LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023982.D
Acq On : 03 Dec 2019 22:38
Operator : JU
Sample : K5914-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	22	25	39	rVB2	114520	233914	2.07%	0.221%
2	6.675	637	644	660	rBV	1459537	2674569	23.62%	2.527%
3	6.834	665	671	684	rVV	1180609	2011061	17.76%	1.900%
4	7.016	696	702	716	rVB	1575835	2689591	23.76%	2.541%
5	7.481	775	781	790	rBV	1144296	1838138	16.24%	1.737%
6	7.563	792	795	805	rVB8	14958	32305	0.29%	0.031%
7	8.198	896	903	918	rBV	1979672	3288781	29.05%	3.107%
8	8.634	970	977	992	rBV	1518360	2558913	22.60%	2.417%
9	9.075	1048	1052	1057	rVB3	16474	24566	0.22%	0.023%
10	9.351	1092	1099	1113	rBV	1253223	2160494	19.08%	2.041%
11	9.887	1183	1190	1208	rBV	1995447	3500112	30.92%	3.307%
12	10.251	1242	1252	1262	rBV	1604881	2666870	23.56%	2.519%
13	10.398	1270	1277	1295	rBV	1790162	3397852	30.01%	3.210%
14	11.857	1521	1525	1532	rVB	28703	50806	0.45%	0.048%
15	12.492	1628	1633	1636	rBV5	6074	12060	0.11%	0.011%
16	12.757	1671	1678	1681	rVB6	7833	12538	0.11%	0.012%
