LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
Data File : VV025799.D
Acq On : 03 May 2022 17:39
Operator : SY/MD
Sample : N2615-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH0A7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025799.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.310	75	84	96	rBV	122462	129752	22.06%	2.494%
2	1.571	157	165	177	rBV	110922	126117	21.44%	2.424%
3	2.111	322	333	354	rVB	206138	299872	50.97%	5.763%
4	3.902	878	890	924	rBV2	54233	197297	33.54%	3.792%
5	4.352	1013	1030	1057	rBV	103536	261816	44.51%	5.032%
6	5.050	1231	1247	1277	rBV2	236716	588282	100.00%	11.306%
7	5.619	1413	1424	1451	rBV2	171609	358601	60.96%	6.892%
8	5.921	1505	1518	1537	rBV6	20943	48194	8.19%	0.926%
9	6.072	1553	1565	1583	rBV2	133001	278190	47.29%	5.346%
10	6.239	1604	1617	1638	rBV3	32479	65736	11.17%	1.263%
11	6.989	1836	1850	1873	rBV	51588	98784	16.79%	1.898%
12	7.316	1939	1952	1979	rBV	274541	487978	82.95%	9.378%
13	7.622	2031	2047	2063	rBV3	52602	107632	18.30%	2.069%
14	7.712	2064	2075	2088	rVB	47170	83045	14.12%	1.596%
15	7.979	2152	2158	2168	rVB5	5066	8767	1.49%	0.168%
16	8.088	2183	2192	2230	rBV	216794	431869	73.41%	8.300%
17	8.853	2417	2430	2453	rBV	283036	475778	80.88%	9.144%
18	10.217	2842	2854	2867	rBV	80103	127738	21.71%	2.455%
19	10.866	3045	3056	3063	rBV4	5057	7739	1.32%	0.149%
20	11.249	3165	3175	3195	rVB	283212	443087	75.32%	8.516%
21	11.519	3249	3259	3274	rBV3	7403	11638	1.98%	0.224%
22	11.622	3278	3291	3311	rBV	240737	381327	64.82%	7.329%
23	12.043	3413	3422	3433	rVB8	4758	8378	1.42%	0.161%
24	12.194	3462	3469	3476	rVB4	6654	9106	1.55%	0.175%
25	13.750	3945	3953	3972	rVB8	9239	20476	3.48%	0.394%
26	14.827	4276	4288	4301	rVB4	8716	17628	3.00%	0.339%
27	15.499	4487	4497	4514	rBV	78924	120595	20.50%	2.318%
28	16.303	4740	4747	4758	rBV6	5443	7857	1.34%	0.151%

