

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020483.D
 Acq On : 22 May 2019 05:18
 Operator : JU/SJ
 Sample : K2923-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM051619MA.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	6.892	658	664	675	rBV	214018	389708	22.16%	2.508%
2	7.063	688	693	704	rVB	156568	263508	14.98%	1.696%
3	7.251	719	725	739	rVB	249576	415889	23.65%	2.676%
4	7.722	799	805	811	rBV	248158	394025	22.41%	2.535%
5	8.428	919	925	934	rBV	246285	433570	24.66%	2.790%
6	8.892	997	1004	1015	rBV	193657	343940	19.56%	2.213%
7	9.033	1026	1028	1032	rVB3	4895	5578	0.32%	0.036%
8	9.222	1057	1060	1065	rVB3	11882	15976	0.91%	0.103%
9	9.604	1119	1125	1135	rVB	162808	285030	16.21%	1.834%
10	10.133	1209	1215	1230	rBV	260668	480107	27.30%	3.089%
11	10.510	1272	1279	1292	rVB	315713	528199	30.04%	3.399%
12	10.675	1301	1307	1311	rBV3	15738	30293	1.72%	0.195%
13	11.292	1411	1412	1419	rVB	1752	2755	0.16%	0.018%
14	12.098	1544	1549	1550	rBV2	2682	3131	0.18%	0.020%
15	12.110	1550	1551	1554	rVV2	2606	2215	0.13%	0.014%
16	12.180	1557	1563	1569	rVB3	2849	5288	0.30%	0.034%
17	12.339	1585	1590	1592	rBV3	2083	2430	0.14%	0.016%
18	12.398	1597	1600	1605	rVB3	1966	2965	0.17%	0.019%
19	13.174	1728	1732	1734	rBV4	1941	2961	0.17%	0.019%
20	13.686	1815	1819	1824	rBV2	3516	5136	0.29%	0.033%
21	13.745	1824	1829	1830	rVV2	2821	2627	0.15%	0.017%
22	13.786	1830	1836	1840	rVV	486300	687899	39.12%	4.426%
23	13.827	1840	1843	1856	rVV	189750	262345	14.92%	1.688%
24	13.916	1856	1858	1863	rVB3	1705	2708	0.15%	0.017%
25	14.016	1870	1875	1876	rBV2	1251	1859	0.11%	0.012%
