LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027384.D
Acq On : 10 Sep 2020 21:27
Operator : JU/CG
Sample : L3855-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW283

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-BM090420MA.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	3.134	22	25	36	rVB2	32694	51143	1.23%	0.113%
2	6.752	633	640	655	rBV	584914	942381	22.67%	2.085%
3	6.911	661	667	677	rVB	471872	717566	17.26%	1.588%
4	7.105	692	700	713	rBV	636127	992469	23.88%	2.196%
5	7.216	717	719	726	rVV5	5398	7056	0.17%	0.016%
6	7.563	772	778	786	rVB	696333	1102333	26.52%	2.439%
7	8.275	892	899	916	rBV	753814	1167960	28.10%	2.584%
8	8.710	964	973	983	rBV	604710	977265	23.51%	2.162%
9	9.428	1084	1095	1105	rBV	534623	858734	20.66%	1.900%
10	9.963	1178	1186	1199	rBV	816105	1338672	32.20%	2.962%
11	10.334	1241	1249	1259	rVB	955278	1544420	37.15%	3.417%
12	10.469	1265	1272	1290	rBV	712112	1236695	29.75%	2.736%
13	11.934	1515	1521	1531	rVB5	10382	20478	0.49%	0.045%
14	13.122	1717	1723	1727	rBV5	9784	15598	0.38%	0.035%
15	13.628	1802	1809	1813	rBV	1508881	2108863	50.73%	4.666%
16	13.669	1813	1816	1823	rVB	308189	425501	10.24%	0.941%
17	13.892	1847	1854	1865	rBV	1644938	2421899	58.26%	5.358%
18	14.204	1900	1907	1915	rBV2	1547343	2315704	55.71%	5.123%
19	14.416	1934	1943	1960	rBV	556733	885491	21.30%	1.959%
20	14.651	1980	1983	1987	rVB4	4160	5200	0.13%	0.012%
21	15.039	2043	2049	2053	rBV4	4987	7264	0.17%	0.016%
22	15.098	2055	2059	2062	rVB5	3183	4159	0.10%	0.009%
23	15.204	2070	2077	2087	rBV	2250683	3044967	73.25%	6.737%
24	15.328	2093	2098	2112	rBV	610022	837474	20.15%	1.853%
25	15.445	2114	2118	2123	rVB2	23231	32420	0.78%	0.072%
26	15.992	2207	2211	2218	rVB5	9699	15636	0.38%	0.035%
27	16.128	2227	2234	2236	rVB4	2351	4530	0.11%	0.010%
28	16.316	2261	2266	2269	rBV5	2474	4172	0.10%	0.009%
29	16.633	2319	2320	2324	rVB3	4518	4219	0.10%	0.009%
30	16.745	2334	2339	2344	rBV3	9337	15864	0.38%	0.035%
31	16.951	2368	2374	2385	rBV	2127045	2915704	70.14%	6.451%
32	17.051	2385	2391	2403	rVV	2477662	3347921	80.54%	7.407%
33	17.163	2408	2410	2414	rVB3	4137	5337	0.13%	0.012%
34	17.486	2463	2465	2469	rVB5	3096	4298	0.10%	0.010%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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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-BM090420MA.M
Title : SVOA CALIBRATION

35	17.880	2525	2532	2541	rBV	289162	438268	10.54%	0.970%
36	18.410	2620	2622	2626	rBV4	2796	4518	0.11%	0.010%
37	18.680	2666	2668	2671	rBV4	4518	4409	0.11%	0.010%
38	18.986	2716	2720	2723	rBV	28742	37424	0.90%	0.083%
39	19.163	2746	2750	2758	rBV	97806	153233	3.69%	0.339%
40	19.239	2760	2763	2767	rVB	27205	38867	0.93%	0.086%
41	19.351	2776	2782	2789	rBV	3274999	4156913	100.00%	9.197%
42	19.898	2873	2875	2879	rVB3	20499	24147	0.58%	0.053%
43	19.939	2879	2882	2885	rBV5	13555	20430	0.49%	0.045%
44	20.433	2964	2966	2969	rVB3	19173	16806	0.40%	0.037%
45	20.892	3039	3044	3053	rBV	770062	1012222	24.35%	2.239%
46	21.151	3083	3088	3096	rBV	2828182	3412369	82.09%	7.550%
47	21.333	3117	3119	3123	rBV4	54456	58686	1.41%	0.130%
48	23.180	3427	3433	3441	rBV	1880028	3316316	79.78%	7.337%
49	23.315	3450	3456	3467	rVB	1534259	2843951	68.41%	6.292%
50	23.939	3560	3562	3573	rVB3	148633	280899	6.76%	0.621%

