

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018062.D
 Acq On : 11 Dec 2018 17:59
 Operator : JU/SJ
 Sample : J6170-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9M10

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-BM111918MA.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	3.152	25	28	33	rVB	20928	27063	1.07%	0.081%
2	3.234	40	42	47	rVB4	2873	2888	0.11%	0.009%
3	3.440	73	77	86	rVV2	6291	12333	0.49%	0.037%
4	3.540	92	94	97	rVB4	2562	2816	0.11%	0.008%
5	3.752	125	130	136	rVB2	18634	29844	1.18%	0.090%
6	3.840	142	145	151	rVB3	5676	8627	0.34%	0.026%
7	3.905	154	156	159	rVB4	2961	2900	0.11%	0.009%
8	3.946	159	163	170	rBV6	13180	20535	0.81%	0.062%
9	4.258	211	216	220	rVB4	3875	7023	0.28%	0.021%
10	4.716	289	294	298	rBV	28335	49608	1.97%	0.149%
11	4.905	324	326	331	rVB2	2029	2770	0.11%	0.008%
12	5.234	379	382	384	rBV2	2303	2598	0.10%	0.008%
13	5.599	441	444	447	rVB3	2315	2993	0.12%	0.009%
14	5.657	451	454	457	rVB4	2384	2547	0.10%	0.008%
15	5.981	504	509	513	rBV3	10813	15344	0.61%	0.046%
16	6.093	523	528	529	rBV2	2032	2692	0.11%	0.008%
17	6.740	632	638	653	rBV2	339363	786829	31.19%	2.362%
18	6.899	657	665	680	rBV	321185	531570	21.07%	1.596%
19	7.087	690	697	706	rBV	430189	701989	27.83%	2.107%
20	7.169	710	711	715	rVB3	4803	3636	0.14%	0.011%