26	14.063	1878	1883	1895	rVB	543482	848003	48.22%	5.457%
27	14.245	1910	1914	1919	rVB3	5032	6973	0.40%	0.045%
28	14.374	1930	1936	1943	rBV2	477880	724108	41.18%	4.659%
29	14.439	1943	1947	1950	rVB	5593	8566	0.49%	0.055%
30	14.604	1969	1975	1979	rBV3	106407	183224	10.42%	1.179%
31	14.768	1996	2003	2012	rVB8	14079	38690	2.20%	0.249%
32	14.845	2012	2016	2019	rVV2	4486	5646	0.32%	0.036%
33	14.874	2019	2021	2025	rVB2	2272	2830	0.16%	0.018%
34	14.986	2036	2040	2047	rVB3	2345	3987	0.23%	0.026%

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35	15.157	2065	2069	2071	rBV4	3317	4576	0.26%	0.029%
36	15.198	2073	2076	2082	rBV4	4008	6219	0.35%	0.040%
37	15.251	2082	2085	2091	rVB4	2850	4642	0.26%	0.030%
38	15.315	2091	2096	2099	rBV2	1442	2438	0.14%	0.016%
39	15.368	2099	2105	2112	rBV	762440	1055604	60.03%	6.792%
40	15.421	2112	2114	2119	rVB3	6923	9750	0.55%	0.063%
41	15.510	2124	2129	2139	rVV	156532	214429	12.19%	1.380%
42	15.610	2141	2146	2148	rVV2	7177	9881	0.56%	0.064%
43	15.645	2150	2152	2155	rVB2	1781	1866	0.11%	0.012%
44	15.710	2160	2163	2166	rVV	3349	4477	0.25%	0.029%
45	15.733	2166	2167	2170	rVV2	2397	2130	0.12%	0.014%
46	15.768	2170	2173	2175	rVB4	2971	3686	0.21%	0.024%
47	15.821	2180	2182	2187	rBV4	3081	5535	0.31%	0.036%
48	15.892	2191	2194	2196	rVB3	2226	2924	0.17%	0.019%
49	16.021	2214	2216	2220	rVB2	1966	2709	0.15%	0.017%
50	16.068	2220	2224	2225	rBV3	4852	6300	0.36%	0.041%
51	16.086	2225	2227	2228	rVV2	5751	4986	0.28%	0.032%
52	16.104	2228	2230	2236	rVV3	3834	7039	0.40%	0.045%
53	16.145	2236	2237	2242	rVB2	2443	2286	0.13%	0.015%
54	16.233	2249	2252	2255	rBV3	2643	2285	0.13%	0.015%