Sum of corrected areas: 45198851

LSC Report - Integrated Chromatogram

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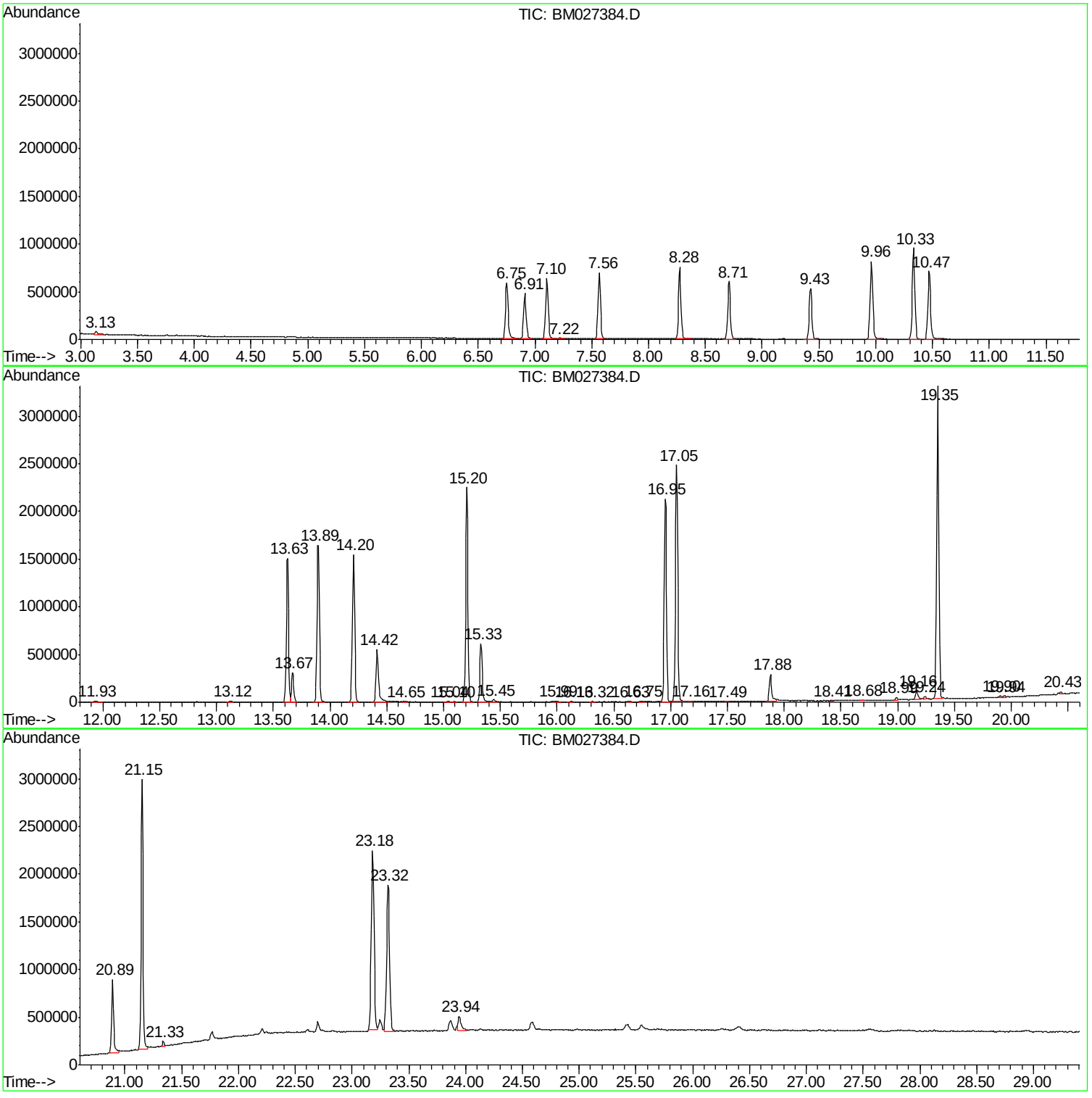
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW283

