LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
Data File : BG023315.D
Acq On : 28 Jul 2016 20:26
Operator : UM/SJ
Sample : H4205-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-39-6.0-7.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.003	23	28	44	rVB	1846292	2597759	27.49%	4.236%
2	5.194	394	401	409	rBV	511675	761048	8.05%	1.241%
3	5.670	475	482	495	rBV	2278034	3682446	38.97%	6.005%
4	7.285	749	757	771	rBV	2353341	4323372	45.75%	7.050%
5	7.661	814	821	830	rBV	2308478	4013794	42.47%	6.545%
6	8.137	895	902	909	rBV	605490	1066221	11.28%	1.739%
7	8.460	950	957	966	rBV	1677263	2920621	30.90%	4.762%
8	9.312	1095	1102	1110	rBV	1474739	2654536	28.09%	4.329%
9	10.974	1377	1385	1392	rBV	933149	1717643	18.18%	2.801%
10	13.418	1794	1801	1816	rBV	3983982	6375244	67.46%	10.396%
11	14.246	1936	1942	1949	rBV	929505	1370627	14.50%	2.235%
12	14.810	2029	2038	2049	rBV2	1626378	2740736	29.00%	4.469%
13	16.302	2286	2292	2302	rBV	3512999	5646786	59.75%	9.208%
14	16.496	2321	2325	2334	rBV2	74011	151061	1.60%	0.246%
15	17.295	2456	2461	2466	rBV	76809	103471	1.09%	0.169%
16	17.571	2500	2508	2516	rBV2	2245373	3609118	38.19%	5.885%
17	18.441	2653	2656	2664	rBV5	81785	150009	1.59%	0.245%
18	20.179	2945	2952	2961	rBV	6951396	9450320	100.00%	15.410%