17	13.051	1723	1728	1734	rBV6	8571	14775	0.13%	0.014%
18	13.563	1809	1815	1820	rBV	3847240	5424903	47.92%	5.125%
19	13.610	1820	1823	1834	rVV	1286275	1761162	15.56%	1.664%
20	13.827	1853	1860	1875	rBV	4514639	6807463	60.13%	6.431%
21	14.075	1898	1902	1905	rVB4	8715	11544	0.10%	0.011%
22	14.139	1907	1913	1922	rBV	2421163	3676679	32.48%	3.473%
23	14.369	1946	1952	1969	rBV	1187282	2313882	20.44%	2.186%
24	14.586	1983	1989	1998	rVB7	32961	63412	0.56%	0.060%
25	14.969	2051	2054	2060	rBV4	9594	17124	0.15%	0.016%
26	15.027	2060	2064	2070	rVB3	11813	17427	0.15%	0.016%
27	15.145	2077	2084	2100	rBV	6026917	8518252	75.24%	8.047%
28	15.286	2102	2108	2119	rVV	1497963	2172719	19.19%	2.053%
29	15.386	2120	2125	2133	rVB	69470	111074	0.98%	0.105%
30	15.592	2154	2160	2163	rBV5	13375	21324	0.19%	0.020%
31	15.898	2208	2212	2214	rVV4	9543	11359	0.10%	0.011%
32	15.933	2214	2218	2222	rVB4	24435	38314	0.34%	0.036%
33	16.151	2252	2255	2258	rVB5	9894	13149	0.12%	0.012%
34	16.580	2325	2328	2332	rVB5	15328	17611	0.16%	0.017%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