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM027384.D
Acq On : 10 Sep 2020 21:27
Operator : JU/CG
Sample : L3855-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW283

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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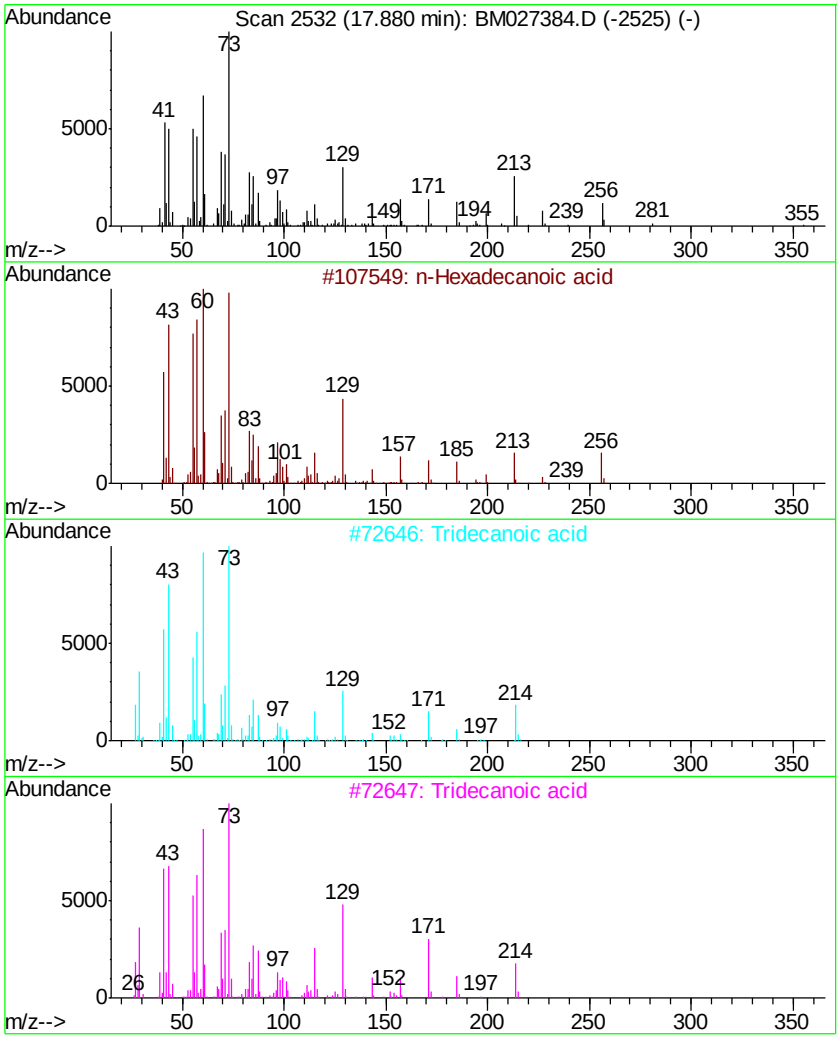
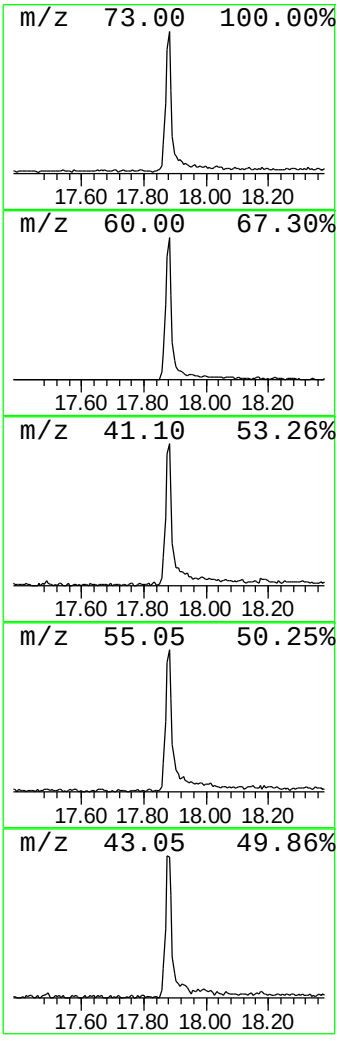
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.01 ng/ul	438268	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Instrument : BNA_M
ClientSampleId : EW283

