LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
Data File : VU060431.D
Acq On : 13 Aug 2024 17:43
Operator : MD/SY
Sample : P3501-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BX1

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_U\Method\SFAMUTR080824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	84	95	109	rVB2	33314	46805	14.88%	1.755%
2	1.907	184	192	208	rBV	31671	42772	13.60%	1.604%
3	2.560	385	395	410	rVB	52551	84846	26.97%	3.181%
4	2.644	410	421	442	rBV	16998	44027	14.00%	1.651%
5	3.232	578	604	607	rBV5	6649	19915	6.33%	0.747%
6	4.428	963	976	995	rBV2	8071	20377	6.48%	0.764%
7	4.627	1029	1038	1064	rBV	45241	134465	42.75%	5.042%
8	5.055	1157	1171	1191	rBV	62733	139908	44.48%	5.246%
9	5.717	1359	1377	1408	rBV3	112402	296941	94.40%	11.134%
10	6.242	1528	1540	1560	rBV2	95767	188823	60.03%	7.080%
11	6.685	1664	1678	1696	rBV2	75777	150259	47.77%	5.634%
12	7.161	1814	1826	1840	rVB3	10708	21601	6.87%	0.810%
13	7.563	1940	1951	1966	rBV	30183	52812	16.79%	1.980%
14	7.894	2042	2054	2075	rBV	119014	213803	67.97%	8.017%
15	8.177	2131	2142	2157	rBV2	17088	31091	9.88%	1.166%
16	8.467	2225	2232	2247	rVB4	4866	8606	2.74%	0.323%
17	8.627	2272	2282	2296	rBV	166917	314554	100.00%	11.794%
18	9.412	2514	2526	2550	rBV	146316	248332	78.95%	9.311%
19	10.749	2928	2942	2961	rBV	64577	104742	33.30%	3.927%
20	10.888	2975	2985	2999	rBV	9720	15113	4.80%	0.567%
21	11.579	3192	3200	3210	rBV5	6457	8697	2.76%	0.326%
22	11.807	3259	3271	3288	rBV	134550	220386	70.06%	8.263%
23	11.888	3288	3296	3313	rVB3	10400	19901	6.33%	0.746%
24	12.061	3341	3350	3364	rBV3	5015	10060	3.20%	0.377%
25	12.187	3378	3389	3406	rBV	128462	213046	67.73%	7.988%
26	12.769	3559	3570	3578	rBV3	3892	6311	2.01%	0.237%
27	13.376	3749	3759	3774	rBV5	5140	8789	2.79%	0.330%