21	7.551	768	776	784	rBV	624200	1022885	40.55%	3.071%
22	7.622	786	788	794	rVB5	5566	9141	0.36%	0.027%
23	8.263	891	897	914	rBV	454618	825384	32.72%	2.478%
24	8.381	914	917	919	rVB3	4171	2832	0.11%	0.009%
25	8.704	965	972	991	rBV	381507	666744	26.43%	2.002%
26	8.898	1001	1005	1009	rVB4	1805	2851	0.11%	0.009%
27	9.093	1033	1038	1044	rVB2	9395	15505	0.61%	0.047%
28	9.416	1087	1093	1106	rBV	332077	588830	23.34%	1.768%
29	9.675	1135	1137	1142	rVB3	1965	2785	0.11%	0.008%
30	9.951	1177	1184	1202	rBV	393106	832536	33.00%	2.499%
31	10.134	1213	1215	1218	rVB2	2902	3159	0.13%	0.009%
32	10.316	1238	1246	1257	rBV	929033	1520946	60.29%	4.566%
33	10.475	1267	1273	1293	rBV	254837	644303	25.54%	1.934%
34	10.757	1319	1321	1324	rBV2	1912	2525	0.10%	0.008%

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35	11.139	1379	1386	1388	rBV3	2267	3662	0.15%	0.011%
36	11.951	1518	1524	1531	rVB2	4840	10278	0.41%	0.031%
37	13.028	1703	1707	1710	rBV3	1866	2694	0.11%	0.008%
38	13.622	1800	1808	1812	rBV	983465	1413408	56.03%	4.243%
39	13.669	1812	1816	1829	rVB	416319	655773	25.99%	1.969%
40	13.886	1847	1853	1867	rBV	1074622	1621689	64.28%	4.868%
41	14.110	1885	1891	1894	rVB4	2106	4211	0.17%	0.013%
42	14.198	1900	1906	1916	rBV2	1330234	2044500	81.04%	6.138%
