LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
Data File : BN031573.D
Acq On : 20 May 2024 16:00
Operator : MA/JU
Sample : P2484-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH9Q3

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_N\Methods\SFAM-EPA-BN051524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	47	rVB	120112	176228	2.20%	0.166%
2	3.458	76	80	88	rBV	193859	277017	3.45%	0.261%
3	3.599	101	104	120	rBV	1629141	2342443	29.20%	2.209%
4	3.928	156	160	166	rVB	27780	38787	0.48%	0.037%
5	4.711	289	293	298	rBV8	5891	8799	0.11%	0.008%
6	4.822	307	312	318	rVB2	8826	18371	0.23%	0.017%
7	5.787	472	476	482	rVB	39551	59095	0.74%	0.056%
8	6.340	565	570	574	rVB9	6777	12628	0.16%	0.012%
9	6.675	623	627	631	rBV7	6758	11705	0.15%	0.011%
10	6.858	649	658	673	rBV	2107310	3284788	40.95%	3.098%
11	7.034	680	688	697	rVB	1753684	2685449	33.48%	2.533%
12	7.222	712	720	728	rBV	1989131	3189228	39.76%	3.008%
13	7.293	728	732	739	rVB	45385	78837	0.98%	0.074%
14	7.487	760	765	772	rVB8	4897	12221	0.15%	0.012%
15	7.693	792	800	807	rBV	2055737	3265039	40.70%	3.079%
16	7.757	807	811	818	rVB2	63230	103360	1.29%	0.097%
17	7.928	834	840	846	rBV2	8331	16952	0.21%	0.016%
18	8.063	856	863	867	rBV8	5309	11194	0.14%	0.011%
19	8.393	910	919	932	rBV	2543013	4083372	50.90%	3.851%
20	8.475	932	933	939	rVB5	8472	9931	0.12%	0.009%
21	8.846	987	996	1006	rBV	1907538	3129689	39.01%	2.952%
22	8.940	1011	1012	1018	rVV6	6070	9472	0.12%	0.009%
23	9.010	1018	1024	1032	rVB5	14939	26587	0.33%	0.025%
24	9.263	1058	1067	1073	rBV	33691	57250	0.71%	0.054%
25	9.410	1087	1092	1099	rBV	135115	210040	2.62%	0.198%
26	9.563	1109	1118	1134	rBV	1326358	2180762	27.18%	2.057%
27	9.675	1134	1137	1141	rVB5	5528	9414	0.12%	0.009%
28	9.781	1151	1155	1162	rVB4	8130	14716	0.18%	0.014%
29	10.093	1200	1208	1221	rBV	2383192	3898590	48.60%	3.677%
30	10.257	1230	1236	1245	rBV3	34918	60477	0.75%	0.057%
31	10.475	1265	1273	1282	rVB	2924739	4858666	60.57%	4.582%
32	10.616	1285	1297	1307	rBV	2390261	4142469	51.64%	3.907%
33	11.022	1360	1366	1372	rVB	39309	62141	0.77%	0.059%
34	11.216	1392	1399	1412	rBV	183300	332287	4.14%	0.313%
35	11.910	1511	1517	1522	rVB7	5752	11480	0.14%	0.011%
36	11.975	1522	1528	1534	rBV7	8119	13391	0.17%	0.013%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Title : SVOA CALIBRATION

