

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019733.D
 Acq On : 03 Apr 2019 16:56
 Operator : JU/SJ
 Sample : K2148-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5G8

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-BM032219MA.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	3.122	19	23	35	rVB	42183	69058	2.69%	0.180%
2	3.622	105	108	116	rVB2	22513	37363	1.45%	0.097%
3	3.710	121	123	129	rVB	12936	19683	0.77%	0.051%
4	3.934	158	161	166	rBV6	3402	7375	0.29%	0.019%
5	4.710	288	293	295	rBV	16226	22555	0.88%	0.059%
6	4.740	295	298	308	rVB	39724	67649	2.63%	0.176%
7	6.751	634	640	661	rBV	375400	728877	28.36%	1.901%
8	6.922	663	669	689	rVV	332397	611223	23.78%	1.594%
9	7.098	693	699	715	rVB	476962	787535	30.64%	2.054%
10	7.563	772	778	786	rBV	646542	1036591	40.34%	2.704%
11	7.622	786	788	795	rVV4	11204	21009	0.82%	0.055%
12	7.681	795	798	803	rVB5	3079	5069	0.20%	0.013%
13	8.286	894	901	916	rBV	418149	788901	30.70%	2.058%
14	8.410	916	922	927	rVB	11166	22408	0.87%	0.058%
15	8.733	971	977	994	rBV	418310	757813	29.49%	1.976%
16	9.057	1027	1032	1038	rVB2	25361	36520	1.42%	0.095%
17	9.451	1092	1099	1114	rBV	349438	633919	24.67%	1.653%
18	9.980	1182	1189	1209	rVV	471608	937288	36.47%	2.445%
19	10.122	1209	1213	1220	rVB5	12836	23806	0.93%	0.062%
20	10.345	1244	1251	1264	rBV	974707	1601557	62.32%	4.177%
