

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019840.D
 Acq On : 09 Apr 2019 22:19
 Operator : JU/SJ
 Sample : K2273-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC52

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	3.116	20	22	30	rVB	31535	45762	2.98%	0.244%
2	3.528	90	92	95	rVB2	5082	4338	0.28%	0.023%
3	3.675	115	117	119	rBV3	3277	2888	0.19%	0.015%
4	3.810	136	140	143	rBV5	4915	5556	0.36%	0.030%
5	4.057	180	182	185	rBV3	3086	2781	0.18%	0.015%
6	4.322	224	227	231	rBV6	2579	2932	0.19%	0.016%
7	4.705	289	292	297	rVB5	4831	8373	0.55%	0.045%
8	5.063	352	353	356	rBV2	2280	1919	0.13%	0.010%
9	5.328	396	398	402	rBV3	1766	2500	0.16%	0.013%
10	5.587	440	442	445	rBV3	2187	1840	0.12%	0.010%
11	5.751	468	470	473	rVB3	2213	1885	0.12%	0.010%
12	5.863	485	489	493	rBV4	1346	2237	0.15%	0.012%
13	6.016	511	515	517	rBV4	1652	1952	0.13%	0.010%
14	6.093	525	528	532	rVB4	2008	2957	0.19%	0.016%
15	6.128	532	534	537	rBV3	2029	2236	0.15%	0.012%
16	6.751	634	640	658	rBV	161683	356374	23.22%	1.900%
17	6.910	662	667	682	rVV	147699	282217	18.39%	1.505%
18	7.093	692	698	719	rVB	243189	425467	27.72%	2.269%
19	7.557	770	777	787	rBV	416551	712289	46.42%	3.798%
20	7.651	792	793	795	rVV3	2756	1909	0.12%	0.010%
21	7.881	828	832	834	rVB3	1926	2398	0.16%	0.013%
22	7.951	840	844	845	rBV2	2254	1991	0.13%	0.011%