37	12.069	1534	1544	1549	rBV	46891	82665	1.03%	0.078%
38	13.110	1714	1721	1725	rBV6	5712	10427	0.13%	0.010%
39	13.163	1725	1730	1735	rVV3	19943	31015	0.39%	0.029%
40	13.304	1746	1754	1761	rVB6	10609	22954	0.29%	0.022%
41	13.557	1793	1797	1803	rBV5	12646	22423	0.28%	0.021%
42	13.745	1823	1829	1841	rBV	3843295	5411749	67.46%	5.104%
43	14.022	1865	1876	1889	rBV	4432847	6872921	85.68%	6.482%
44	14.239	1910	1913	1918	rBV3	14380	19982	0.25%	0.019%
45	14.334	1921	1929	1936	rBV	3998322	6098622	76.02%	5.752%
46	14.528	1952	1962	1967	rBV	1449241	2282454	28.45%	2.153%
47	14.681	1985	1988	1994	rVB6	10165	17418	0.22%	0.016%
48	14.751	1996	2000	2004	rVB7	21670	30570	0.38%	0.029%
49	15.145	2062	2067	2072	rBV2	11494	24488	0.31%	0.023%
50	15.192	2072	2075	2080	rVB4	12626	15723	0.20%	0.015%
51	15.328	2091	2098	2107	rVB	5497853	8021991	100.00%	7.566%
52	15.439	2111	2117	2125	rBV	728053	1010953	12.60%	0.953%
53	15.563	2134	2138	2148	rVB6	27731	53743	0.67%	0.051%
54	15.886	2190	2193	2198	rVB6	10388	15332	0.19%	0.014%
55	16.010	2211	2214	2216	rBV4	8287	11014	0.14%	0.010%
56	16.057	2219	2222	2227	rVV5	16160	25300	0.32%	0.024%
57	16.110	2228	2231	2235	rVB5	13343	18945	0.24%	0.018%
58	16.851	2353	2357	2361	rBV5	25399	43245	0.54%	0.041%
59	16.886	2361	2363	2367	rVB4	8772	11935	0.15%	0.011%
60	17.075	2389	2395	2405	rBV	4269606	6182572	77.07%	5.831%
61	17.175	2405	2412	2421	rBV	5342506	7535195	93.93%	7.107%
62	17.269	2425	2428	2432	rVV4	23075	33861	0.42%	0.032%
63	17.316	2433	2436	2442	rVB2	36990	51514	0.64%	0.049%
64	17.416	2451	2453	2457	rBV4	11208	14916	0.19%	0.014%
65	17.980	2544	2549	2559	rBV	589438	896359	11.17%	0.845%
66	19.104	2737	2740	2744	rBV	63271	87343	1.09%	0.082%
67	19.263	2763	2767	2774	rBV	308327	448074	5.59%	0.423%
68	19.469	2796	2802	2810	rBV	4874949	6862964	85.55%	6.473%
69	20.998	3059	3062	3068	rVB	332234	410776	5.12%	0.387%
70	21.304	3109	3114	3121	rBV2	3030626	4231564	52.75%	3.991%
71	24.039	3572	3579	3601	rVB2	2409221	6088978	75.90%	5.743%
72	24.245	3606	3614	3625	rVB	1775978	4325491	53.92%	4.080%