35	16.686	2342	2346	2352	rBV2	18504	24487	0.22%	0.023%
36	16.898	2376	2382	2392	rBV	3046315	4284811	37.85%	4.048%
37	16.998	2392	2399	2411	rVV	6208328	9096057	80.34%	8.593%
38	17.115	2415	2419	2424	rVB7	21352	34417	0.30%	0.033%
39	17.315	2449	2453	2460	rVB7	26577	40809	0.36%	0.039%
40	17.604	2498	2502	2505	rVB4	8650	11615	0.10%	0.011%
41	17.821	2534	2539	2552	rBV	359756	616290	5.44%	0.582%
42	18.115	2587	2589	2593	rBV5	10149	17474	0.15%	0.017%
43	18.257	2609	2613	2615	rBV4	21570	26311	0.23%	0.025%
44	18.762	2696	2699	2705	rBV6	17220	20204	0.18%	0.019%
45	18.939	2724	2729	2733	rBV	72009	106847	0.94%	0.101%
46	19.115	2755	2759	2766	rBV3	85465	142290	1.26%	0.134%
47	19.186	2768	2771	2776	rVV	65234	92304	0.82%	0.087%
48	19.304	2784	2791	2807	rBV	7664200	10560252	93.28%	9.977%
49	20.845	3049	3053	3061	rBV	577878	883313	7.80%	0.834%
50	21.103	3092	3097	3104	rBV	3818753	4948644	43.71%	4.675%
51	21.709	3197	3200	3208	rBV3	151043	251281	2.22%	0.237%
52	23.115	3432	3439	3445	rBV	6531849	11321420	100.00%	10.696%
53	23.244	3456	3461	3472	rVB	2852644	5206706	45.99%	4.919%