Sum of corrected areas: 2666982

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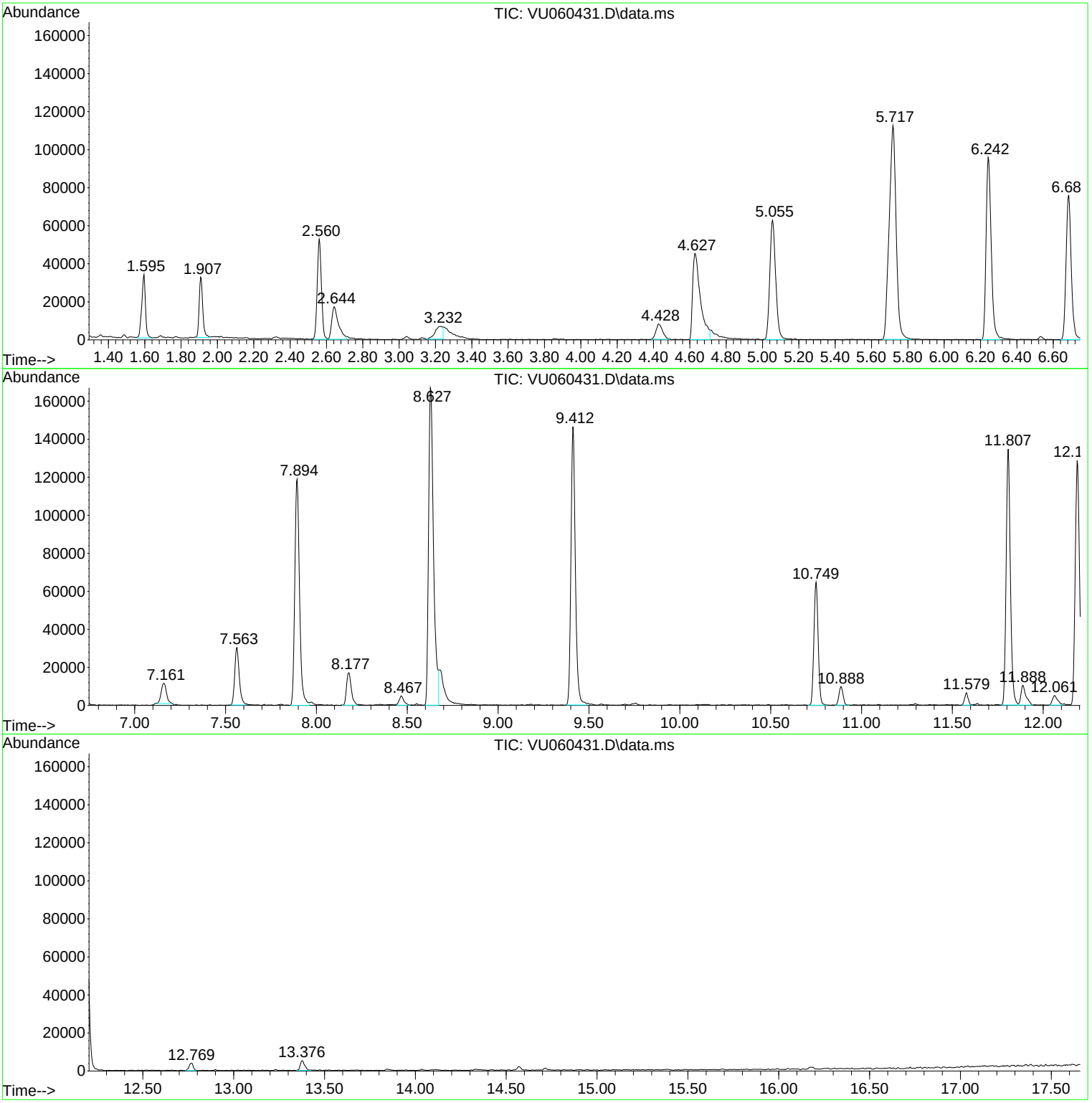
C0BX1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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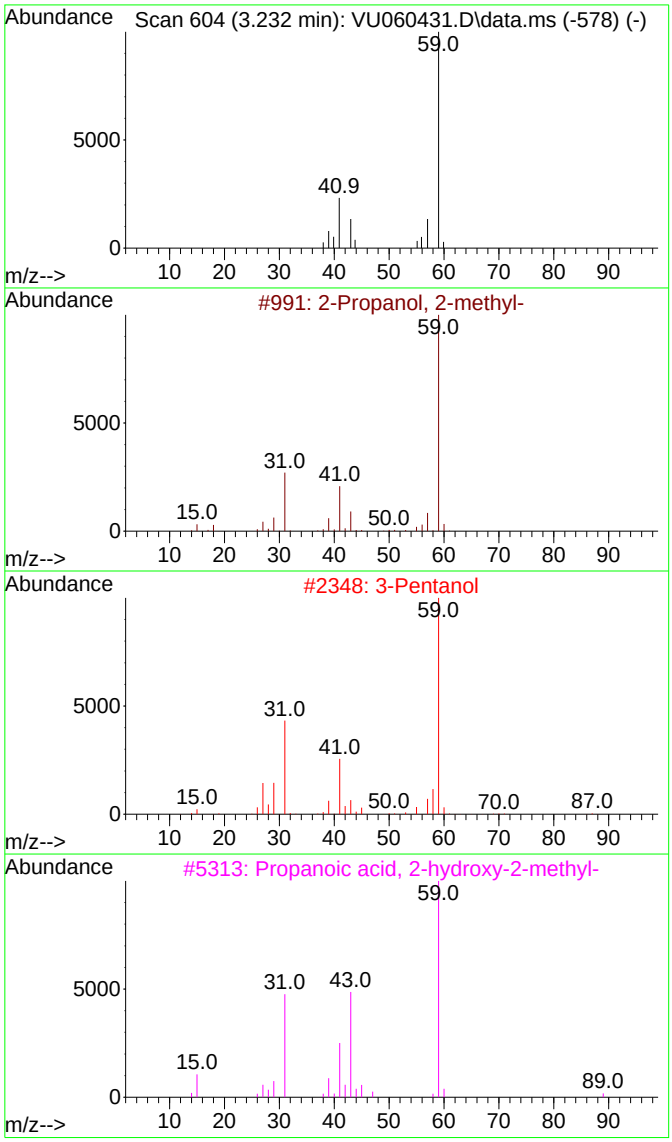
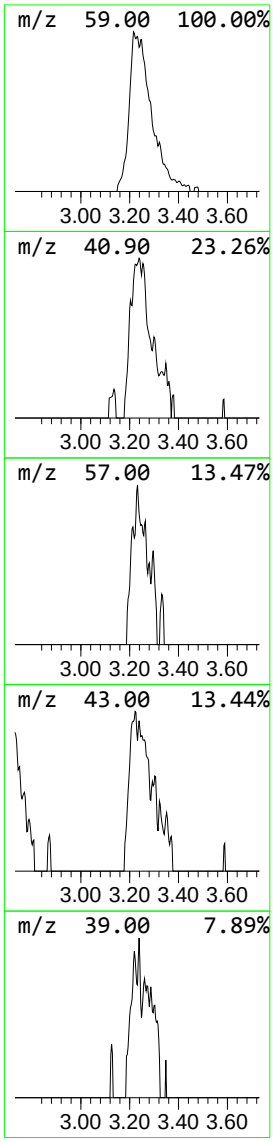
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.232	0.53 ug/L	19915	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	74
2	3-Pentanol	88	C5H12O	000584-02-1	9
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9
4	Propylamine	59	C3H9N	000107-10-8	7
5	Acetaldoxime	59	C2H5NO	000107-29-9	7