55	16.433	2279	2286	2289	rBV7	7139	11398	0.65%	0.073%
56	16.468	2289	2292	2293	rBV2	4645	2997	0.17%	0.019%
57	16.480	2293	2294	2297	rVB2	4182	3167	0.18%	0.020%
58	16.521	2297	2301	2306	rBV6	5090	8576	0.49%	0.055%
59	16.574	2306	2310	2314	rVB4	4230	6622	0.38%	0.043%
60	16.645	2318	2322	2323	rBV3	2947	2195	0.12%	0.014%
61	16.657	2323	2324	2327	rVB2	2639	1984	0.11%	0.013%
62	16.698	2327	2331	2333	rBV5	4239	5376	0.31%	0.035%
63	16.733	2333	2337	2340	rVB4	2428	3315	0.19%	0.021%
64	16.786	2342	2346	2351	rBV5	8841	16171	0.92%	0.104%
65	16.845	2354	2356	2357	rBV2	4066	3183	0.18%	0.020%
66	16.862	2357	2359	2363	rVB4	6742	6552	0.37%	0.042%
67	16.904	2363	2366	2370	rBV5	3198	5406	0.31%	0.035%
68	16.945	2370	2373	2376	rVB2	8363	9768	0.56%	0.063%
69	16.968	2376	2377	2381	rVB3	2726	2143	0.12%	0.014%
70	17.021	2381	2386	2390	rBV6	7519	15079	0.86%	0.097%
71	17.080	2393	2396	2398	rBV3	3619	4878	0.28%	0.031%

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72	17.127	2398	2404	2408	rBV	650977	945529	53.77%	6.084%
73	17.168	2408	2411	2415	rVB	151327	190184	10.81%	1.224%
74	17.227	2415	2421	2426	rBV	816600	1166126	66.31%	7.504%
75	17.504	2465	2468	2470	rBV4	3341	4298	0.24%	0.028%
76	17.545	2471	2475	2481	rVV4	11145	20842	1.19%	0.134%
77	17.598	2481	2484	2489	rVV6	6816	8191	0.47%	0.053%
78	17.639	2489	2491	2496	rVB5	5698	8217	0.47%	0.053%
79	17.703	2499	2502	2509	rBV2	13613	20491	1.17%	0.132%
80	17.768	2511	2513	2514	rBV2	3207	2084	0.12%	0.013%
81	17.809	2518	2520	2522	rBV2	3377	3949	0.22%	0.025%
82	17.956	2543	2545	2548	rBV3	4344	4541	0.26%	0.029%
83	18.021	2548	2556	2566	rBV2	193625	464430	26.41%	2.988%
