LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025258.D
Acq On : 17 Dec 2016 3:49
Operator : UM/SJ
Sample : H5995-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA886

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.214	60	64	73	rVB6	15431	30506	1.30%	0.118%
2	3.507	113	114	120	rBV5	4808	7630	0.32%	0.030%
3	3.584	123	127	136	rBV6	14152	25664	1.09%	0.100%
4	3.895	177	180	184	rBV5	4449	5260	0.22%	0.020%
5	4.148	222	223	229	rVB3	4043	7198	0.31%	0.028%
6	4.189	229	230	233	rBV3	6697	5651	0.24%	0.022%
7	4.353	255	258	265	rVB5	6478	11987	0.51%	0.046%
8	4.412	265	268	275	rBV7	6212	14586	0.62%	0.057%
9	4.530	283	288	290	rBV3	4159	6626	0.28%	0.026%
10	4.588	297	298	303	rBV4	4798	6266	0.27%	0.024%
11	4.677	311	313	316	rBV3	5084	5317	0.23%	0.021%
12	4.724	316	321	324	rBV5	4565	9141	0.39%	0.035%
13	5.299	415	419	425	rVB6	11288	18297	0.78%	0.071%
14	5.417	437	439	442	rVB2	5736	5991	0.25%	0.023%
15	5.481	442	450	453	rBV8	4694	11761	0.50%	0.046%
16	5.546	458	461	465	rBV4	3284	5286	0.22%	0.021%
17	5.769	495	499	503	rBV4	3733	5938	0.25%	0.023%
18	5.828	508	509	515	rVB2	3354	5390	0.23%	0.021%
19	5.969	527	533	537	rVB5	3757	7996	0.34%	0.031%
20	6.921	693	695	700	rBV4	4748	7160	0.30%	0.028%
21	6.992	700	707	708	rVB4	3050	6548	0.28%	0.025%
22	7.086	719	723	726	rVV3	4039	5268	0.22%	0.020%
23	7.133	726	731	736	rVB5	3739	8803	0.37%	0.034%
24	7.238	746	749	752	rVV4	4147	5987	0.25%	0.023%
25	7.279	752	756	758	rVV3	3834	5350	0.23%	0.021%
26	7.397	766	776	791	rBV3	307479	676998	28.79%	2.626%
27	7.550	795	802	810	rVB	206657	357686	15.21%	1.387%
28	7.767	831	839	849	rBV	338658	584529	24.86%	2.267%
29	7.890	856	860	865	rBV5	3296	7523	0.32%	0.029%
30	8.231	911	918	930	rVB	262510	474339	20.17%	1.840%
31	8.560	972	974	977	rBV2	4672	5653	0.24%	0.022%
32	8.684	990	995	997	rBV3	6975	7890	0.34%	0.031%
33	8.948	1031	1040	1051	rBV2	400892	760130	32.33%	2.948%
34	9.418	1111	1120	1133	rBV	326617	638975	27.17%	2.478%

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Instrument : BNA_G
ClientSampleId : DA886