21	10.516	1273	1280	1306	rBV	334675	777712	30.26%	2.028%
22	10.892	1340	1344	1352	rBV4	2937	5212	0.20%	0.014%
23	11.757	1486	1491	1494	rVB4	4230	5265	0.20%	0.014%
24	11.957	1519	1525	1530	rBV4	4670	8990	0.35%	0.023%
25	12.551	1623	1626	1632	rVB4	2950	4721	0.18%	0.012%
26	12.816	1668	1671	1677	rBV4	3478	5248	0.20%	0.014%
27	12.939	1688	1692	1697	rBV3	5657	8173	0.32%	0.021%
28	13.016	1701	1705	1712	rVV	8757	13777	0.54%	0.036%
29	13.104	1716	1720	1724	rVB	3308	4561	0.18%	0.012%
30	13.580	1796	1801	1804	rBV4	2504	4536	0.18%	0.012%
31	13.651	1806	1813	1817	rVV	1021709	1444082	56.19%	3.766%
32	13.698	1817	1821	1832	rVB	302974	445743	17.34%	1.163%
33	13.874	1845	1851	1852	rBV4	4969	6728	0.26%	0.018%
34	13.921	1852	1859	1875	rVB	1204764	1772193	68.96%	4.622%

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35	14.104	1887	1890	1895	rVB3	7123	11012	0.43%	0.029%
36	14.227	1903	1911	1924	rVV2	1459014	2151718	83.73%	5.612%
37	14.492	1950	1956	1972	rBV2	144636	429720	16.72%	1.121%
38	14.657	1979	1984	1989	rBV3	43023	67286	2.62%	0.175%
39	15.015	2039	2045	2050	rVV2	15129	28730	1.12%	0.075%
40	15.068	2050	2054	2059	rVB	26020	29010	1.13%	0.076%
41	15.127	2059	2064	2067	rVB2	3665	3772	0.15%	0.010%
42	15.227	2075	2081	2090	rBV	1583133	2263784	88.09%	5.904%
43	15.292	2090	2092	2100	rVB2	13601	18853	0.73%	0.049%
44	15.386	2103	2108	2117	rVV	209124	352127	13.70%	0.918%
