LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045370.D
Acq On : 13 May 2020 20:34
Operator : CG/JU
Sample : L2575-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-27

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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	3.134	4	8	27	rVB2	62442	123020	3.46%	0.562%
2	5.549	412	419	433	rBV	867360	1497061	42.14%	6.835%
3	7.147	682	691	706	rBV	970648	1779277	50.08%	8.123%
4	7.975	825	832	841	rBV	279140	493659	13.90%	2.254%
5	8.298	875	887	896	rBV	853460	1545178	43.49%	7.055%
6	9.132	1021	1029	1038	rBV	646094	1222616	34.41%	5.582%
7	10.783	1302	1310	1322	rBV	386150	730855	20.57%	3.337%
8	13.238	1721	1728	1739	rBV	1914043	3141403	88.42%	14.342%
9	14.067	1861	1869	1875	rBV	241531	368733	10.38%	1.683%
10	14.167	1881	1886	1896	rVB4	42152	78127	2.20%	0.357%
11	14.619	1956	1963	1972	rBV2	646189	1025802	28.87%	4.683%
12	16.111	2205	2217	2229	rBV	1516155	2368780	66.68%	10.815%
13	17.368	2424	2431	2436	rBV	708329	1123235	31.62%	5.128%
14	18.267	2580	2584	2588	rBV5	34440	49455	1.39%	0.226%
15	19.418	2777	2780	2785	rVB	49985	67653	1.90%	0.309%
16	19.982	2870	2876	2887	rBV	2693408	3552724	100.00%	16.220%
17	21.280	3094	3097	3105	rVB2	249618	389160	10.95%	1.777%
18	21.633	3151	3157	3163	rBV	567241	916921	25.81%	4.186%
19	22.438	3291	3294	3301	rVB3	79856	141041	3.97%	0.644%
20	24.799	3689	3696	3714	rVB2	340979	1288569	36.27%	5.883%