23	8.281	895	900	917	rBV	186340	394702	25.72%	2.105%
24	8.663	963	965	970	rVB3	1457	2048	0.13%	0.011%
25	8.734	970	977	987	rBV	179734	348994	22.74%	1.861%
26	8.969	1016	1017	1021	rBV3	1916	1811	0.12%	0.010%
27	9.040	1025	1029	1033	rVV	8916	11872	0.77%	0.063%
28	9.445	1092	1098	1116	rBV	150144	299687	19.53%	1.598%
29	9.987	1183	1190	1215	rBV	157332	410856	26.77%	2.191%
30	10.210	1225	1228	1231	rVB2	2550	2984	0.19%	0.016%
31	10.334	1242	1249	1261	rVV	559289	935554	60.96%	4.989%
32	10.516	1272	1280	1298	rBV	135350	379323	24.72%	2.023%
33	10.651	1302	1303	1309	rVV2	3794	5331	0.35%	0.028%
34	10.710	1312	1313	1317	rBV2	1569	1911	0.12%	0.010%

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35	10.998	1361	1362	1367	rVV3	1350	1927	0.13%	0.010%
36	11.045	1367	1370	1373	rVB	1887	1869	0.12%	0.010%
37	11.980	1524	1529	1532	rBV3	2339	3939	0.26%	0.021%
38	12.163	1558	1560	1565	rBV3	1315	2062	0.13%	0.011%
39	12.292	1580	1582	1585	rVB	1556	1846	0.12%	0.010%
40	12.322	1585	1587	1591	rBV	1413	2182	0.14%	0.012%
41	12.616	1635	1637	1641	rVB3	1468	1931	0.13%	0.010%
42	12.651	1641	1643	1648	rBV3	1346	2135	0.14%	0.011%
43	13.004	1701	1703	1705	rBV2	1774	1905	0.12%	0.010%
44	13.639	1806	1811	1816	rBV	387393	594123	38.72%	3.168%
45	13.692	1816	1820	1830	rVB	93127	160276	10.44%	0.855%
