LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031263.D
Acq On : 28 Nov 2017 22:21
Operator : SJ/JU
Sample : I6592-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-109-5-(44-46)

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-BG111017.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	5.206	319	326	333	rBV	36255	58706	1.54%	0.354%
2	5.687	400	408	420	rBV	556315	939048	24.69%	5.657%
3	7.291	673	681	702	rBV	531455	1044877	27.48%	6.295%
4	7.662	737	744	756	rBV	574594	1025495	26.97%	6.178%
5	8.132	817	824	834	rBV	143223	253648	6.67%	1.528%
6	8.455	871	879	892	rBV	453830	809538	21.29%	4.877%
7	9.301	1013	1023	1037	rBV	291094	594190	15.62%	3.580%
8	10.946	1294	1303	1321	rBV	172383	378547	9.95%	2.280%
9	13.373	1709	1716	1729	rBV	1047590	1757791	46.22%	10.589%
10	14.219	1853	1860	1868	rBV	18981	42940	1.13%	0.259%
11	14.753	1944	1951	1965	rBV2	348483	609173	16.02%	3.670%
12	16.105	2174	2181	2188	rBV2	24385	45558	1.20%	0.274%
13	16.240	2197	2204	2222	rBV	896732	1553218	40.84%	9.357%
14	17.491	2409	2417	2433	rBV2	563370	945194	24.85%	5.694%
15	18.367	2555	2566	2576	rBV6	17709	42580	1.12%	0.257%
16	20.082	2852	2858	2866	rBV	2957356	3802880	100.00%	22.910%
17	21.375	3071	3078	3088	rBV3	60766	145037	3.81%	0.874%
18	21.763	3137	3144	3159	rBV2	717137	1300274	34.19%	7.833%