Sum of corrected areas: 21903269

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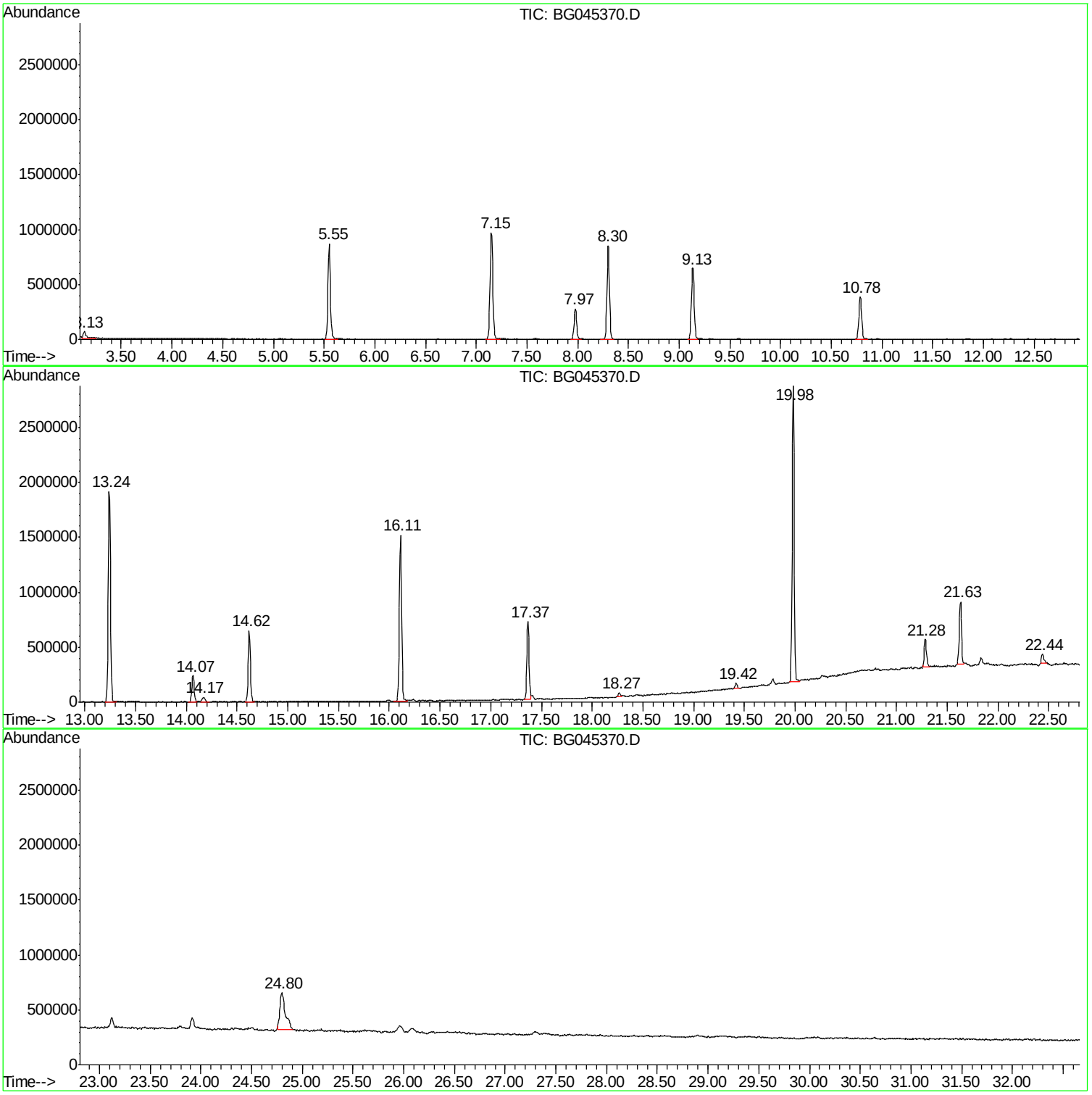
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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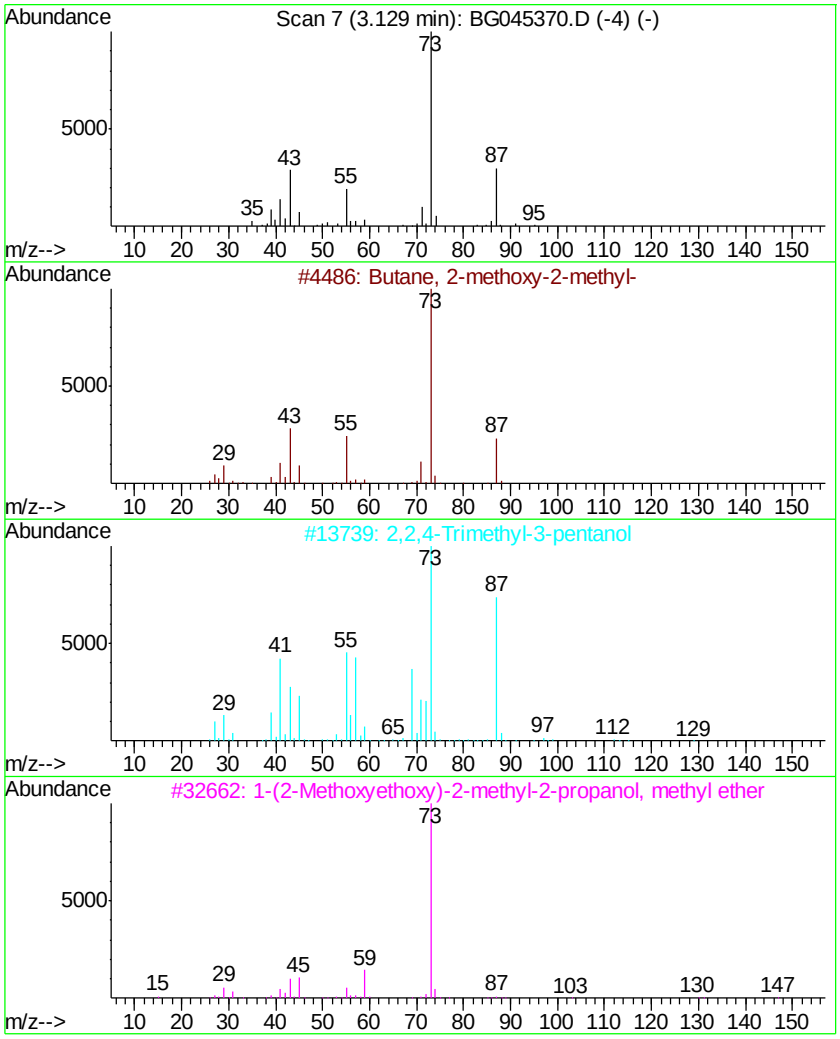