Sum of corrected areas: 105850275

LSC Report - Integrated Chromatogram

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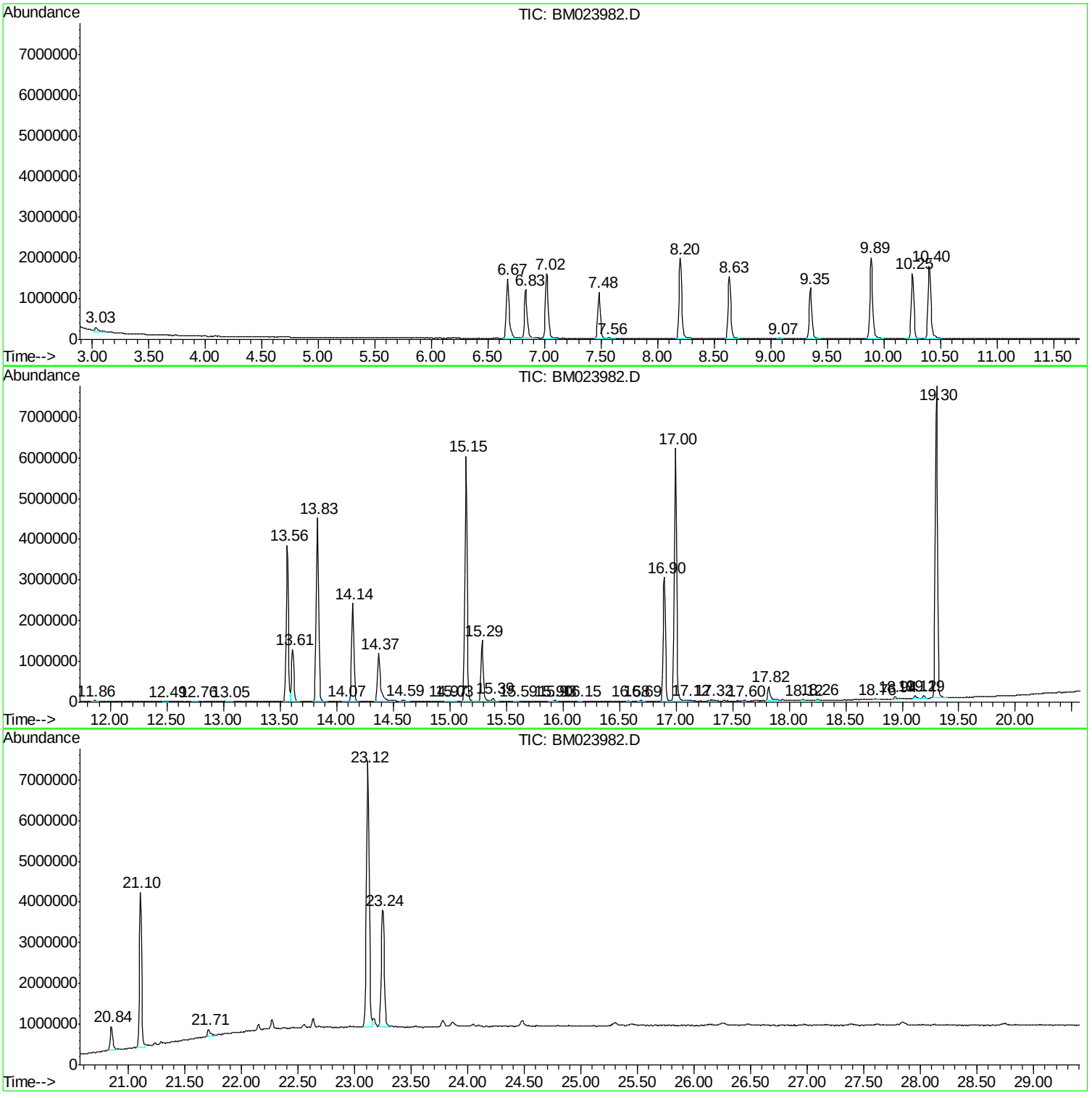
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 03 Dec 2019 22:38
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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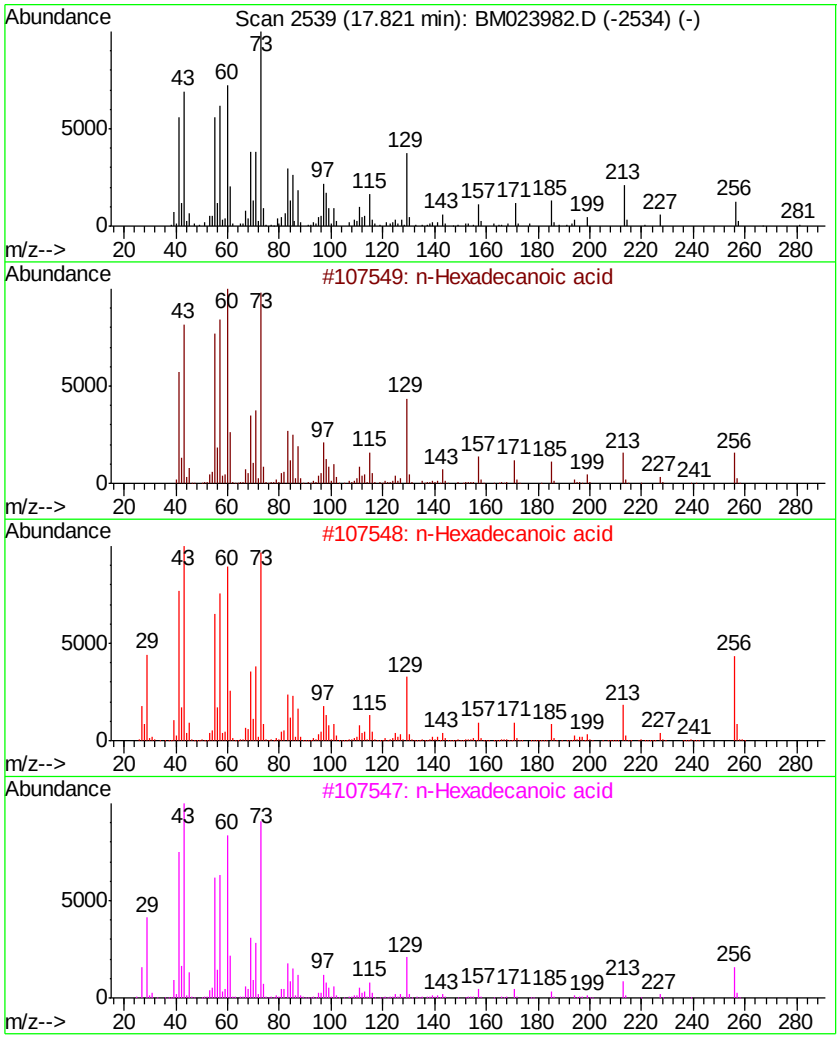
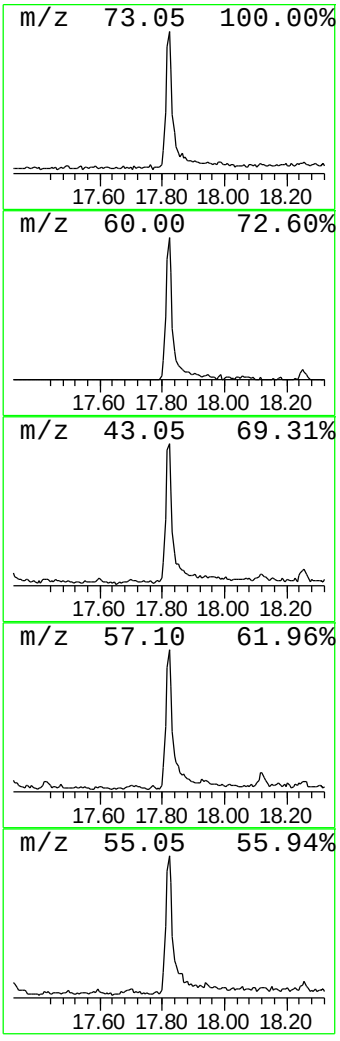
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.88 ng/ul	616290	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Instrument : BNA_M
ClientSampleId : JLNS8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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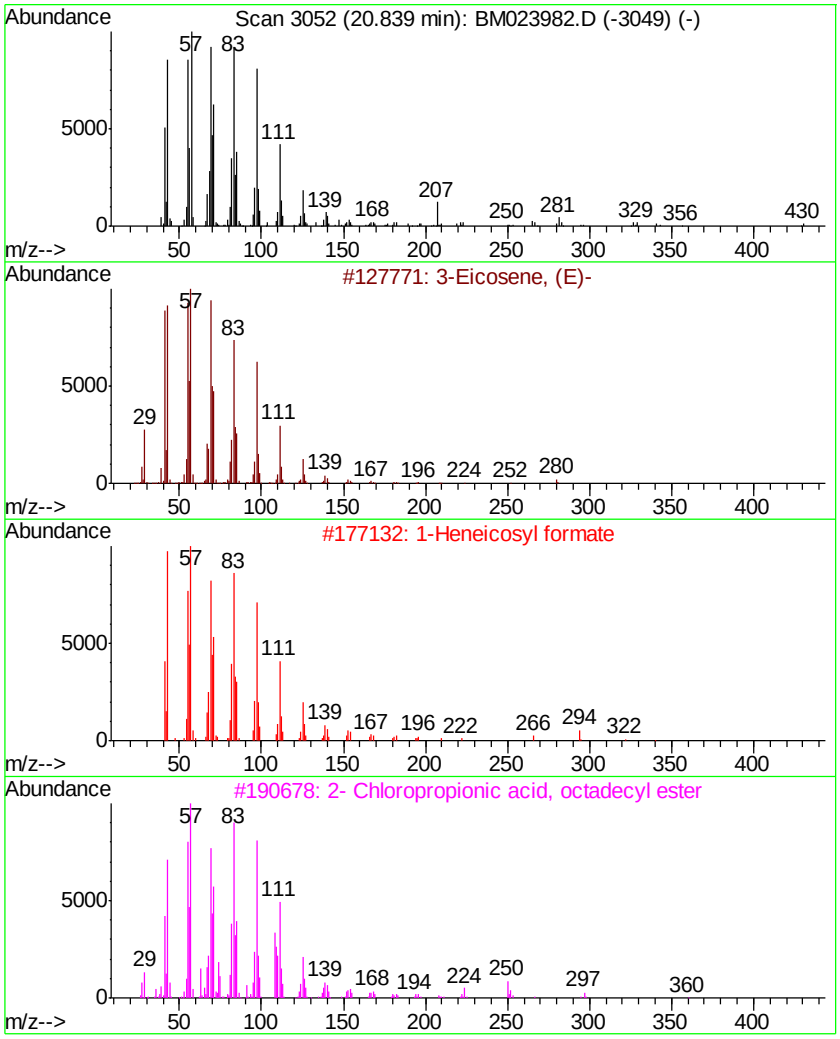
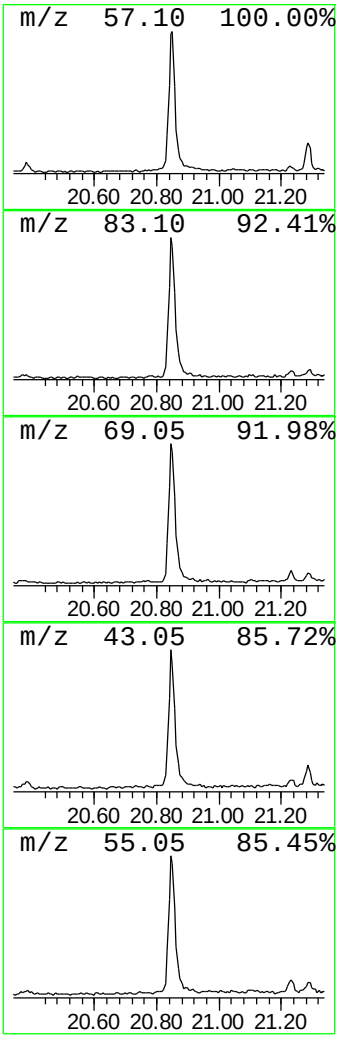
Peak Number 2 (DEL) Alkane: Cyclic20.84 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.57 ng/ul	883313	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.9	ng/ul	616290	4	16.90	4284810	20.0
(DEL) Alkane: Cyc...	20.84	3.6	ng/ul	883313	5	21.10	4948640	20.0