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Instrument :
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ClientSampleId :
C0BX1

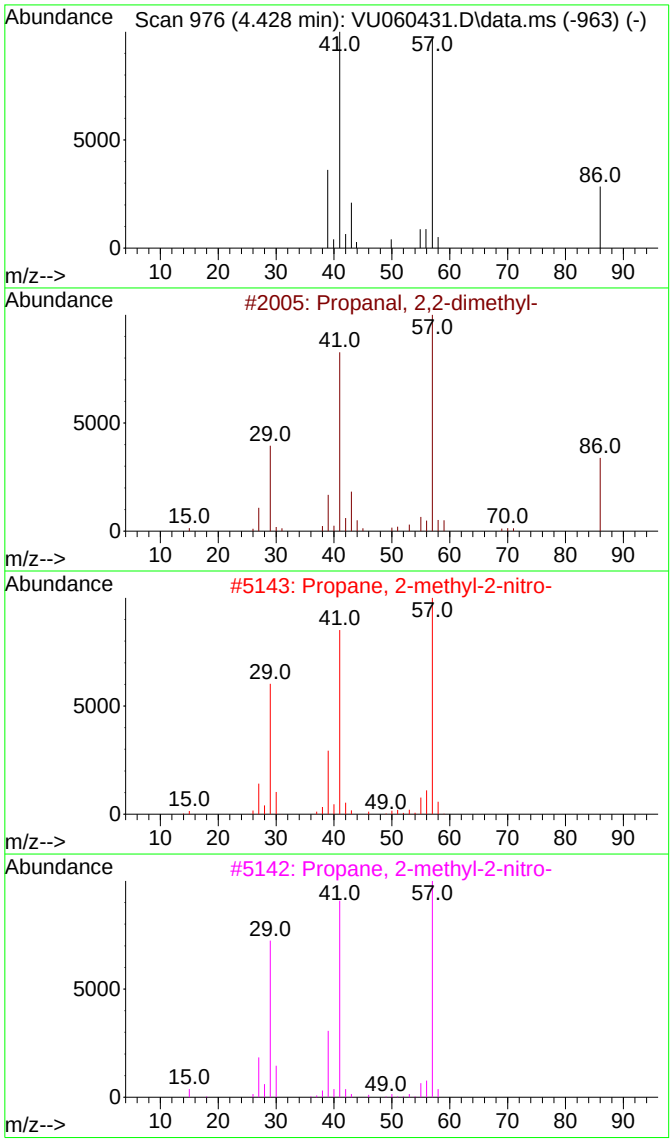
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0

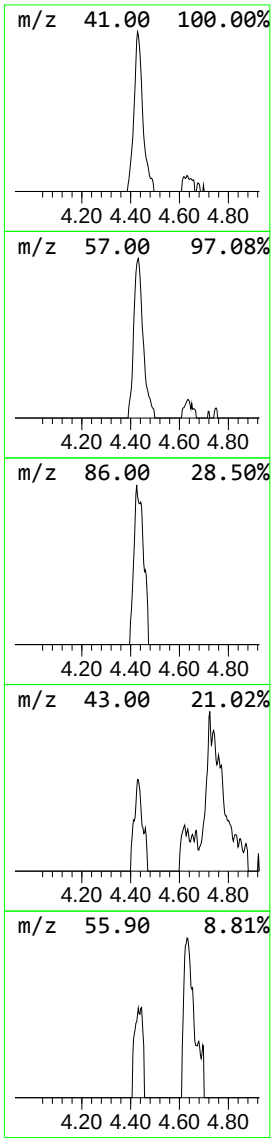
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanal, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.428	0.54 ug/L	20377	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	83
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	53
3	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	36
4	3-Pentanone	86	C5H10O	000096-22-0	9
5	n-Hexane	86	C6H14	000110-54-3	9