46	13.910	1851	1857	1867	rBV	470521	704793	45.93%	3.758%
47	14.127	1886	1894	1903	rBV3	26744	77362	5.04%	0.413%
48	14.222	1903	1910	1922	rVB2	677069	1075342	70.07%	5.734%
49	14.416	1941	1943	1947	rVB2	1612	2104	0.14%	0.011%
50	14.539	1957	1964	1979	rBV4	31935	133628	8.71%	0.713%
51	14.657	1983	1984	1988	rVB3	3040	3968	0.26%	0.021%
52	15.010	2039	2044	2047	rVB3	2771	4741	0.31%	0.025%
53	15.063	2047	2053	2057	rBV4	5401	10543	0.69%	0.056%
54	15.221	2074	2080	2092	rBV	560551	879113	57.29%	4.688%
55	15.392	2103	2109	2119	rBV3	60088	120818	7.87%	0.644%
56	15.463	2119	2121	2126	rVV4	6212	9108	0.59%	0.049%
57	15.621	2145	2148	2152	rVB3	3002	4146	0.27%	0.022%
58	15.768	2171	2173	2178	rVB2	1456	2184	0.14%	0.012%
59	15.921	2196	2199	2201	rBV2	2304	2590	0.17%	0.014%
60	16.016	2211	2215	2220	rVB3	2969	3658	0.24%	0.020%
61	16.104	2225	2230	2231	rBV3	2117	3085	0.20%	0.016%
62	16.280	2250	2260	2263	rBV4	2418	5693	0.37%	0.030%
63	16.398	2274	2280	2283	rBV5	5382	9069	0.59%	0.048%
64	16.527	2298	2302	2310	rVB4	5361	10411	0.68%	0.056%
65	16.710	2330	2333	2336	rBV3	2093	2675	0.17%	0.014%
66	16.768	2340	2343	2344	rVV2	2148	2392	0.16%	0.013%
67	16.898	2361	2365	2371	rVB4	1613	2903	0.19%	0.015%
68	16.980	2373	2379	2389	rBV2	801665	1150777	74.99%	6.137%
69	17.080	2391	2396	2407	rBV2	564500	865583	56.40%	4.616%
