LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049274.D
Acq On : 18 Jun 2022 03:17
Operator : SY/MD
Sample : N3256-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

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\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049274.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.498	39	49	70	rBV	39613	154986	26.84%	3.786%
2	1.597	74	80	90	rVB	55487	68175	11.81%	1.665%
3	1.912	171	178	191	rVB	42772	56182	9.73%	1.372%
4	2.453	338	346	357	rVB4	4379	8254	1.43%	0.202%
5	2.568	371	382	395	rVB	75510	123154	21.33%	3.008%
6	2.797	441	453	459	rBV2	6028	11628	2.01%	0.284%
7	3.588	687	699	715	rBV4	3778	9718	1.68%	0.237%
8	4.636	1011	1025	1052	rBV	84094	243176	42.12%	5.940%
9	5.067	1142	1159	1184	rVB4	85871	241454	41.82%	5.898%
10	5.726	1344	1364	1392	rBV2	151551	397675	68.87%	9.714%
11	6.160	1487	1499	1513	rBV3	3942	9820	1.70%	0.240%
12	6.250	1513	1527	1548	rVV	153470	289124	50.07%	7.062%
13	6.517	1601	1610	1623	rBV7	4310	7718	1.34%	0.189%
14	6.690	1651	1664	1682	rVV	100114	195234	33.81%	4.769%
15	7.163	1798	1811	1831	rBV3	33552	68898	11.93%	1.683%
16	7.565	1925	1936	1954	rBV	48754	85690	14.84%	2.093%
17	7.713	1965	1982	2001	rBV3	18575	35855	6.21%	0.876%
18	7.899	2026	2040	2054	rBV	172663	302991	52.47%	7.401%
19	7.967	2054	2061	2073	rVB	6499	11887	2.06%	0.290%
20	8.179	2116	2127	2142	rBV	29024	49518	8.58%	1.210%
21	8.636	2257	2269	2303	rBV	305603	577405	100.00%	14.104%
22	9.417	2500	2512	2531	rBV	210692	349467	60.52%	8.536%
23	9.681	2585	2594	2607	rVB5	6640	12178	2.11%	0.297%
24	10.758	2917	2929	2947	rBV	86454	137800	23.87%	3.366%
25	11.812	3244	3257	3275	rBV	217286	348030	60.27%	8.501%
26	12.192	3362	3375	3396	rBV	182477	297986	51.61%	7.279%

Sum of corrected areas: 4094003

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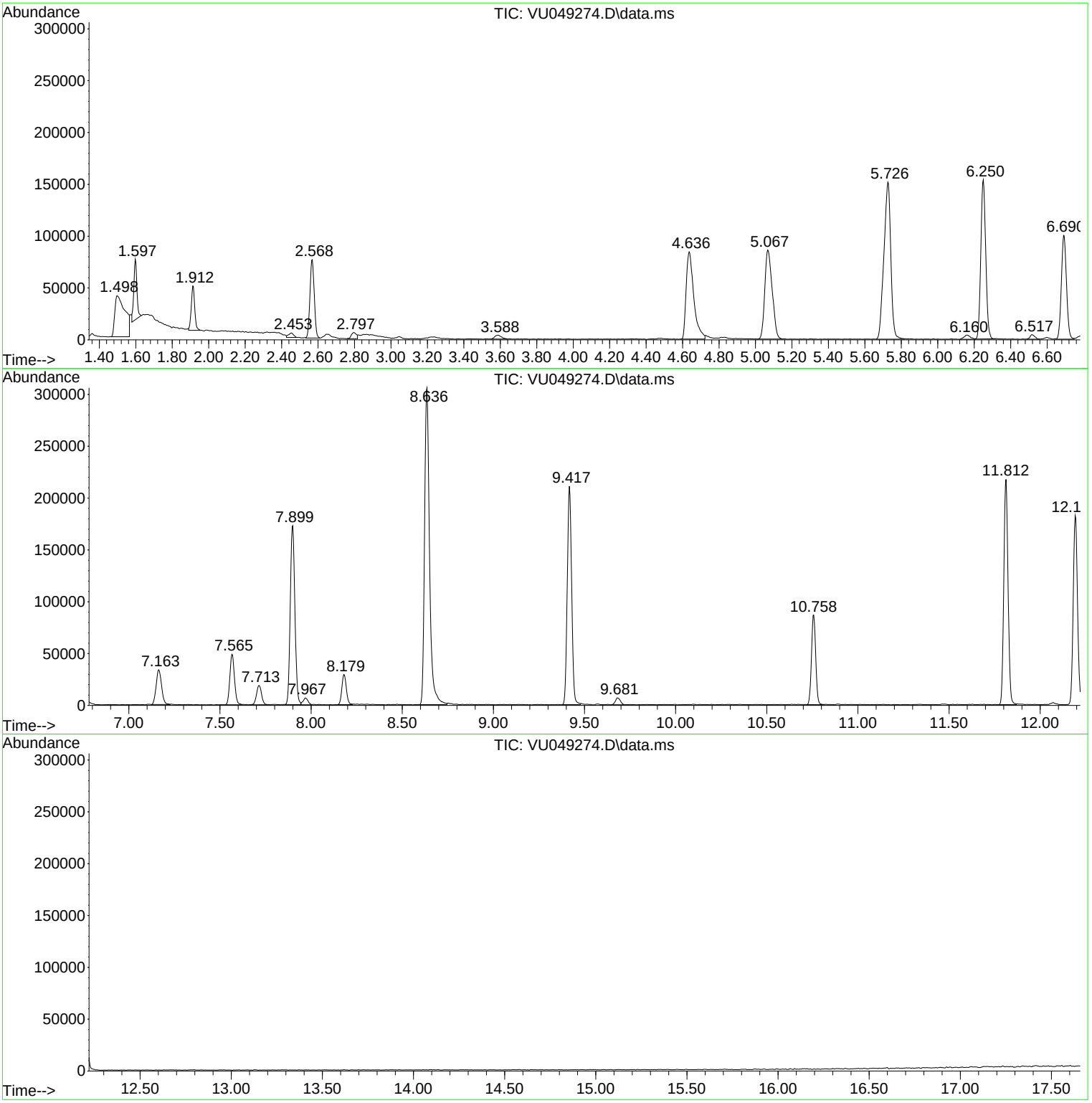
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Quant Title : TRACE VOA SFAM1.0

