LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034965.D
Acq On : 7 Jun 2018 23:16
Operator : SJ/JU
Sample : J3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-109-1(45-47)

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-BG060718.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	5.189	316	323	332	rBV	39741	66929	2.91%	0.499%
2	5.647	394	401	411	rVB	561171	890332	38.72%	6.634%
3	7.227	662	670	682	rBV	602899	1035907	45.05%	7.719%
4	7.609	726	735	747	rBV	558965	953636	41.47%	7.106%
5	8.079	808	815	821	rBV	164512	269226	11.71%	2.006%
6	8.402	862	870	880	rVB	396669	680982	29.62%	5.074%
7	9.236	1003	1012	1023	rBV	342929	600482	26.11%	4.474%
8	10.887	1282	1293	1305	rBV	210354	379014	16.48%	2.824%
9	13.331	1702	1709	1716	rBV	921420	1422243	61.85%	10.597%
10	14.153	1843	1849	1854	rBV	98606	140587	6.11%	1.048%
11	14.699	1935	1942	1951	rBV2	360626	587834	25.56%	4.380%
12	16.185	2188	2195	2202	rBV	855132	1302311	56.64%	9.704%
13	17.443	2401	2409	2415	rBV	498065	774428	33.68%	5.770%
14	18.341	2556	2562	2570	rBV	72452	114331	4.97%	0.852%
15	19.610	2773	2778	2783	rBV2	43460	62913	2.74%	0.469%
16	20.057	2848	2854	2860	rVB	1790522	2299430	100.00%	17.134%
17	21.378	3073	3079	3084	rBV8	25449	47623	2.07%	0.355%
18	21.713	3130	3136	3143	rBV	532194	891476	38.77%	6.643%
19	23.481	3431	3437	3441	rBV6	20734	39837	1.73%	0.297%