70	17.321	2435	2437	2439	rBV3	2440	1960	0.13%	0.010%
71	17.368	2441	2445	2450	rVB5	2056	4086	0.27%	0.022%

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72	17.427	2453	2455	2456	rBV2	2329	2088	0.14%	0.011%
73	17.639	2488	2491	2497	rVB5	2569	3641	0.24%	0.019%
74	17.751	2504	2510	2516	rBV9	9582	18614	1.21%	0.099%
75	17.874	2526	2531	2541	rBV	130999	219940	14.33%	1.173%
76	18.051	2558	2561	2566	rVB5	5951	7263	0.47%	0.039%
77	18.110	2569	2571	2575	rVB4	12031	11508	0.75%	0.061%
78	18.157	2575	2579	2581	rBV4	8236	7430	0.48%	0.040%
79	18.292	2601	2602	2604	rBV2	3401	3444	0.22%	0.018%
80	18.339	2608	2610	2613	rBV4	2583	2649	0.17%	0.014%
81	18.904	2703	2706	2714	rVB6	11241	18788	1.22%	0.100%
82	19.033	2724	2728	2730	rBV5	10241	16782	1.09%	0.089%
83	19.168	2747	2751	2753	rBV2	51087	78387	5.11%	0.418%
84	19.256	2763	2766	2768	rBV4	13676	14532	0.95%	0.077%
85	19.392	2783	2789	2797	rBV2	727103	1024216	66.74%	5.462%
86	19.633	2825	2830	2839	rBV	142413	264709	17.25%	1.412%
87	19.904	2873	2876	2882	rBV7	21195	30279	1.97%	0.161%
88	19.956	2883	2885	2889	rVB5	16492	18610	1.21%	0.099%
89	20.892	3040	3044	3052	rBV2	227965	317504	20.69%	1.693%
90	21.092	3076	3078	3081	rVB	53932	57180	3.73%	0.305%
91	21.192	3090	3095	3101	rBV	1098463	1534605	100.00%	8.184%
92	21.321	3115	3117	3124	rBV3	50991	55015	3.58%	0.293%