43	14.457	1944	1950	1970	rBV2	110772	409334	16.23%	1.229%
44	14.663	1982	1985	1990	rVB5	8241	11656	0.46%	0.035%
45	14.804	2006	2009	2011	rBV3	2848	3943	0.16%	0.012%
46	15.016	2041	2045	2047	rBV3	3981	5037	0.20%	0.015%
47	15.045	2047	2050	2053	rBV2	5393	6794	0.27%	0.020%
48	15.204	2070	2077	2092	rBV	1388204	2118844	83.99%	6.361%
49	15.351	2096	2102	2115	rVV	297924	495521	19.64%	1.488%
50	15.445	2115	2118	2125	rVV4	18624	27789	1.10%	0.083%
51	15.774	2168	2174	2177	rBV3	3306	5588	0.22%	0.017%
52	15.880	2186	2192	2195	rBV2	2288	3265	0.13%	0.010%
53	15.927	2198	2200	2202	rBV2	4537	4537	0.18%	0.014%
54	16.386	2271	2278	2279	rBV5	3809	4701	0.19%	0.014%
55	16.745	2330	2339	2341	rBV6	7286	13388	0.53%	0.040%
56	16.880	2360	2362	2368	rBV4	1708	3693	0.15%	0.011%
57	16.957	2368	2375	2385	rVV2	1705331	2409570	95.51%	7.234%
58	17.057	2386	2392	2405	rVV	1522450	2230666	88.42%	6.697%
59	17.151	2405	2408	2410	rVV3	4692	7124	0.28%	0.021%
60	17.174	2410	2412	2415	rVB3	3228	3179	0.13%	0.010%
61	17.327	2434	2438	2440	rVB4	3978	3253	0.13%	0.010%
62	17.368	2440	2445	2449	rBV6	11344	22450	0.89%	0.067%
63	17.468	2458	2462	2464	rBV3	4174	5150	0.20%	0.015%
64	17.645	2489	2492	2495	rBV3	5066	4876	0.19%	0.015%
65	17.751	2504	2510	2516	rBV7	18404	35297	1.40%	0.106%
66	17.868	2524	2530	2546	rBV	475219	729641	28.92%	2.190%
