LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022816.D
Acq On : 3 Jul 2016 5:48
Operator : UM/SJ
Sample : H3818-20
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHW9

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.531	116	118	119	rBV2	15979	12390	0.23%	0.020%
2	4.712	316	319	322	rVB3	8487	10863	0.20%	0.018%
3	5.816	504	507	509	rVB3	6725	7540	0.14%	0.012%
4	5.857	509	514	515	rBV4	5752	9123	0.17%	0.015%
5	6.210	571	574	578	rVB5	12481	15105	0.28%	0.025%
6	6.286	585	587	590	rBV2	5661	7840	0.14%	0.013%
7	6.780	668	671	675	rVB4	9174	11414	0.21%	0.019%
8	6.897	688	691	694	rBV4	5047	7157	0.13%	0.012%
9	7.109	723	727	728	rBV4	8082	7910	0.14%	0.013%
10	7.308	753	761	774	rBV	673133	1276869	23.30%	2.083%
11	7.479	782	790	797	rBV	516158	895482	16.34%	1.461%
12	7.684	817	825	835	rBV	627253	1185474	21.63%	1.934%
13	7.890	858	860	864	rVB2	8519	9554	0.17%	0.016%
14	8.160	896	906	917	rBV2	601412	1121418	20.46%	1.830%
15	8.378	937	943	947	rBV8	10273	22382	0.41%	0.037%
16	8.536	966	970	972	rVB4	7857	8772	0.16%	0.014%
17	8.860	1014	1025	1034	rBV	878568	1616560	29.50%	2.637%
18	8.989	1043	1047	1053	rVB8	10833	12101	0.22%	0.020%
19	9.130	1067	1071	1073	rVB5	5519	7165	0.13%	0.012%
20	9.271	1091	1095	1097	rBV4	6357	10566	0.19%	0.017%
21	9.330	1098	1105	1116	rVV3	690867	1271674	23.21%	2.075%