45	15.468	2117	2122	2127	rVV2	22857	36205	1.41%	0.094%
46	15.504	2127	2128	2133	rVB5	3372	4274	0.17%	0.011%
47	15.568	2133	2139	2142	rBV5	2407	5580	0.22%	0.015%
48	15.739	2163	2168	2171	rVB5	2984	4871	0.19%	0.013%
49	15.798	2171	2178	2183	rBV7	7433	18309	0.71%	0.048%
50	15.933	2197	2201	2207	rBV4	14211	27472	1.07%	0.072%
51	16.015	2212	2215	2220	rVB4	6654	9267	0.36%	0.024%
52	16.109	2227	2231	2232	rBV4	4091	6190	0.24%	0.016%
53	16.145	2235	2237	2241	rVV3	8872	12474	0.49%	0.033%
54	16.180	2241	2243	2248	rVB3	4874	7454	0.29%	0.019%
55	16.274	2256	2259	2263	rBV4	6160	9216	0.36%	0.024%
56	16.304	2263	2264	2268	rBV3	3887	4302	0.17%	0.011%
57	16.333	2268	2269	2274	rVB4	7245	8858	0.34%	0.023%
58	16.386	2274	2278	2287	rBV3	34380	62331	2.43%	0.163%
59	16.533	2297	2303	2310	rBV3	19908	29849	1.16%	0.078%
60	16.662	2321	2325	2328	rVB5	3038	5038	0.20%	0.013%
61	16.733	2332	2337	2338	rBV3	15901	18251	0.71%	0.048%
62	16.756	2338	2341	2343	rBV2	11835	11442	0.45%	0.030%
63	16.821	2349	2352	2356	rVB5	10333	13374	0.52%	0.035%
64	16.856	2356	2358	2360	rBV3	5681	4839	0.19%	0.013%
65	16.892	2362	2364	2371	rVB7	9625	14918	0.58%	0.039%
66	16.986	2374	2380	2386	rBV2	1767797	2569878	100.00%	6.703%
67	17.027	2386	2387	2391	rVV	35809	39487	1.54%	0.103%
68	17.086	2391	2397	2409	rVV2	1617201	2352369	91.54%	6.135%
69	17.274	2424	2429	2432	rBV7	8256	12458	0.48%	0.032%
