LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021064.D
Acq On : 19 Jul 2024 04:20
Operator : MA/JU
Sample : P3201-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CJ0

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	38	41	48	rVB	37547	48071	1.10%	0.108%
2	3.516	86	90	96	rBV	55128	84408	1.93%	0.189%
3	3.646	108	112	124	rBV	443761	662591	15.17%	1.482%
4	3.740	125	128	133	rVB	21327	30722	0.70%	0.069%
5	3.952	161	164	169	rVB2	15340	19925	0.46%	0.045%
6	4.499	255	257	262	rVB6	4904	5998	0.14%	0.013%
7	4.846	312	316	321	rVB	13944	19464	0.45%	0.044%
8	6.787	639	646	647	rBV5	10354	16075	0.37%	0.036%
9	6.893	658	664	681	rBV	611269	1026338	23.49%	2.296%
10	7.034	681	688	703	rVB	443974	749529	17.15%	1.677%
11	7.234	715	722	735	rBV	651582	1049902	24.03%	2.349%
12	7.328	735	738	749	rVB3	9773	23259	0.53%	0.052%
13	7.681	791	798	812	rBV	683848	1022756	23.41%	2.288%
14	7.887	829	833	838	rBV6	8164	12224	0.28%	0.027%
15	8.328	901	908	911	rVB9	2269	4702	0.11%	0.011%
16	8.404	915	921	939	rBV	708988	1310137	29.99%	2.931%
17	8.840	988	995	1012	rBV	513776	987750	22.61%	2.210%
18	8.975	1015	1018	1028	rVB	6263	16125	0.37%	0.036%
19	9.181	1045	1053	1059	rVB10	4277	8567	0.20%	0.019%
20	9.393	1079	1089	1095	rBV3	13308	27576	0.63%	0.062%
21	9.546	1108	1115	1128	rBV	503280	880121	20.14%	1.969%
22	9.840	1163	1165	1171	rVB6	3037	5009	0.11%	0.011%
23	10.028	1193	1197	1201	rBV6	3354	7374	0.17%	0.016%
24	10.093	1201	1208	1228	rVV	615591	1333220	30.51%	2.983%
25	10.446	1260	1268	1281	rBV	801051	1476050	33.78%	3.302%
26	10.598	1287	1294	1314	rBV	570130	1208479	27.66%	2.704%
27	10.993	1351	1361	1364	rBV	7555	19194	0.44%	0.043%
28	11.198	1389	1396	1407	rBV3	37526	111824	2.56%	0.250%
29	11.428	1432	1435	1442	rVB7	4726	7002	0.16%	0.016%
30	11.945	1516	1523	1524	rBV7	5583	6988	0.16%	0.016%
31	12.045	1535	1540	1548	rVB3	12721	24848	0.57%	0.056%
32	12.475	1610	1613	1618	rBV7	2559	4779	0.11%	0.011%
33	12.810	1665	1670	1674	rVB6	6684	10260	0.23%	0.023%
34	12.898	1681	1685	1689	rVB5	5496	8858	0.20%	0.020%
35	13.192	1731	1735	1739	rVB7	3665	5823	0.13%	0.013%
36	13.275	1743	1749	1755	rVB8	8889	18842	0.43%	0.042%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	13.322	1755	1757	1764	rVB7	2659	5694	0.13%	0.013%