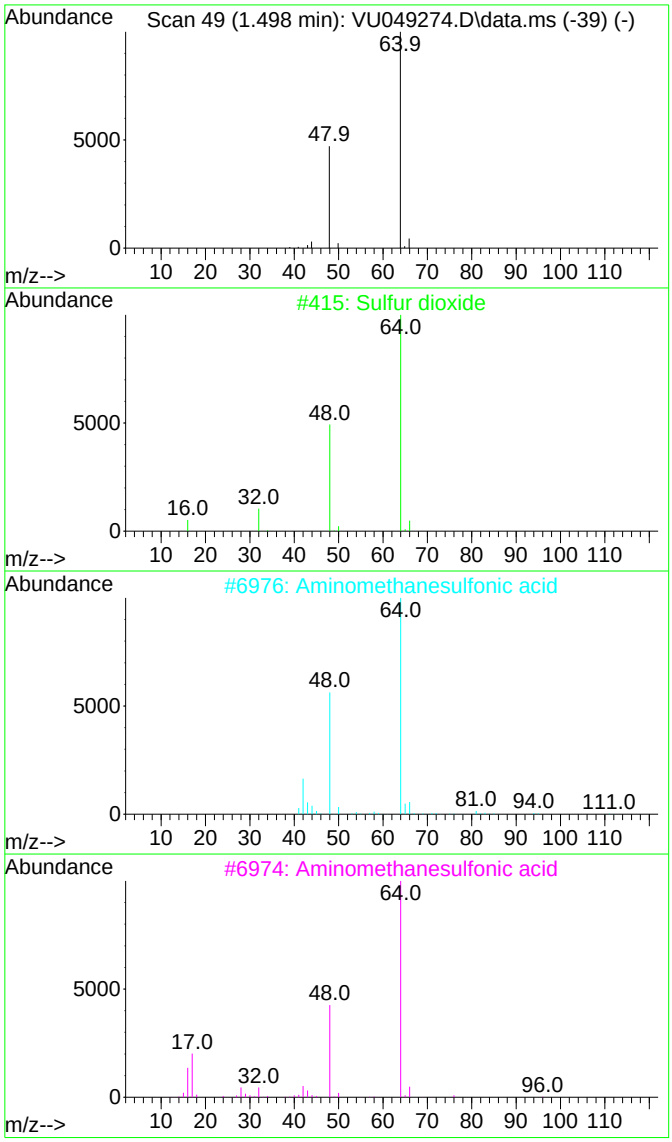
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