84	18.133	2571	2575	2580	rVB2	20497	32590	1.85%	0.210%
85	18.192	2580	2585	2590	rBV3	53879	105929	6.02%	0.682%
86	18.233	2590	2592	2598	rVB2	34759	43158	2.45%	0.278%
87	18.303	2600	2604	2605	rBV3	8208	9684	0.55%	0.062%
88	18.403	2618	2621	2625	rBV3	7143	9851	0.56%	0.063%
89	18.468	2628	2632	2633	rBV3	6797	9184	0.52%	0.059%
90	18.509	2635	2639	2642	rVV	20411	33406	1.90%	0.215%
91	18.562	2645	2648	2653	rVB4	27811	39929	2.27%	0.257%
92	18.721	2673	2675	2678	rBV4	11316	14457	0.82%	0.093%
93	18.803	2686	2689	2693	rVB	16859	20306	1.15%	0.131%
94	18.845	2693	2696	2700	rBV3	15484	20693	1.18%	0.133%
95	18.927	2705	2710	2714	rBV	58442	93167	5.30%	0.599%
96	19.086	2733	2737	2741	rBV3	28376	50016	2.84%	0.322%
97	19.198	2751	2756	2763	rVB	390821	555085	31.57%	3.572%
98	19.327	2773	2778	2785	rBV3	143527	310061	17.63%	1.995%
99	19.533	2807	2813	2817	rBV	1136374	1758528	100.00%	11.315%
100	21.356	3117	3123	3138	rBV2	643811	1741358	99.02%	11.205%

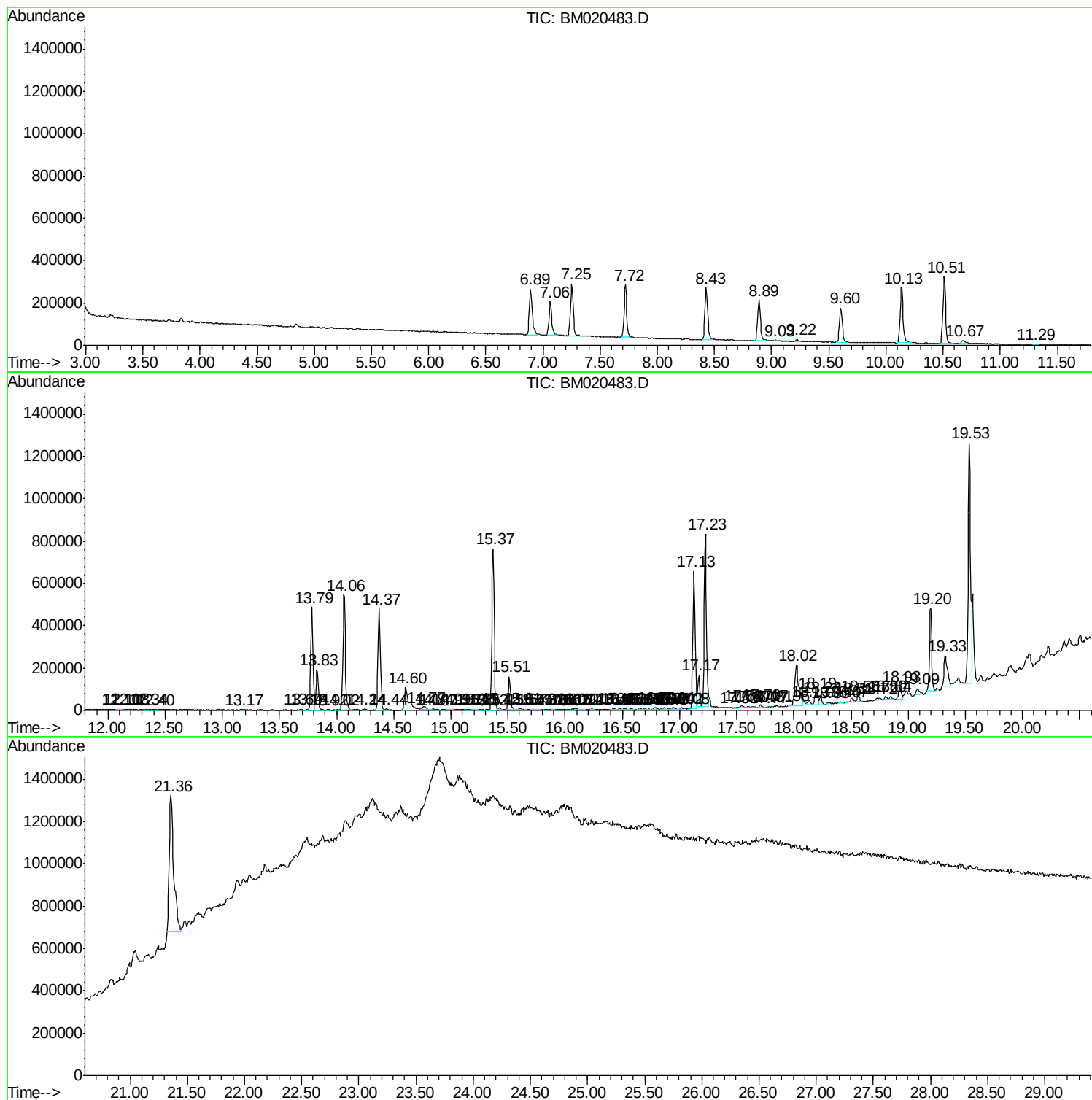
Sum of corrected areas: 15541025

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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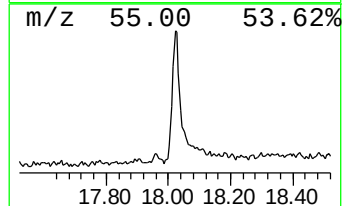
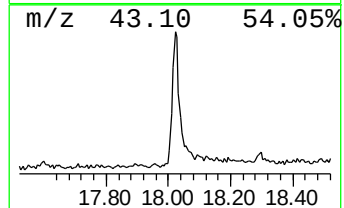
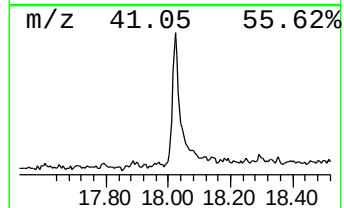
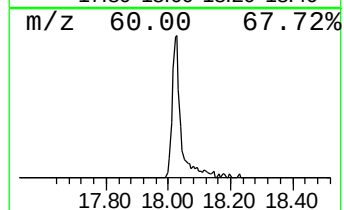
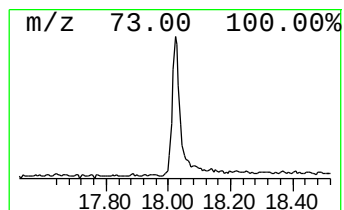
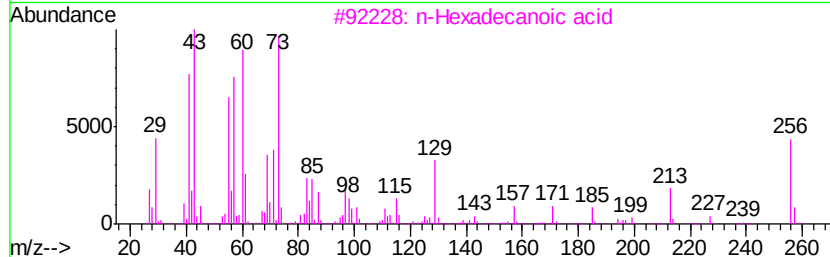
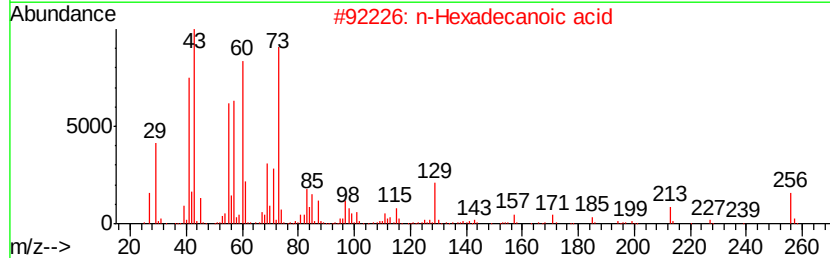
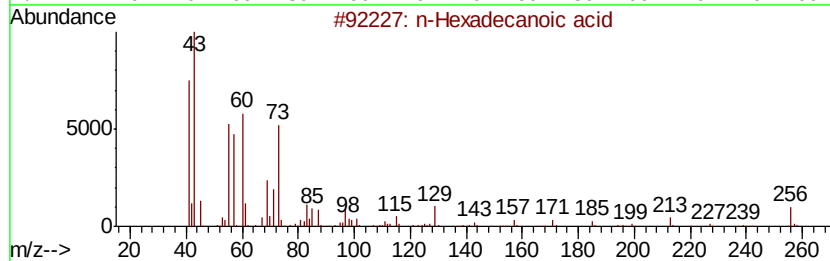
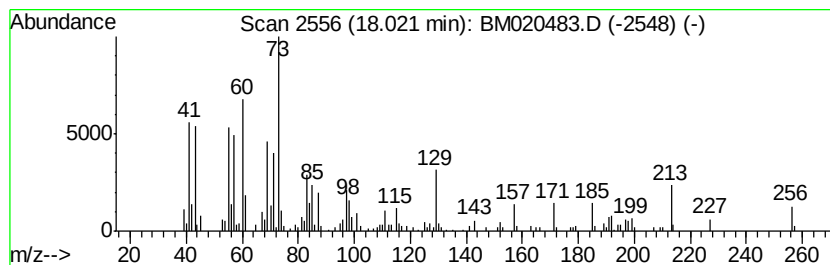
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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.	
