LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018193.D
Acq On : 15 Dec 2018 07:00
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

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-BM121318MA.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	2.993	16	18	19	rBV2	4767	2973	0.14%	0.009%
2	3.069	29	31	32	rBV	4650	2309	0.11%	0.007%
3	3.104	33	37	43	rVB	27427	36415	1.67%	0.114%
4	3.352	76	79	80	rBV3	3983	2893	0.13%	0.009%
5	3.387	83	85	89	rVB3	5035	5444	0.25%	0.017%
6	3.528	107	109	112	rBV4	3689	3417	0.16%	0.011%
7	3.593	118	120	125	rVB3	3739	4242	0.19%	0.013%
8	3.704	134	139	144	rVB2	25113	40412	1.85%	0.127%
9	3.793	150	154	159	rVB	12860	18977	0.87%	0.060%
10	3.899	168	172	177	rBV2	18316	23906	1.10%	0.075%
11	3.946	178	180	184	rVB3	3442	3424	0.16%	0.011%
12	4.157	213	216	220	rVB5	3792	5786	0.27%	0.018%
13	4.204	220	224	228	rBV3	5136	5897	0.27%	0.019%
14	4.328	242	245	247	rVB4	2870	3290	0.15%	0.010%
15	4.351	247	249	251	rVB2	2781	2299	0.11%	0.007%
16	4.381	251	254	256	rBV2	2075	2684	0.12%	0.008%
17	4.669	297	303	314	rBV2	32605	80959	3.71%	0.254%
18	5.357	416	420	422	rBV2	2070	2450	0.11%	0.008%
19	5.757	484	488	490	rBV	2387	3798	0.17%	0.012%
20	5.940	513	519	524	rBV2	18085	23201	1.06%	0.073%
21	6.063	537	540	543	rBV3	3186	2820	0.13%	0.009%
22	6.581	623	628	630	rBV2	1928	3000	0.14%	0.009%
23	6.628	634	636	640	rVB2	3122	3470	0.16%	0.011%
24	6.704	643	649	665	rVV2	476998	973613	44.67%	3.057%
25	6.863	671	676	685	rBV	418314	621117	28.50%	1.950%
26	7.045	700	707	717	rBV	544065	886285	40.67%	2.783%
27	7.322	751	754	755	rBV	2744	2703	0.12%	0.008%
28	7.510	779	786	794	rBV	710323	1118901	51.34%	3.513%
29	7.581	794	798	801	rVB4	4569	7072	0.32%	0.022%
30	7.834	837	841	844	rVB3	2843	4565	0.21%	0.014%
31	8.228	899	908	923	rBV	602527	1027528	47.15%	3.226%
32	8.328	923	925	926	rBV	3738	2851	0.13%	0.009%
33	8.669	976	983	991	rBV	493052	839162	38.51%	2.635%
34	9.039	1041	1046	1051	rBV2	17668	26512	1.22%	0.083%

LSC Area Percent Report

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Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

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-BM121318MA.M
Title : SVOA CALIBRATION