Sum of corrected areas: 5203279

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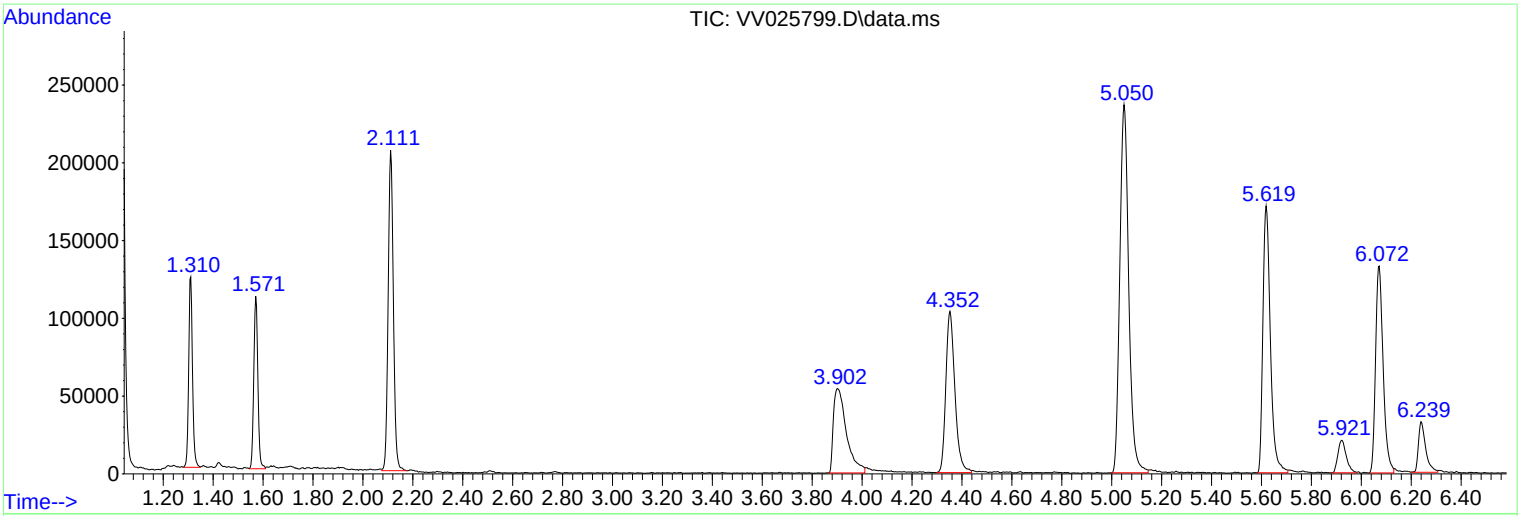
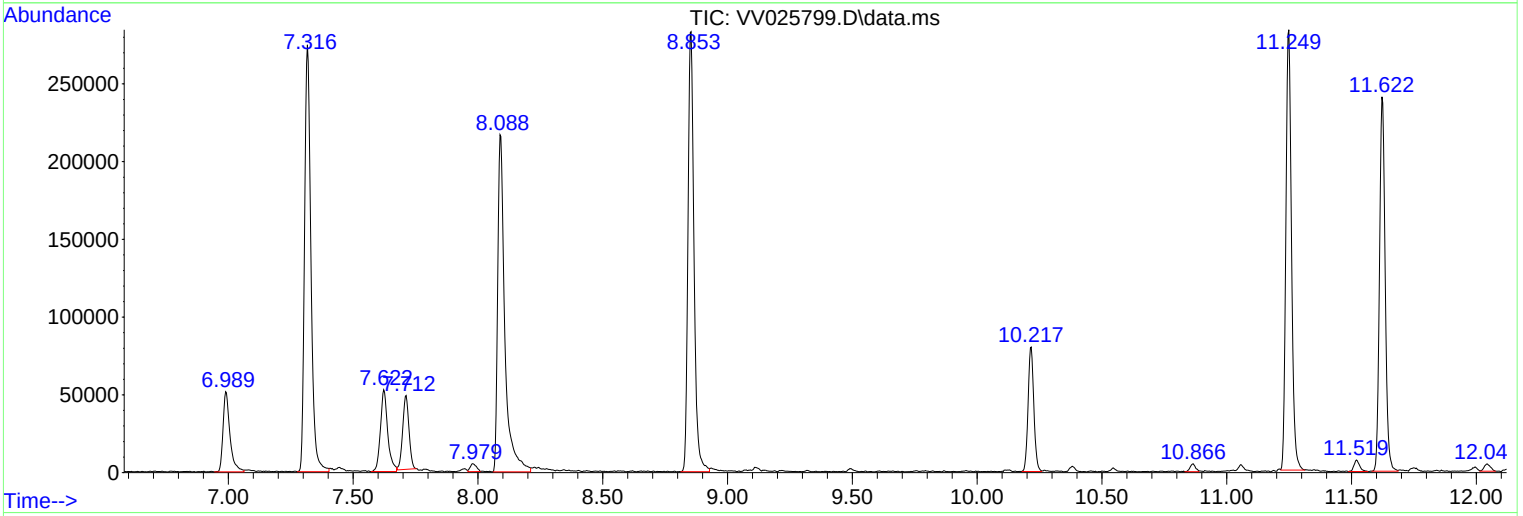
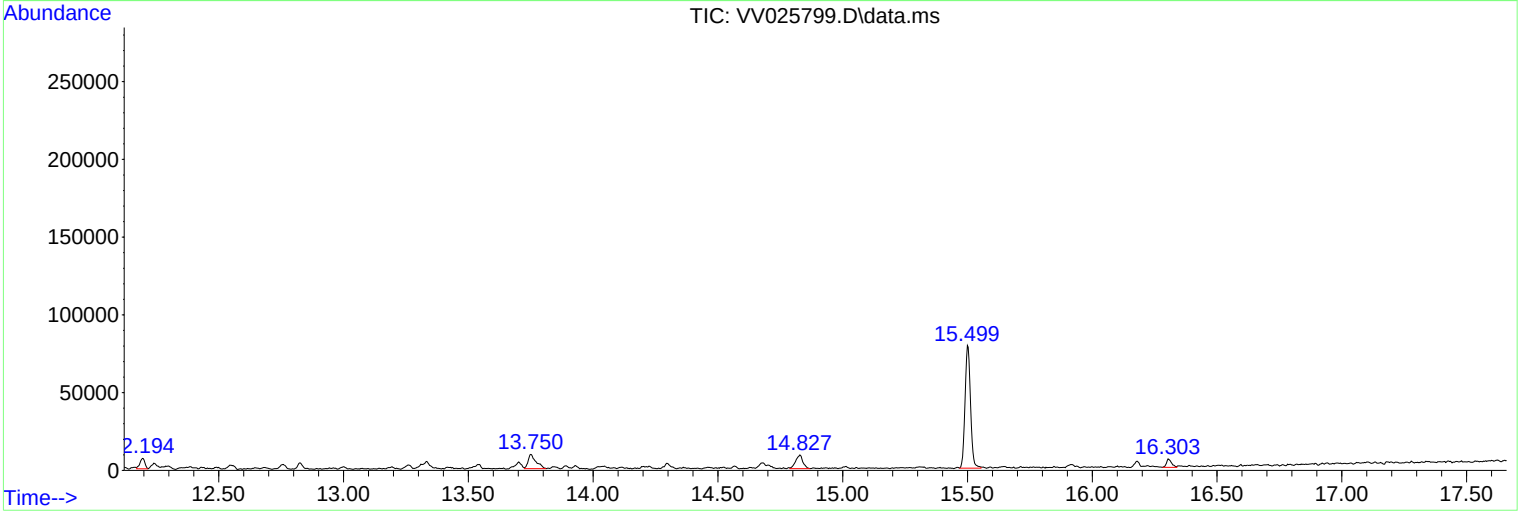
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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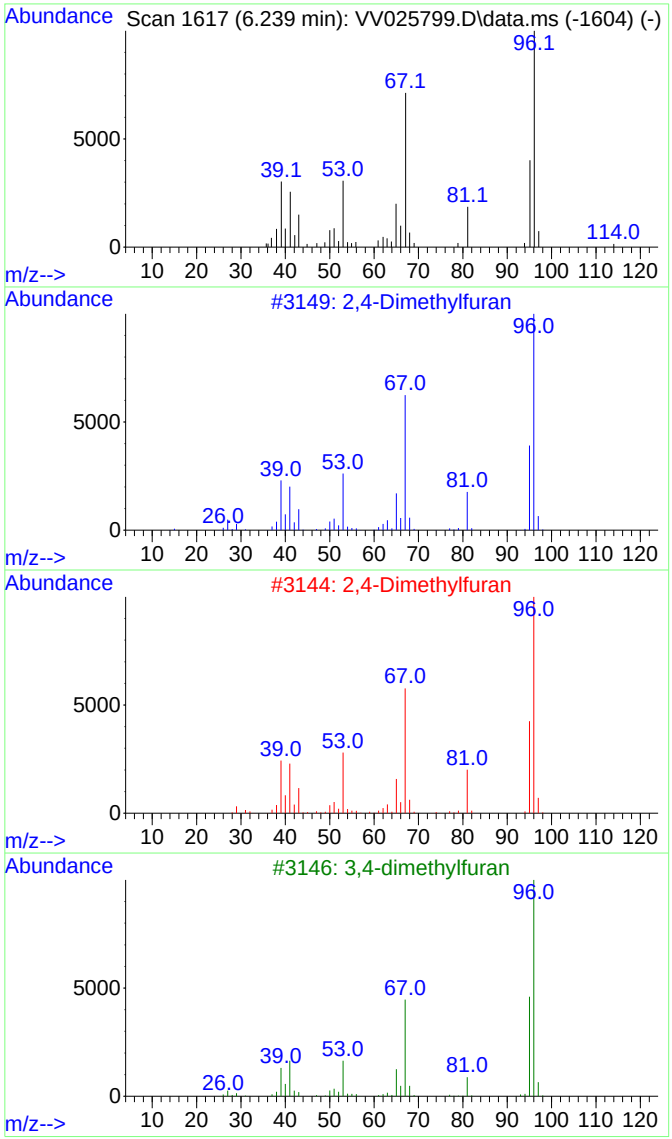
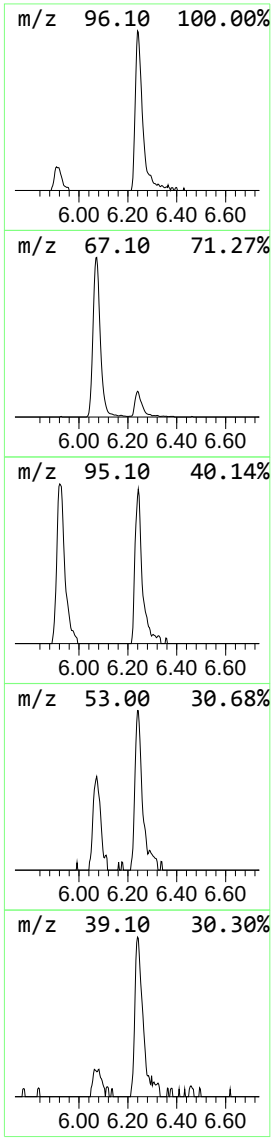
****
Peak Number 1 2,4-Dimethylfuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	0.92 ug/L	65736	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylfuran	96	C6H8O	003710-43-8	95
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	94
3	3,4-dimethylfuran	96	C6H8O	1000458-50-4	94
4	3-Heptyne	96	C7H12	002586-89-2	53
5	2,3-dimethylfuran	96	C6H8O	1000458-49-9	47