38	13.622	1805	1808	1812	rVB6	4242	6059	0.14%	0.014%
39	13.710	1812	1823	1831	rBV	1249773	1852335	42.40%	4.144%
40	13.816	1838	1841	1845	rVB6	4082	5451	0.12%	0.012%
41	14.004	1861	1873	1884	rBV	1603571	2377183	54.41%	5.318%
42	14.122	1891	1893	1898	rVB5	7234	9503	0.22%	0.021%
43	14.316	1919	1926	1933	rBV	1429974	1954967	44.74%	4.374%
44	14.375	1933	1936	1943	rVB2	17677	31833	0.73%	0.071%
45	14.528	1954	1962	1967	rBV4	63157	142502	3.26%	0.319%
46	14.592	1967	1973	1977	rBV2	266473	494864	11.33%	1.107%
47	14.728	1994	1996	2001	rVB6	15358	20883	0.48%	0.047%
48	15.104	2055	2060	2065	rBV9	6312	14253	0.33%	0.032%
49	15.157	2066	2069	2074	rVB7	9150	12382	0.28%	0.028%
50	15.322	2091	2097	2104	rBV	2044756	2881996	65.96%	6.448%
51	15.381	2104	2107	2117	rVB2	24848	41957	0.96%	0.094%
52	15.481	2117	2124	2135	rBV	424915	765249	17.51%	1.712%
53	15.581	2138	2141	2149	rVB5	25794	39698	0.91%	0.089%
54	15.839	2182	2185	2187	rBV4	5489	7293	0.17%	0.016%
55	16.039	2217	2219	2220	rBV2	11035	8708	0.20%	0.019%
56	16.204	2243	2247	2252	rBV	31365	48775	1.12%	0.109%
57	16.333	2265	2269	2274	rVB3	17271	29490	0.67%	0.066%
58	16.522	2296	2301	2308	rBV6	25546	47248	1.08%	0.106%
59	16.633	2318	2320	2324	rBV5	7948	12395	0.28%	0.028%
60	17.004	2378	2383	2386	rBV	46781	72298	1.65%	0.162%
61	17.033	2386	2388	2394	rVB2	28491	35265	0.81%	0.079%
62	17.128	2396	2404	2409	rVV	1390614	2469030	56.51%	5.524%
63	17.175	2409	2412	2415	rVV	171757	228927	5.24%	0.512%
64	17.228	2415	2421	2431	rVV	2040618	3141537	71.90%	7.028%
65	17.310	2432	2435	2438	rVB4	27459	34956	0.80%	0.078%
66	17.586	2480	2482	2485	rVB	22067	21082	0.48%	0.047%
67	17.733	2503	2507	2513	rBV3	67786	133985	3.07%	0.300%
68	18.051	2557	2561	2572	rBV	409061	589339	13.49%	1.318%
69	18.227	2587	2591	2596	rBV2	66122	107722	2.47%	0.241%
70	18.622	2655	2658	2664	rVB5	62107	95315	2.18%	0.213%
71	19.263	2762	2767	2772	rVB	272733	392406	8.98%	0.878%
72	19.392	2785	2789	2792	rBV2	104456	164700	3.77%	0.368%
73	19.604	2819	2825	2837	rBV	2680476	4369170	100.00%	9.775%
74	21.227	3098	3101	3106	rVB2	260413	357966	8.19%	0.801%
75	21.568	3152	3159	3164	rBV2	1617221	2859277	65.44%	6.397%
76	24.633	3673	3680	3689	rVB	1287252	3486307	79.79%	7.799%