19	21.889	3235	3243	3255	rVB	2348308	4092832	43.31%	6.674%
20	25.296	3812	3823	3835	rBV2	1305377	3898475	41.25%	6.357%

Sum of corrected areas: 61326119

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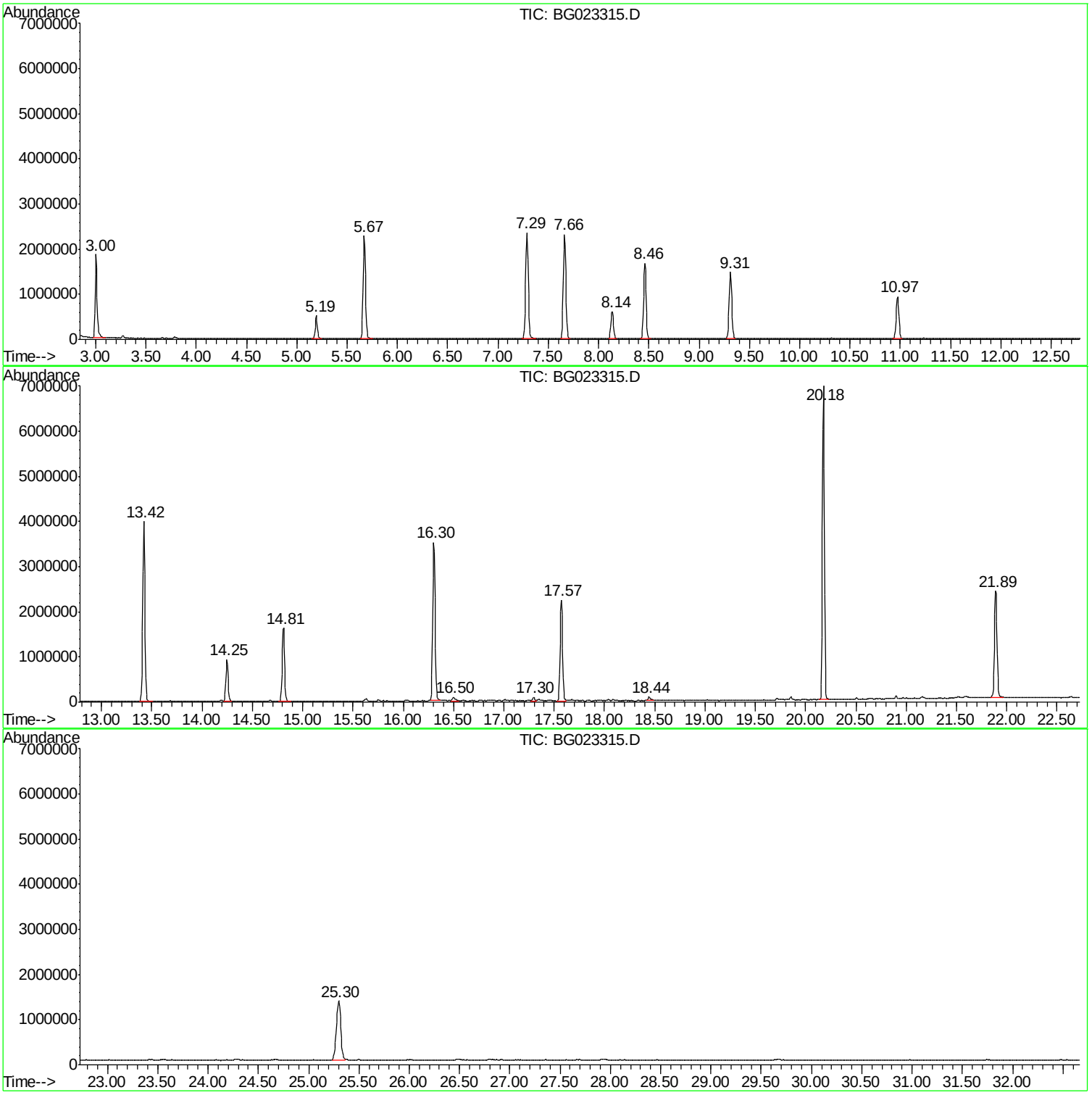
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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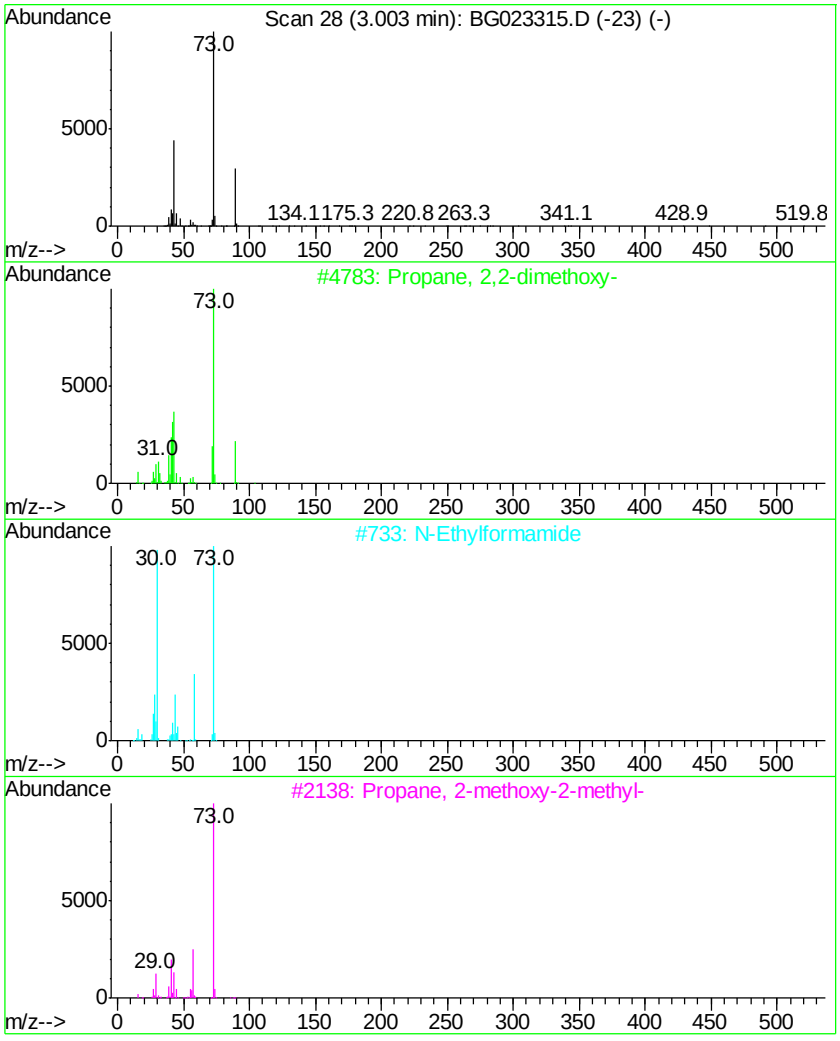
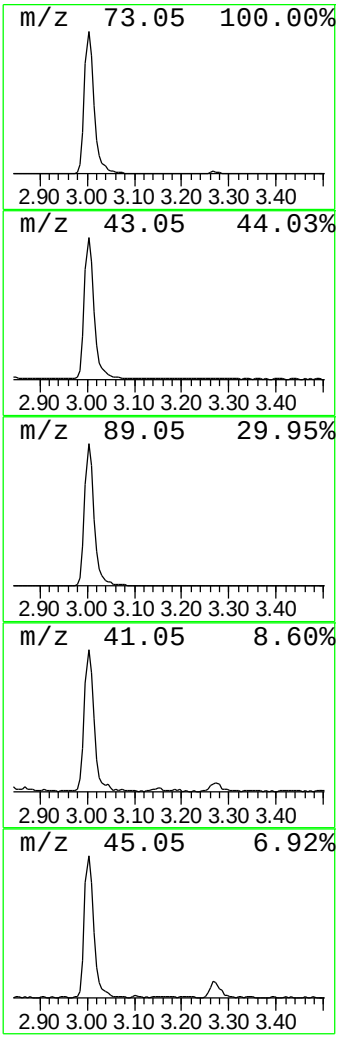
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	48.73 ng	2597760	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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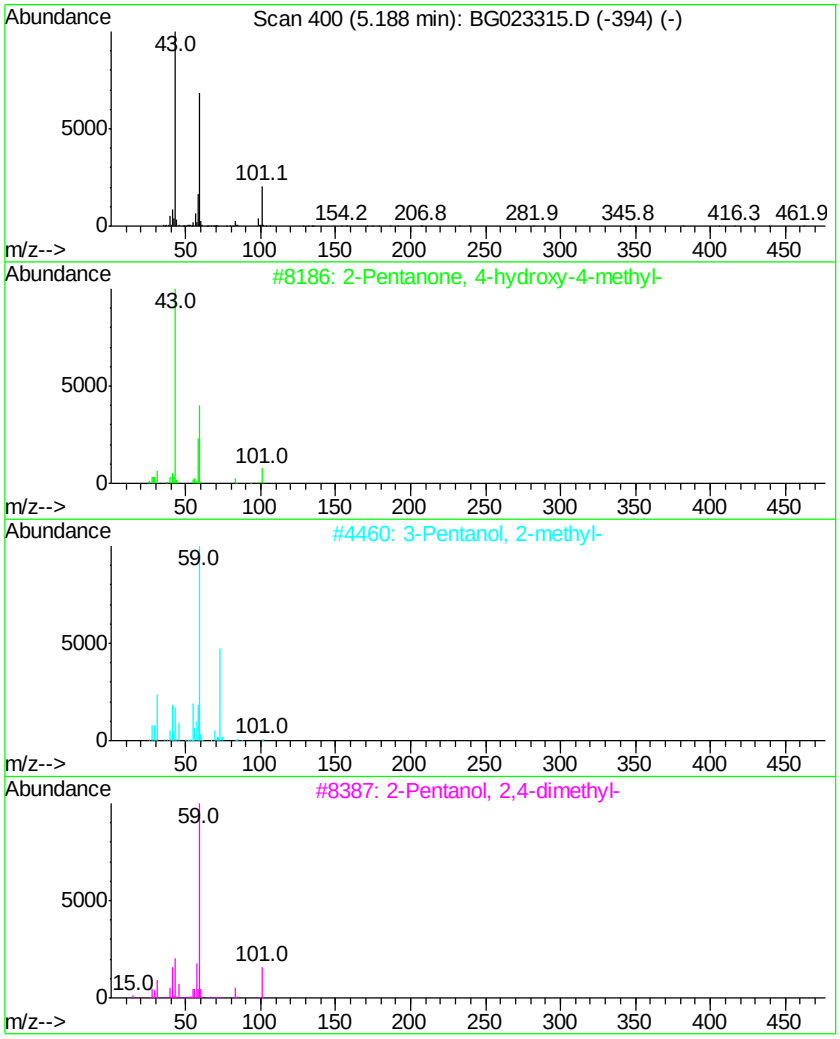