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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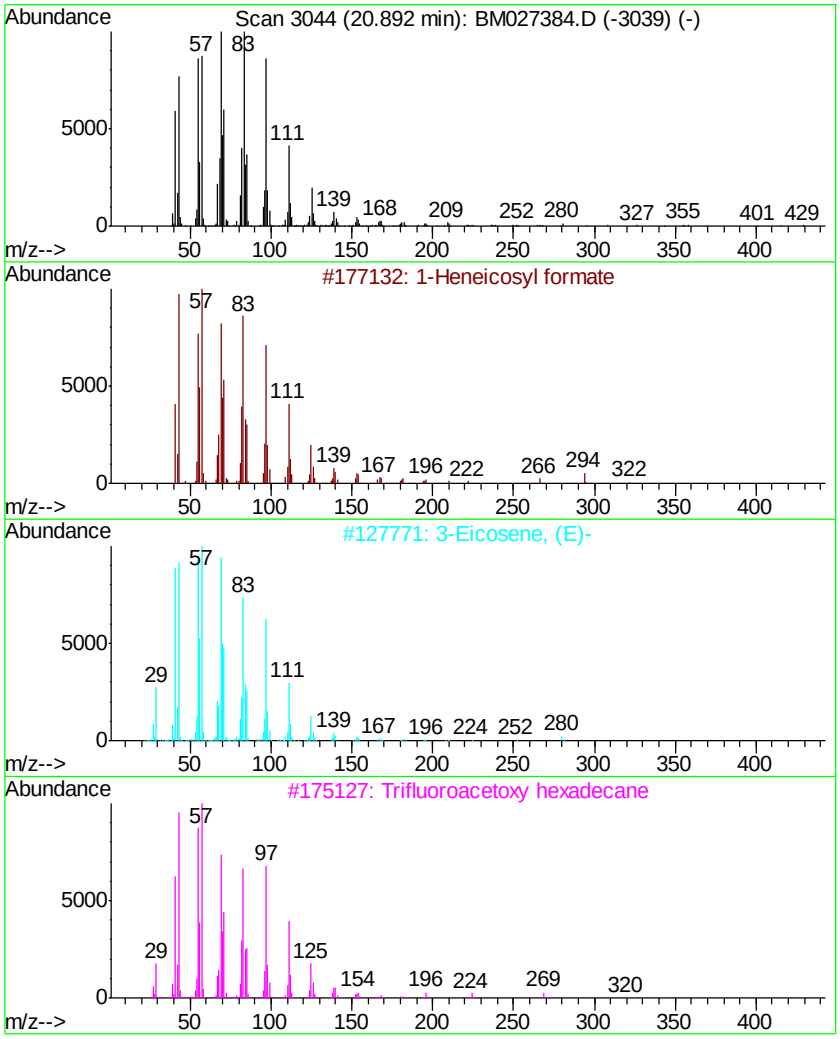
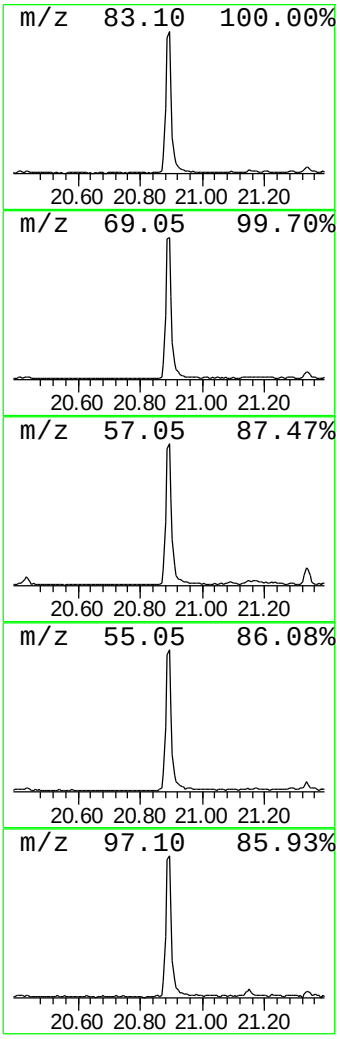
Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.93 ng/ul	1012220	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

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Acq On : 10 Sep 2020 21:27
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EW283

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA 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
n-Hexadecanoic acid	17.88	3.0	ng/ul	438268	4	16.95	2915700	20.0
1-Heneicosyl formate	20.89	5.9	ng/ul	1012220	5	21.15	3412370	20.0