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77	24.857	3712	3718	3738	rVB	1056790	3074404	70.37%	6.878%

Sum of corrected areas: 44699194

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Instrument :
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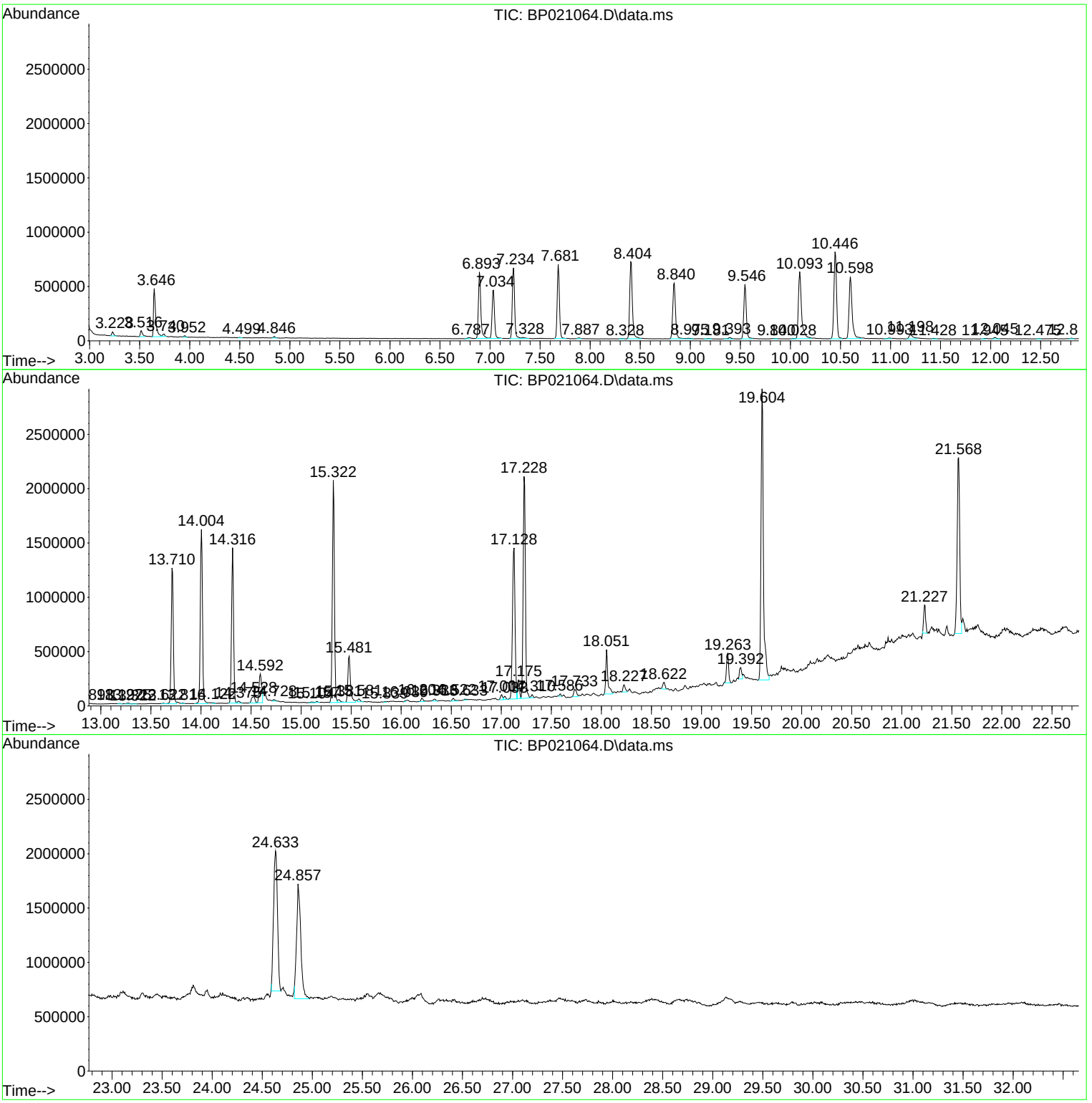
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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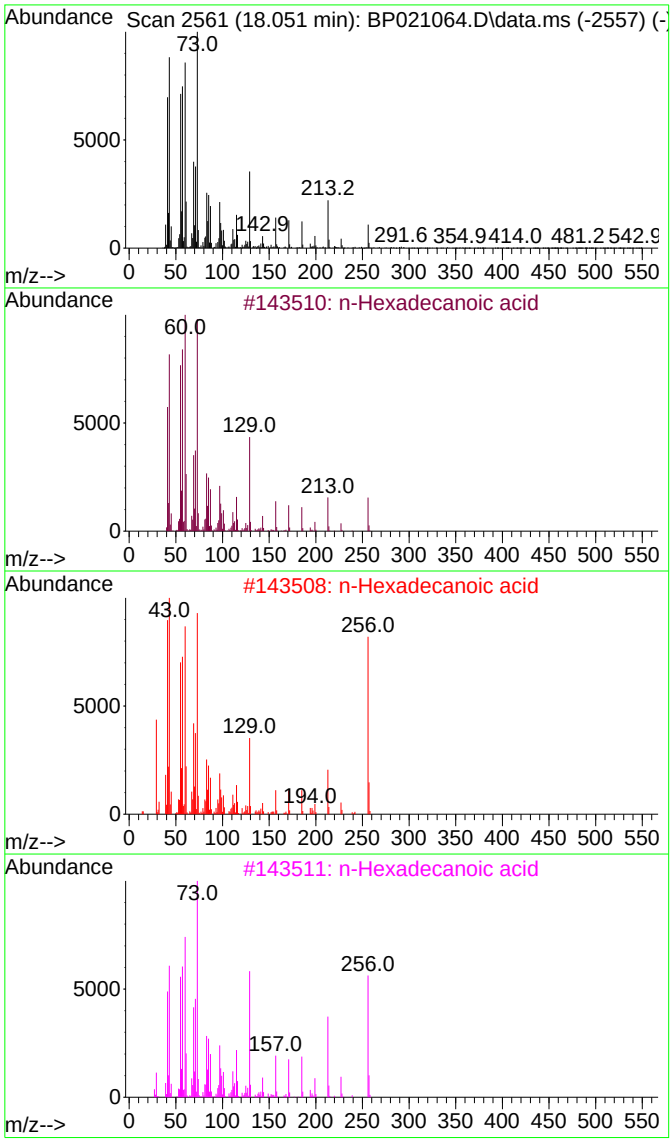
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