67	18.098	2567	2569	2574	rVB5	4199	6504	0.26%	0.020%
68	18.163	2574	2580	2584	rBV6	6662	13531	0.54%	0.041%
69	18.210	2586	2588	2591	rBV4	2576	2709	0.11%	0.008%
70	18.333	2605	2609	2610	rVB3	3098	2614	0.10%	0.008%
71	18.410	2619	2622	2623	rBV3	3419	3129	0.12%	0.009%

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72	18.468	2630	2632	2637	rBV5	3791	5450	0.22%	0.016%
73	18.539	2642	2644	2647	rVV2	3149	3926	0.16%	0.012%
74	18.568	2647	2649	2652	rBV3	3051	2994	0.12%	0.009%
75	18.680	2664	2668	2671	rVB6	4723	6370	0.25%	0.019%
76	18.804	2687	2689	2690	rBV2	3946	3470	0.14%	0.010%
77	18.886	2701	2703	2706	rBV3	3959	3180	0.13%	0.010%
78	19.010	2719	2724	2727	rBV4	22558	38080	1.51%	0.114%
79	19.162	2745	2750	2759	rBV	269211	390087	15.46%	1.171%
80	19.251	2763	2765	2769	rVV	18902	26218	1.04%	0.079%
81	19.310	2773	2775	2777	rVV3	10911	9939	0.39%	0.030%
82	19.362	2779	2784	2792	rVV2	1660215	2392191	94.83%	7.182%
83	19.427	2792	2795	2801	rVB6	27492	41141	1.63%	0.124%
84	19.851	2865	2867	2869	rVB3	8214	4326	0.17%	0.013%
85	20.427	2963	2965	2969	rBV4	22695	26983	1.07%	0.081%
86	20.898	3041	3045	3051	rBV	196740	286863	11.37%	0.861%
87	21.174	3087	3092	3101	rBV	1944493	2522715	100.00%	7.573%
88	21.339	3117	3120	3124	rBV4	37820	46150	1.83%	0.139%