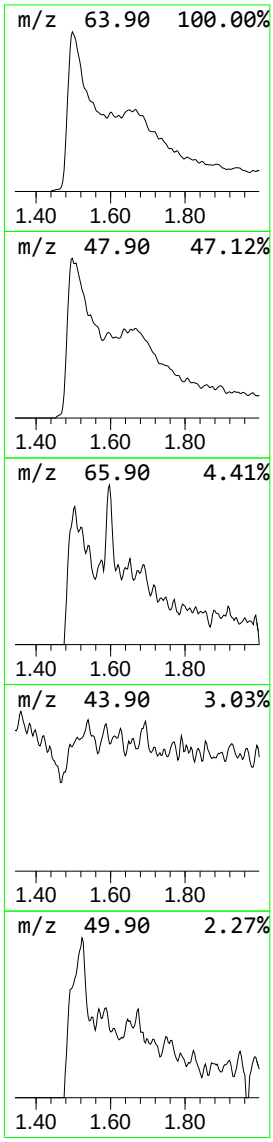
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.498	2.68 ug/L	154986	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5





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Instrument :
MSVOA_U
ClientSampleId :
C0AK1

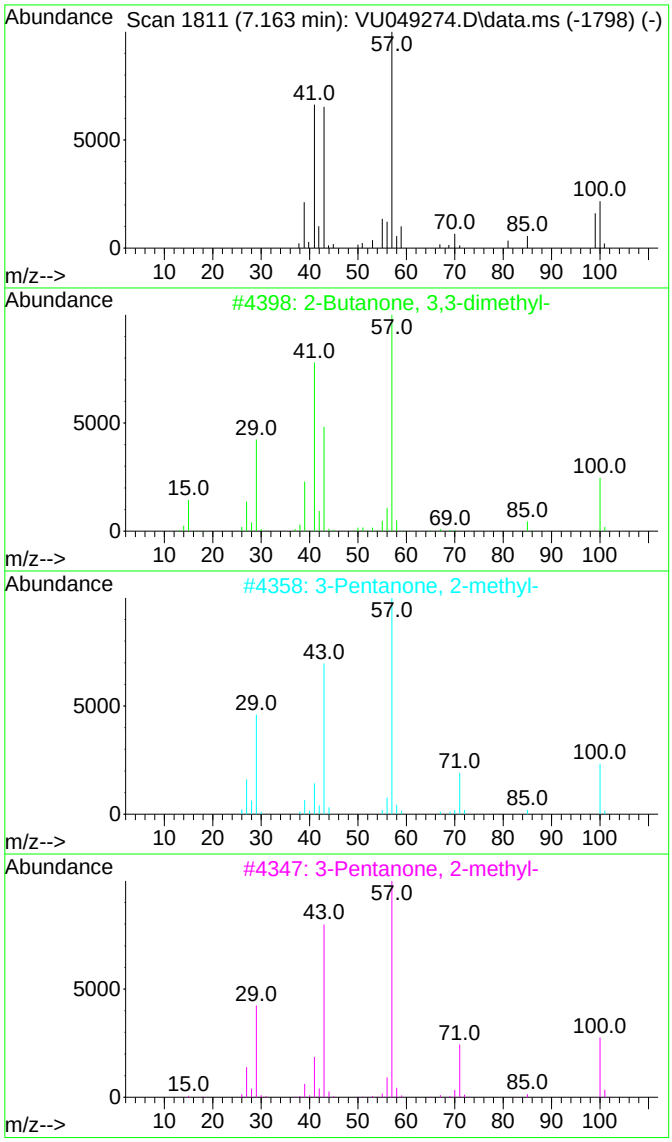
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

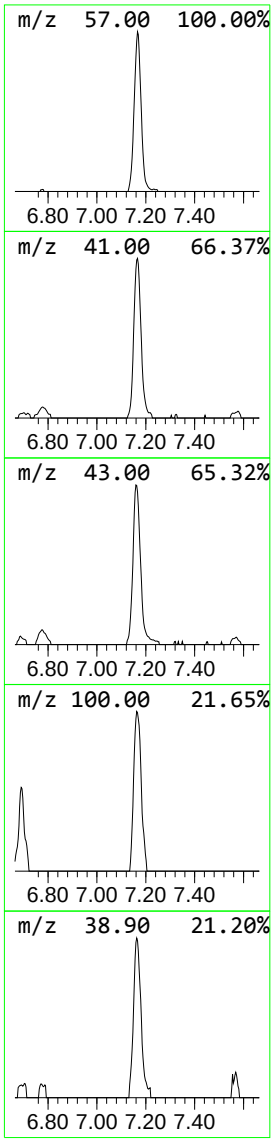
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	1.19 ug/L	68898	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	58
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	52
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	50
4	Butane, 2,3-dimethyl-2,3-dinitro-	176	C6H12N2O4	003964-18-9	50
5	2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	47