35	9.381	1096	1104	1115	rBV	403044	707915	32.48%	2.223%
36	9.457	1115	1117	1122	rVB2	2918	3054	0.14%	0.010%
37	9.916	1188	1195	1211	rBV	591772	1100657	50.50%	3.456%
38	10.022	1211	1213	1218	rVV5	6121	9479	0.43%	0.030%
39	10.063	1218	1220	1226	rVV2	2806	4979	0.23%	0.016%
40	10.275	1249	1256	1267	rBV	962578	1609129	73.84%	5.052%
41	10.433	1277	1283	1305	rBV	447883	943193	43.28%	2.961%
42	11.527	1463	1469	1474	rBV3	2529	4903	0.22%	0.015%
43	11.892	1526	1531	1537	rBV4	5528	11419	0.52%	0.036%
44	12.586	1643	1649	1650	rBV2	1557	2443	0.11%	0.008%
45	12.974	1711	1715	1720	rBV3	1878	3443	0.16%	0.011%
46	13.463	1794	1798	1803	rVB4	7110	9933	0.46%	0.031%
47	13.586	1813	1819	1824	rBV	1066898	1527956	70.11%	4.797%
48	13.639	1824	1828	1836	rVB	272428	398777	18.30%	1.252%
49	13.857	1858	1865	1879	rBV	1189527	1827886	83.87%	5.739%
50	14.074	1898	1902	1906	rVB3	3991	5449	0.25%	0.017%
51	14.168	1911	1918	1926	rVV2	1318766	2027549	93.03%	6.366%
52	14.263	1930	1934	1938	rBV2	3422	5010	0.23%	0.016%
53	14.421	1955	1961	1975	rBV	221616	553395	25.39%	1.737%
54	14.574	1986	1987	1990	rVB2	4763	3236	0.15%	0.010%
55	14.627	1991	1996	2005	rVV4	30017	55710	2.56%	0.175%
56	14.686	2005	2006	2012	rVB4	3416	6233	0.29%	0.020%
57	14.780	2021	2022	2025	rVB3	3359	2393	0.11%	0.008%
58	14.921	2043	2046	2048	rBV3	3194	2650	0.12%	0.008%
59	14.980	2052	2056	2061	rBV5	4350	6438	0.30%	0.020%
60	15.027	2061	2064	2069	rVV4	7546	9614	0.44%	0.030%
61	15.168	2079	2088	2098	rBV	1491536	2178145	99.95%	6.838%
62	15.333	2110	2116	2124	rBV	89241	148262	6.80%	0.465%
63	15.415	2126	2130	2134	rVV	16863	24191	1.11%	0.076%
64	15.486	2138	2142	2143	rBV	3112	3322	0.15%	0.010%
65	15.533	2146	2150	2153	rBV5	2376	3765	0.17%	0.012%
66	15.604	2160	2162	2165	rVB2	3211	2570	0.12%	0.008%
67	15.751	2183	2187	2192	rVB4	4827	7534	0.35%	0.024%
68	15.810	2195	2197	2199	rBV3	3001	2547	0.12%	0.008%
69	15.862	2203	2206	2208	rVB3	3299	3302	0.15%	0.010%
70	15.898	2208	2212	2215	rBV5	6301	10600	0.49%	0.033%
71	15.962	2218	2223	2226	rVB6	4603	6696	0.31%	0.021%

LSC Area Percent Report

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Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

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-BM121318MA.M
Title : SVOA CALIBRATION

72	15.998	2226	2229	2233	rBV4	3944	4411	0.20%	0.014%
73	16.027	2233	2234	2238	rBV3	3099	3026	0.14%	0.010%
74	16.133	2248	2252	2253	rBV4	4439	5414	0.25%	0.017%
75	16.204	2261	2264	2265	rBV3	3171	2937	0.13%	0.009%
76	16.221	2265	2267	2269	rVV3	3880	3920	0.18%	0.012%
77	16.257	2271	2273	2275	rVV3	4538	3679	0.17%	0.012%
78	16.304	2277	2281	2282	rVV3	4489	5918	0.27%	0.019%
79	16.357	2286	2290	2293	rBV4	5483	6357	0.29%	0.020%
80	16.527	2317	2319	2320	rBV2	4385	2584	0.12%	0.008%
81	16.610	2330	2333	2334	rBV3	3105	2322	0.11%	0.007%
82	16.657	2338	2341	2343	rBV4	4657	5849	0.27%	0.018%
83	16.680	2343	2345	2346	rBV2	5092	4126	0.19%	0.013%
84	16.721	2349	2352	2353	rVV3	4793	5496	0.25%	0.017%
85	16.845	2370	2373	2379	rBV6	10464	20726	0.95%	0.065%
86	16.927	2381	2387	2398	rVV	1485474	2143929	98.38%	6.731%
87	17.027	2398	2404	2416	rVB	1557588	2179341	100.00%	6.842%
88	17.221	2433	2437	2447	rBV4	38811	101862	4.67%	0.320%
89	17.786	2529	2533	2538	rBV8	6723	9419	0.43%	0.030%
90	17.839	2538	2542	2552	rBV	357073	521205	23.92%	1.636%
91	18.315	2621	2623	2624	rBV	8678	5720	0.26%	0.018%
92	18.762	2697	2699	2702	rBV4	15963	19653	0.90%	0.062%
93	19.133	2758	2762	2770	rBV	162459	260267	11.94%	0.817%
94	19.339	2791	2797	2805	rBV	1452437	1992397	91.42%	6.255%
95	20.868	3054	3057	3063	rVB2	246170	309888	14.22%	0.973%
96	21.145	3100	3104	3109	rBV	1281852	1709495	78.44%	5.367%
97	23.174	3444	3449	3456	rVB	1072673	1878971	86.22%	5.899%
98	23.309	3468	3472	3480	rVB	937348	1614468	74.08%	5.069%