22	9.418	1116	1120	1126	rVV5	27490	42203	0.77%	0.069%
23	9.717	1167	1171	1177	rVB4	23391	39704	0.72%	0.065%
24	9.982	1211	1216	1217	rBV3	6128	7279	0.13%	0.012%
25	10.058	1222	1229	1238	rVV	608334	1129949	20.62%	1.844%
26	10.193	1249	1252	1253	rBV3	8580	10241	0.19%	0.017%
27	10.487	1301	1302	1307	rVB4	9023	12041	0.22%	0.020%
28	10.534	1307	1310	1311	rBV2	8435	7353	0.13%	0.012%
29	10.599	1314	1321	1334	rVV	968305	1760914	32.13%	2.873%
30	10.757	1343	1348	1352	rVB6	6002	10662	0.19%	0.017%
31	10.822	1356	1359	1361	rBV3	8960	8927	0.16%	0.015%
32	10.986	1379	1387	1396	rBV	966029	1772935	32.35%	2.893%
33	11.116	1401	1409	1425	rBV	799400	1511259	27.58%	2.466%
34	11.339	1443	1447	1449	rBV5	7583	7851	0.14%	0.013%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

35	11.750	1514	1517	1521	rBV4	5265	8012	0.15%	0.013%
36	12.444	1631	1635	1637	rBV4	6636	8946	0.16%	0.015%
37	12.555	1651	1654	1664	rVB7	23601	52059	0.95%	0.085%
38	12.808	1695	1697	1700	rBV3	7256	7748	0.14%	0.013%
39	13.096	1743	1746	1749	rVB5	8336	10367	0.19%	0.017%
40	13.160	1751	1757	1762	rBV7	11499	21694	0.40%	0.035%
41	13.319	1779	1784	1791	rBV10	16337	41391	0.76%	0.068%
42	13.401	1791	1798	1801	rBV9	16522	29630	0.54%	0.048%
43	13.531	1816	1820	1823	rVB6	5580	7293	0.13%	0.012%
44	13.607	1830	1833	1836	rVB4	13280	12911	0.24%	0.021%
