LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115131.D
Acq On : 22 Jun 2019 19:57
Operator : HP/JU
Sample : K3470-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-6

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_F\METHODS\8270-BF062119.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	4.454	424	428	433	rBV	92611	109972	2.75%	0.282%
2	5.207	551	556	559	rBV	3584310	3395945	84.85%	8.706%
3	6.242	727	732	735	rBV	3562177	3629239	90.68%	9.304%
4	6.284	735	739	742	rVB	68704	65431	1.63%	0.168%
5	6.378	750	755	758	rBV	4111772	3711925	92.75%	9.516%
6	6.613	791	795	798	rBV	1880861	1635611	40.87%	4.193%
7	6.766	817	821	824	rBV	3180243	2607881	65.16%	6.686%
8	7.166	885	889	892	rBV	2276847	2232868	55.79%	5.724%
9	7.889	1008	1012	1015	rBV	2648653	2144989	53.60%	5.499%
10	8.966	1191	1195	1198	rBV	4554172	4002067	100.00%	10.260%
11	9.360	1259	1262	1269	rBV	487248	380350	9.50%	0.975%
12	9.636	1305	1309	1313	rBV	2948269	2405538	60.11%	6.167%
13	10.413	1437	1441	1445	rBV	2711145	2304288	57.58%	5.907%
14	11.107	1555	1559	1562	rBV	3049824	2457697	61.41%	6.301%
15	11.654	1649	1652	1660	rBV2	214501	253124	6.32%	0.649%
16	12.436	1782	1785	1794	rBV2	133441	161345	4.03%	0.414%
17	12.530	1798	1801	1804	rVB	57466	53770	1.34%	0.138%
18	12.689	1824	1828	1831	rBV	4387788	3818572	95.41%	9.790%
19	13.607	1981	1984	1992	rBV	229088	290330	7.25%	0.744%
20	13.724	2000	2004	2007	rBV	1851216	1701128	42.51%	4.361%
21	15.089	2231	2236	2242	rVB	1407292	1644632	41.09%	4.216%