89	21.762	3189	3192	3196	rBV4	69002	85287	3.38%	0.256%
90	22.209	3265	3268	3272	rVB3	133447	154771	6.14%	0.465%
91	22.333	3285	3289	3293	rVB	144627	194794	7.72%	0.585%
92	22.698	3348	3351	3358	rVB	160614	211817	8.40%	0.636%
93	23.209	3433	3438	3448	rVB	960384	1940126	76.91%	5.824%
94	23.350	3456	3462	3471	rBV	1081139	1942339	76.99%	5.831%
95	23.850	3544	3547	3554	rVB3	146680	263685	10.45%	0.792%

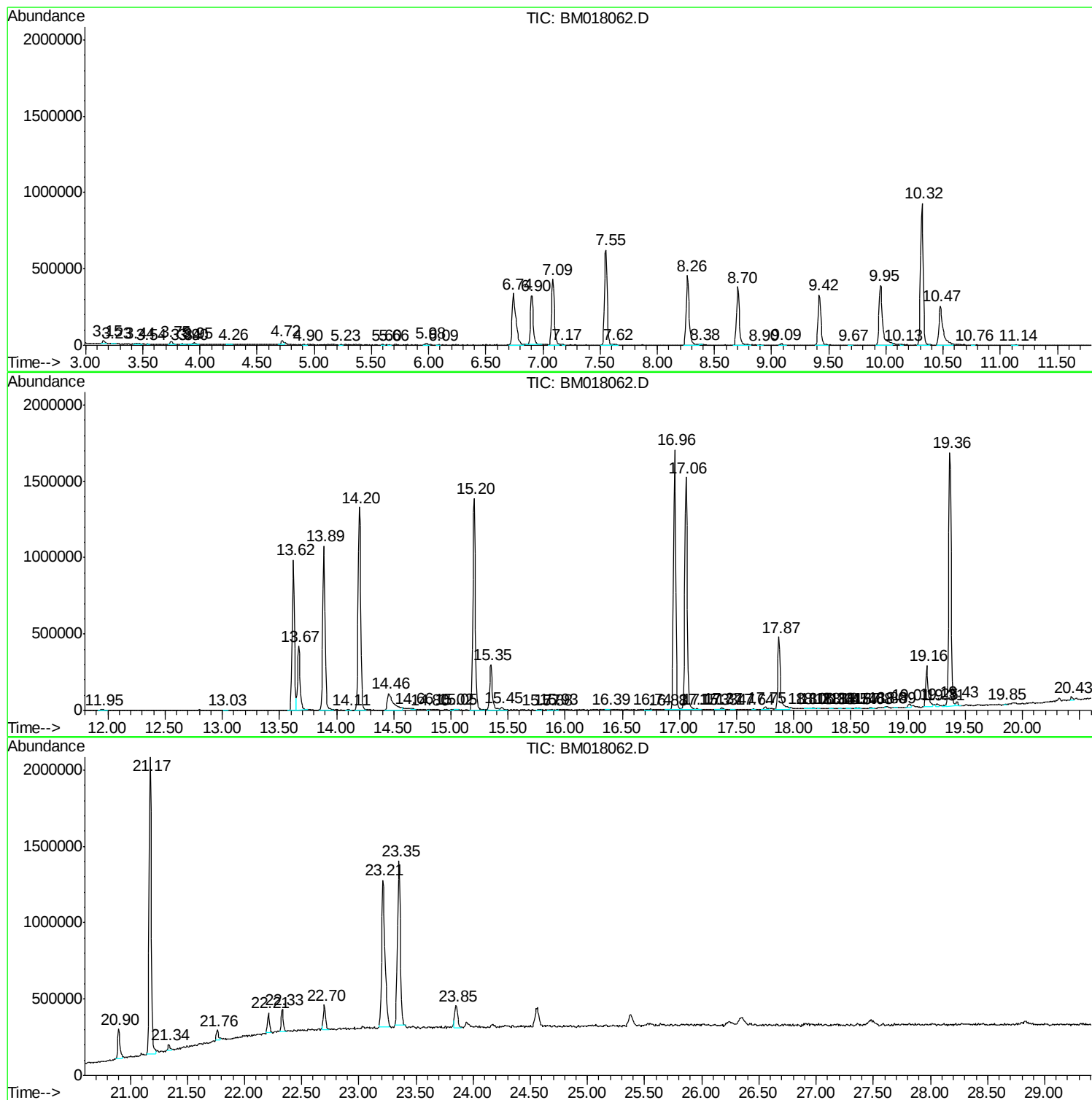
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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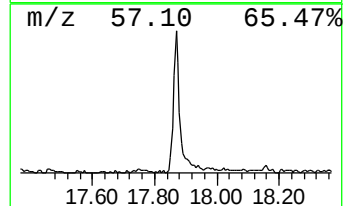
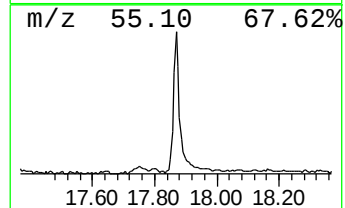
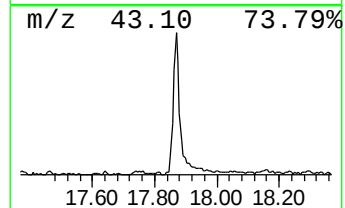
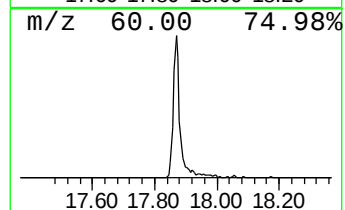
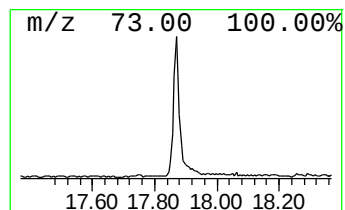
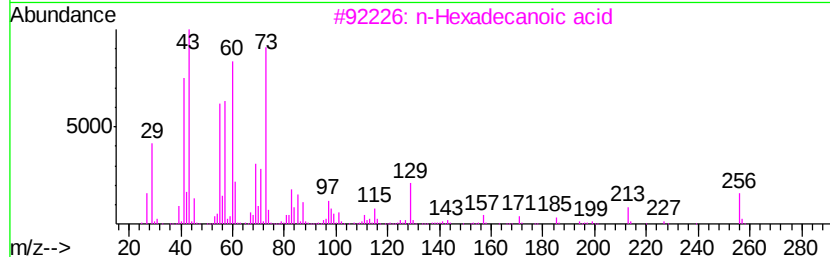
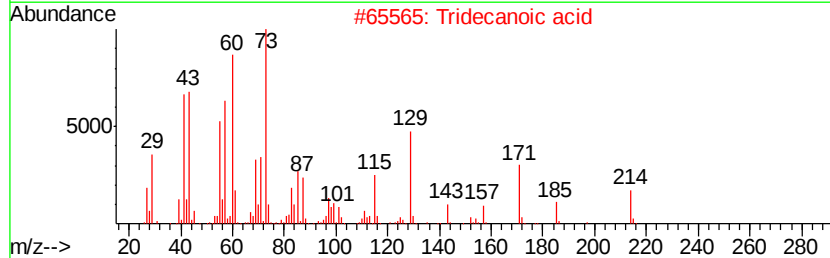
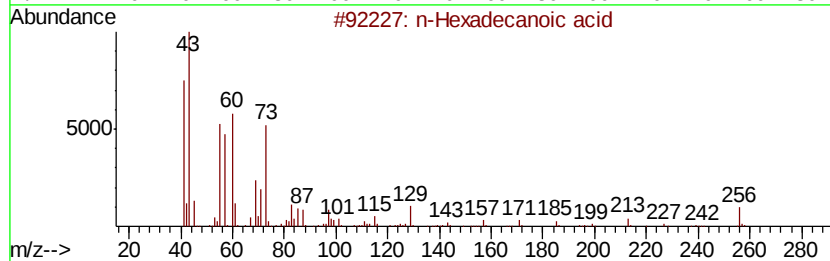
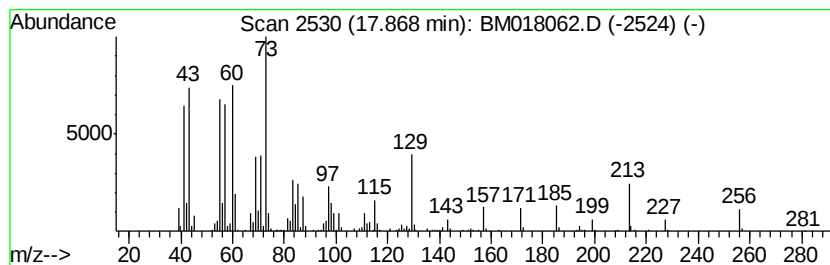
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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.	
17.87	6.06 ng/ul	729641	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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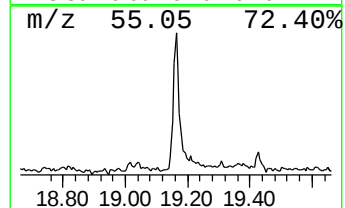
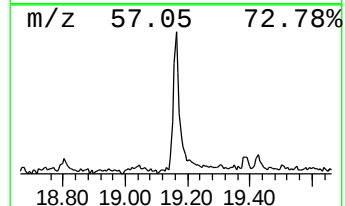
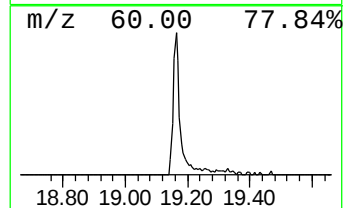
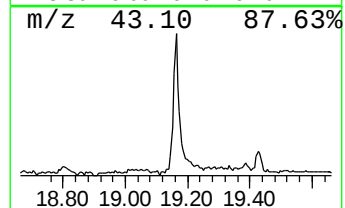