93	21.627	3166	3169	3173	rBV	74807	81277	5.30%	0.433%
94	21.745	3187	3189	3192	rVB	85514	81301	5.30%	0.434%
95	22.197	3262	3266	3272	rBV	197468	258546	16.85%	1.379%
96	22.315	3283	3286	3293	rVB	201864	284241	18.52%	1.516%
97	22.686	3345	3349	3355	rVB	278473	376006	24.50%	2.005%
98	23.256	3438	3446	3454	rBV2	629283	1527223	99.52%	8.144%
99	23.397	3464	3470	3478	rVB	791934	1448445	94.39%	7.724%
100	23.856	3544	3548	3556	rVB	239469	453281	29.54%	2.417%

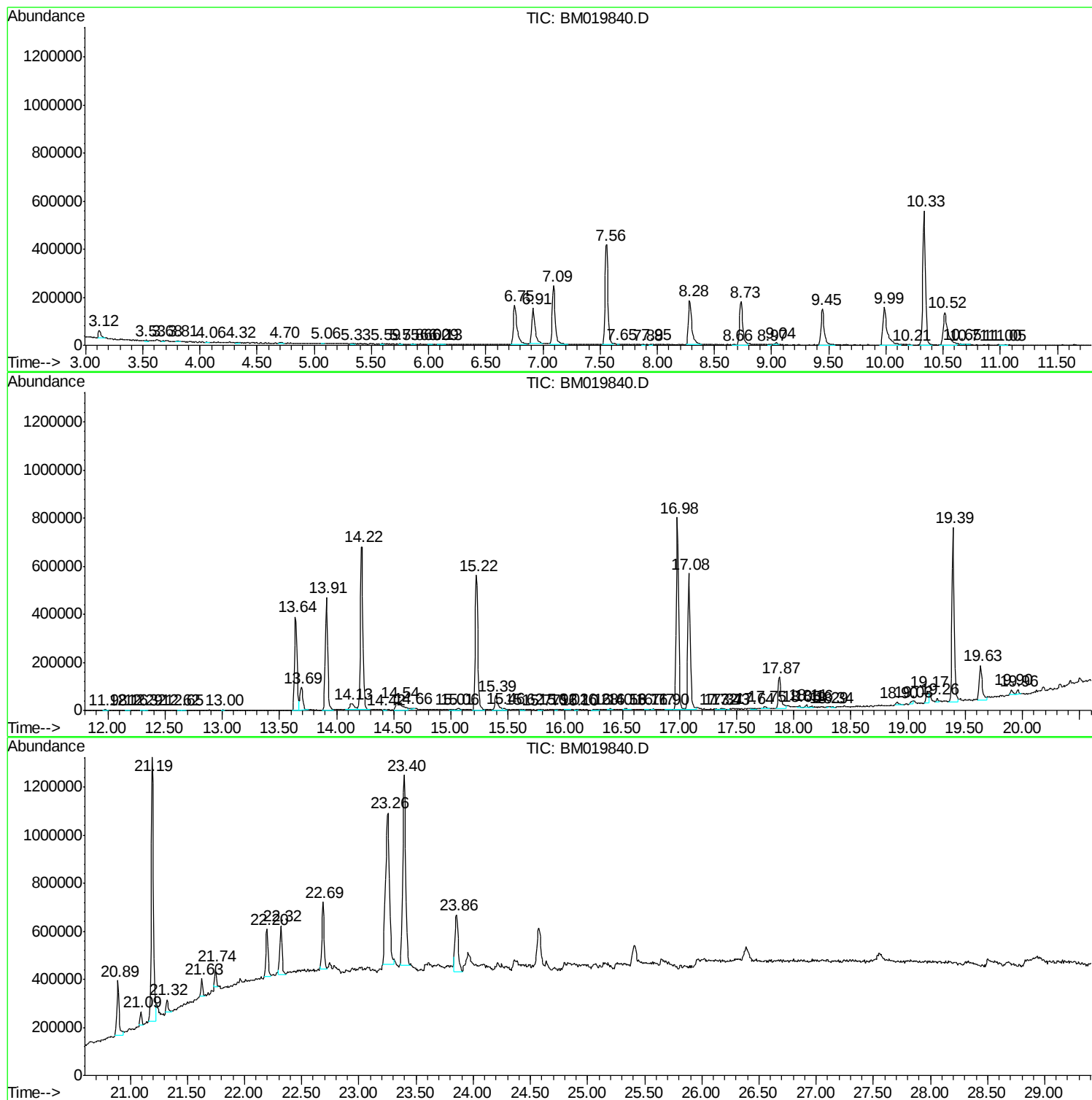
Sum of corrected areas: 18752305

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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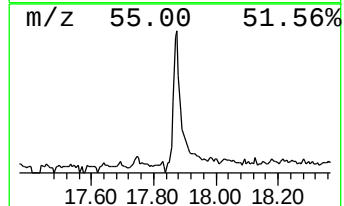
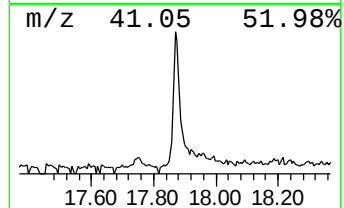
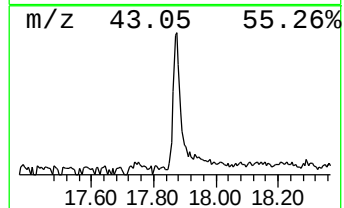
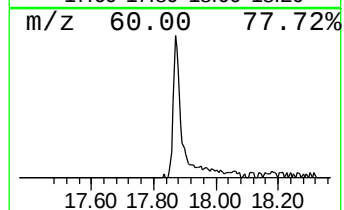
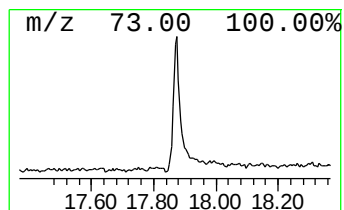
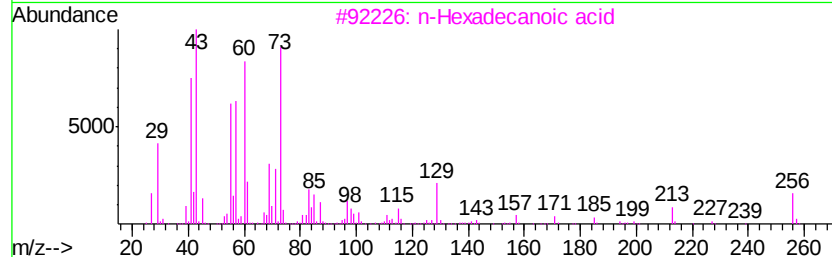
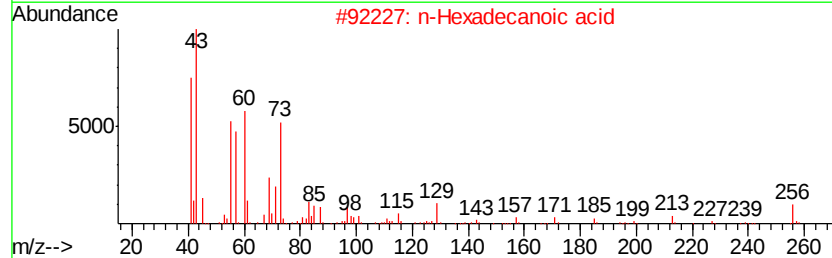
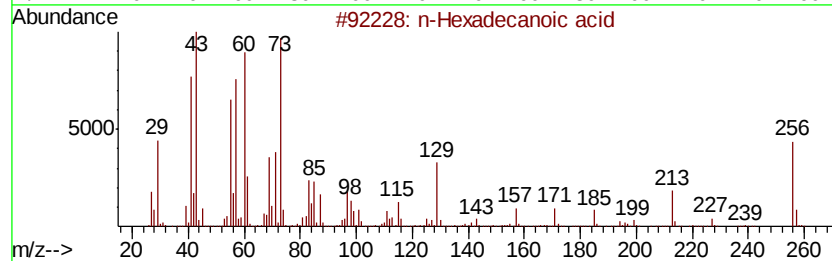
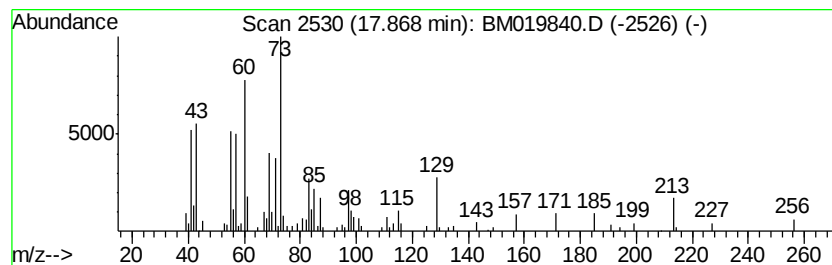
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.82 ng/ul	219940	Phenanthrene-d10	16.98

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	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58	



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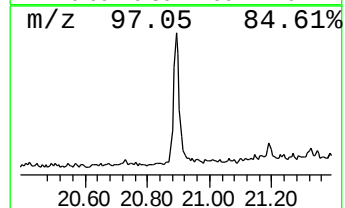