19	25.065	3694	3706	3718	rBV	424108	1250842	32.89%	7.535%

Sum of corrected areas: 16599536

LSC Report - Integrated Chromatogram

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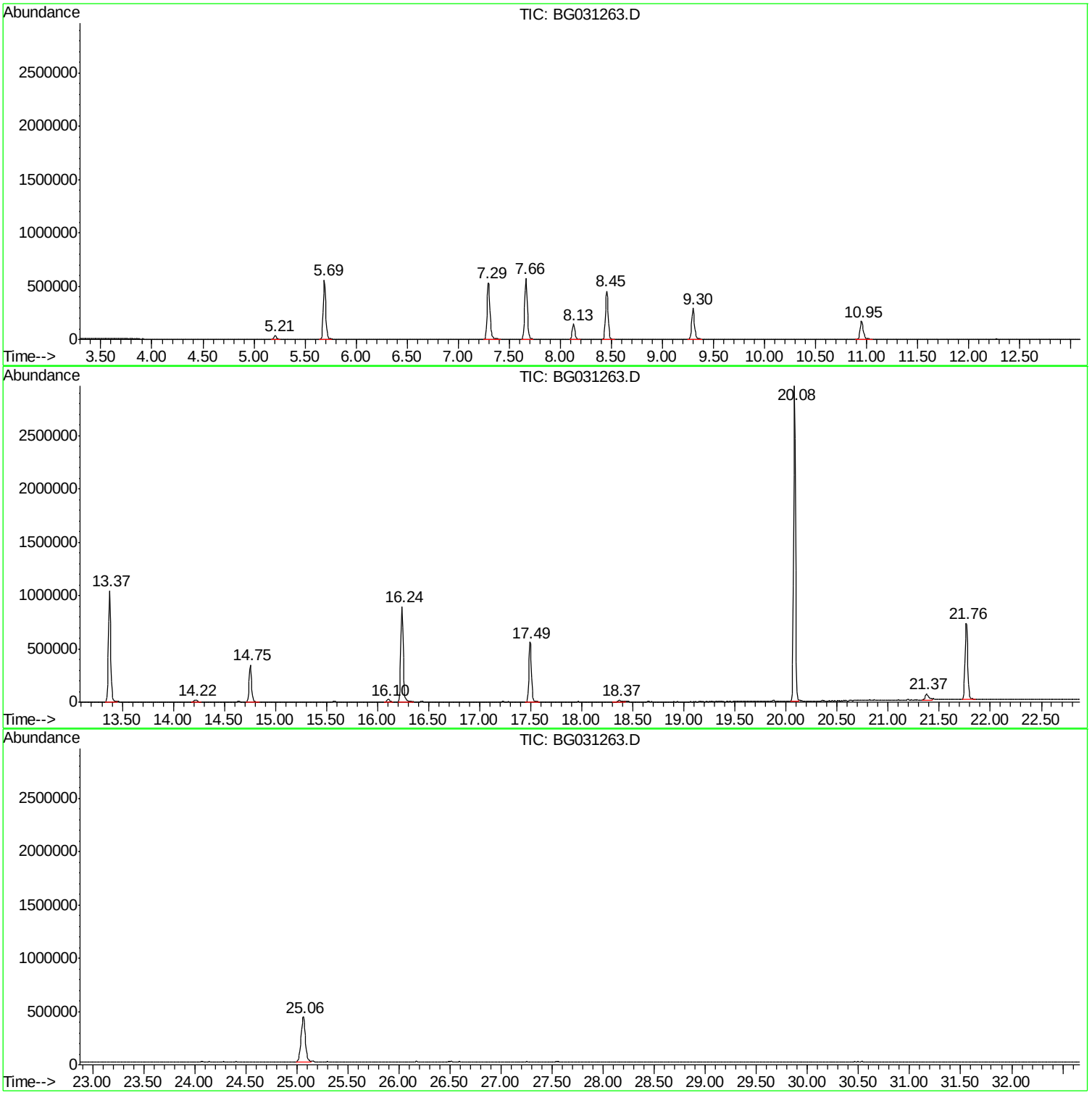
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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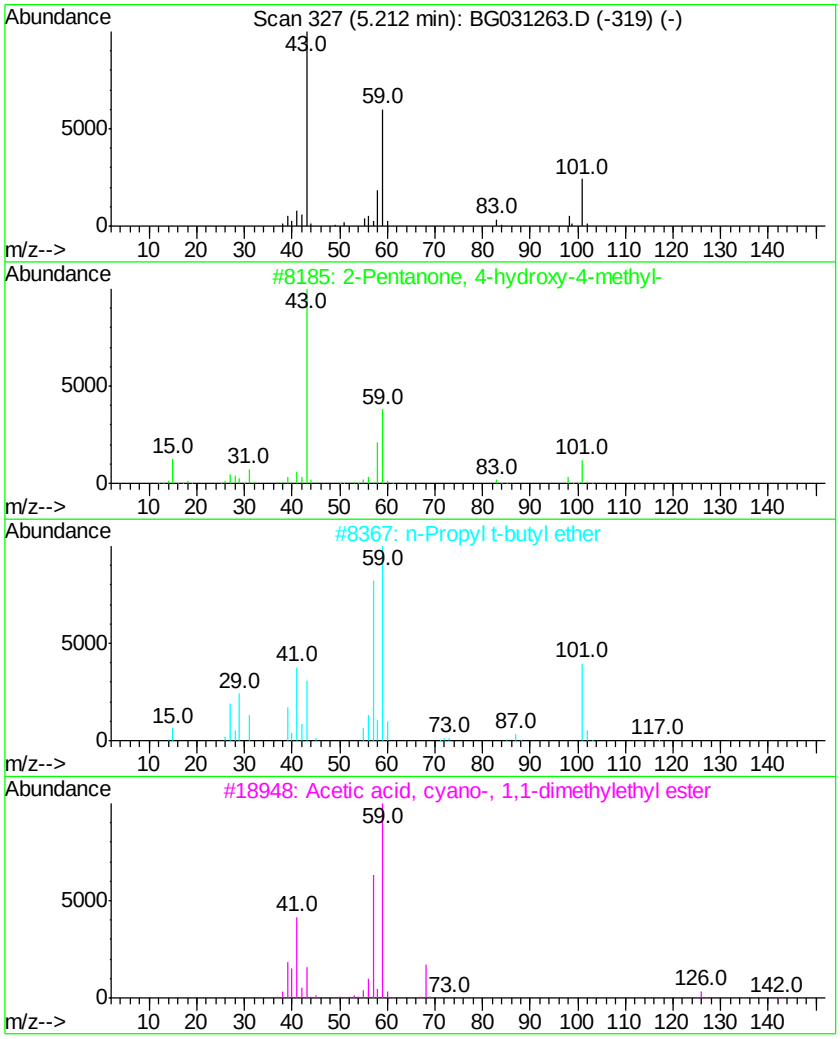
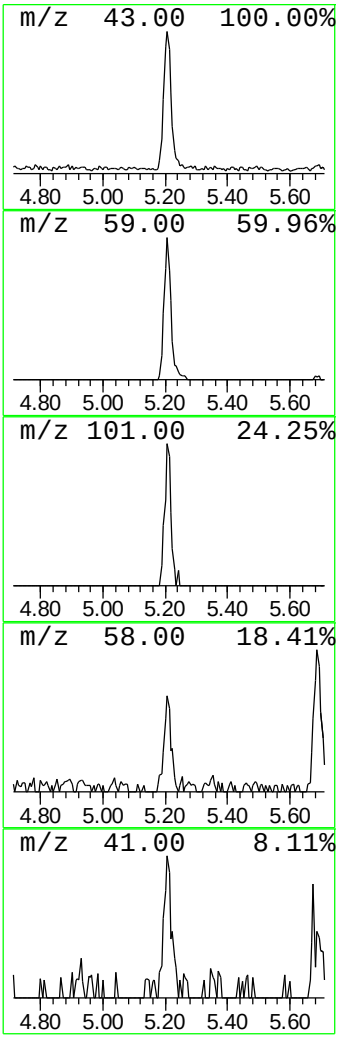
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	4.63 ng	58706	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	50
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