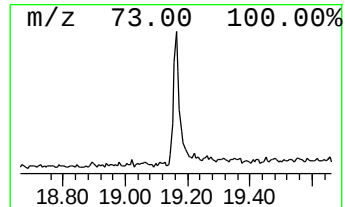
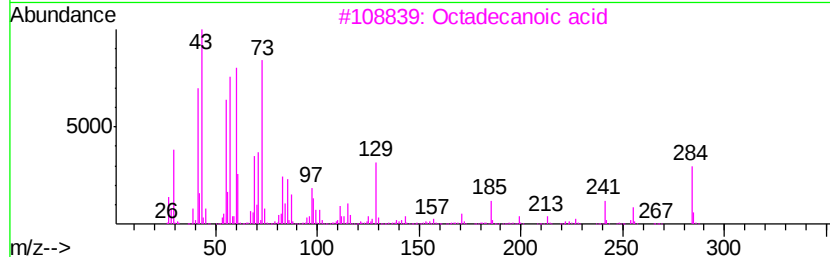
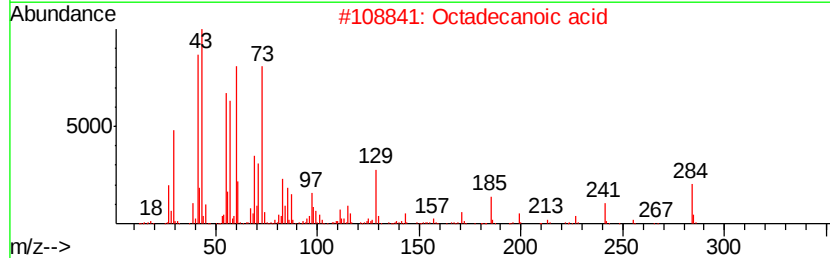
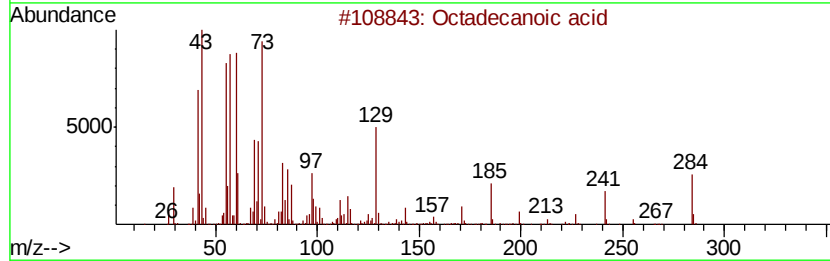
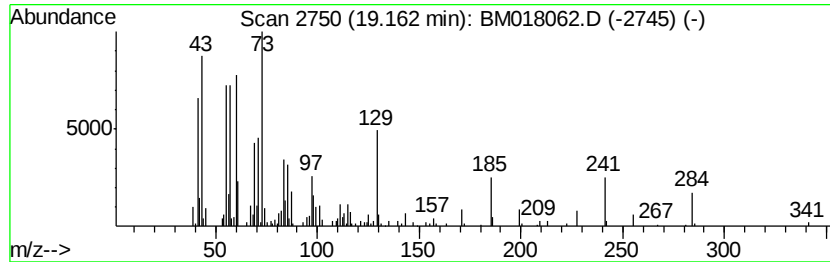
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.09 ng/ul	390087	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	95
3	Octadecanoic acid	284 C18H36O2	000057-11-4	94
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	91
5	Octadecanoic acid	284 C18H36O2	000057-11-4	91



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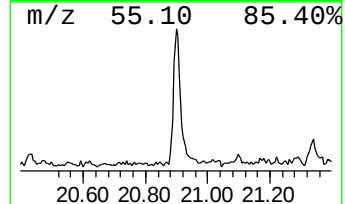
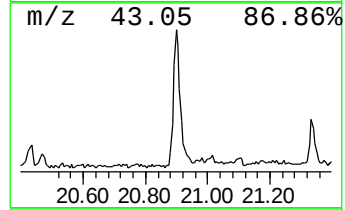
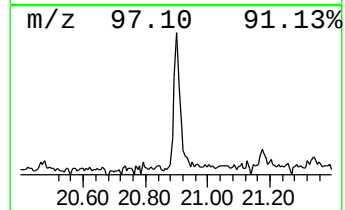
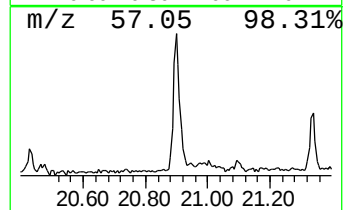
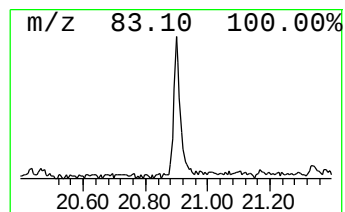
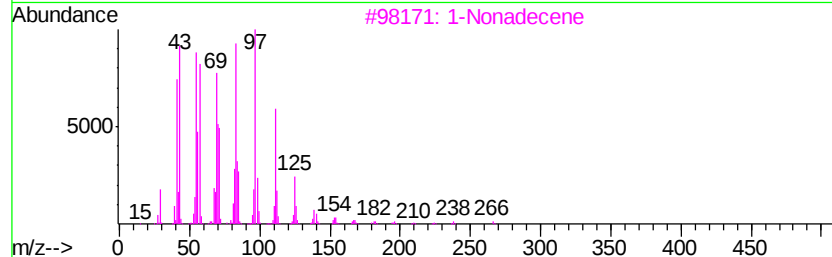
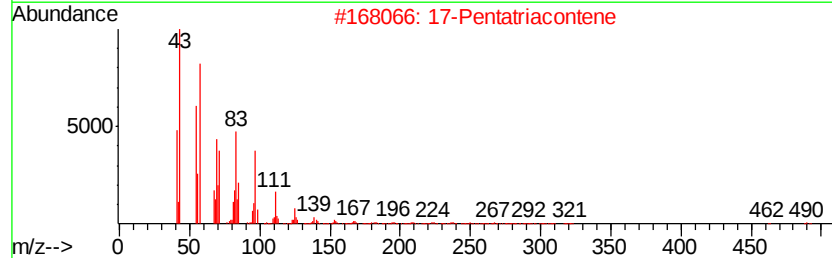
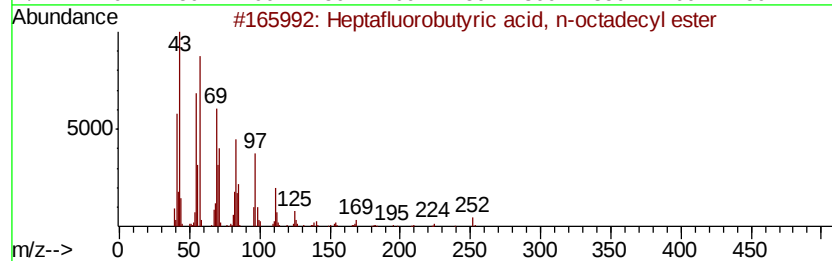
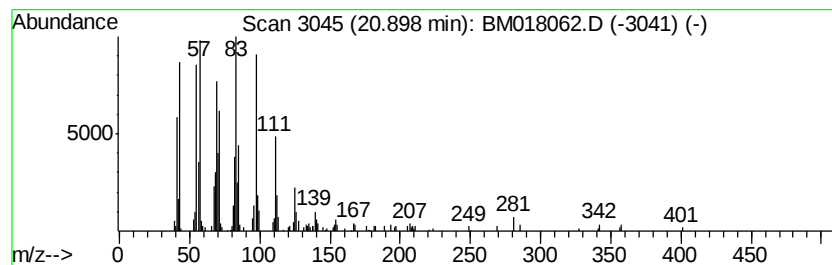
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.27 ng/ul	286863	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2			17-Pentatriacontene	491	C35H70	006971-40-0	91
3			1-Nonadecene	266	C19H38	018435-45-5	87
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81



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ClientSampleId :
F9M10