Sum of corrected areas: 31851532

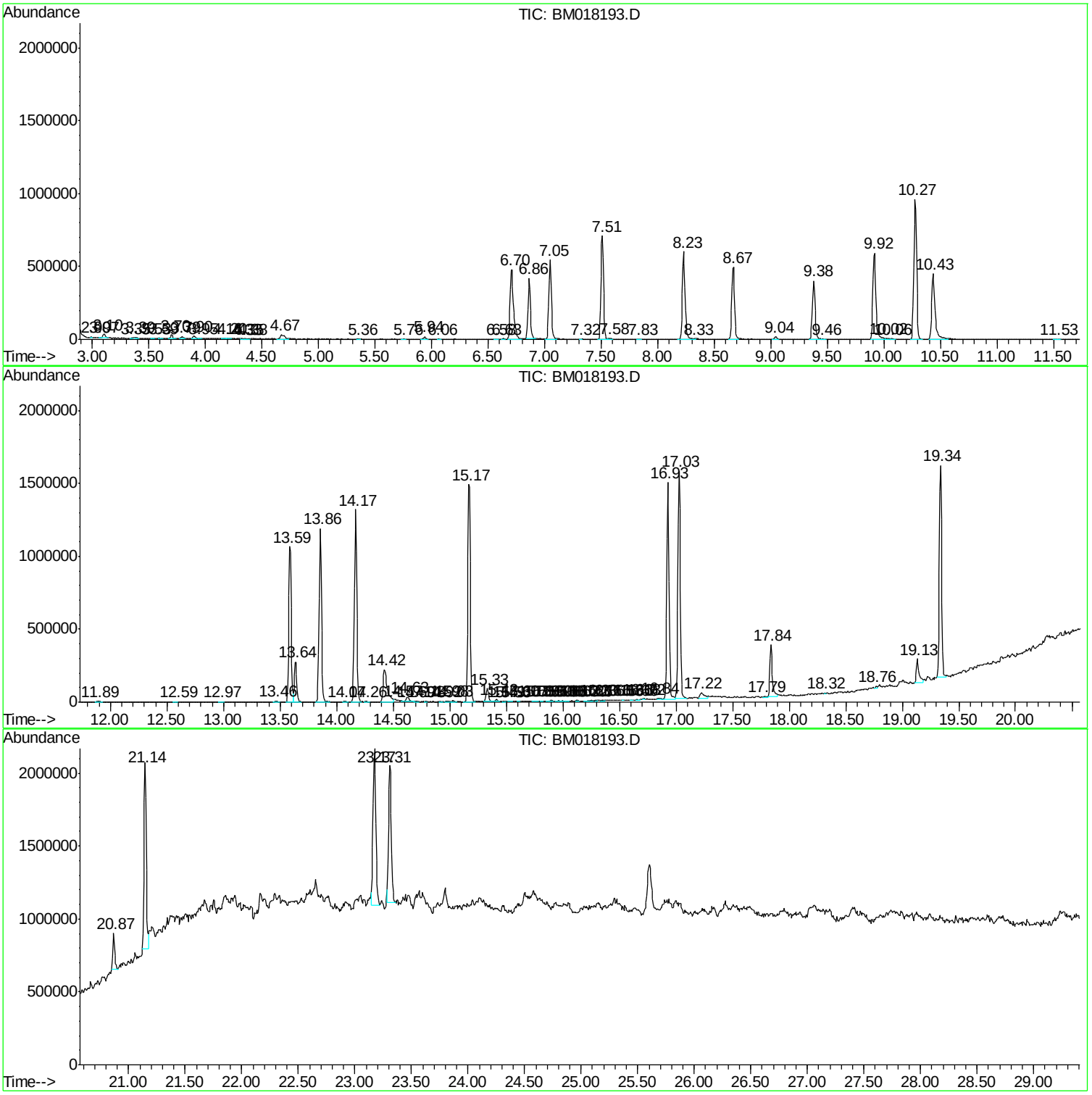
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018193.D
Acq On : 15 Dec 2018 07:00
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018193.D
Acq On : 15 Dec 2018 07:00
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