Sum of corrected areas: 106028351

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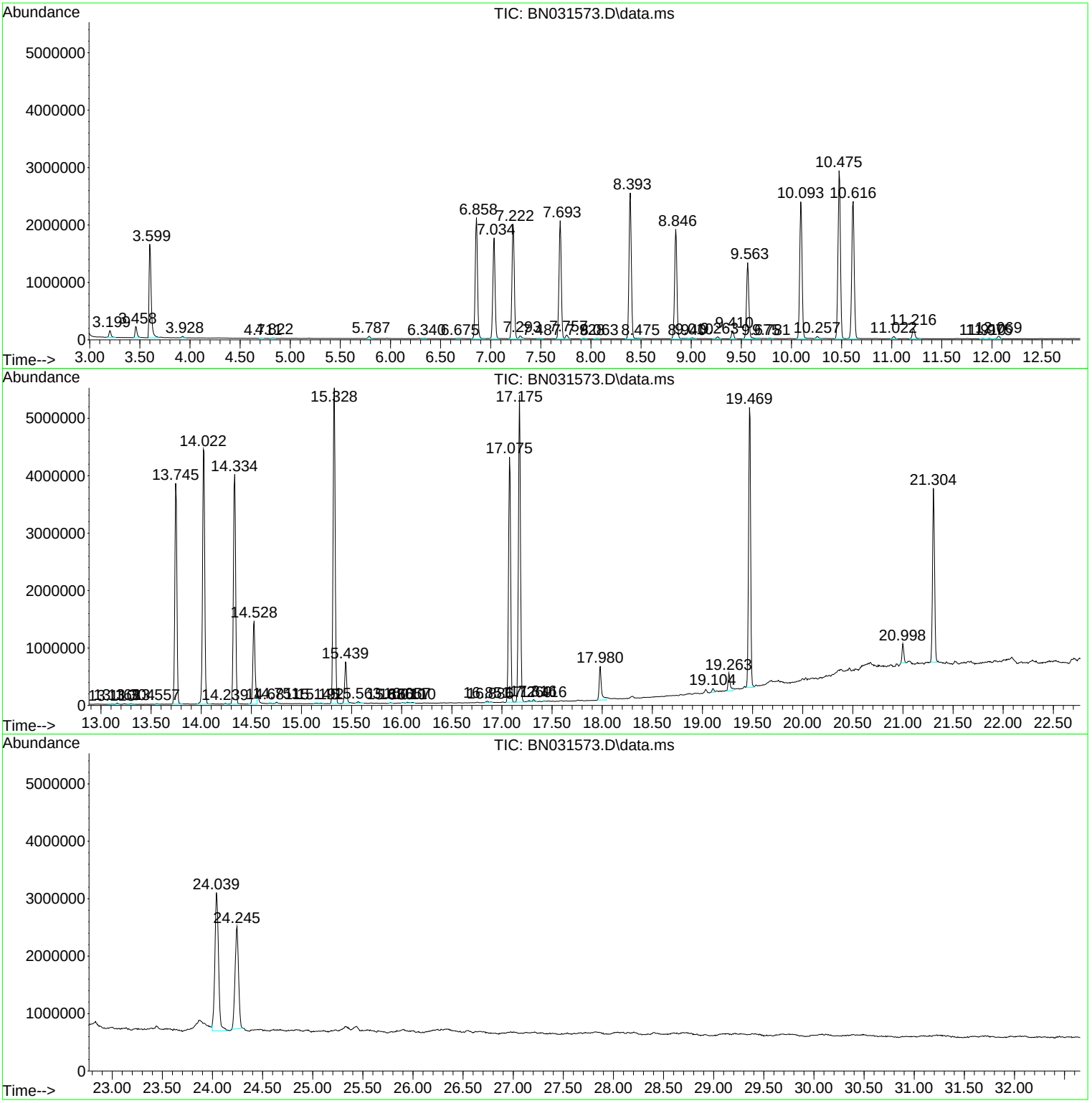
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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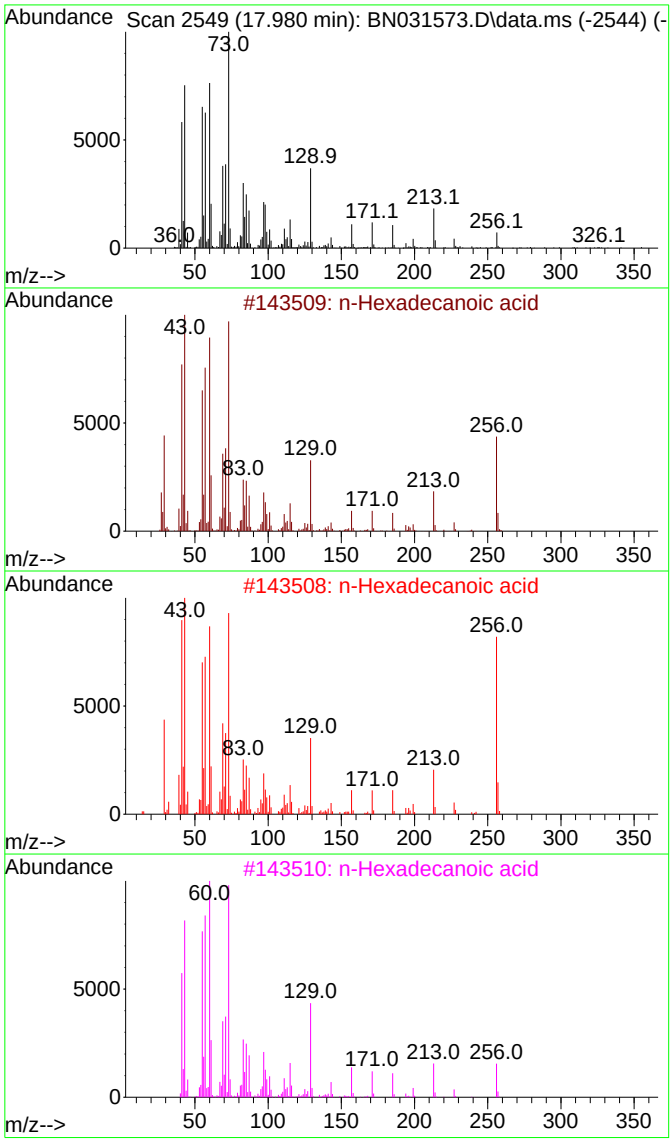
Quant Title : SVOA CALIBRATION