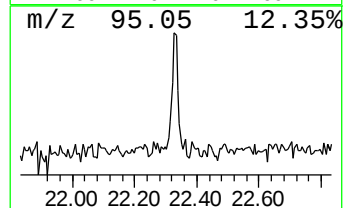
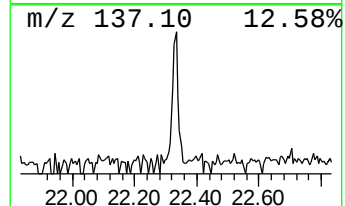
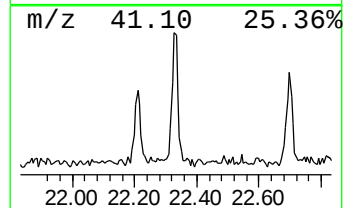
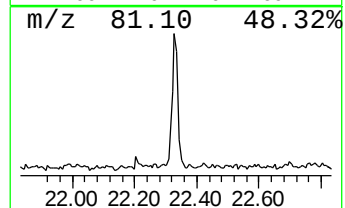
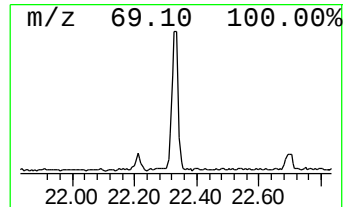
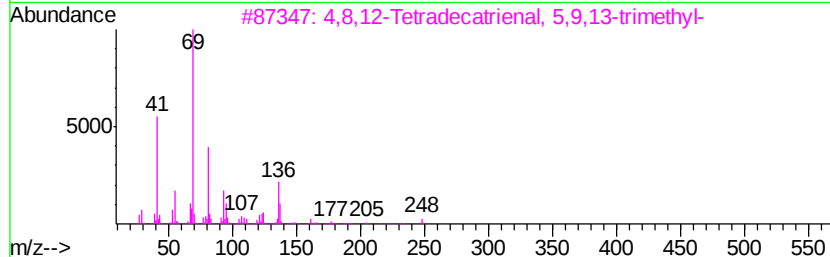
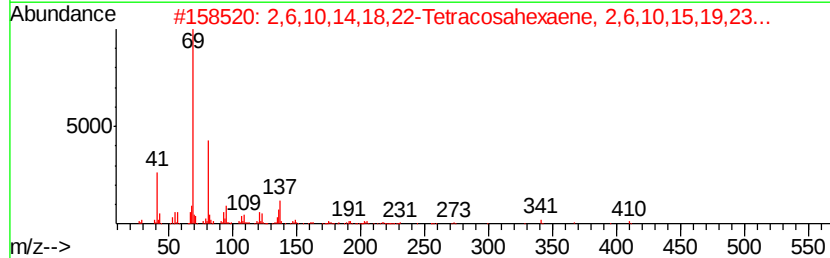
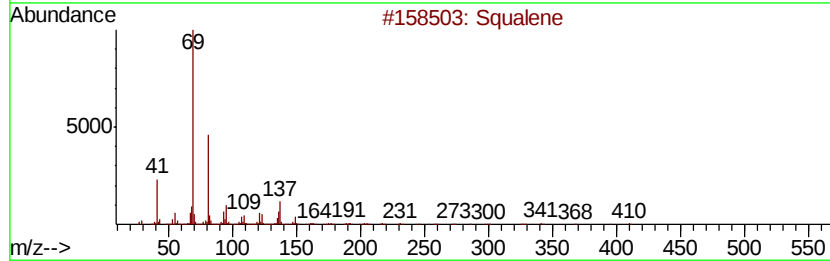
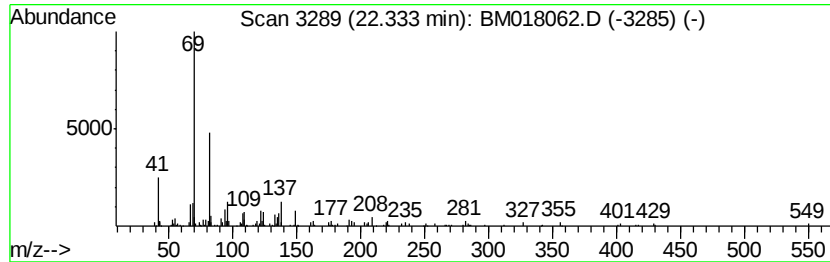
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.01 ng/ul	194794	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	74
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4		Squalene	410	C30H50	007683-64-9	72
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018062.D
Acq On : 11 Dec 2018 17:59
Operator : JU/SJ
Sample : J6170-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M10

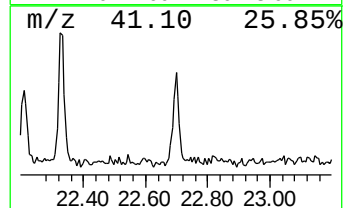
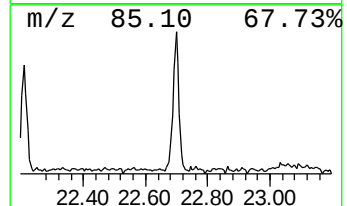
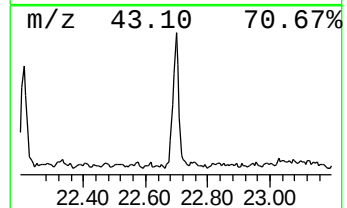
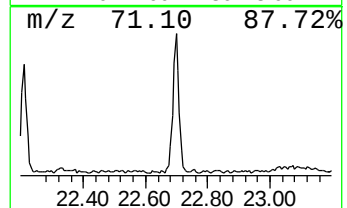
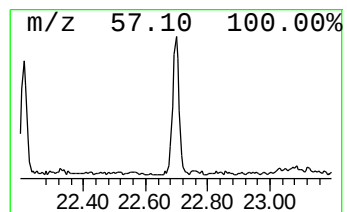
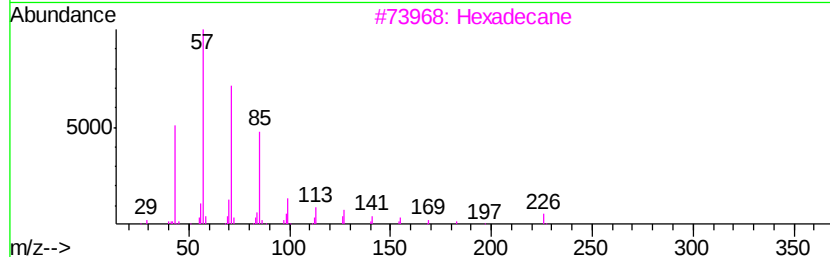
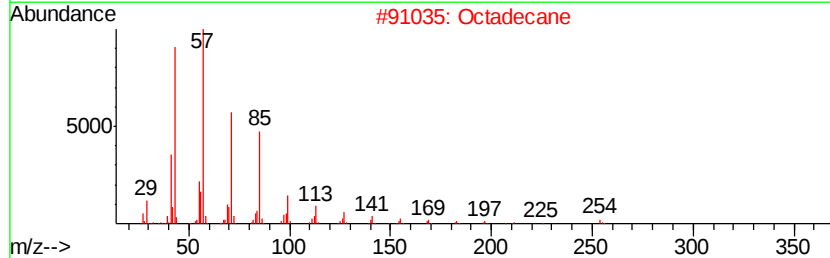
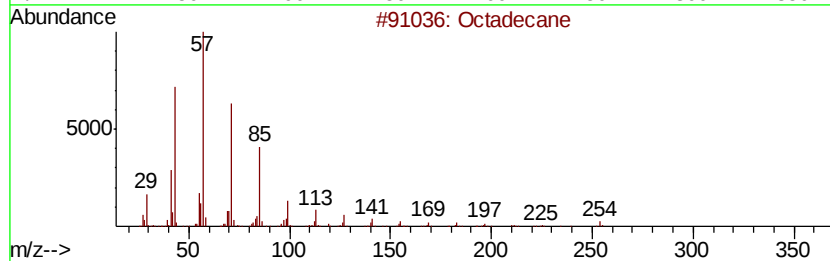
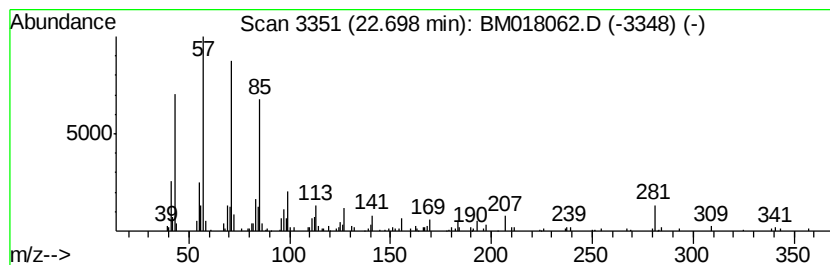
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.18 ng/ul	211817	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Octadecane	254	C18H38	000593-45-3	94