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

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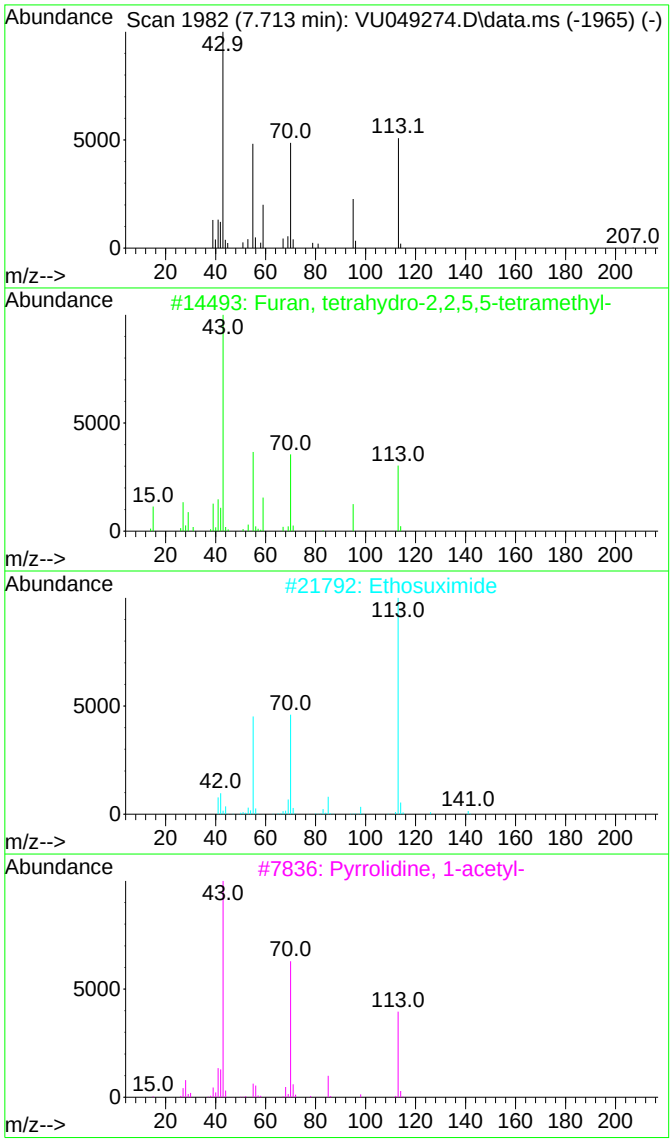
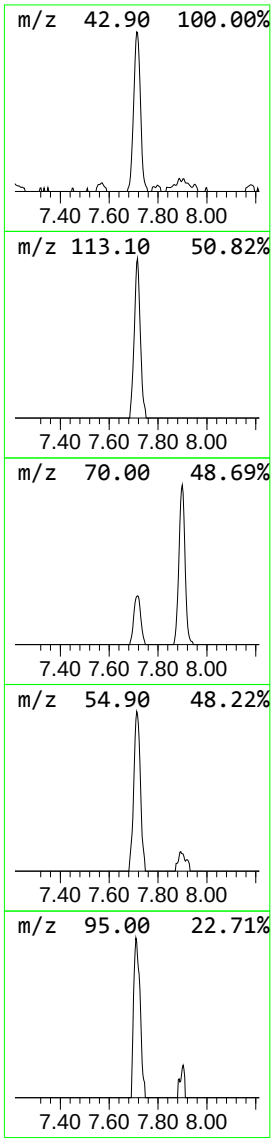
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.713	0.62 ug/L	35855	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	64
2	Ethosuximide	141	C7H11NO2	000077-67-8	47
3	Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	42
4	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	38
5	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	38





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
Sulfur dioxide	1.498	2.7	ug/L	154986	1	6.250	289124	5.0
2-Butanone, 3,3...	7.163	1.2	ug/L	68898	1	6.250	289124	5.0
Furan, tetrahyd...	7.713	0.6	ug/L	35855	1	6.250	289124	5.0