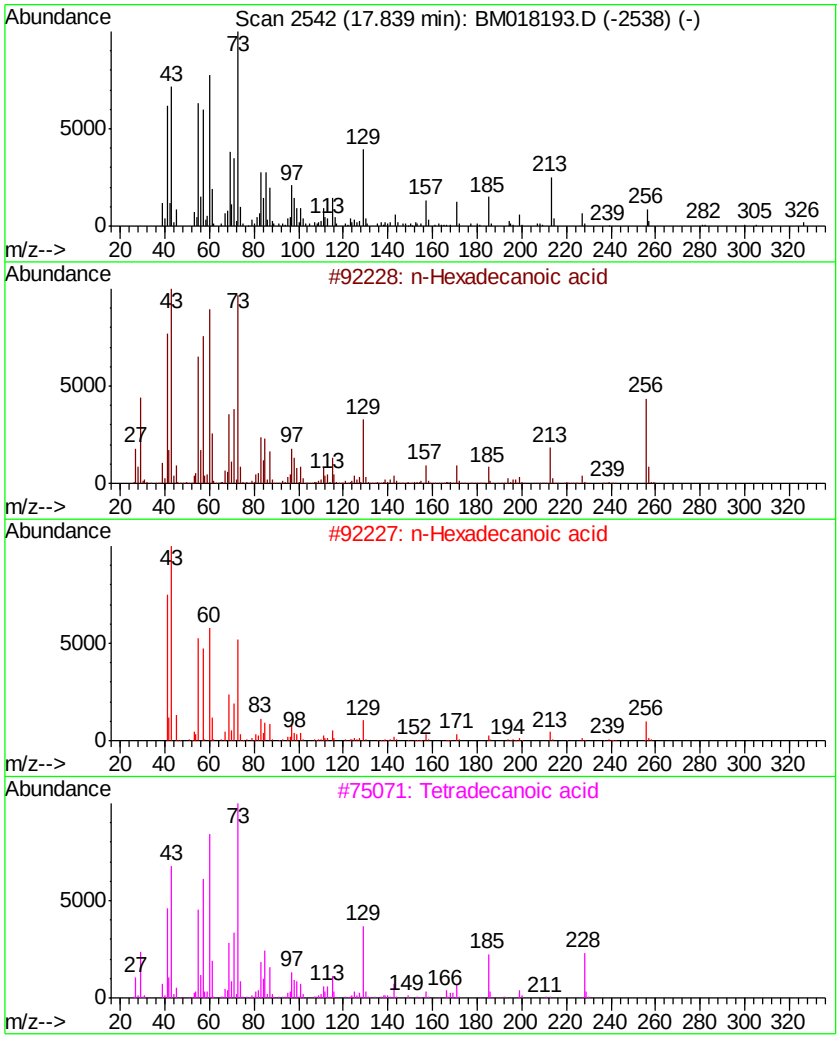
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