70	17.368	2441	2445	2451	rVB9	10592	22718	0.88%	0.059%
71	17.468	2459	2462	2465	rBV3	16337	16878	0.66%	0.044%

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72	17.651	2491	2493	2496	rVB3	9956	10583	0.41%	0.028%
73	17.709	2499	2503	2507	rBV4	16302	24203	0.94%	0.063%
74	17.762	2507	2512	2515	rBV6	7393	14179	0.55%	0.037%
75	17.821	2517	2522	2527	rBV4	29333	43369	1.69%	0.113%
76	17.880	2527	2532	2542	rBV	362168	536185	20.86%	1.398%
77	17.956	2542	2545	2550	rVB	30493	48884	1.90%	0.127%
78	18.162	2576	2580	2587	rBV2	34859	49707	1.93%	0.130%
79	18.233	2590	2592	2595	rBV3	5226	5003	0.19%	0.013%
80	18.303	2600	2604	2614	rBV3	26712	65559	2.55%	0.171%
81	18.745	2677	2679	2684	rVB5	15279	18747	0.73%	0.049%
82	18.803	2685	2689	2693	rBV	35322	45752	1.78%	0.119%
83	19.027	2723	2727	2729	rBV2	53548	69456	2.70%	0.181%
84	19.062	2729	2733	2742	rVB	91065	168977	6.58%	0.441%
85	19.174	2748	2752	2759	rBV2	149436	266349	10.36%	0.695%
86	19.397	2784	2790	2798	rBV	1792178	2515824	97.90%	6.562%
87	19.456	2798	2800	2806	rVB	97958	129017	5.02%	0.336%
88	19.927	2877	2880	2885	rVB	82815	96358	3.75%	0.251%
89	20.333	2945	2949	2953	rVB	1469189	1561576	60.76%	4.073%
90	20.427	2962	2965	2969	rVB2	100128	105719	4.11%	0.276%
91	20.897	3041	3045	3055	rVB2	479827	595350	23.17%	1.553%
92	21.103	3076	3080	3084	rBV	239431	277991	10.82%	0.725%