Sum of corrected areas: 39006702

LSC Report - Integrated Chromatogram

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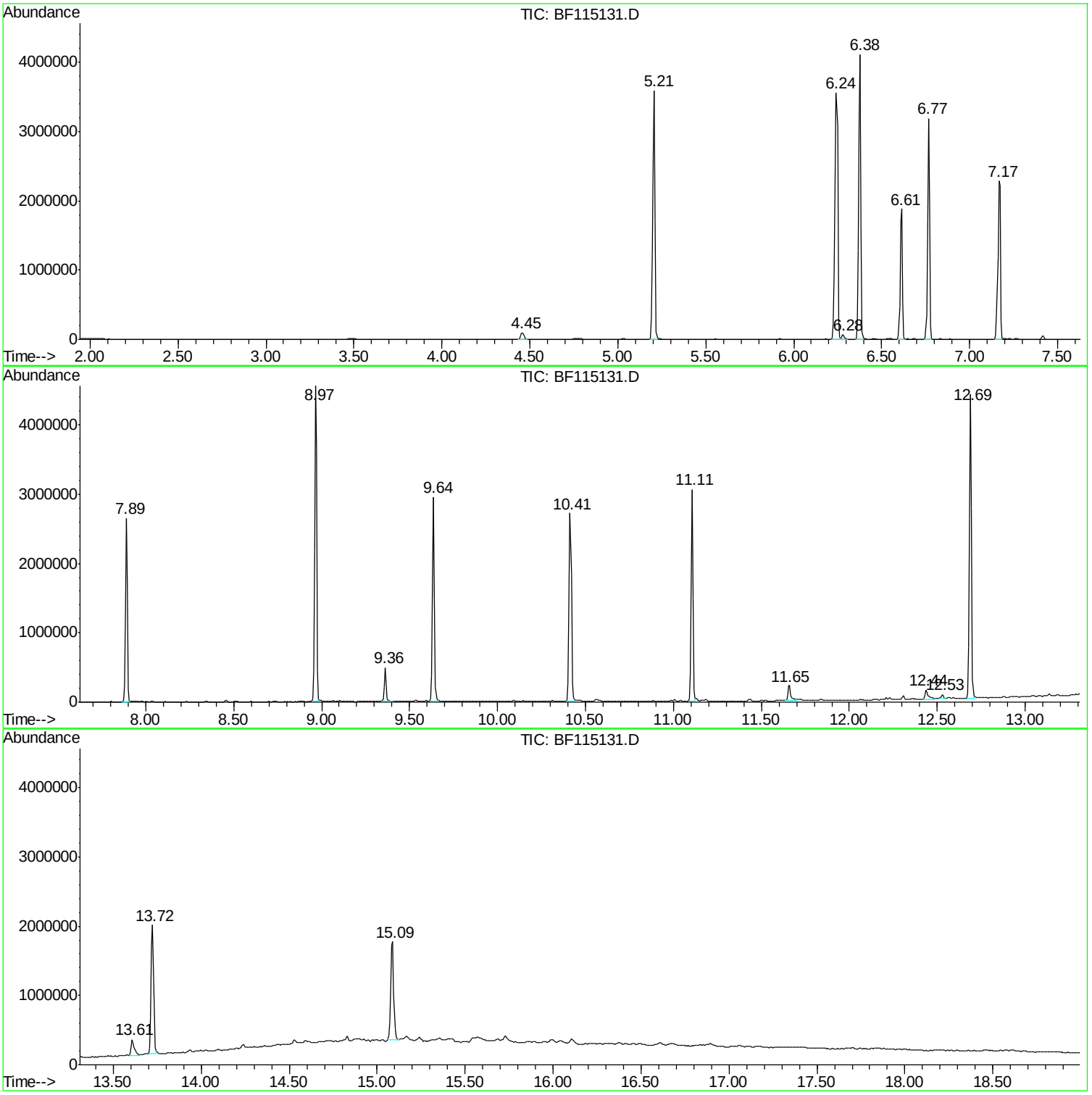
Instrument : BNA_F
ClientSampleId : SAMPLE-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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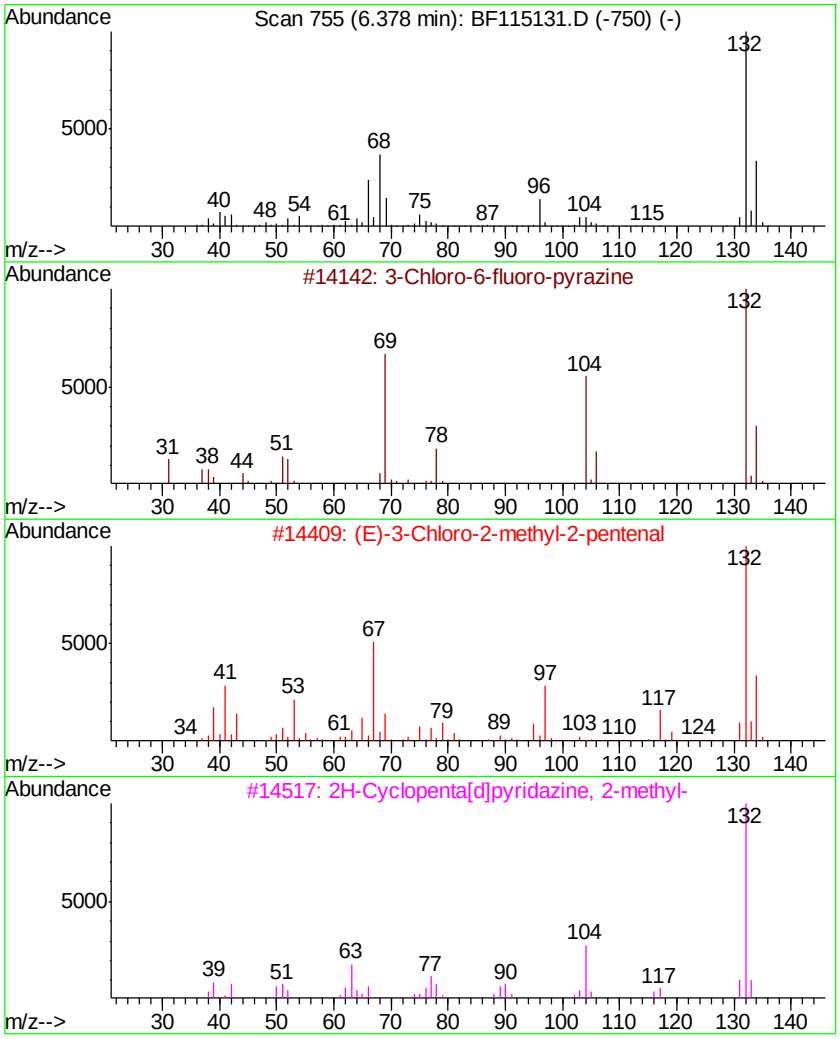
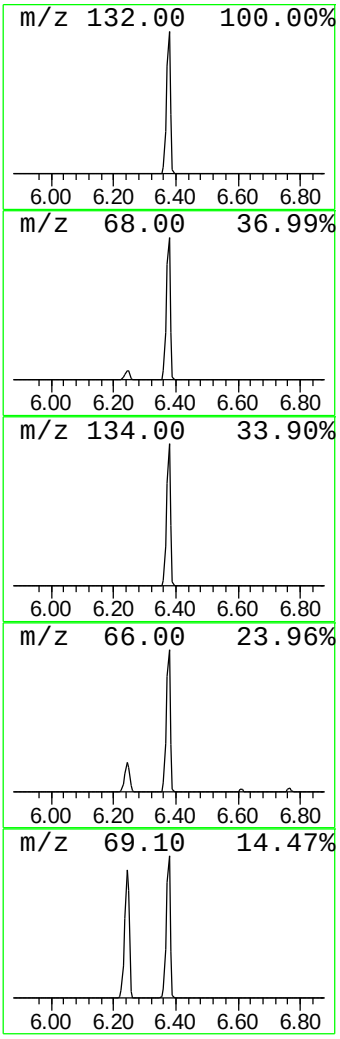