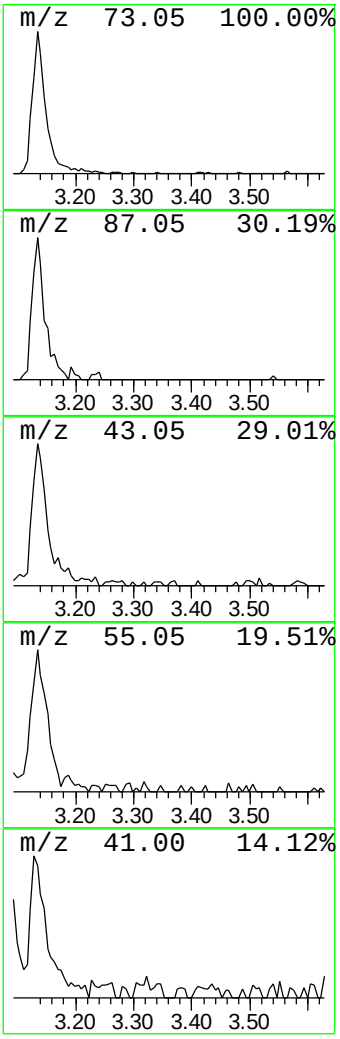
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	4.98 ng	123020	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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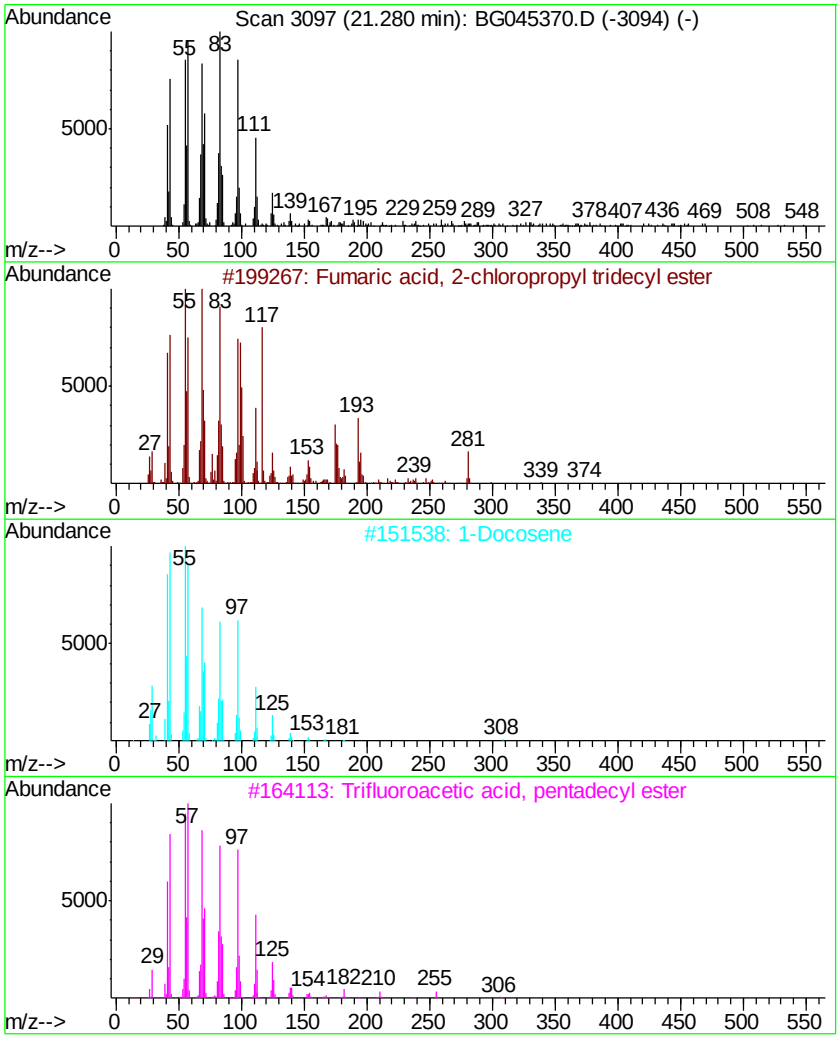
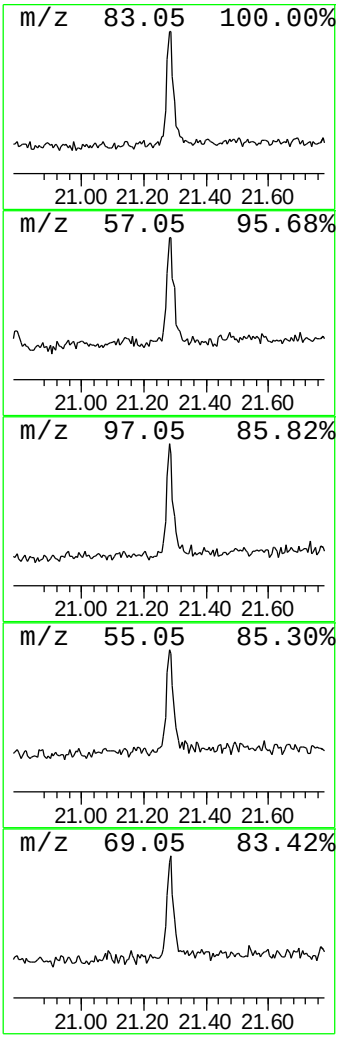
****