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Instrument :
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ClientSampleId :
C0BX1

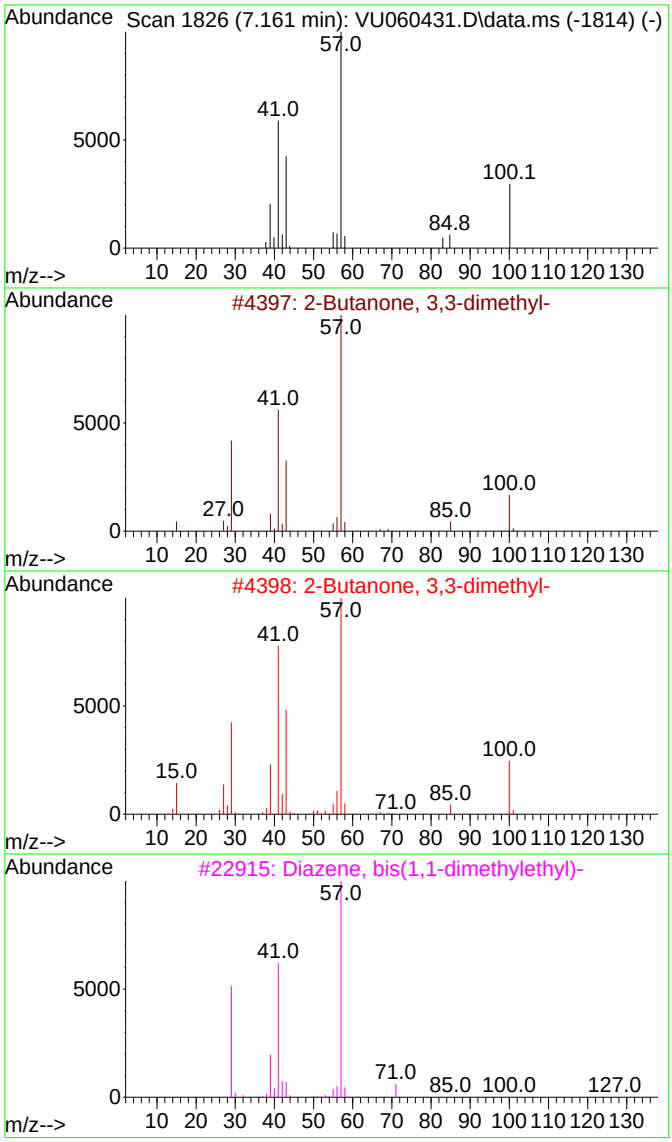
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0

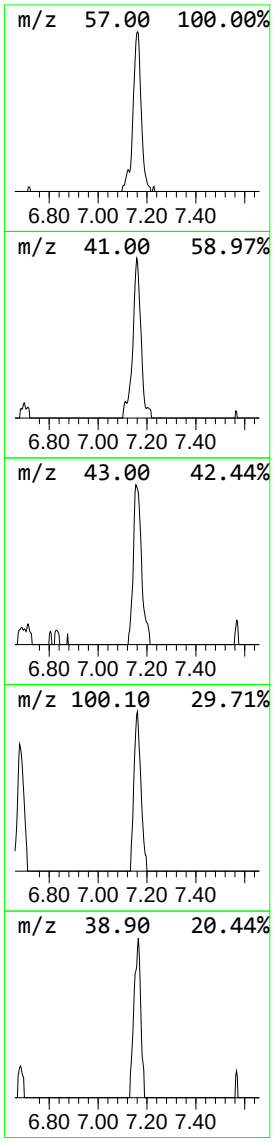
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butanone, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.161	0.57 ug/L	21601	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	80
2	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	72
3	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	37
4	Pivalyl chloride	120	C5H9ClO	003282-30-2	25
5	cis-1-Ethoxy-1-butene	100	C6H12O	1000139-43-8	9





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-Propanol, 2-m...	3.232	0.5	ug/L	19915	1	6.242	188823	5.0
Propanal, 2,2-d...	4.428	0.5	ug/L	20377	1	6.242	188823	5.0
2-Butanone, 3,3...	7.161	0.6	ug/L	21601	1	6.242	188823	5.0