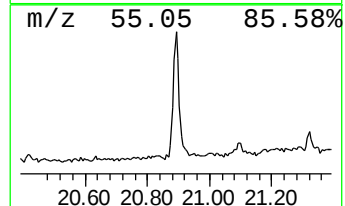
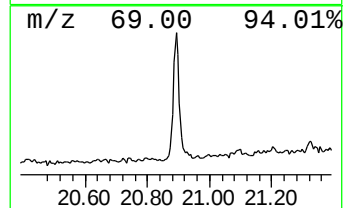
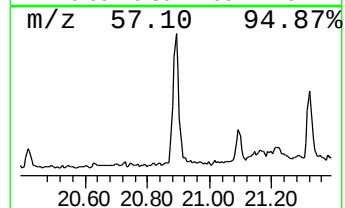
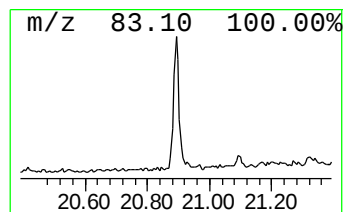
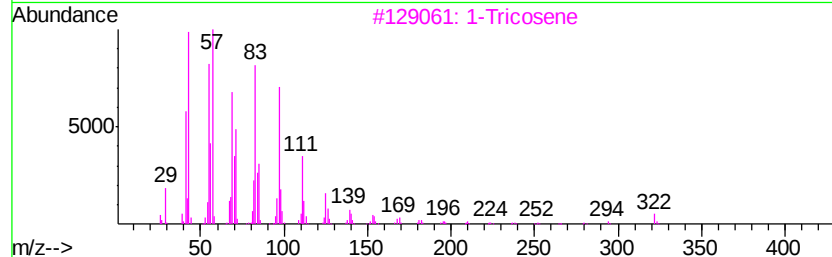
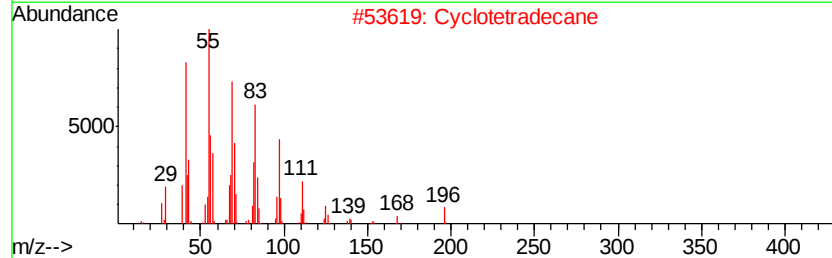
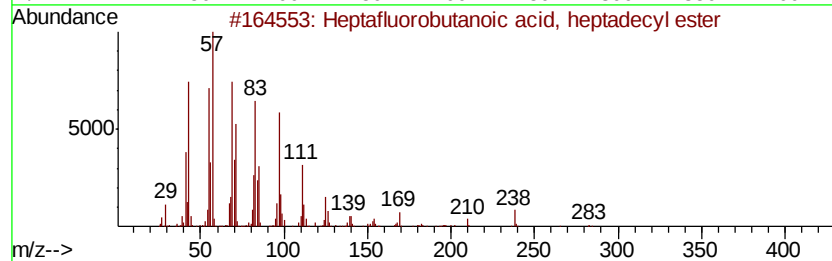
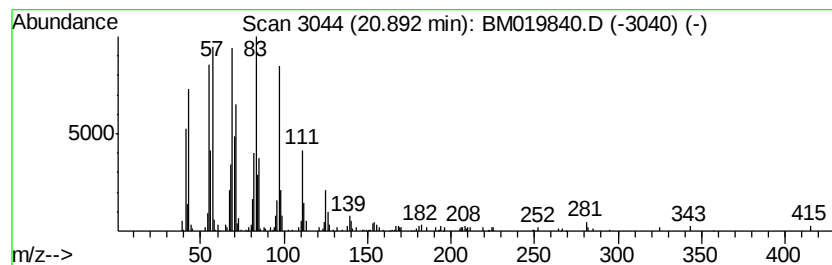
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.14 ng/ul	317504	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		1-Tricosene	322	C23H46	018835-32-0	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



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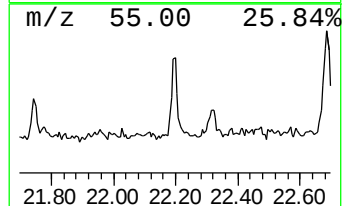
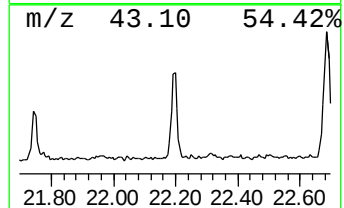
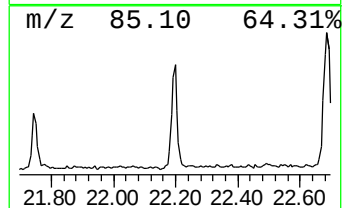
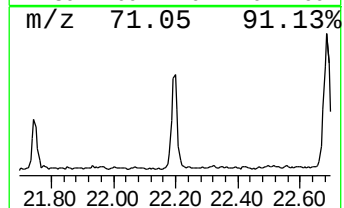
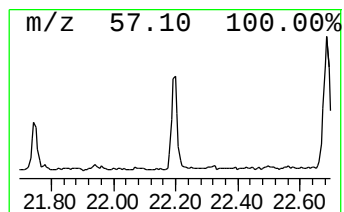
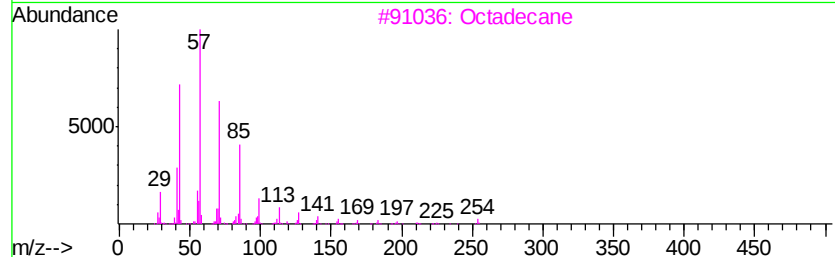
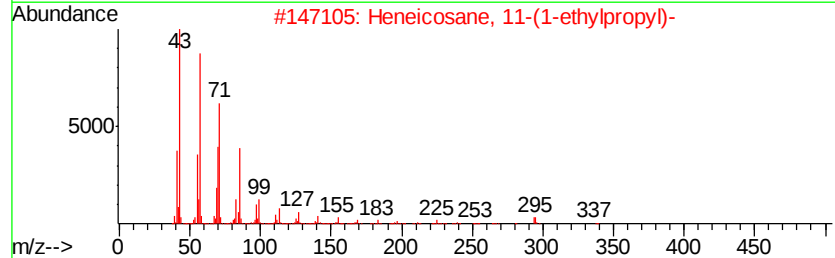
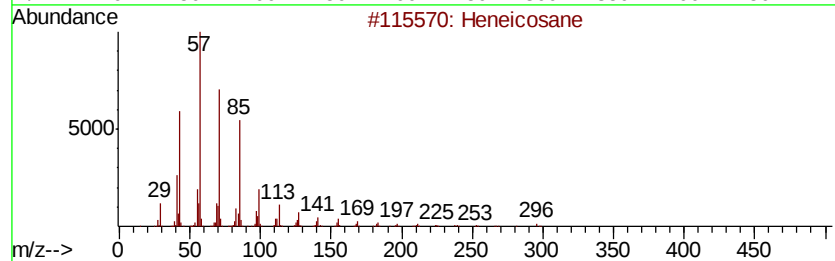
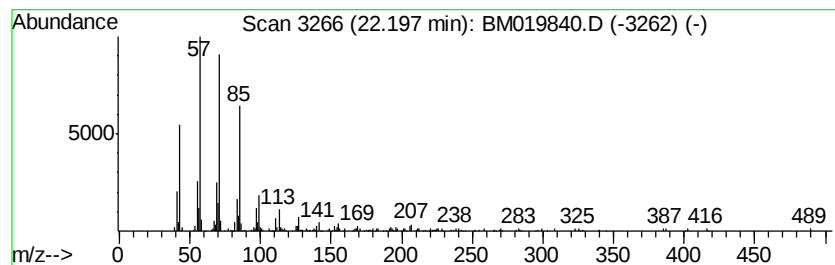
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.37 ng/ul	258546	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Octadecane	254	C18H38	000593-45-3	83
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
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Acq On : 09 Apr 2019 22:19
Operator : JU/SJ