Peak Number 1 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	45.39 ng	3711930	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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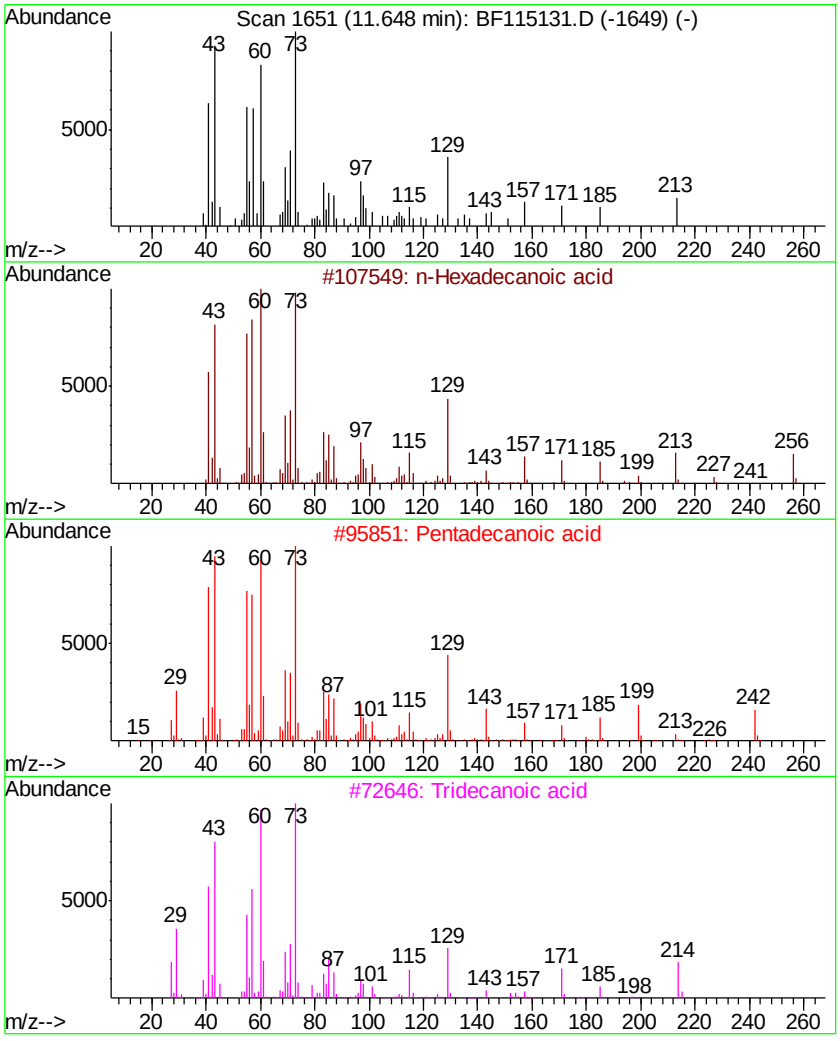
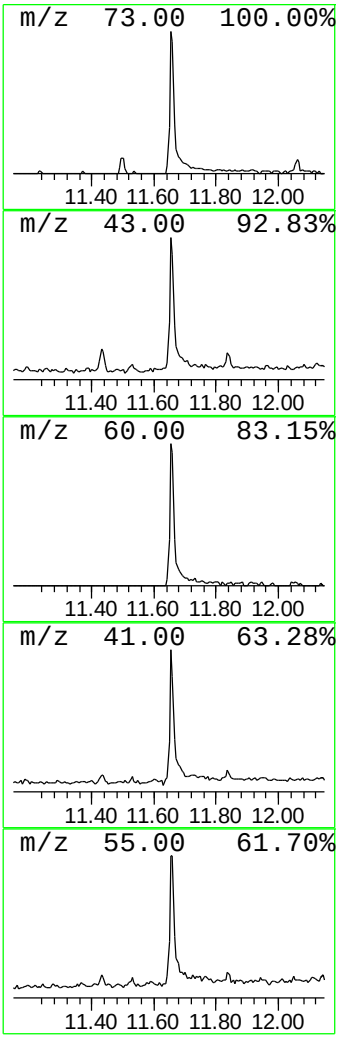
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.06 ng	253124	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





