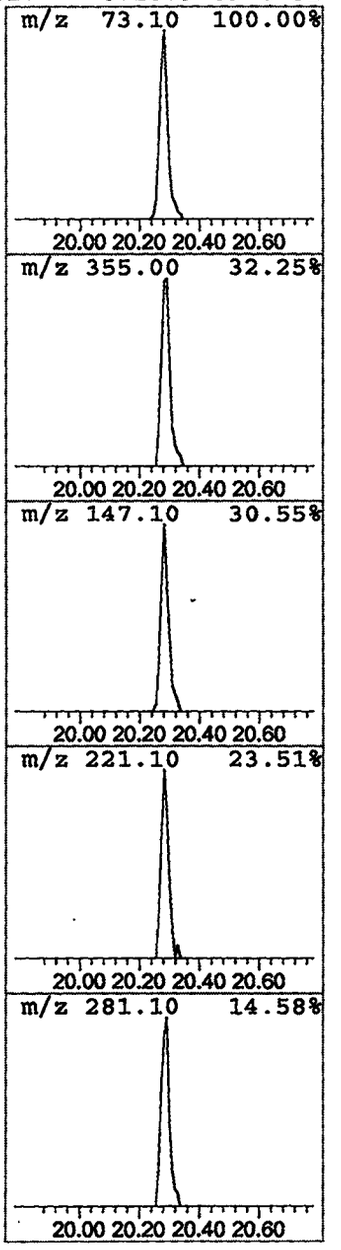
****

Peak Number 5 Benzeneacetic acid, .alpha.... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.53 ug/L	250663	Acenaphthene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	35
2	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	35
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	35
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32





Tentatively Identified Compound (LSC) summary

perator ID: McLean Date Acquired: 19 Mar 2002 9:29 pm
ata File: C:\MSDCHEM\1\DATA\031902\3803.D
ame: RE-INJ 2/20
isc:
ethod: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
itle: Quantitation For Method 508gcscan
ibrary Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Cyclotetrasiloxan...	8.91	0.5	ug/L	144801	1	9.54	6239700	20.0
Cyclopentasiloxan...	12.05	1.0	ug/L	411456	2	13.03	8575090	20.0
Cyclohexasiloxane...	15.11	1.3	ug/L	543336	2	13.03	8575090	20.0
Trisiloxane, 1,1,...	17.84	0.7	ug/L	353664	3	18.13	9436310	20.0
Benzeneacetic aci...	20.28	0.5	ug/L	250663	3	18.13	9436310	20.0