Sample : K2273-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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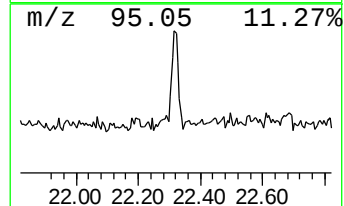
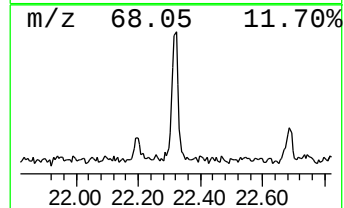
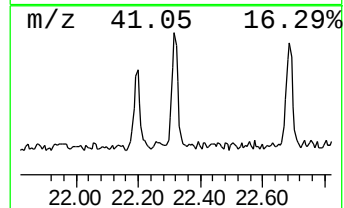
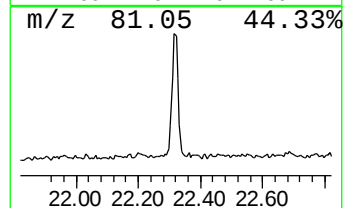
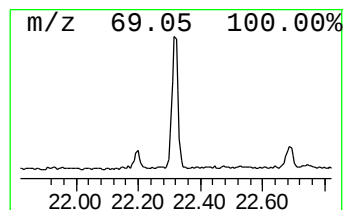
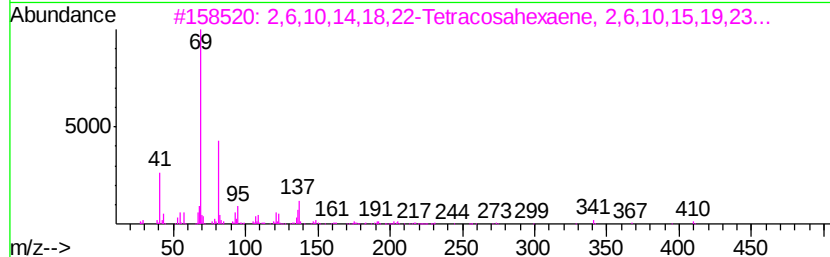
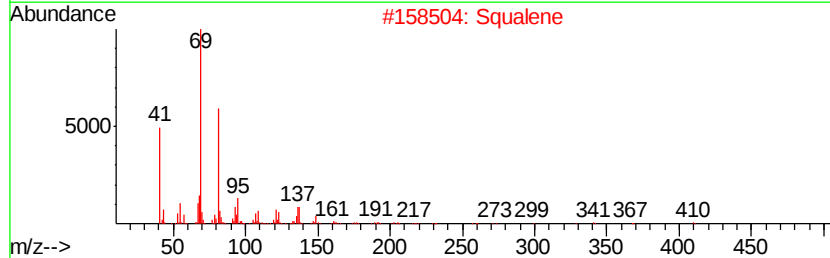
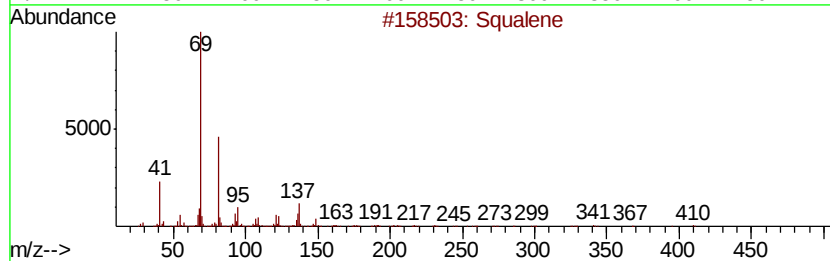
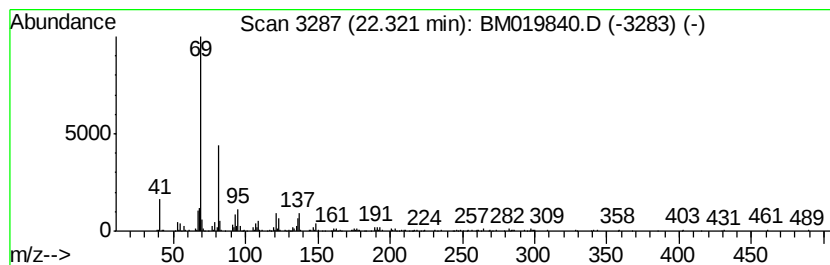
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.92 ng/ul	284241	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	007683-64-9	83
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
4		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019840.D
Acq On : 09 Apr 2019 22:19
Operator : JU/SJ
Sample : K2273-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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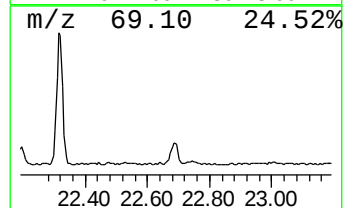
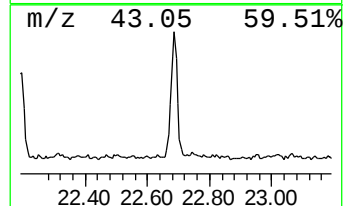
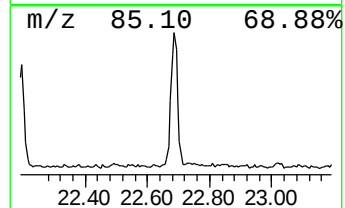
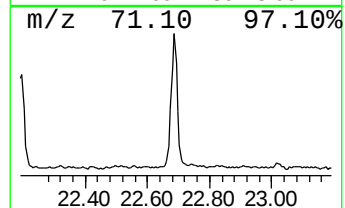
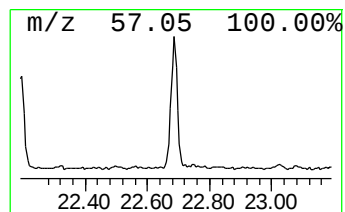
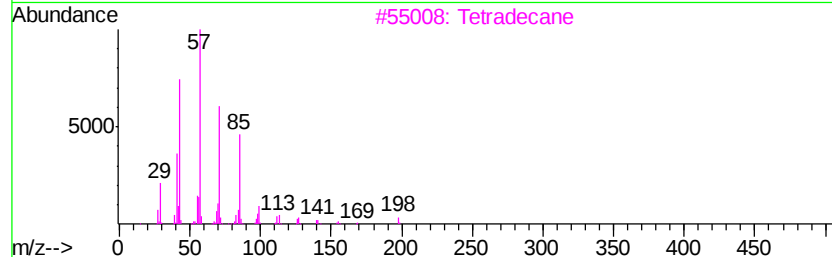
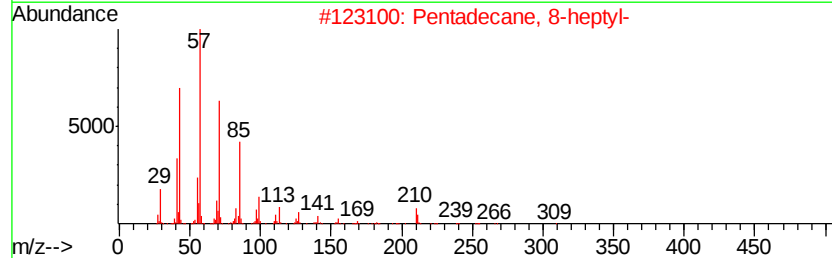
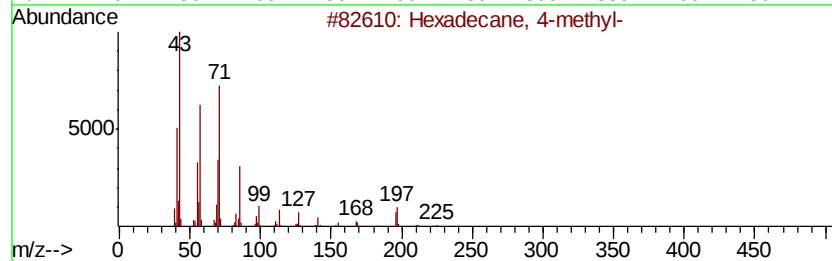
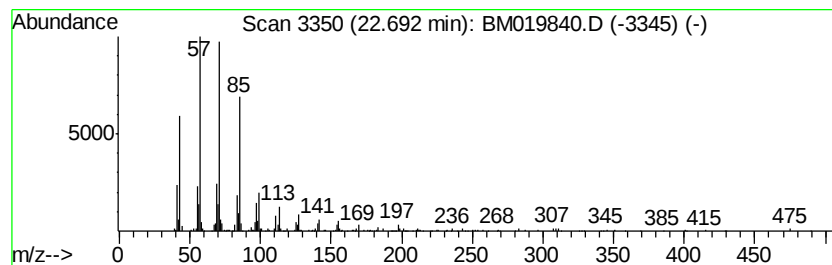