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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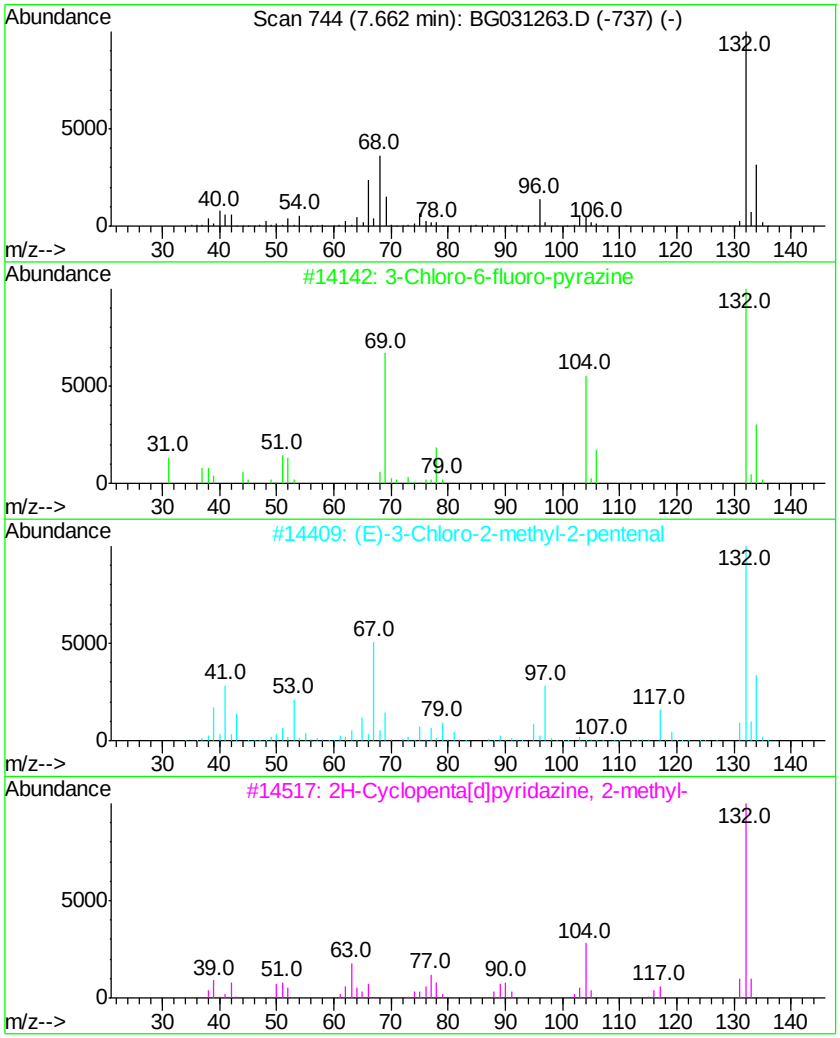
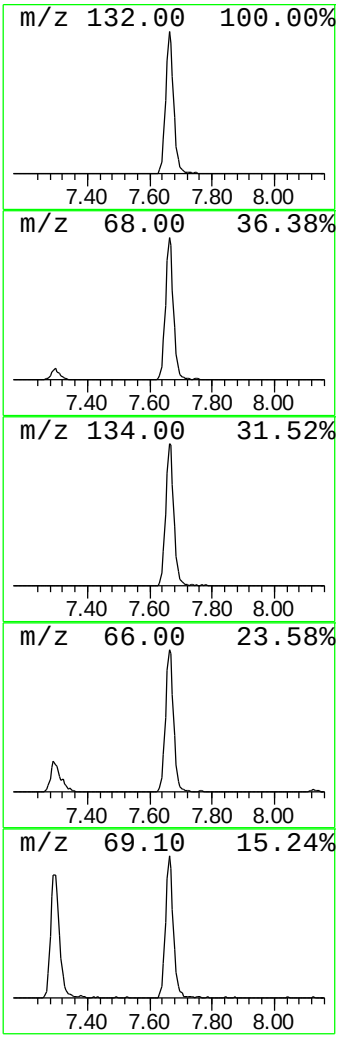
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	80.86 ng	1025500	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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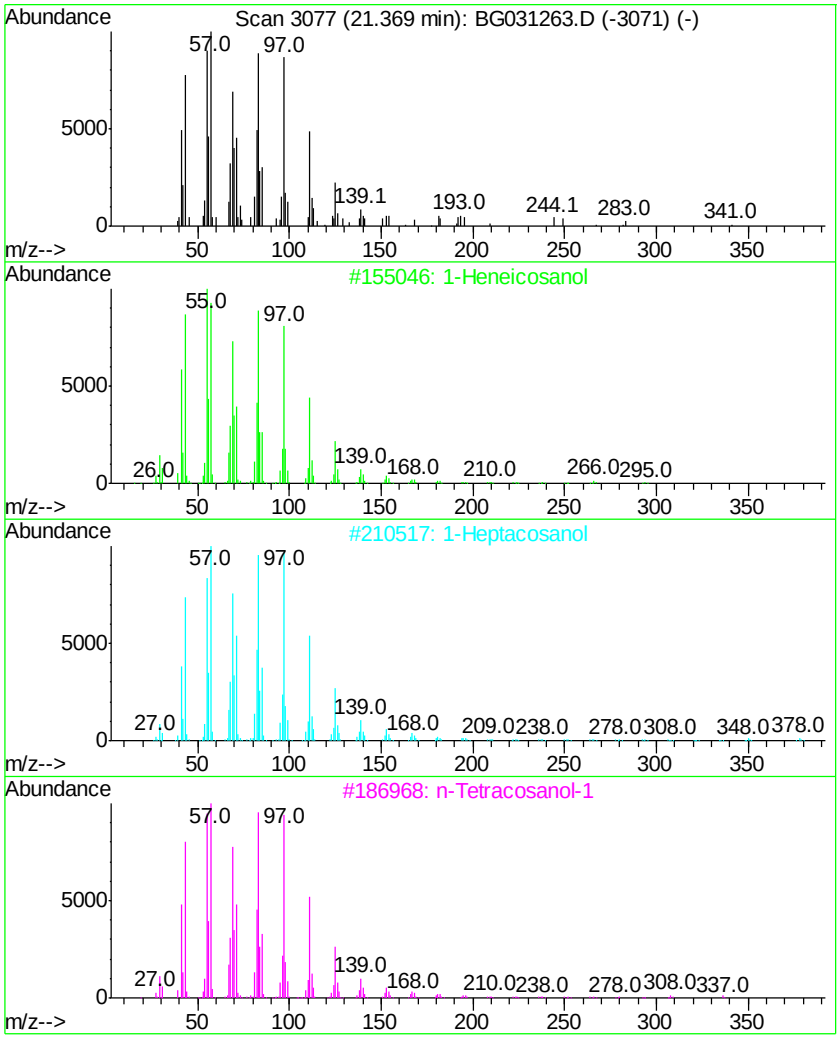
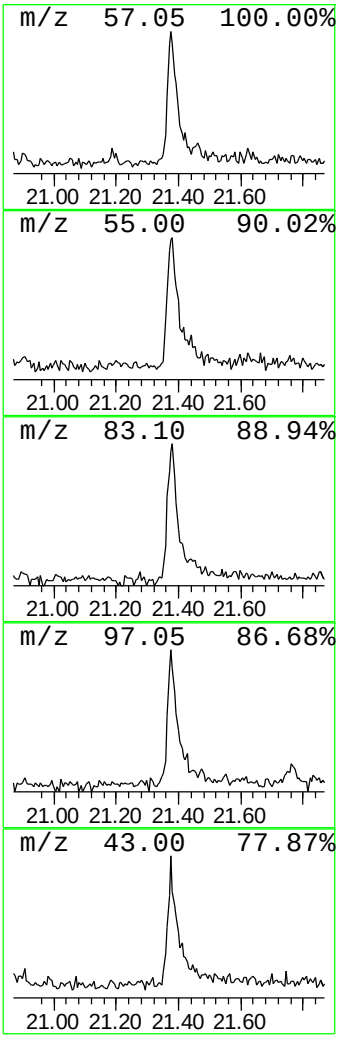
Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.23 ng	145037	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	5.21	4.6	ng	58706	1	8.13	253648	20.0
unknown7.66	7.66	80.9	ng	1025500	1	8.13	253648	20.0
1-Heneicosanol	21.37	2.2	ng	145037	5	21.76	1300270	20.0