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ClientSampleId :
BH0A7

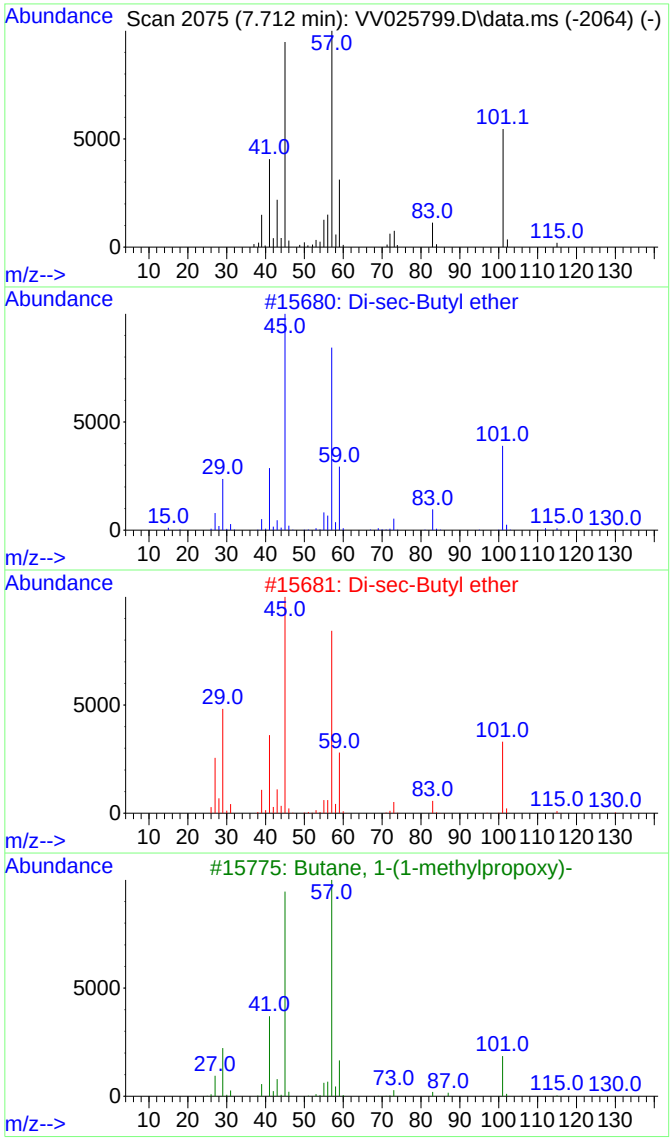
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

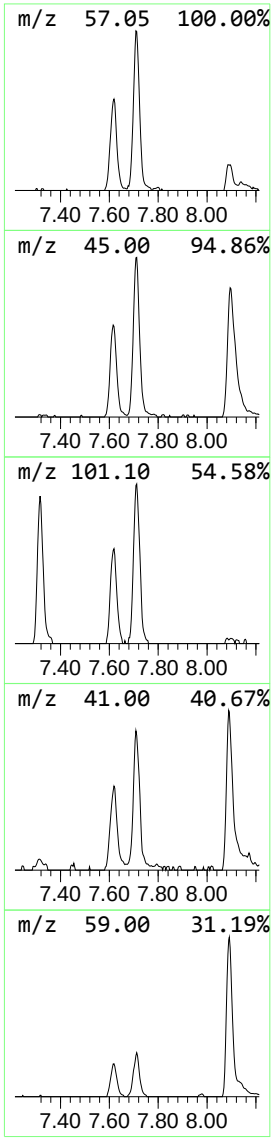
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Di-sec-Butyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.712	0.87 ug/L	83045	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	78
2	Di-sec-Butyl ether	130	C8H18O	006863-58-7	74
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	72
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	64
5	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	50