45	13.636	1836	1838	1840	rVB3	12371	9203	0.17%	0.015%
46	13.677	1840	1845	1849	rBV6	26777	54917	1.00%	0.090%
47	13.883	1878	1880	1884	rVB5	9057	8861	0.16%	0.014%
48	14.130	1917	1922	1926	rBV8	10386	21202	0.39%	0.035%
49	14.200	1926	1934	1938	rVV	1876943	2927774	53.42%	4.777%
50	14.242	1938	1941	1949	rVB	1081981	1563755	28.53%	2.551%
51	14.430	1970	1973	1974	rBV3	11668	11932	0.22%	0.019%
52	14.500	1977	1985	1992	rVV	1881769	3043914	55.54%	4.966%
53	14.629	2001	2007	2008	rBV5	10638	16353	0.30%	0.027%
54	14.670	2010	2014	2018	rBV2	35970	54146	0.99%	0.088%
55	14.747	2024	2027	2028	rBV3	10873	10913	0.20%	0.018%
56	14.800	2030	2036	2044	rVB2	1721555	2960120	54.02%	4.829%
57	14.994	2063	2069	2077	rBV	751805	1290844	23.55%	2.106%
58	15.205	2102	2105	2109	rVB4	41347	56377	1.03%	0.092%
59	15.293	2115	2120	2125	rBV8	19200	30764	0.56%	0.050%
60	15.581	2165	2169	2172	rBV4	22832	37930	0.69%	0.062%
61	15.622	2172	2176	2180	rVB2	75836	98615	1.80%	0.161%
62	15.793	2199	2205	2212	rVB	2664013	4192674	76.51%	6.840%
63	15.904	2218	2224	2232	rBV	848502	1269156	23.16%	2.071%
64	16.034	2239	2246	2250	rBV7	70611	131216	2.39%	0.214%
65	16.122	2259	2261	2267	rVB7	13196	23231	0.42%	0.038%
66	16.245	2280	2282	2285	rBV4	16860	18424	0.34%	0.030%
67	16.439	2310	2315	2318	rBV6	23204	43345	0.79%	0.071%
68	16.486	2319	2323	2327	rBV2	110170	183791	3.35%	0.300%