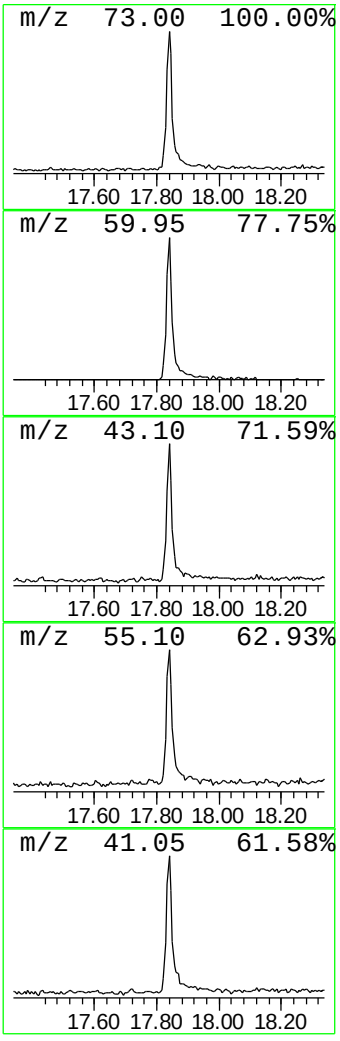
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	4.86 ng/ul	521205	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018193.D
Acq On : 15 Dec 2018 07:00
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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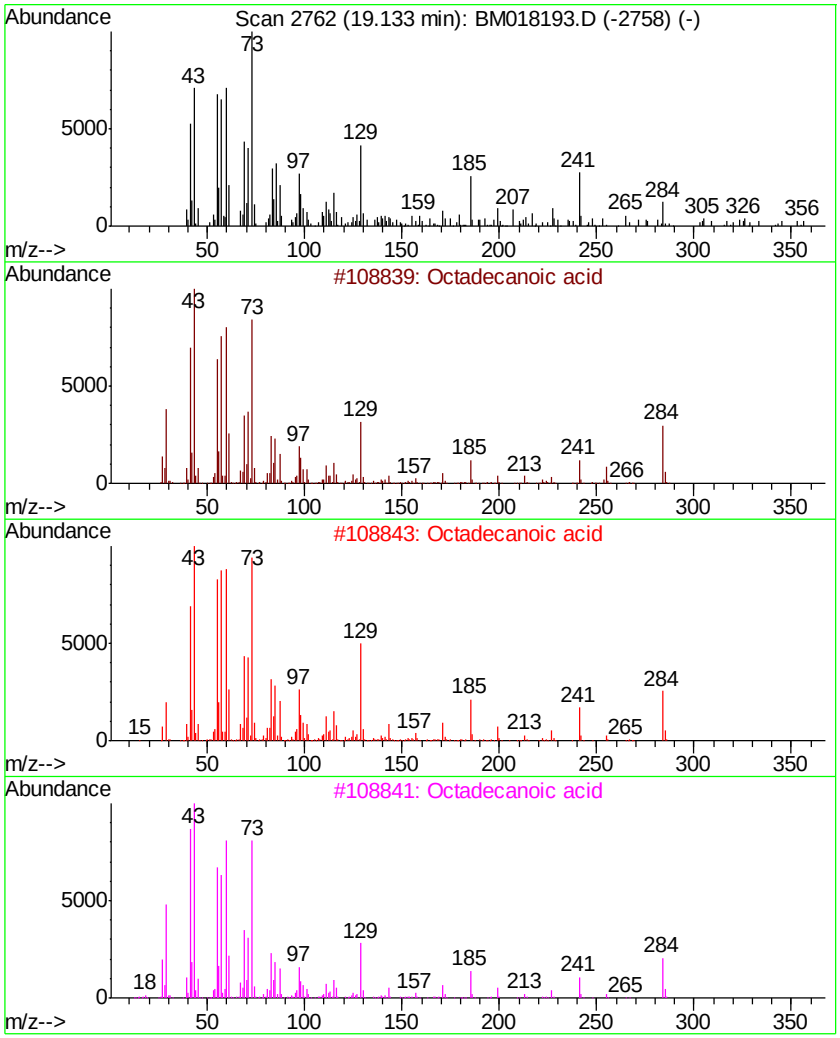
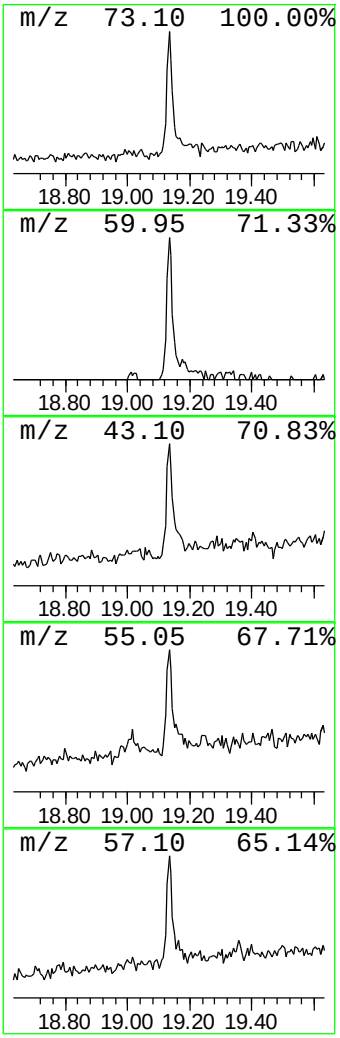
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.04 ng/ul	260267	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Library Search Compound Report

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Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