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Instrument :
MSVOA_V
ClientSampleId :
BH0A7

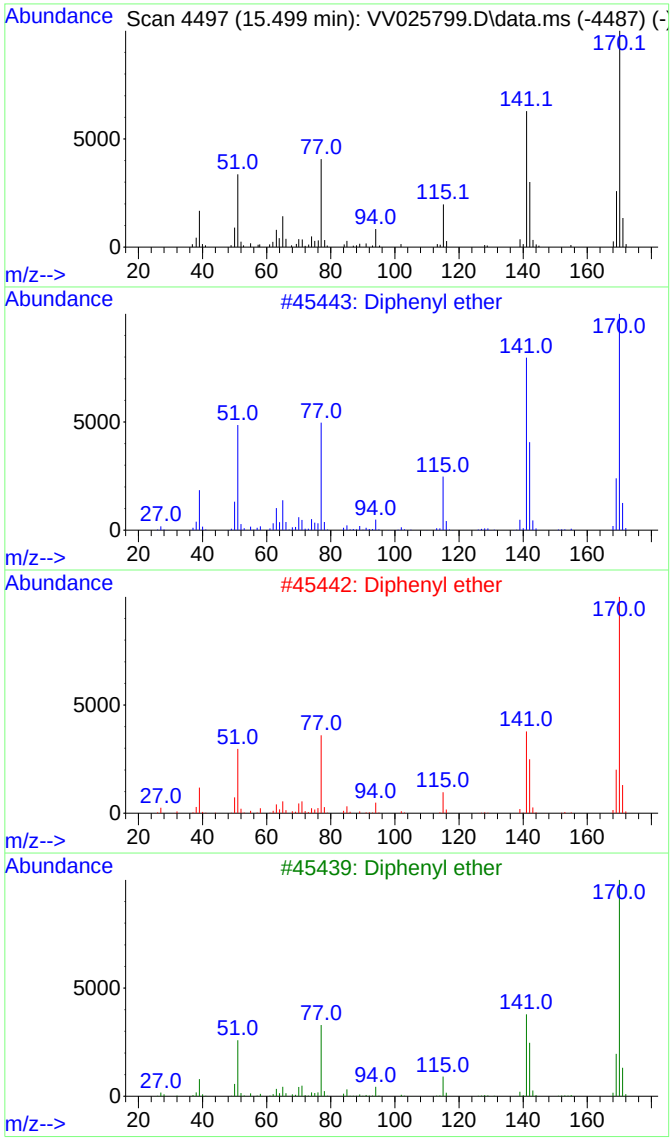
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0

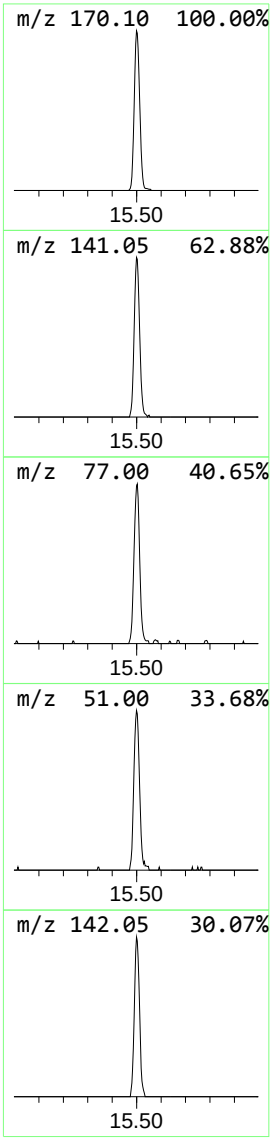
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diphenyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	1.36 ug/L	120595	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	95
2	Diphenyl ether	170	C12H10O	000101-84-8	94
3	Diphenyl ether	170	C12H10O	000101-84-8	94
4	Diphenyl ether	170	C12H10O	000101-84-8	91
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	76





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4-Dimethylfuran	6.239	0.9	ug/L	65736	1	5.619	358601	5.0
Di-sec-Butyl ether	7.712	0.9	ug/L	83045	2	8.853	475778	5.0
Diphenyl ether	15.499	1.4	ug/L	120595	3	11.249	443087	5.0