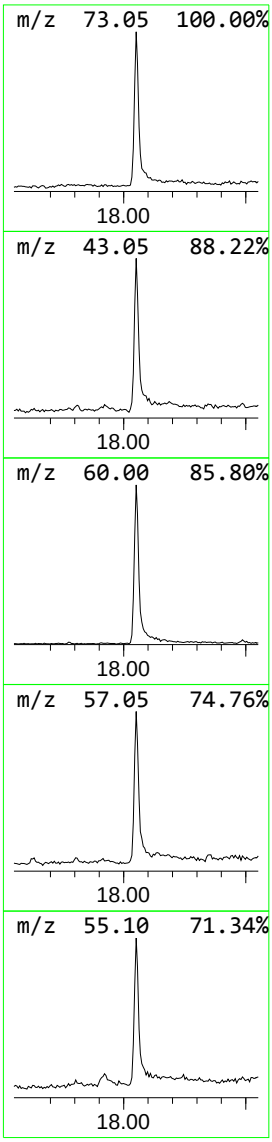
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	4.77 ng/ul	589339	Phenanthrene-d10	17.128

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	96





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ0

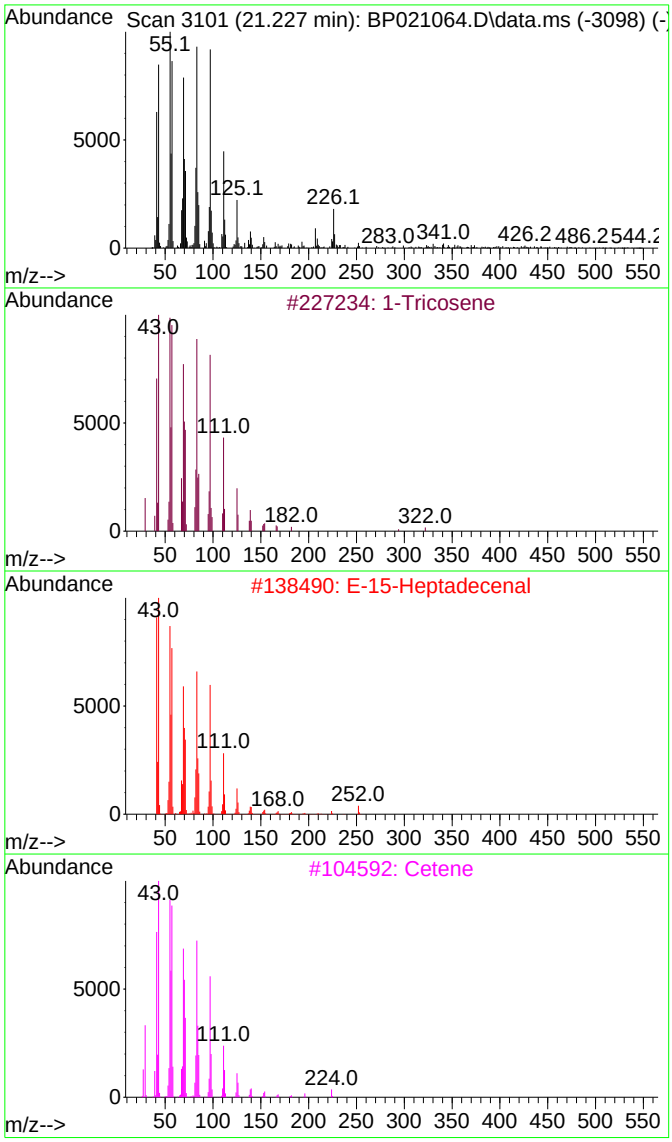
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

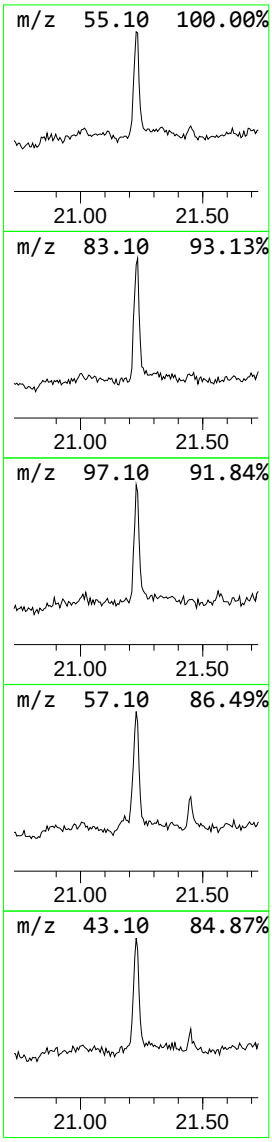
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	2.50 ng/ul	357966	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
3	Cetene	224	C16H32	000629-73-2	95
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
5	Cyclohexadecane	224	C16H32	000295-65-8	95





Tentatively Identified Compound (LSC) summary

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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 ...	18.051	4.8	ng/ul	589339	4	17.128	2469030	20.0
(DEL) Alkane: S...	21.227	2.5	ng/ul	357966	5	21.569	2859280	20.0