20	24.962	3677	3689	3703	rVB2	301629	861040	37.45%	6.416%

Sum of corrected areas: 13420561

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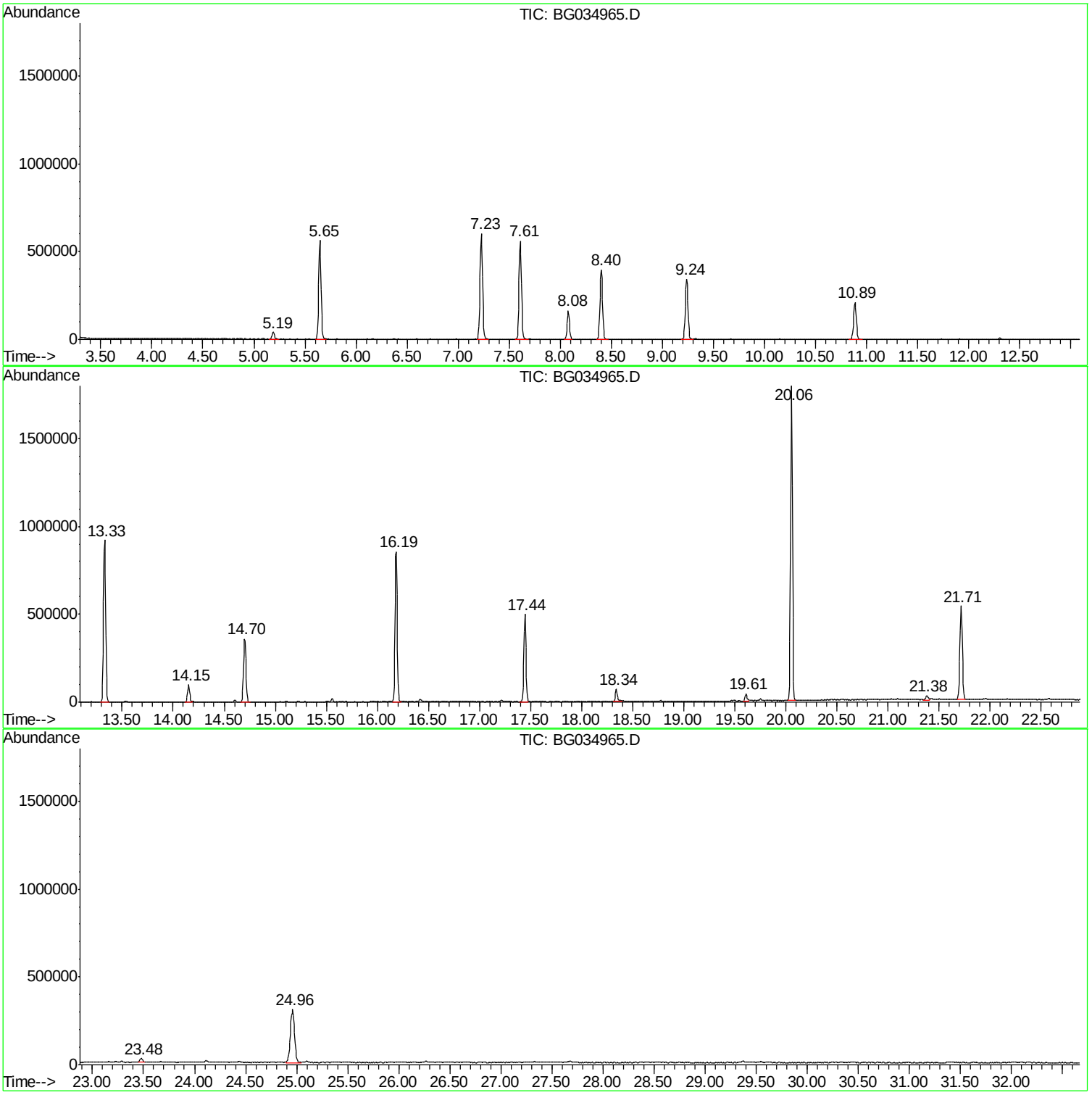
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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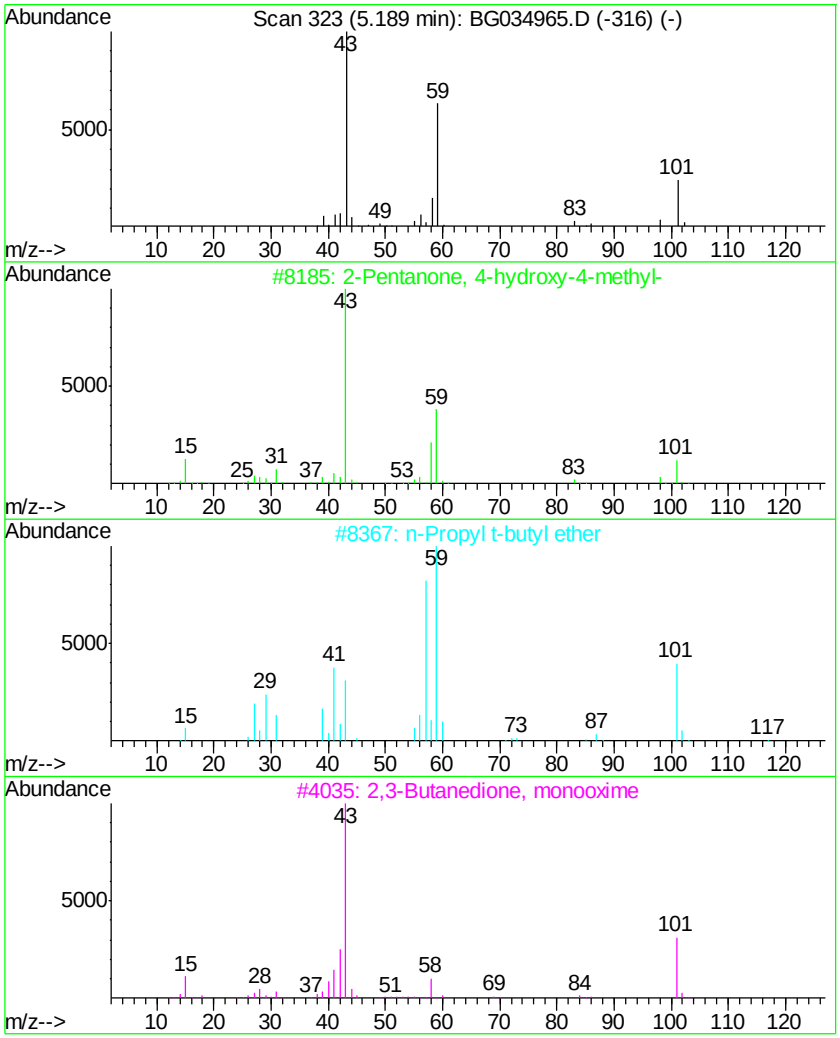
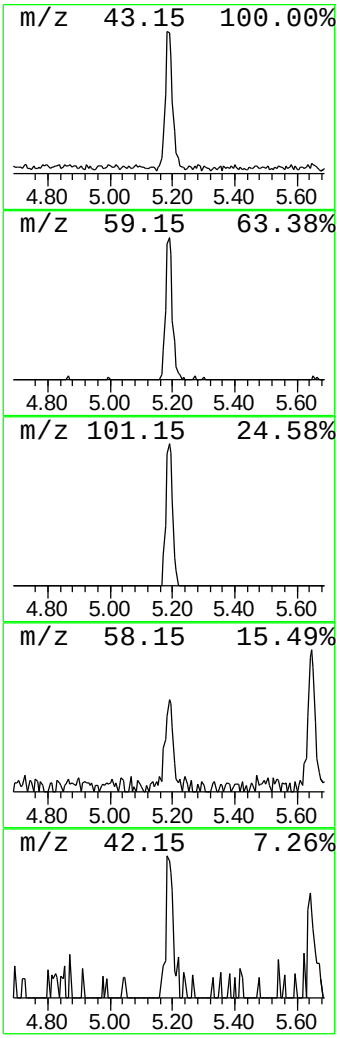
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.97 ng	66929	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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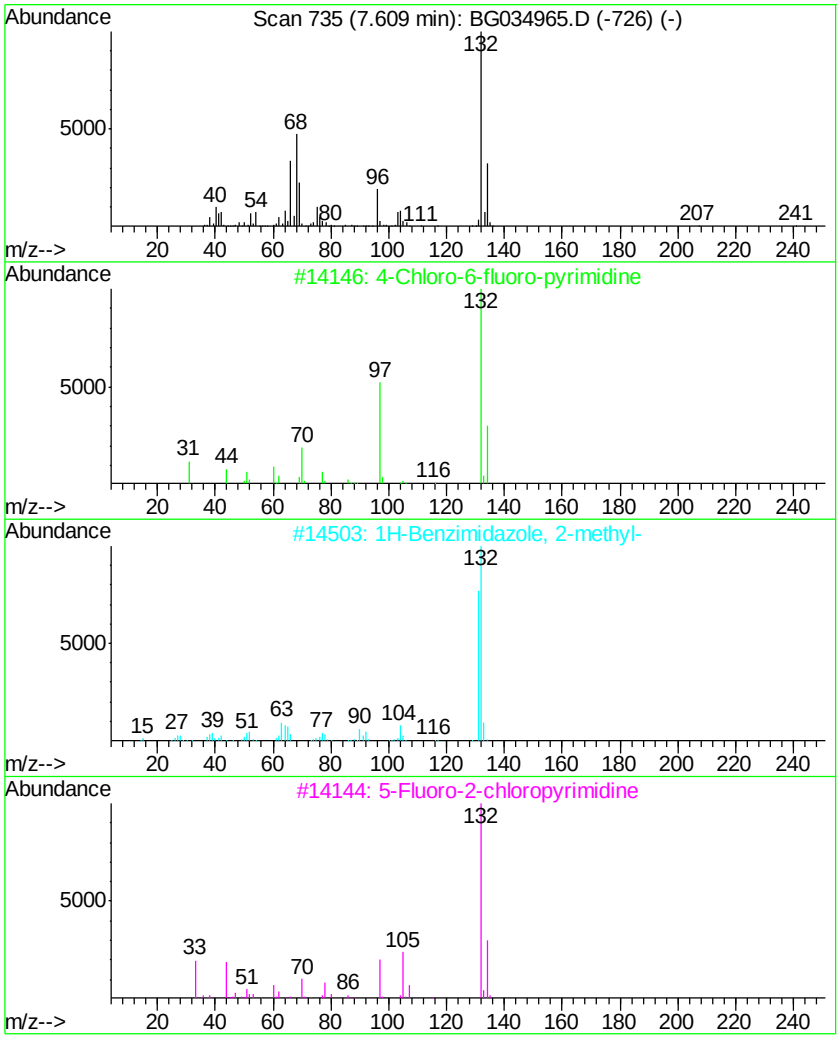
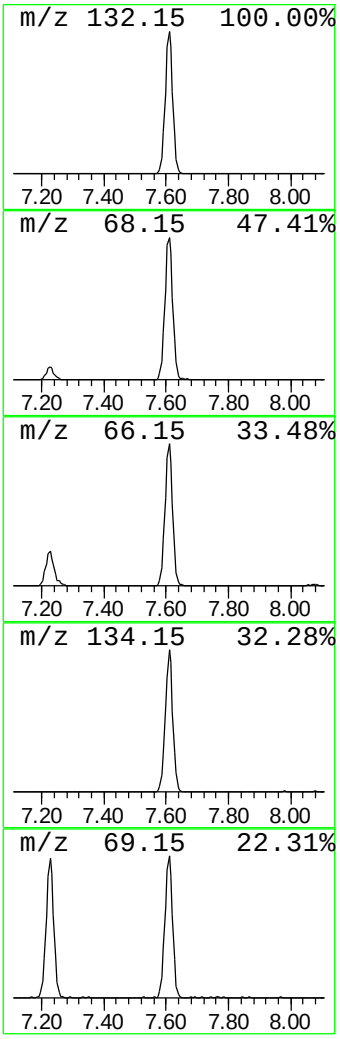
Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	70.84 ng	953636	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Instrument : BNA_G
ClientSampleId : EPE-109-1(45-47)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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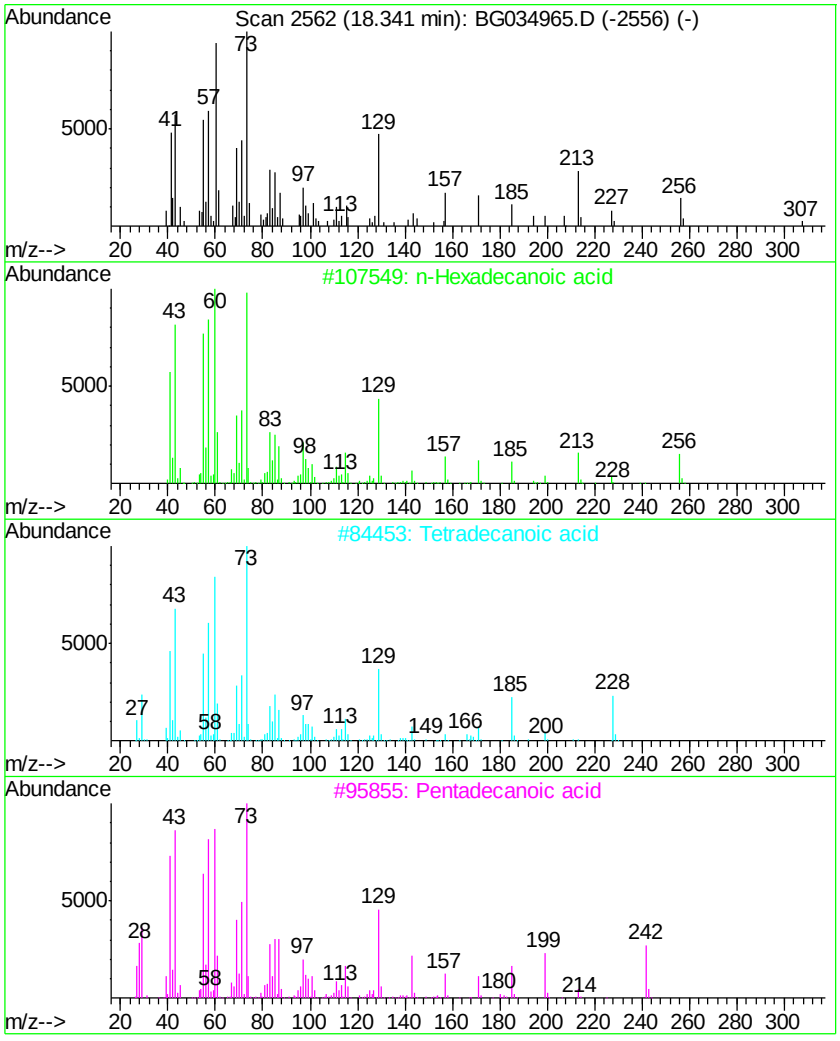
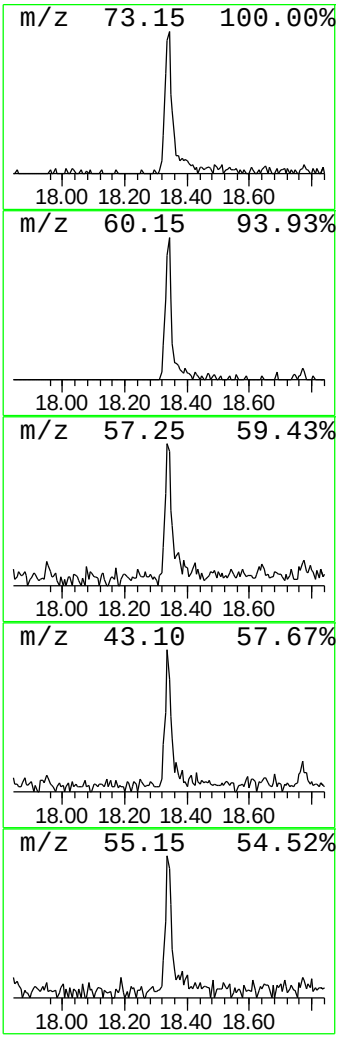
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.95 ng	114331	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





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
2-Pentanone, 4-hy...	5.19	5.0	ng	66929	1	8.08	269226	20.0
unknown7.61	7.61	70.8	ng	953636	1	8.08	269226	20.0
n-Hexadecanoic acid	18.34	3.0	ng	114331	4	17.44	774428	20.0