3		Hexadecane	226	C16H34	000544-76-3	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018062.D
Acq On : 11 Dec 2018 17:59
Operator : JU/SJ
Sample : J6170-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M10

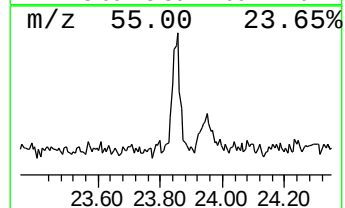
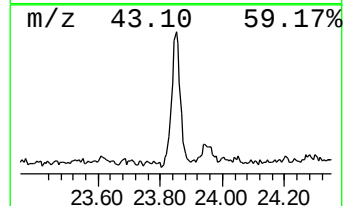
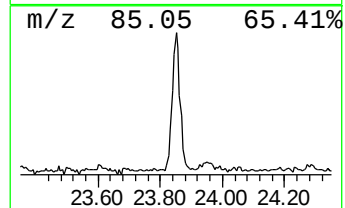
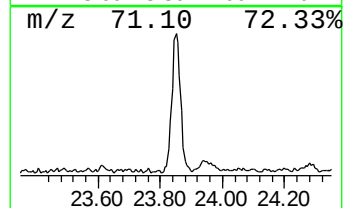
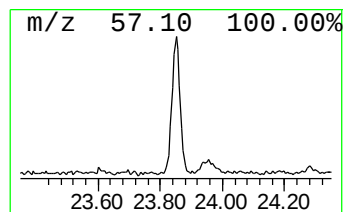
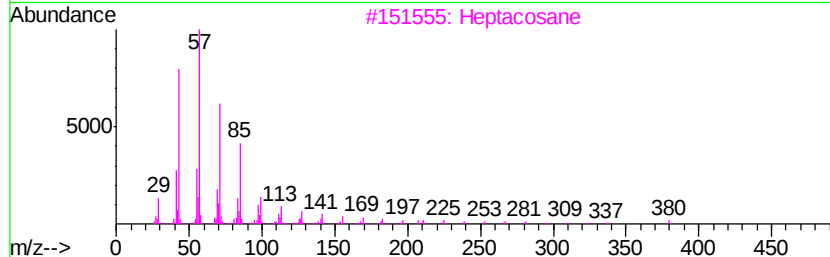
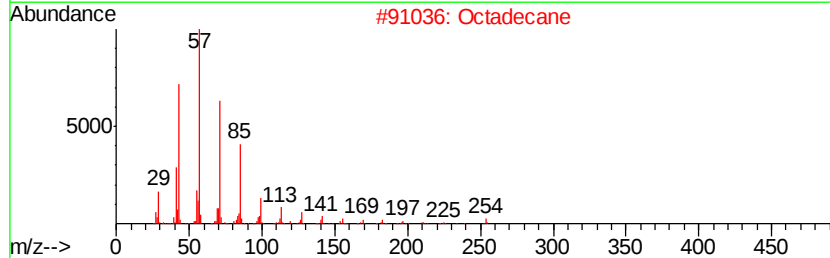
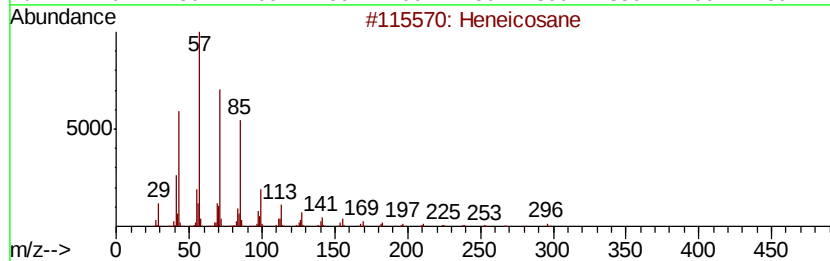
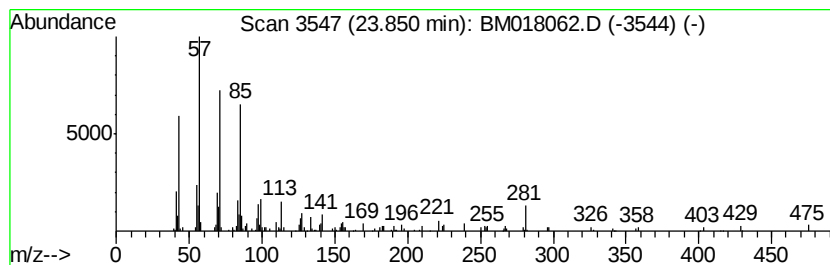
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.72 ng/ul	263685	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Heptacosane	380	C27H56	000593-49-7	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018062.D
Acq On : 11 Dec 2018 17:59
Operator : JU/SJ
Sample : J6170-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	17.87	6.1	ng/ul	729641	4	16.96	2409570	20.0
Octadecanoic acid	19.16	3.1	ng/ul	390087	5	21.17	2522720	20.0
Heptafluorobutyri...	20.90	2.3	ng/ul	286863	5	21.17	2522720	20.0
Squalene	22.33	2.0	ng/ul	194794	6	23.35	1942340	20.0
(DEL) Alkane: Str...	22.70	2.2	ng/ul	211817	6	23.35	1942340	20.0
(DEL) Alkane: Str...	23.85	2.7	ng/ul	263685	6	23.35	1942340	20.0