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	9.635	1154	1157	1160	rBV3	4901	5450	0.23%	0.021%
36	9.724	1168	1172	1180	rVB5	4669	7948	0.34%	0.031%
37	9.823	1186	1189	1194	rVB3	5467	7193	0.31%	0.028%
38	9.976	1213	1215	1221	rVB4	7308	11261	0.48%	0.044%
39	10.070	1227	1231	1234	rBV3	3567	5349	0.23%	0.021%
40	10.141	1234	1243	1253	rVV	310137	600397	25.53%	2.328%
41	10.376	1278	1283	1285	rBV4	5225	7060	0.30%	0.027%
42	10.687	1328	1336	1347	rBV2	419650	832928	35.42%	3.230%
43	10.934	1376	1378	1382	rVB3	3778	5469	0.23%	0.021%
44	11.063	1390	1400	1413	rBV	353953	687695	29.25%	2.667%
45	11.204	1415	1424	1439	rBV2	342904	685296	29.14%	2.658%
46	11.363	1449	1451	1459	rVB5	5368	7926	0.34%	0.031%
47	11.627	1493	1496	1498	rBV3	4746	6685	0.28%	0.026%
48	11.739	1511	1515	1518	rBV4	4701	6491	0.28%	0.025%
49	11.839	1529	1532	1537	rVB5	3765	7143	0.30%	0.028%
50	11.898	1538	1542	1545	rVB2	3549	6023	0.26%	0.023%
51	12.133	1577	1582	1584	rBV2	4020	7626	0.32%	0.030%
52	12.274	1603	1606	1611	rVB3	4415	7097	0.30%	0.028%
53	12.356	1616	1620	1623	rBV2	6742	8113	0.35%	0.031%
54	12.479	1636	1641	1642	rBV4	4881	5664	0.24%	0.022%
55	12.626	1661	1666	1671	rBV5	4217	6457	0.27%	0.025%
56	12.714	1674	1681	1683	rBV4	7891	15153	0.64%	0.059%
57	12.808	1693	1697	1700	rBV2	5610	8394	0.36%	0.033%
58	13.014	1728	1732	1734	rBV2	4354	5268	0.22%	0.020%
59	13.061	1736	1740	1745	rVB4	6684	12292	0.52%	0.048%
60	13.202	1757	1764	1768	rBV4	8005	19345	0.82%	0.075%
61	13.290	1776	1779	1784	rBV5	5115	9908	0.42%	0.038%
62	13.419	1798	1801	1804	rVV4	5606	7916	0.34%	0.031%
63	13.449	1804	1806	1810	rVB3	5108	6053	0.26%	0.023%
64	13.625	1829	1836	1838	rBV5	4655	7860	0.33%	0.030%
65	13.707	1842	1850	1852	rBV5	8219	15442	0.66%	0.060%
66	13.866	1872	1877	1882	rBV5	6156	7395	0.31%	0.029%
67	14.254	1936	1943	1947	rBV	808781	1238208	52.66%	4.802%
68	14.295	1947	1950	1960	rVB	138801	209286	8.90%	0.812%
69	14.447	1971	1976	1978	rBV4	4727	7394	0.31%	0.029%
70	14.559	1986	1995	2010	rBV	810971	1365091	58.06%	5.294%
71	14.694	2013	2018	2026	rVB8	12745	20654	0.88%	0.080%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DA886

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	14.859	2039	2046	2053	rBV	570234	950701	40.43%	3.687%
73	15.082	2073	2084	2100	rBV	388576	765761	32.57%	2.970%
74	15.229	2105	2109	2111	rBV4	10319	14751	0.63%	0.057%
75	15.294	2119	2120	2126	rVB6	9056	10526	0.45%	0.041%
76	15.640	2176	2179	2186	rVB2	32019	42438	1.80%	0.165%
77	15.752	2195	2198	2203	rVB7	10111	12737	0.54%	0.049%
78	15.846	2203	2214	2230	rBV	1148841	1791661	76.20%	6.948%
79	15.981	2230	2237	2245	rBV2	395161	679936	28.92%	2.637%
80	16.087	2251	2255	2261	rVB8	24163	48515	2.06%	0.188%
81	16.192	2270	2273	2277	rVB6	10138	7963	0.34%	0.031%
82	16.263	2284	2285	2290	rVB4	12185	13980	0.59%	0.054%
83	16.498	2322	2325	2335	rVB3	41305	78019	3.32%	0.303%
84	16.569	2335	2337	2341	rBV5	8145	10568	0.45%	0.041%
85	16.786	2370	2374	2377	rBV6	13505	20331	0.86%	0.079%
86	16.833	2379	2382	2383	rBV3	9448	7635	0.32%	0.030%
87	16.950	2399	2402	2406	rVB6	15025	17226	0.73%	0.067%
88	17.191	2440	2443	2446	rBV5	10289	13216	0.56%	0.051%
89	17.291	2456	2460	2464	rVB3	34920	47045	2.00%	0.182%
90	17.350	2465	2470	2472	rBV6	10962	16598	0.71%	0.064%
91	17.450	2485	2487	2492	rBV6	7008	9470	0.40%	0.037%
92	17.603	2506	2513	2523	rBV	771932	1203577	51.19%	4.668%
93	17.702	2523	2530	2539	rVB	1273588	1979970	84.20%	7.679%
94	18.437	2647	2655	2666	rBV	246268	405437	17.24%	1.572%
95	19.694	2865	2869	2877	rVB6	95917	137310	5.84%	0.533%
96	19.976	2910	2917	2924	rBV	1620522	2341560	99.58%	9.081%
97	21.457	3166	3169	3175	rVB4	140777	201790	8.58%	0.783%
98	21.898	3238	3244	3257	rVB	850100	1561351	66.40%	6.055%
99	25.082	3777	3786	3800	rVB2	778481	2351373	100.00%	9.119%
100	25.323	3818	3827	3837	rVB3	447698	1413620	60.12%	5.482%