93	21.197	3091	3096	3100	rBV	1907741	2353418	91.58%	6.138%
94	21.333	3116	3119	3124	rVB	169200	180503	7.02%	0.471%
95	21.756	3188	3191	3194	rBV	250549	333928	12.99%	0.871%
96	22.209	3264	3268	3273	rBV	261936	343422	13.36%	0.896%
97	22.697	3347	3351	3356	rVB	387618	514661	20.03%	1.342%
98	23.256	3440	3446	3454	rBV3	1016982	2023253	78.73%	5.277%
99	23.403	3465	3471	3479	rVB	1090914	1924677	74.89%	5.020%
100	23.874	3546	3551	3558	rVB	338803	611708	23.80%	1.595%

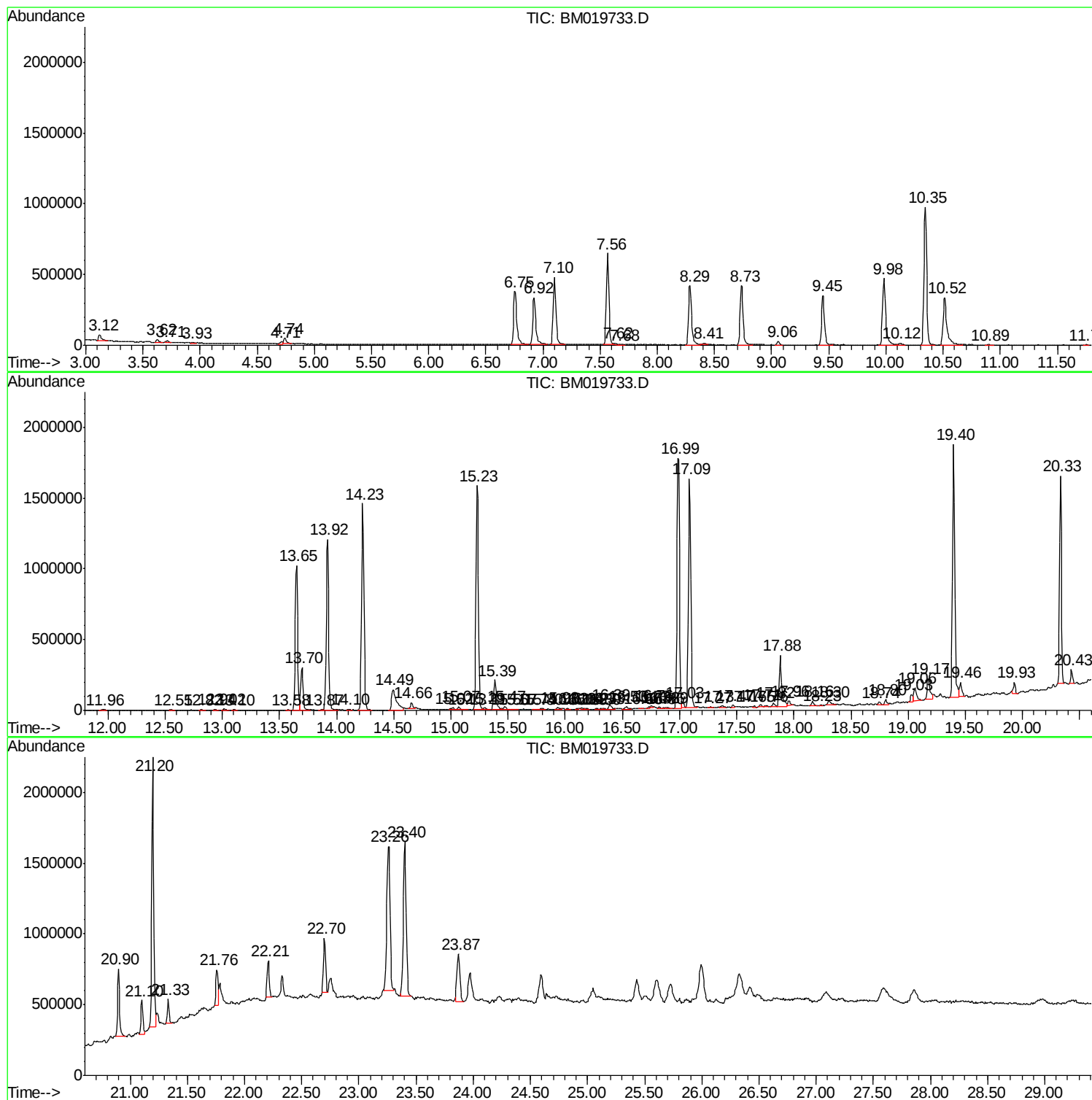
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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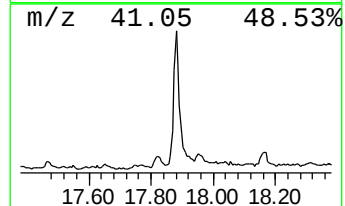
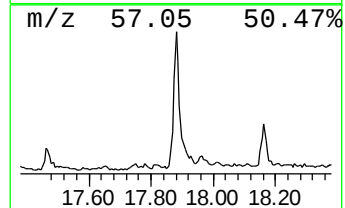
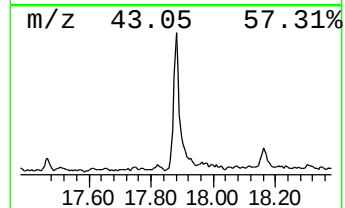
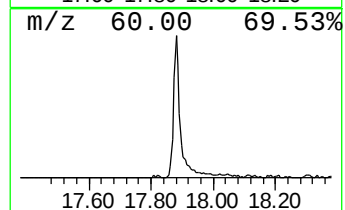
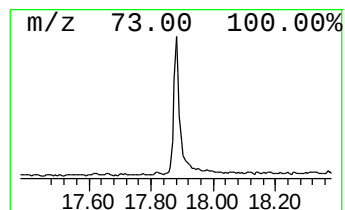
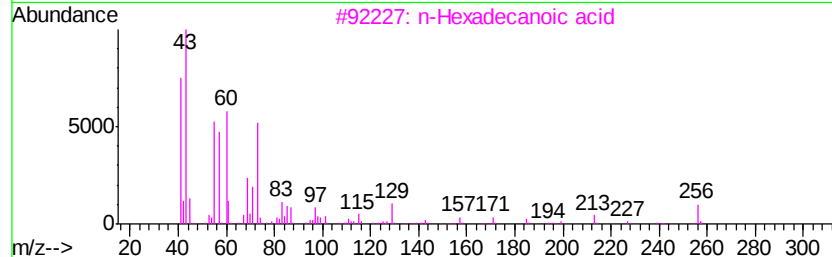
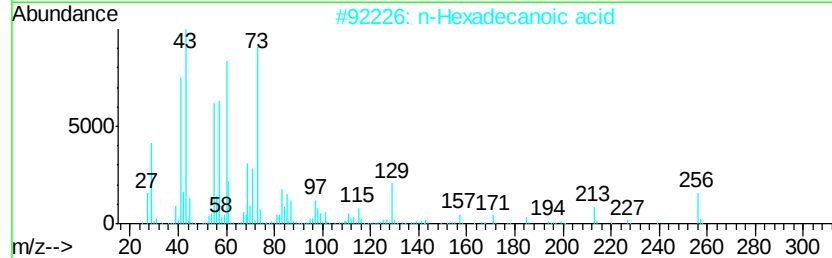
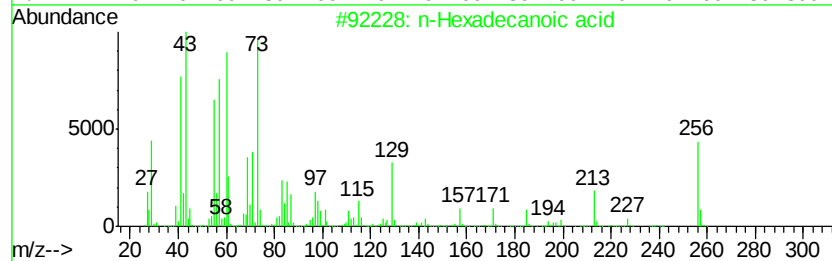
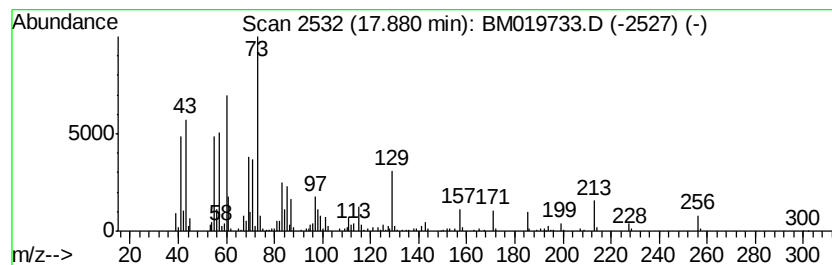
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	4.17 ng/ul	536185	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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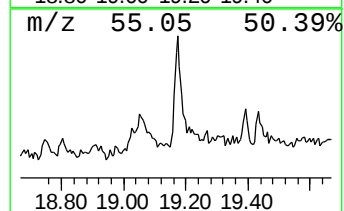
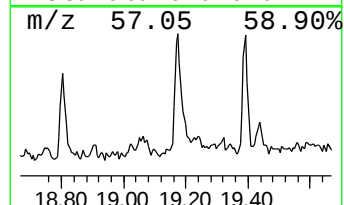
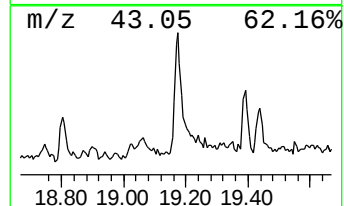
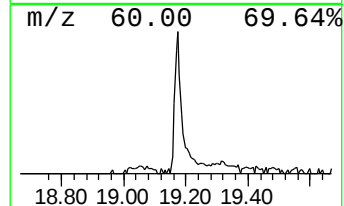
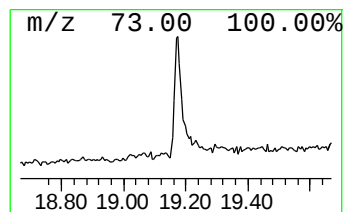