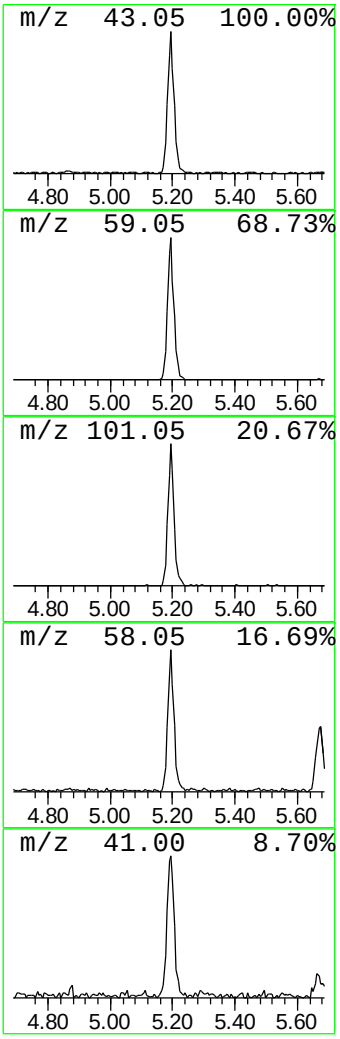
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	14.28 ng	761048	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25





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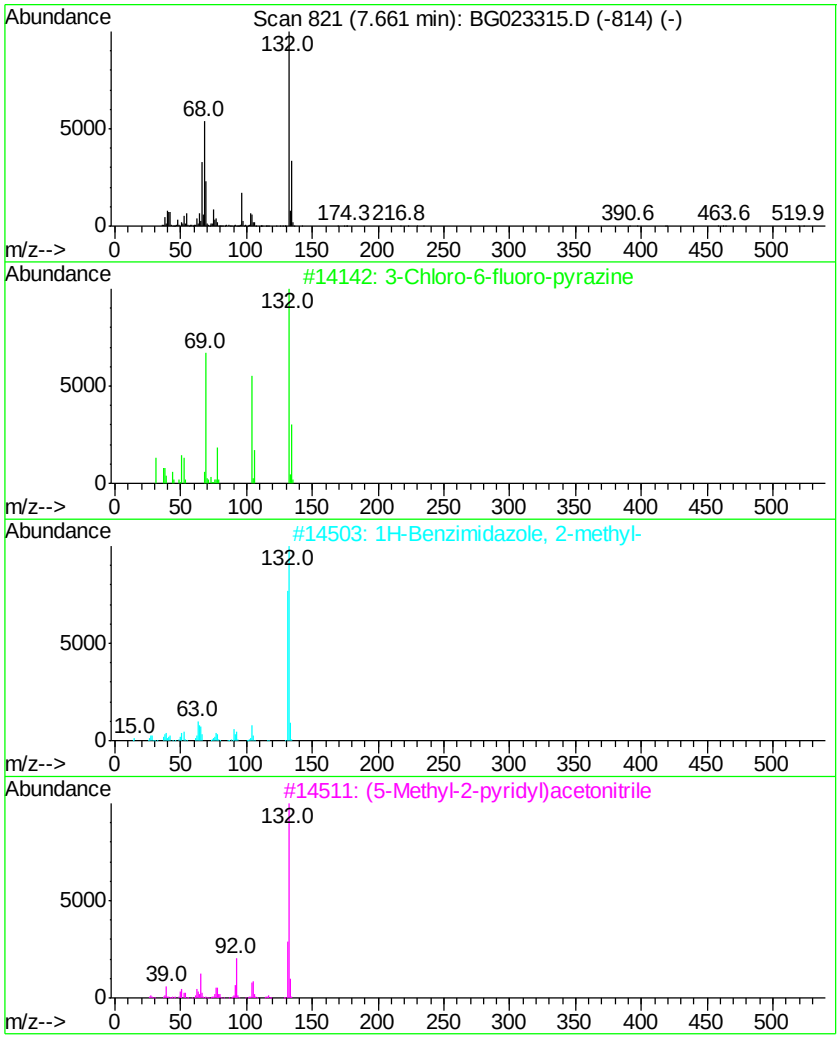
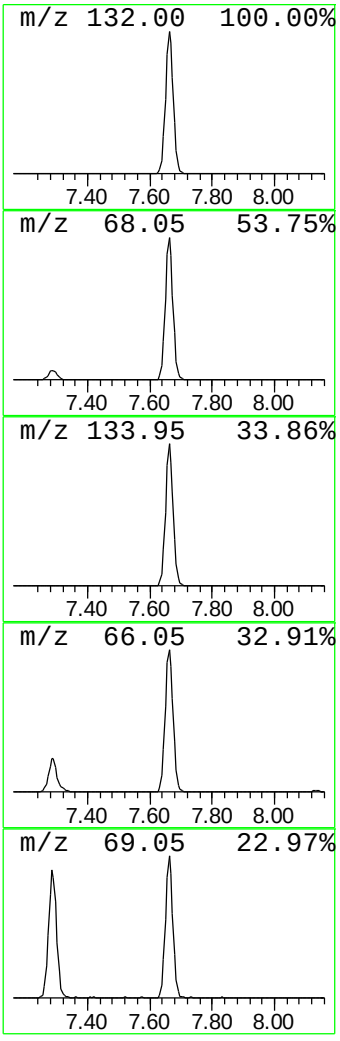
Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	75.29 ng	4013790	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.00	48.7	ng	2597760	1	8.13	1066220	20.0
2-Pentanone, 4-hy...	5.19	14.3	ng	761048	1	8.13	1066220	20.0
unknown7.66	7.66	75.3	ng	4013790	1	8.13	1066220	20.0