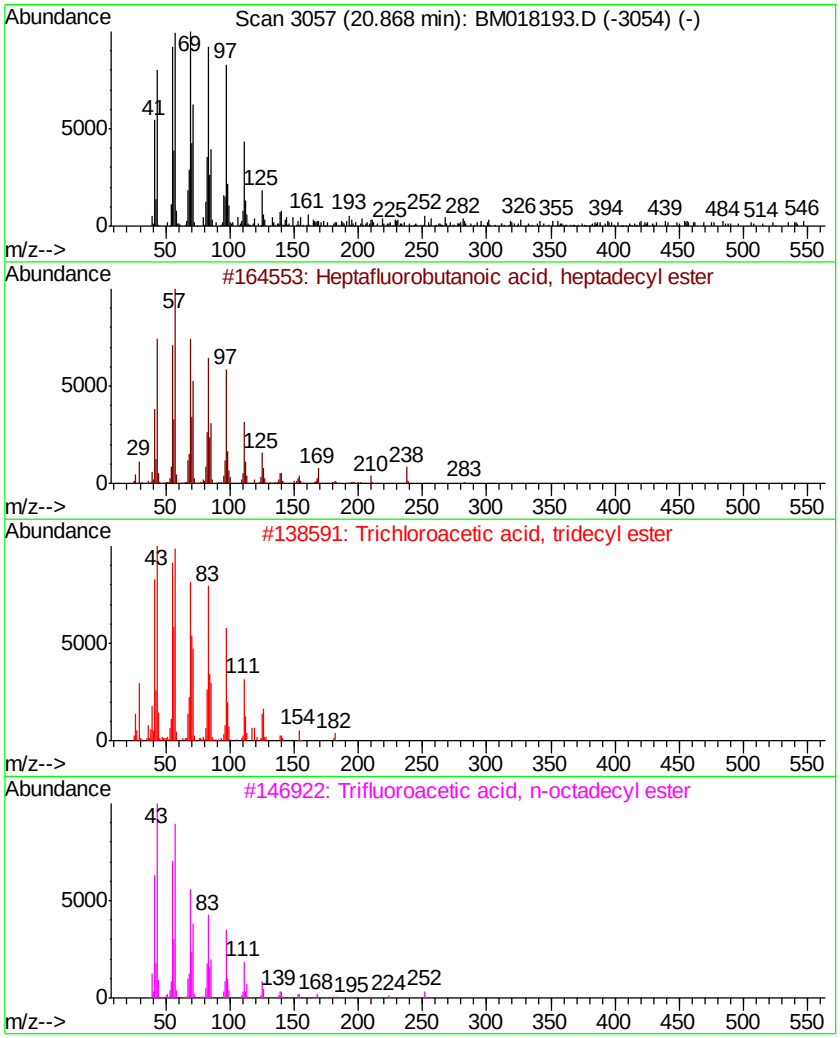
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

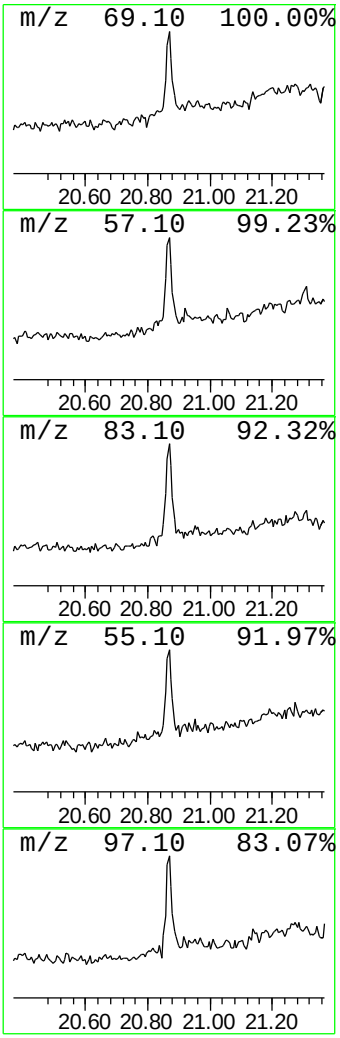
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.63 ng/ul	309888	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018193.D
Acq On : 15 Dec 2018 07:00
Operator : JU/SJ
Sample : J6271-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9E33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	4.9	ng/ul	521205	4	16.93	2143930	20.0
Octadecanoic acid	19.13	3.0	ng/ul	260267	5	21.14	1709500	20.0
Heptafluorobutano...	20.87	3.6	ng/ul	309888	5	21.14	1709500	20.0