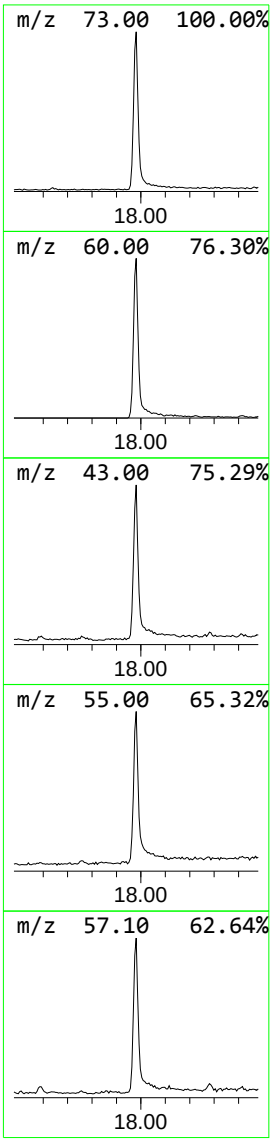
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	2.90 ng/ul	896359	Phenanthrene-d10	17.075

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	99
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





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Sample : P2484-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH9Q3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

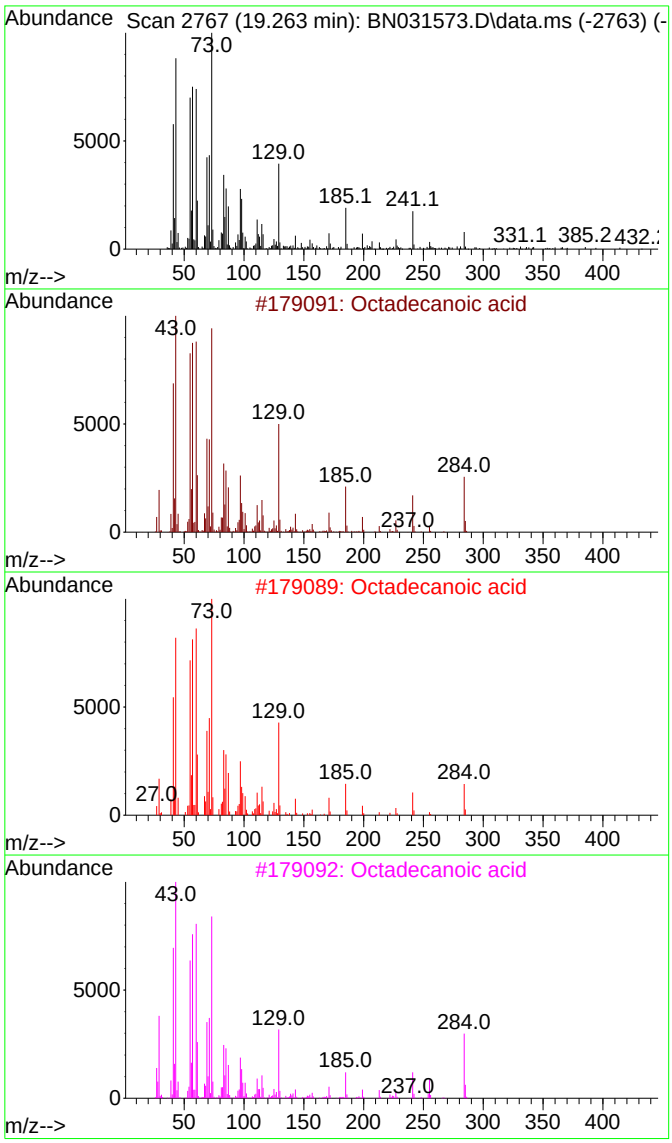
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

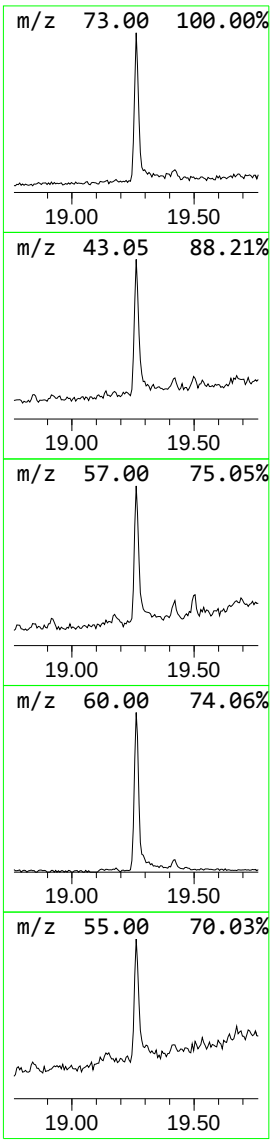
****

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	2.12 ng/ul	448074	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH9Q3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.980	2.9	ng/ul	896359	4	17.075	6182570	20.0
Octadecanoic acid	19.263	2.1	ng/ul	448074	5	21.304	4231560	20.0