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.19 ng/ul	376006	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019840.D
Acq On : 09 Apr 2019 22:19
Operator : JU/SJ
Sample : K2273-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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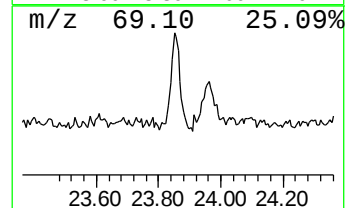
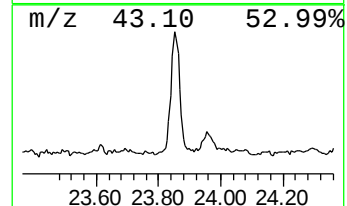
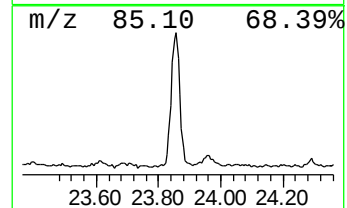
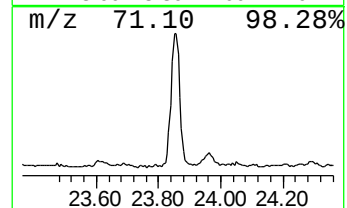
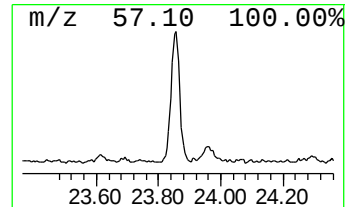
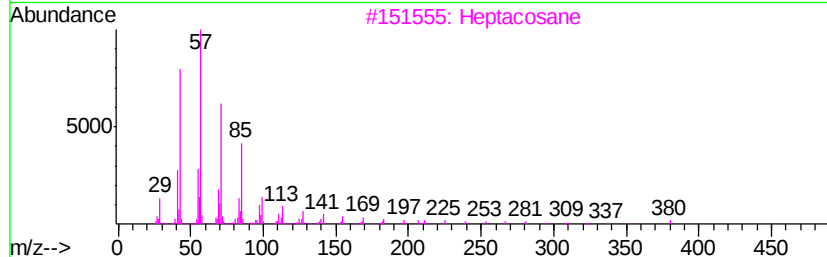
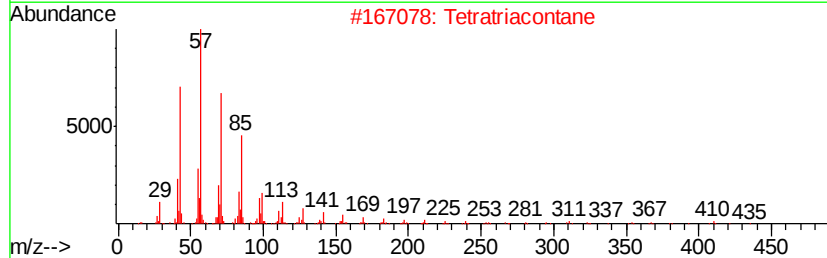
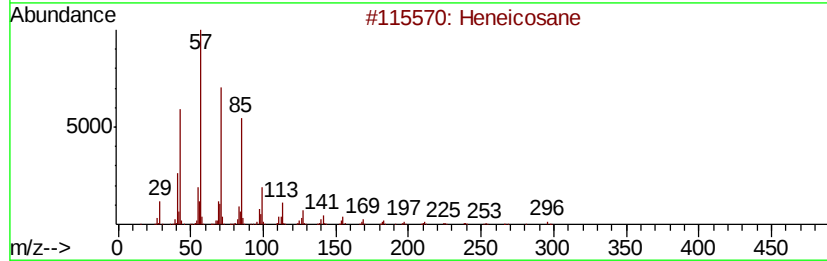
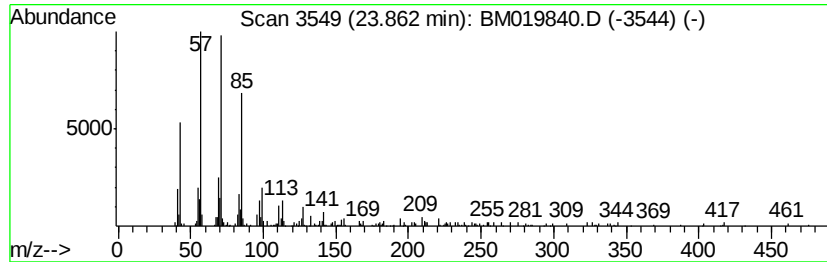
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.26 ng/ul	453281	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019840.D
Acq On : 09 Apr 2019 22:19
Operator : JU/SJ
Sample : K2273-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC52

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	17.87	3.8	ng/ul	219940	4	16.98	1150780	20.0
Heptafluorobutano...	20.89	4.1	ng/ul	317504	5	21.19	1534610	20.0
(DEL) Alkane: Str...	22.20	3.4	ng/ul	258546	5	21.19	1534610	20.0
Squalene	22.32	3.9	ng/ul	284241	6	23.40	1448450	20.0
(DEL) Alkane: Str...	22.69	5.2	ng/ul	376006	6	23.40	1448450	20.0
(DEL) Alkane: Str...	23.86	6.3	ng/ul	453281	6	23.40	1448450	20.0