Sum of corrected areas: 25785325

LSC Report - Integrated Chromatogram

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Data File : BG025258.D
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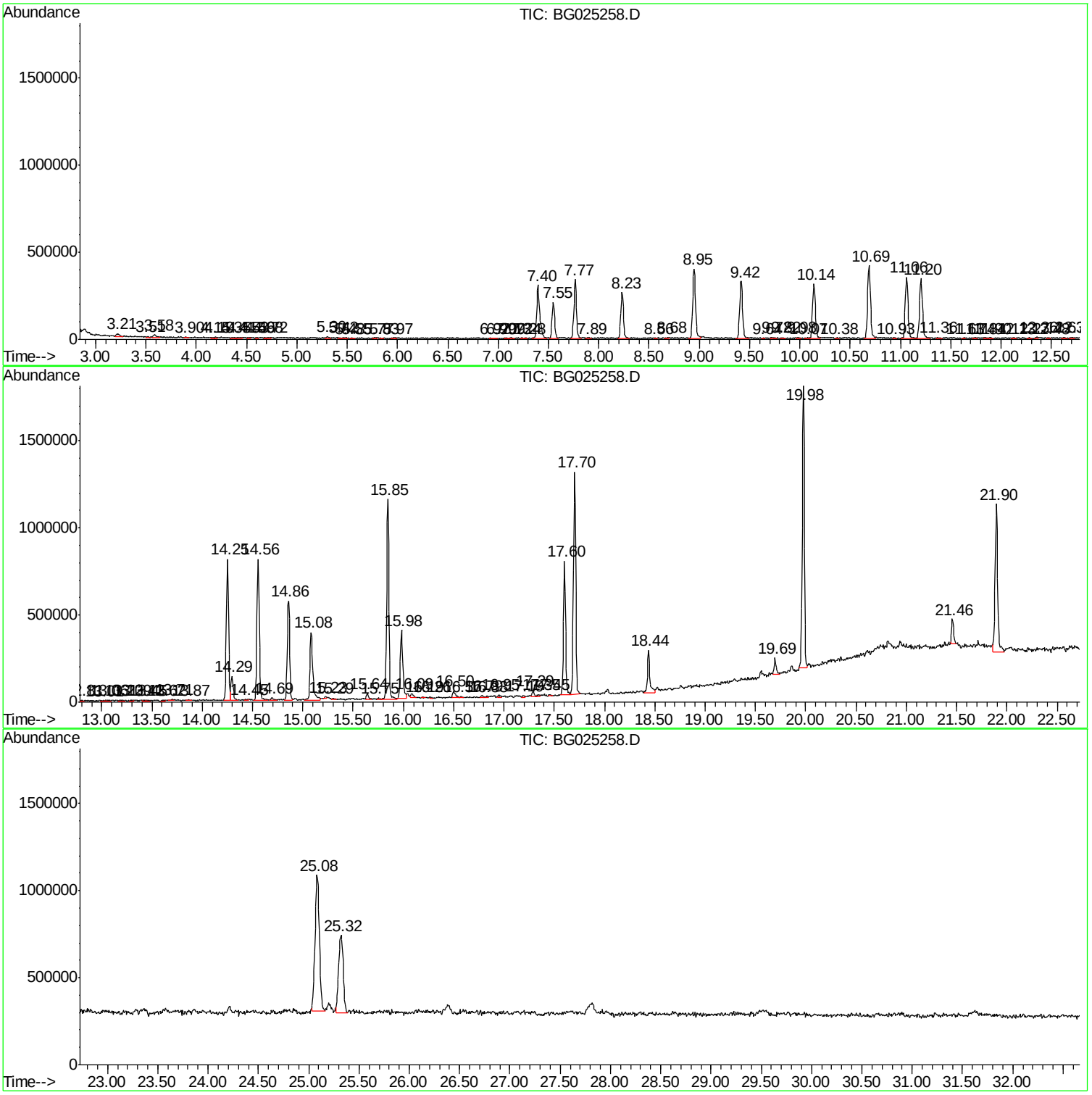
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA886