69	16.744	2365	2367	2368	rBV2	16150	9957	0.18%	0.016%
70	17.285	2455	2459	2462	rBV	102407	133680	2.44%	0.218%
71	17.332	2464	2467	2473	rVB7	56675	94595	1.73%	0.154%

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72	17.555	2499	2505	2511	rBV2	2455154	3751591	68.46%	6.121%
73	17.655	2516	2522	2532	rVB	2955241	4547535	82.98%	7.419%
74	18.019	2581	2584	2588	rBV4	41579	57894	1.06%	0.094%
75	18.419	2648	2652	2662	rBV3	317291	464956	8.48%	0.759%
76	19.688	2864	2868	2872	rBV5	92843	126325	2.31%	0.206%
77	19.935	2904	2910	2922	rVB	3633788	5480165	100.00%	8.941%
78	21.462	3166	3170	3177	rBV2	212472	342088	6.24%	0.558%
79	21.856	3230	3237	3250	rVB	2698822	4808175	87.74%	7.844%
80	24.999	3762	3772	3782	rBV2	1740455	4898382	89.38%	7.992%
81	25.235	3802	3812	3824	rVB2	1511747	4470112	81.57%	7.293%

Sum of corrected areas: 61293640

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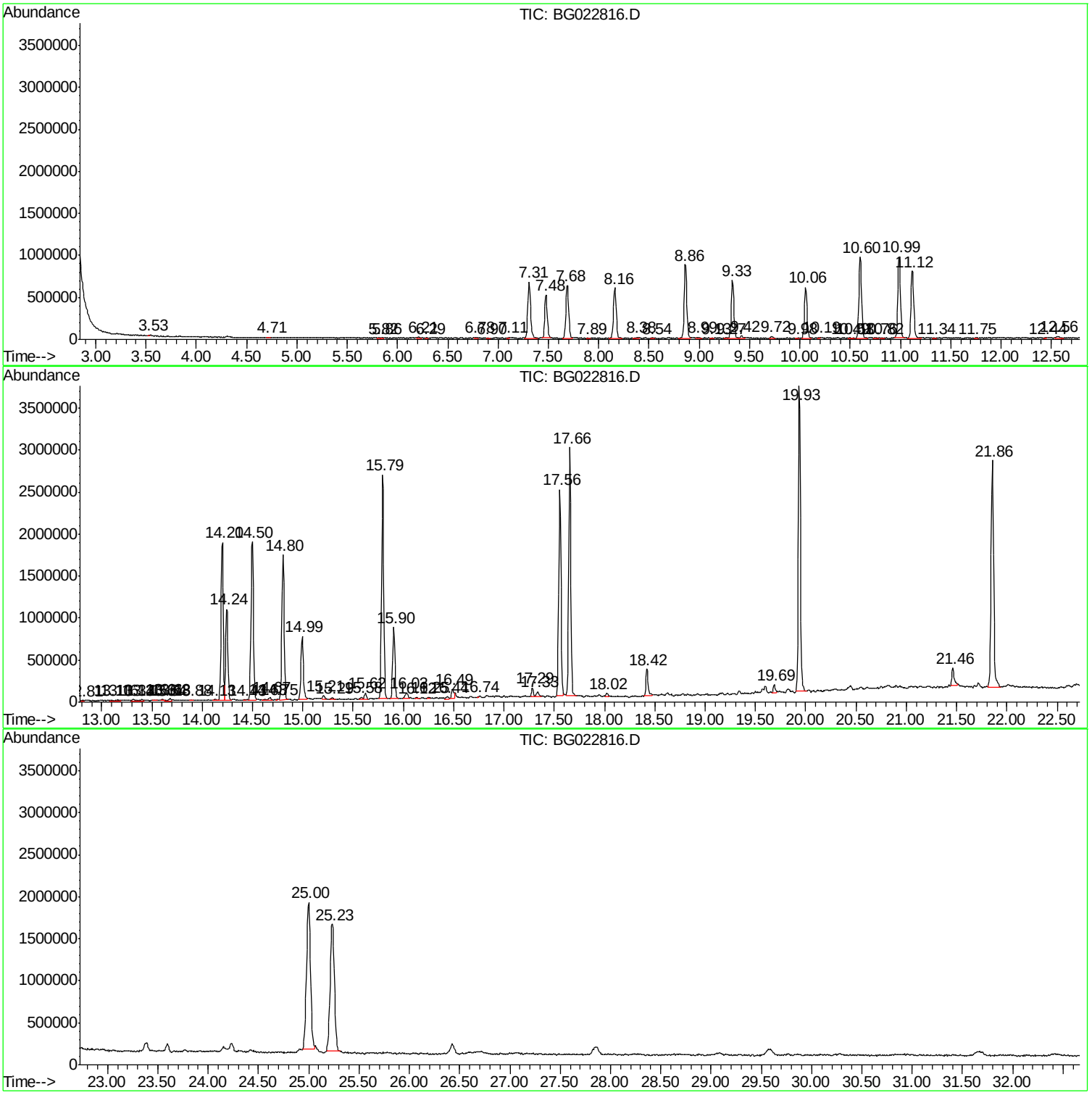
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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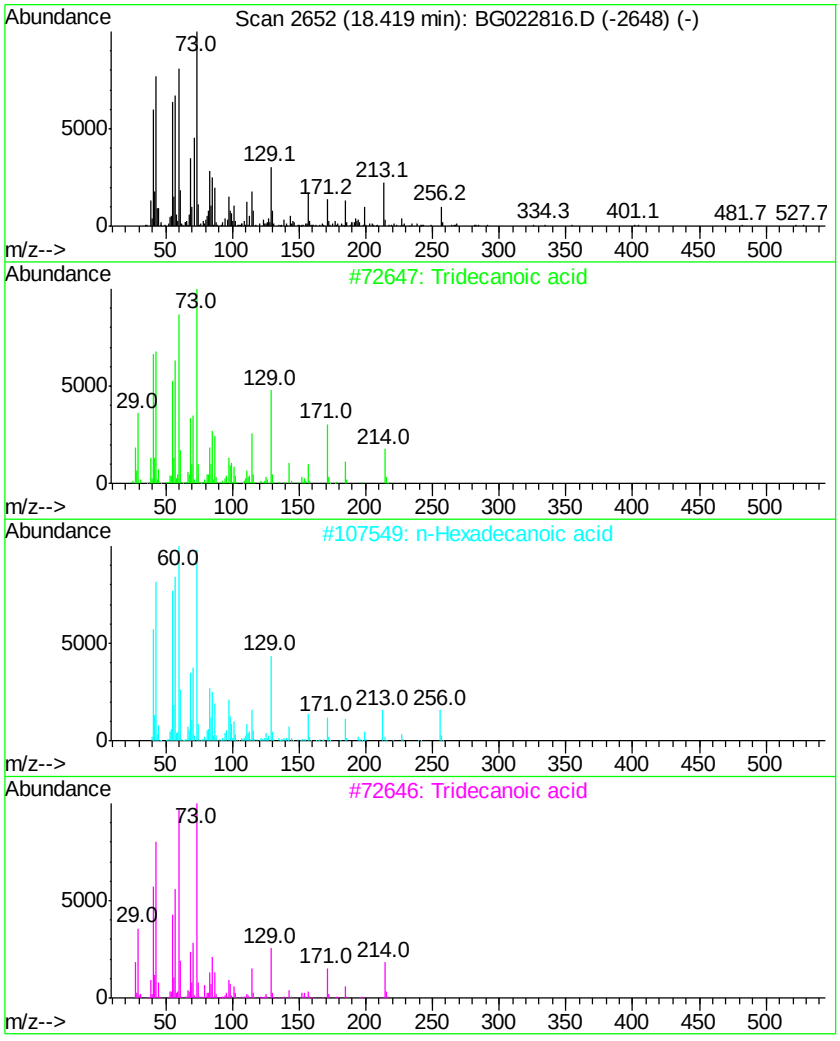
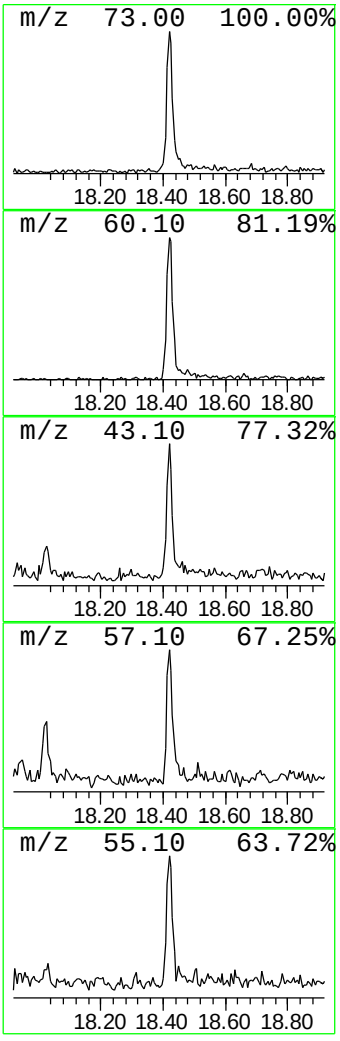
****

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.48 ng/ul	464956	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	18.42	2.5	ng/ul	464956	4	17.56	3751590	20.0