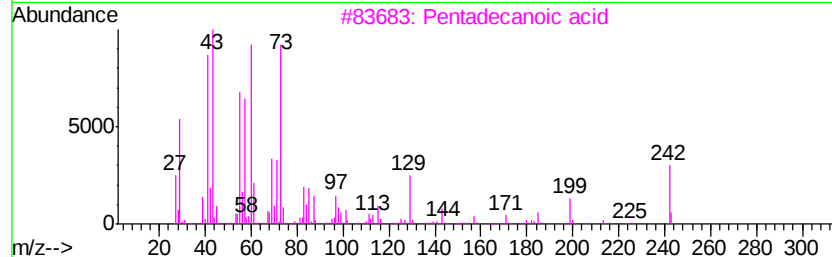
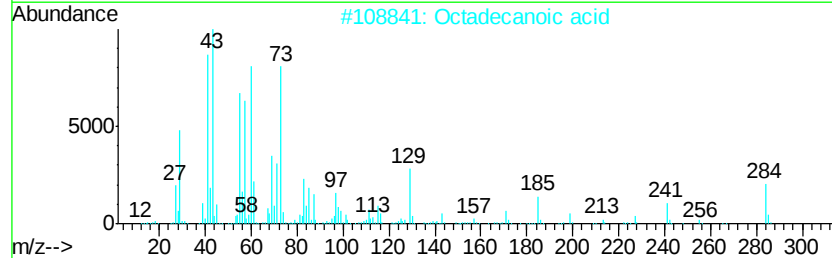
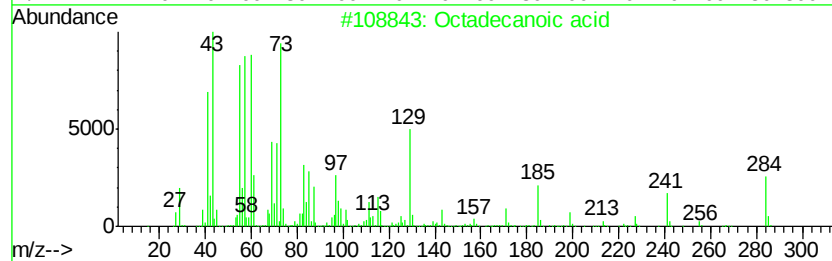
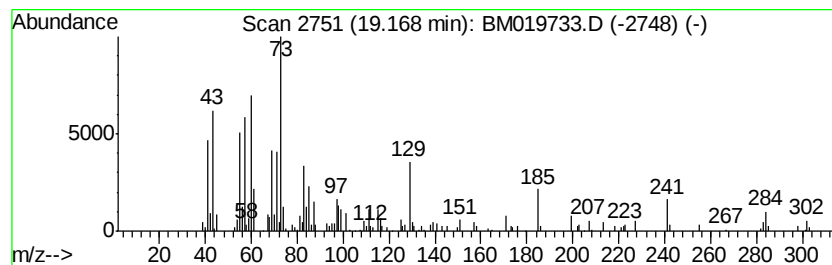
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.17	2.26 ng/ul	266349	Chrysene-d12		21.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	97
2	Octadecanoic acid		284	C18H36O2	000057-11-4	95
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	81



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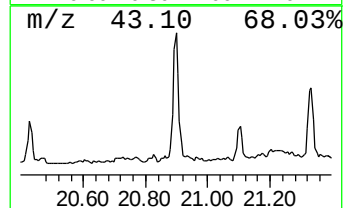
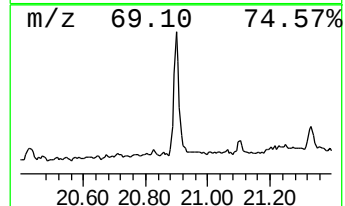
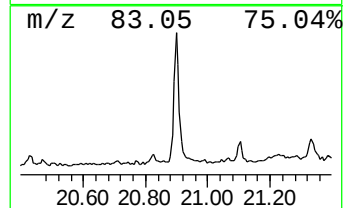
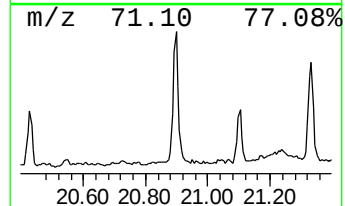
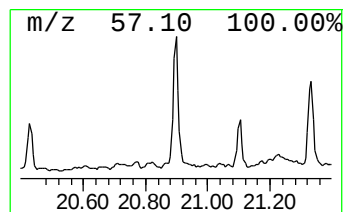
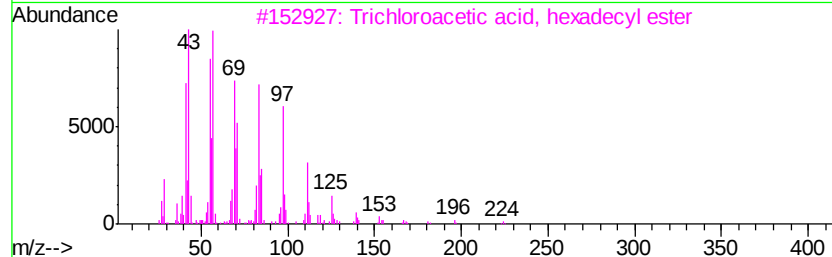
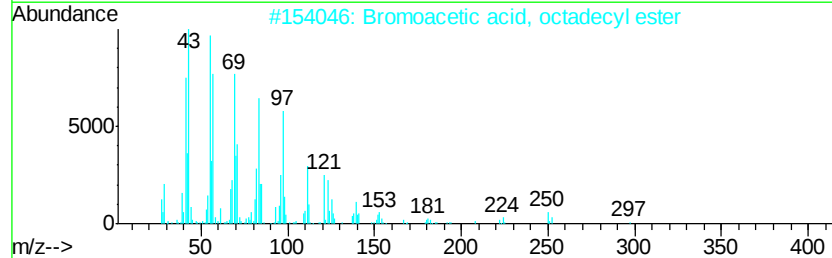
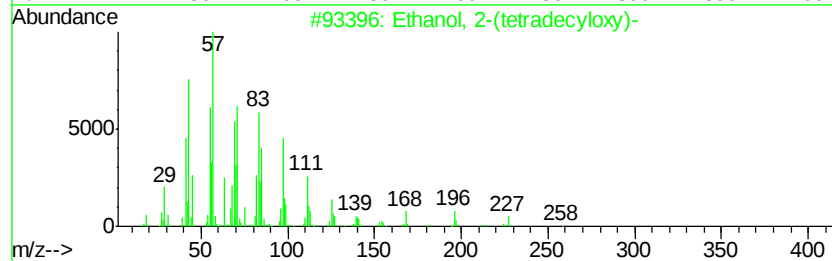
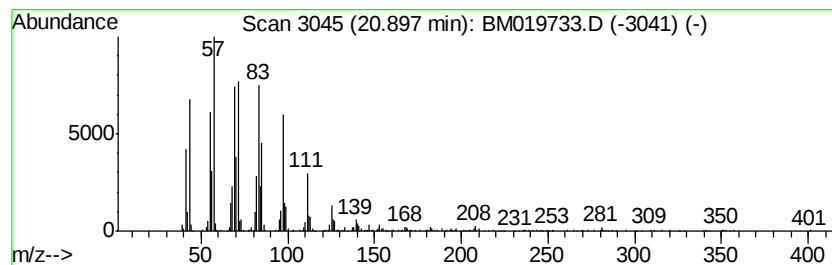
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Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.06 ng/ul	595350	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 81
2		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 74
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 64
4		1-Hexadecanol	242 C16H34O	036653-82-4 62
5		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 58



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Acq On : 03 Apr 2019 16:56
Operator : JU/SJ
Sample : K2148-09