18.02	9.82 ng/ul	464430	Phenanthrene-d10		17.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	68



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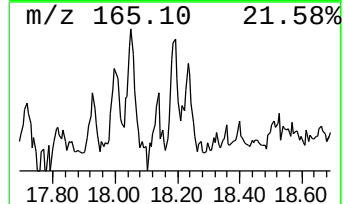
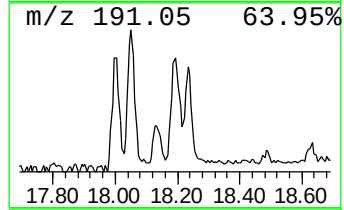
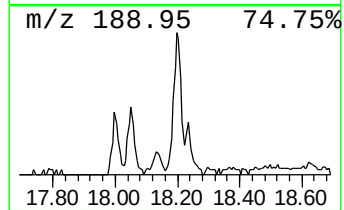
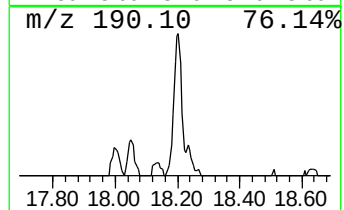
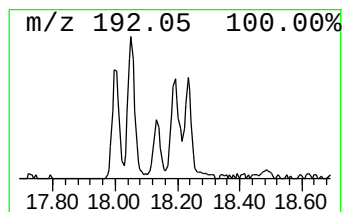
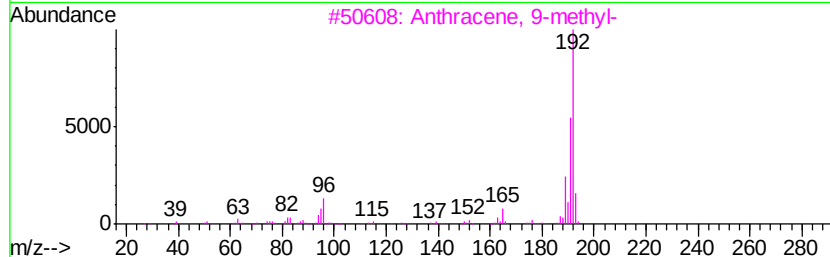
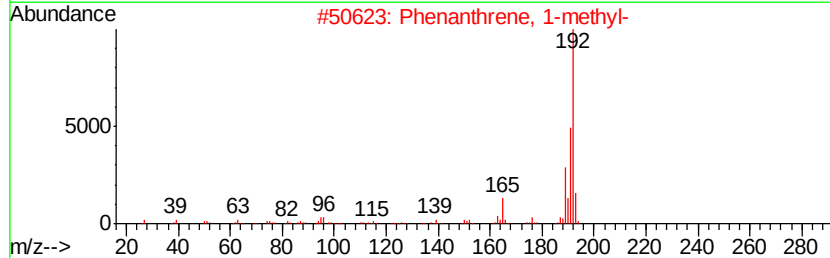
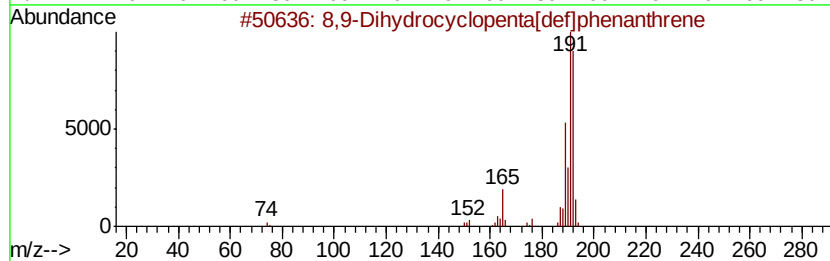
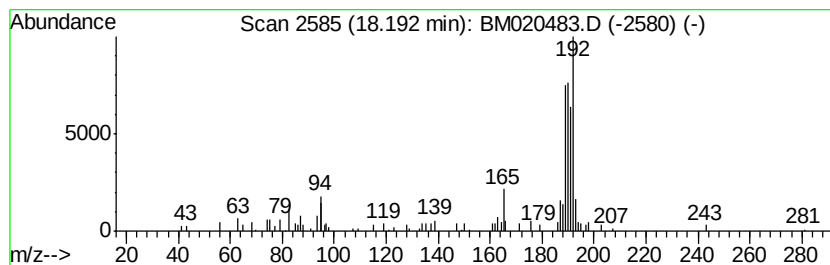
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 8,9-Dihydrocyclopenta[def]p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.19	2.24 ng/ul	105929	Phenanthrene-d10	17.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	51
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



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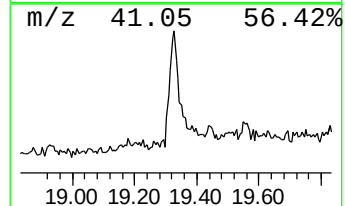