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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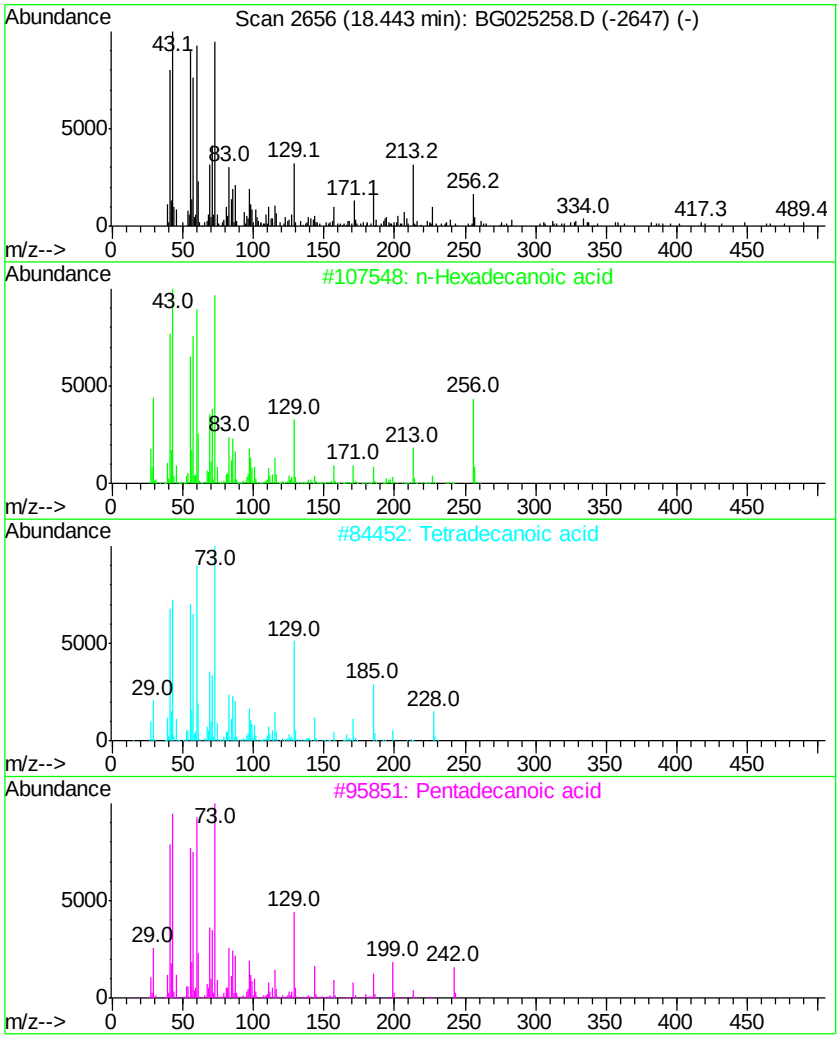
TIC Integration Parameters: LSCINT.P