Misc :
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Instrument :
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ClientSampleId :
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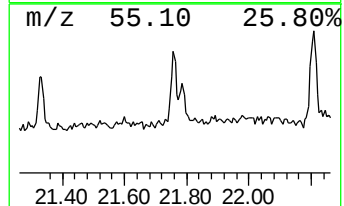
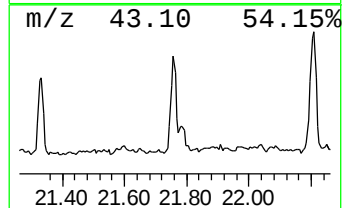
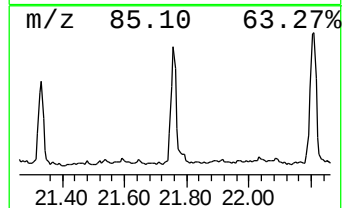
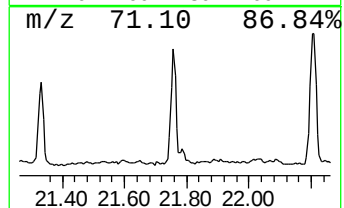
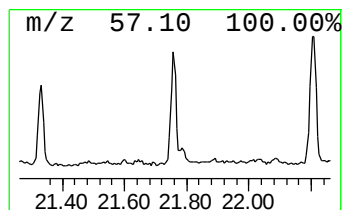
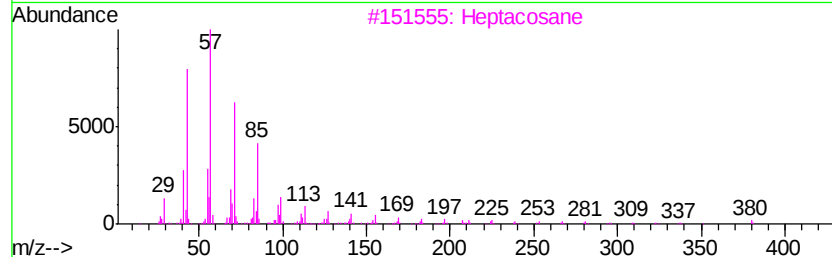
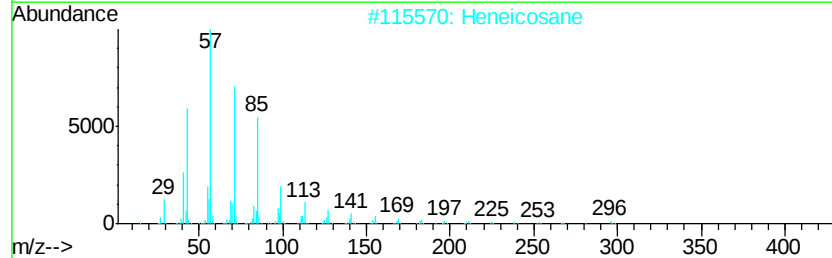
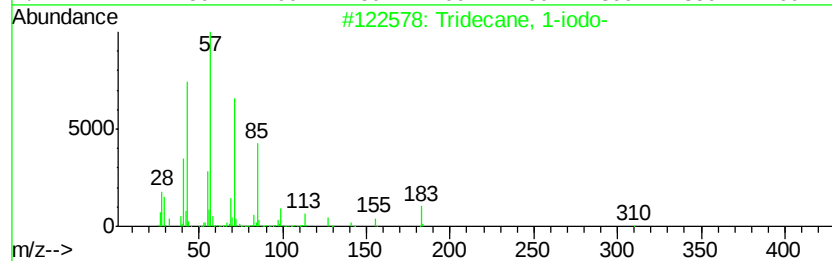
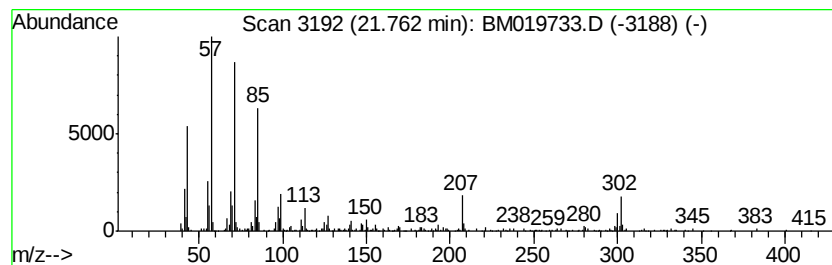
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.84 ng/ul	333928	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019733.D
Acq On : 03 Apr 2019 16:56
Operator : JU/SJ
Sample : K2148-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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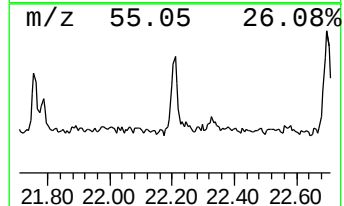
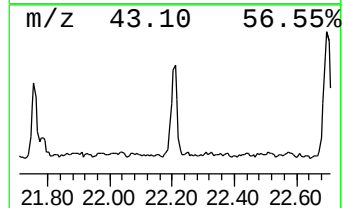
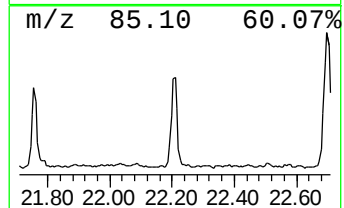
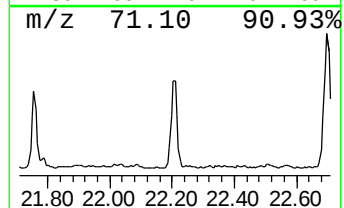
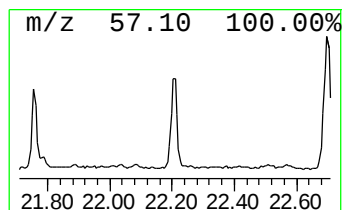
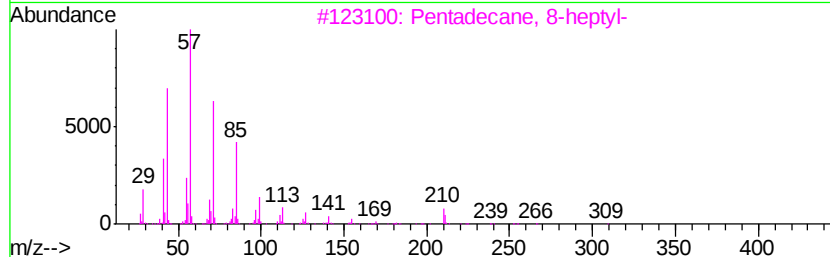
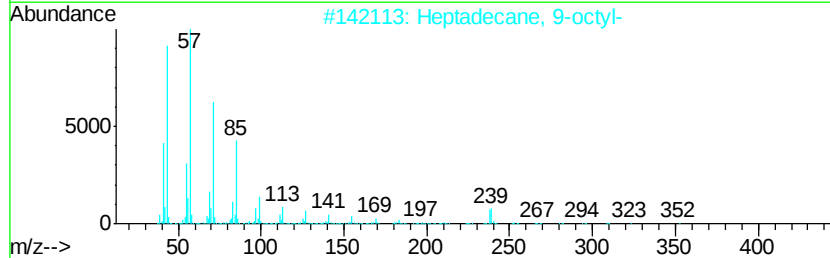
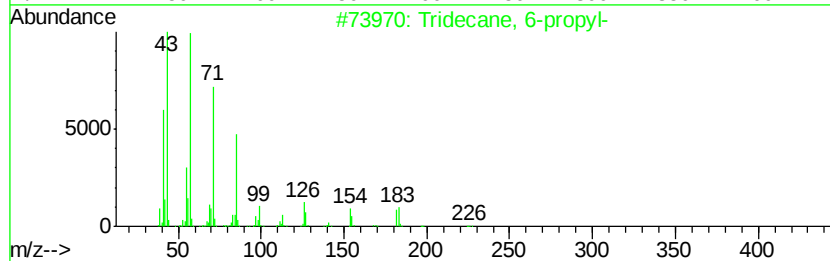
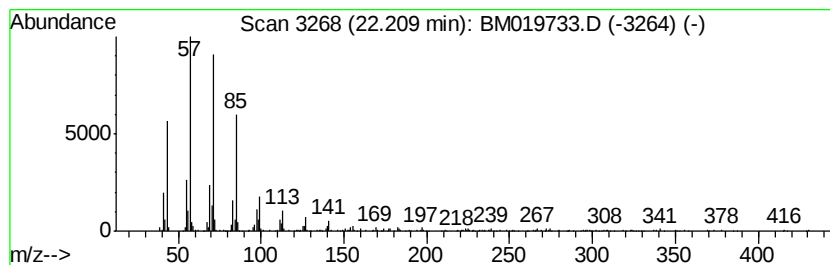
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.92 ng/ul	343422	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Heptacosane	380	C27H56	000593-49-7	81