Library Search Compound Report

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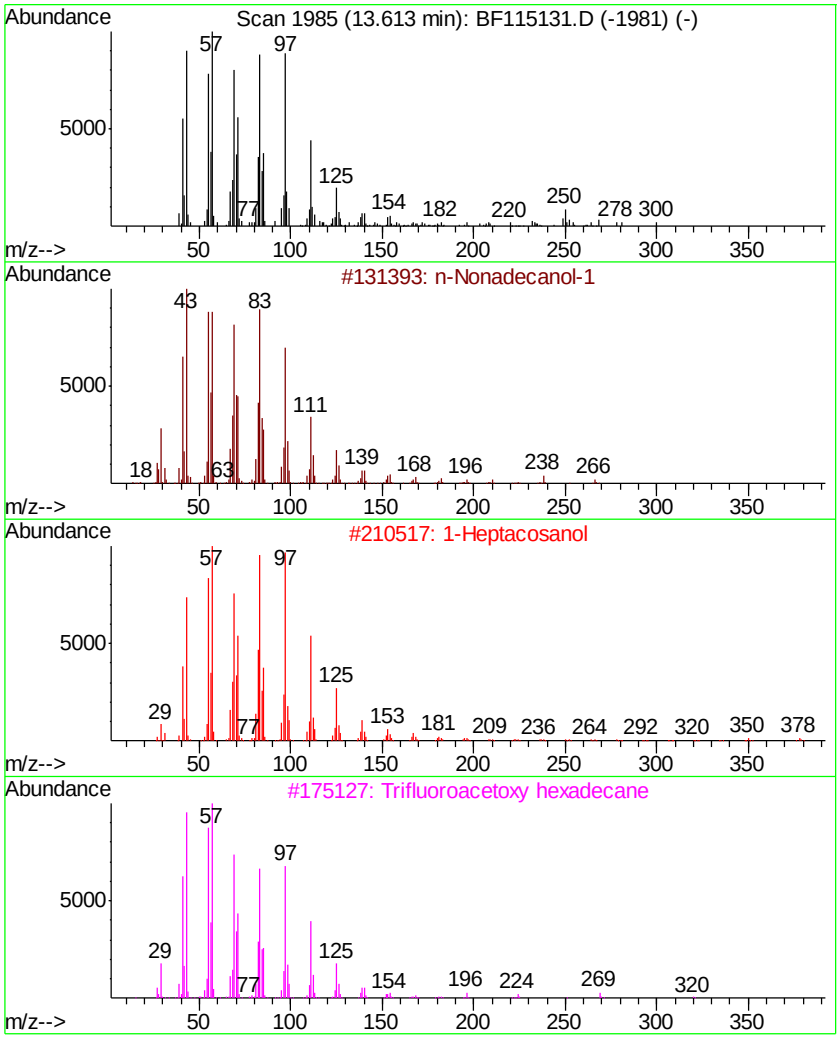
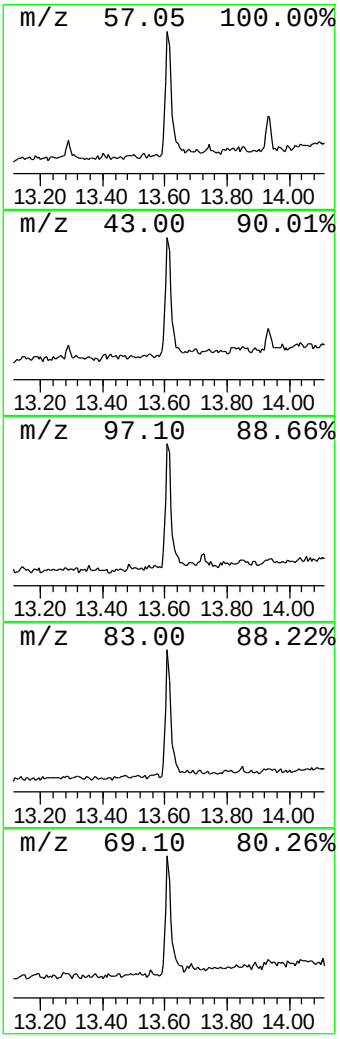
Peak Number 4 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.41 ng	290330	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

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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
unknown6.38	6.38	45.4	ng	3711930	1	6.61	1635610	20.0
n-Hexadecanoic acid	11.65	2.1	ng	253124	4	11.11	2457700	20.0
n-Nonadecanol-1	13.61	3.4	ng	290330	5	13.72	1701130	20.0