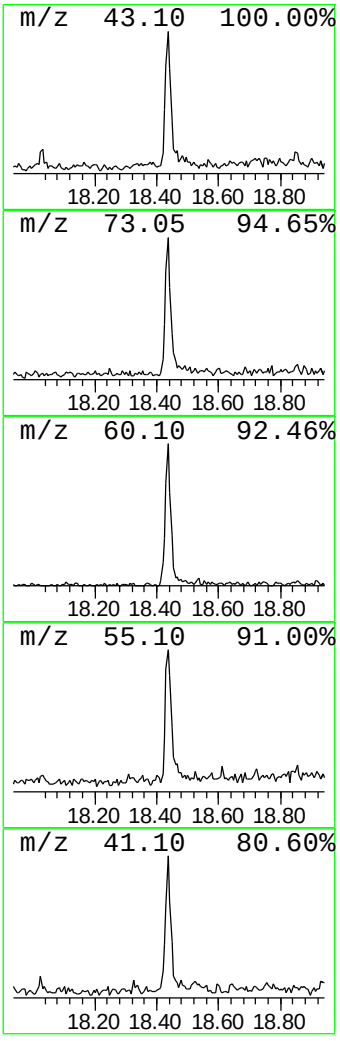
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	6.74 ng/ul	405437	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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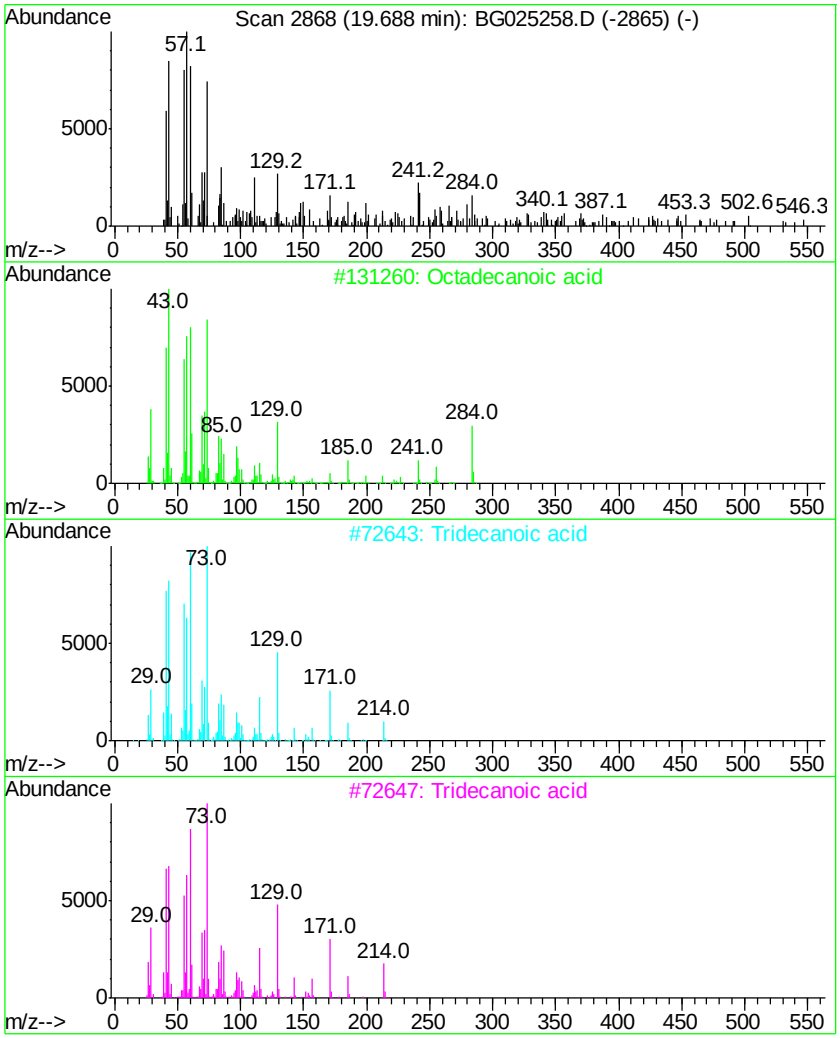
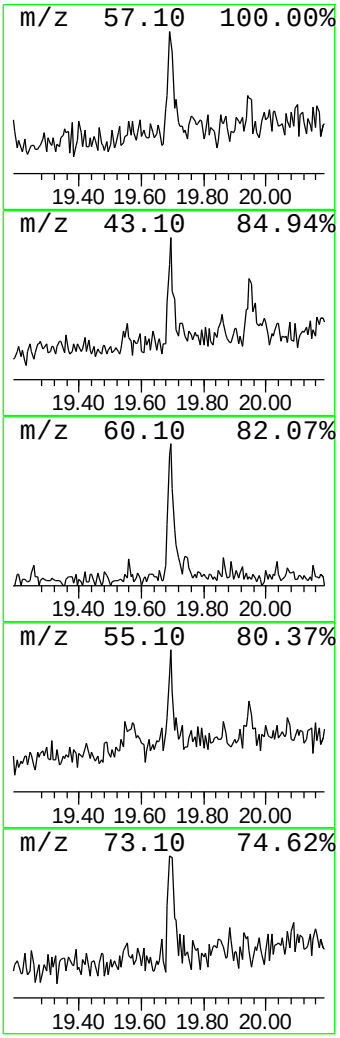
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.28 ng/ul	137310	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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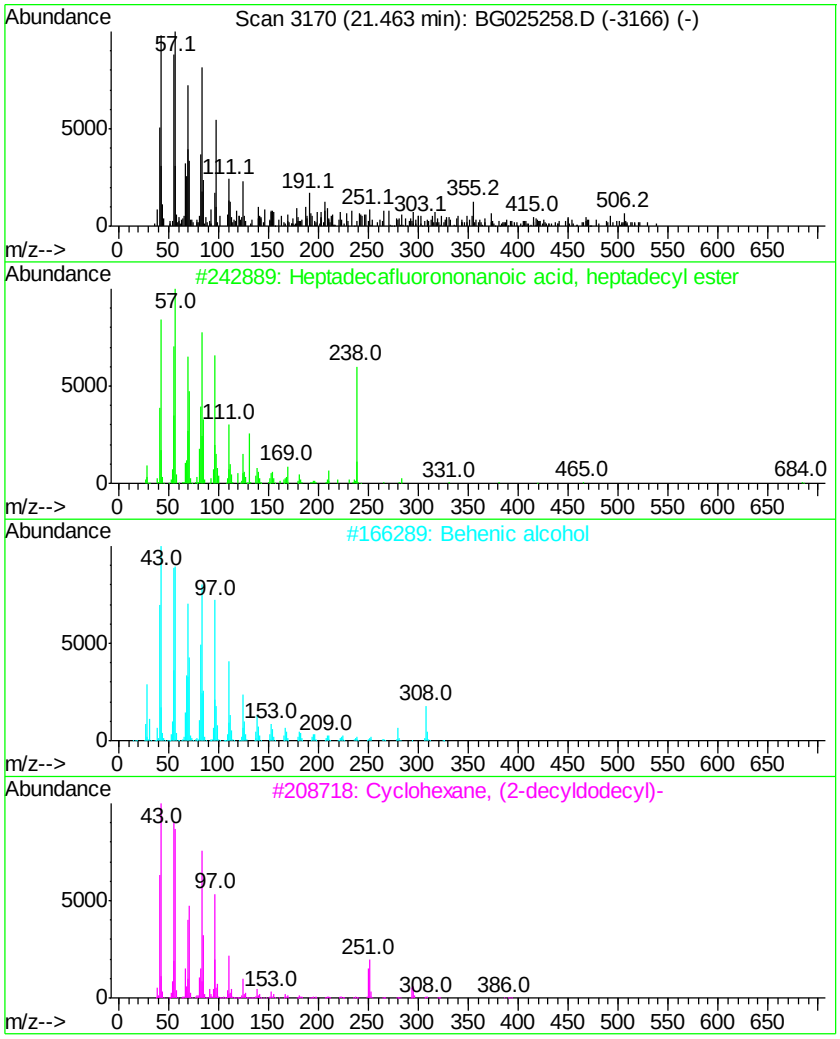
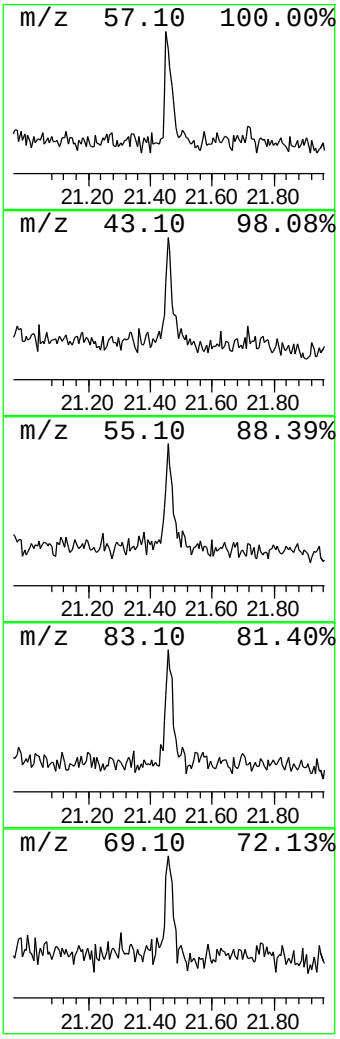
Peak Number 3 Heptadecafluorononanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.58 ng/ul	201790	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecafluorononanoic acid, he...	702	C26H35F17O2	1000356-03-3	83
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Cyclohexane, (2-decyldodecyl)-	392	C28H56	006704-00-3	83
4	Cyclohexane, (2-decyldodecyl)-	392	C28H56	006704-00-3	83
5	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	83





Tentatively Identified Compound (LSC) summary

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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	18.44	6.7	ng/ul	405437	4	17.60	1203580	20.0
Octadecanoic acid	19.69	2.3	ng/ul	137310	4	17.60	1203580	20.0
Heptadecafluorono...	21.46	2.6	ng/ul	201790	5	21.90	1561350	20.0