Peak Number 3 Fumaric acid, 2-chloropropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	8.49 ng	389160	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	97
2	1-Docosene	308	C22H44	001599-67-3	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	93





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Instrument : BNA_G
ClientSampleId : TP-27

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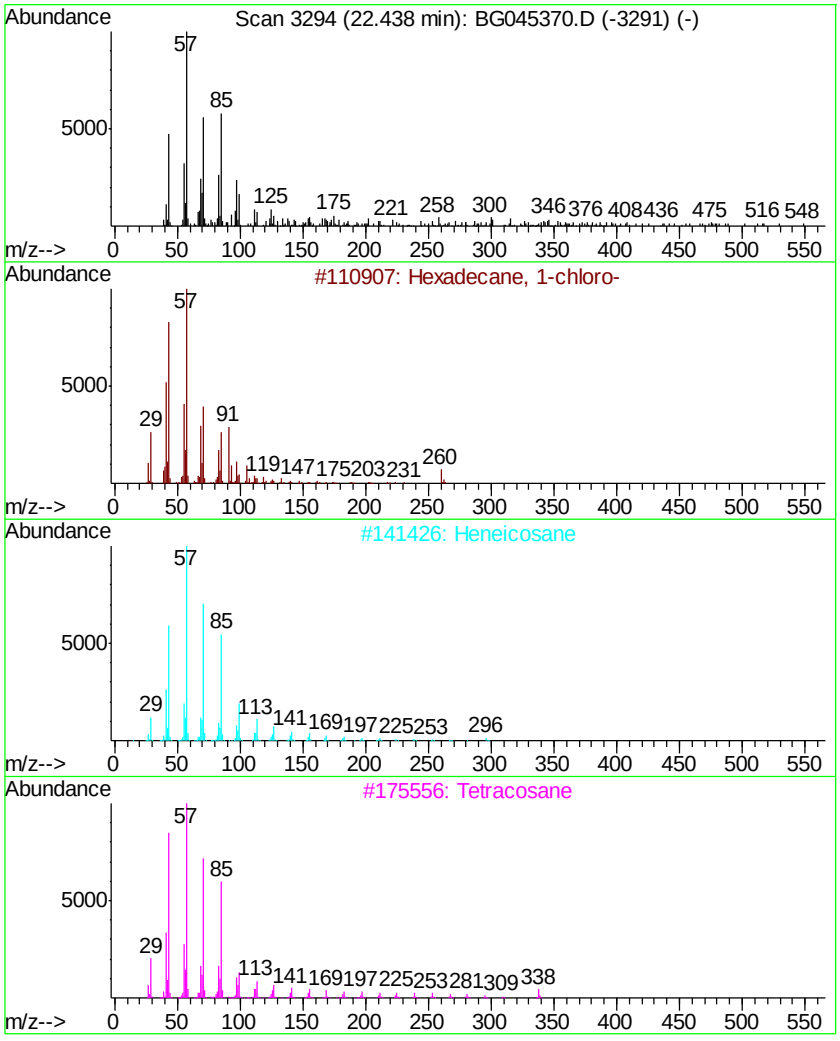
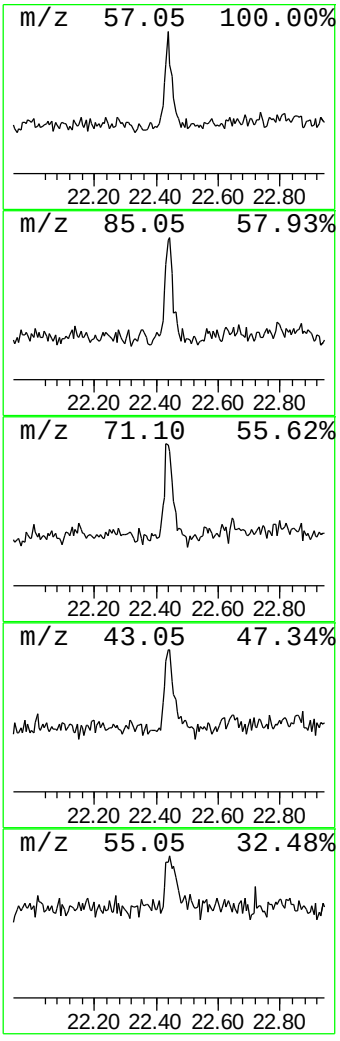
Peak Number 4 Hexadecane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.08 ng	141041	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
2	Heneicosane	296	C21H44	000629-94-7	58
3	Tetracosane	338	C24H50	000646-31-1	58
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	52
5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	50





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	5.0	ng	123020	1	7.97	493659	20.0
Fumaric acid, 2-c...	21.28	8.5	ng	389160	5	21.63	916921	20.0
Hexadecane, 1-chl...	22.44	3.1	ng	141041	5	21.63	916921	20.0