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019733.D
Acq On : 03 Apr 2019 16:56
Operator : JU/SJ
Sample : K2148-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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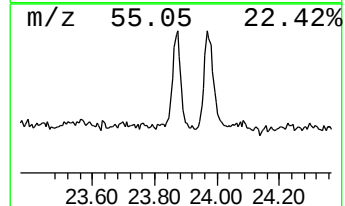
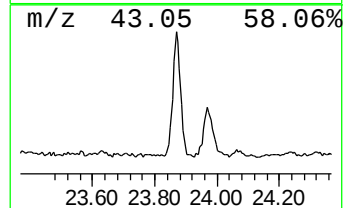
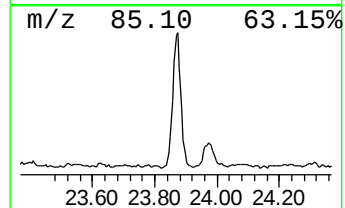
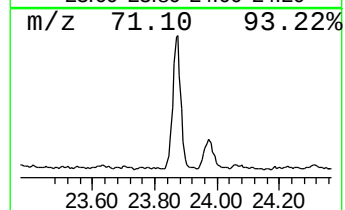
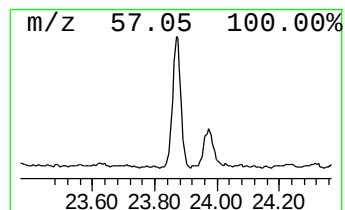
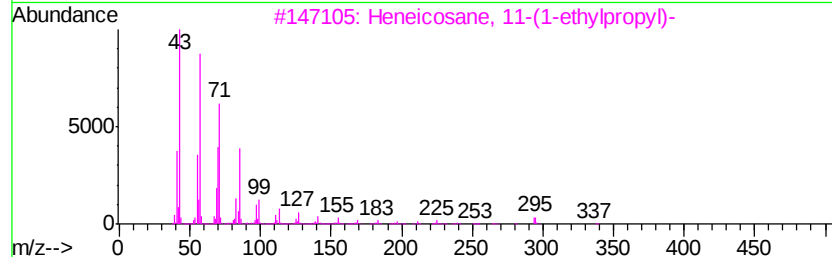
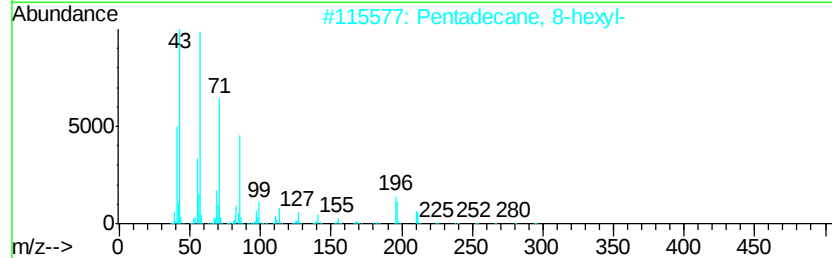
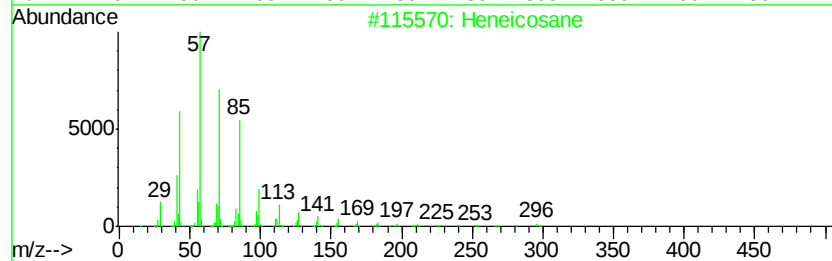
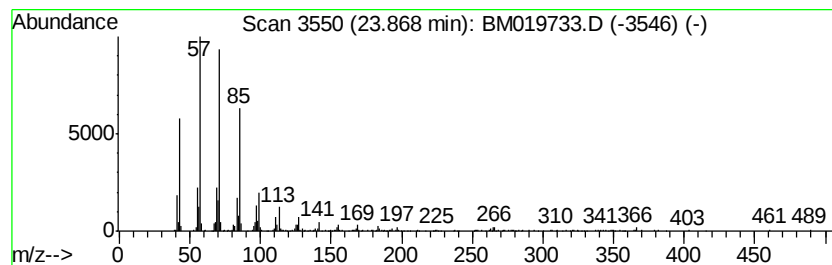
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	6.36 ng/ul	611708	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5			2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019733.D
Acq On : 03 Apr 2019 16:56
Operator : JU/SJ
Sample : K2148-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5G8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.88	4.2	ng/ul	536185	4	16.99	2569880	20.0
Octadecanoic acid	19.17	2.3	ng/ul	266349	5	21.20	2353420	20.0
Ethanol, 2-(tetra...	20.90	5.1	ng/ul	595350	5	21.20	2353420	20.0
Tridecane, 1-iodo-	21.76	2.8	ng/ul	333928	5	21.20	2353420	20.0
(DEL) Alkane: Str...	22.21	2.9	ng/ul	343422	5	21.20	2353420	20.0
(DEL) Alkane: Str...	23.87	6.4	ng/ul	611708	6	23.40	1924680	20.0