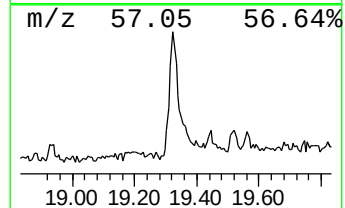
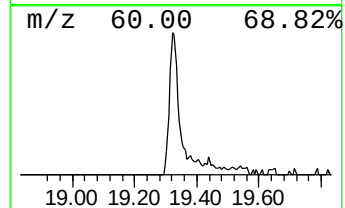
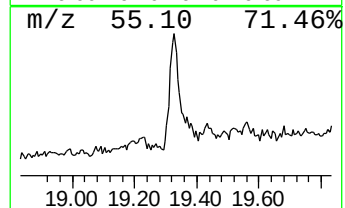
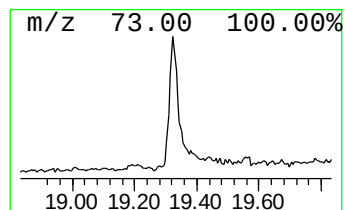
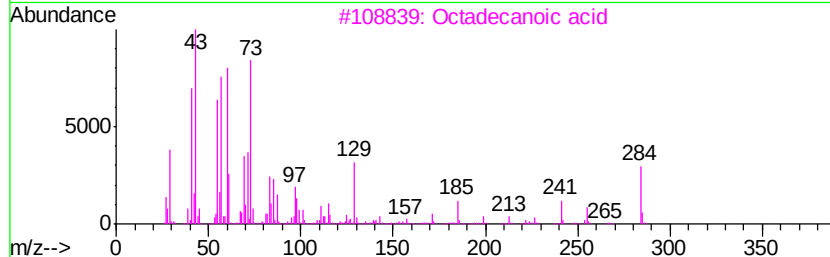
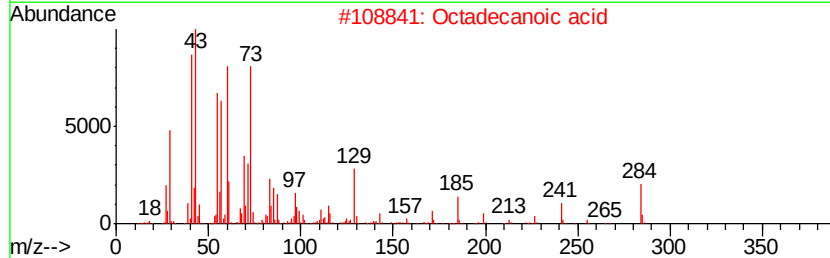
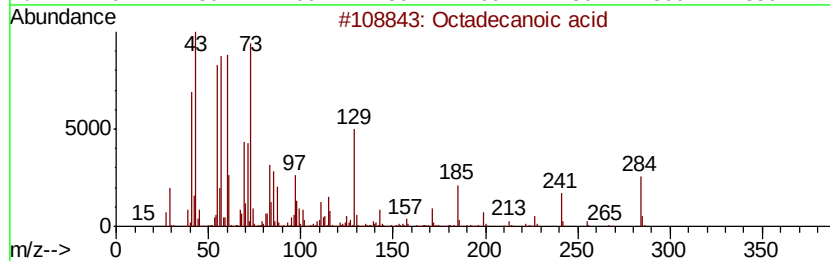
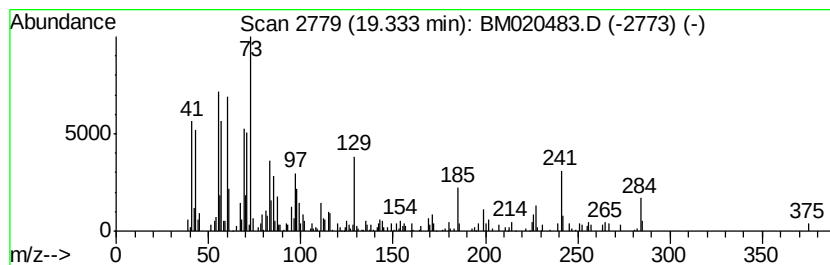
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.56 ng/ul	310061	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	91
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020483.D
Acq On : 22 May 2019 05:18
Operator : JU/SJ
Sample : K2923-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4256

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	9.8	ng/ul	464430	4	17.13	945529	20.0
8,9-Dihydrocyclop...	18.19	2.2	ng/ul	105929	4	17.13	945529	20.0
Octadecanoic acid	19.33	3.6	ng/ul	310061	5	21.36	1741360	20.0