

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018170.D
 Acq On : 14 Dec 2018 16:30
 Operator : JU/SJ
 Sample : J6297-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E37

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-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	3.105	33	37	44	rVB	21589	29044	1.09%	0.089%
2	3.399	82	87	88	rBV3	2490	3724	0.14%	0.011%
3	3.510	102	106	108	rBV3	2530	3155	0.12%	0.010%
4	3.599	117	121	124	rBV3	9673	12308	0.46%	0.038%
5	3.705	131	139	143	rVB2	11366	19447	0.73%	0.060%
6	3.793	152	154	159	rVB4	4895	6650	0.25%	0.020%
7	3.899	169	172	179	rBV5	8467	12862	0.48%	0.040%
8	3.999	186	189	191	rBV3	2636	2919	0.11%	0.009%
9	4.205	221	224	229	rVB2	2671	3074	0.12%	0.009%
10	4.675	299	304	306	rBV	15076	22106	0.83%	0.068%
11	4.699	306	308	319	rVB3	11348	17096	0.64%	0.053%
12	5.946	515	520	524	rVB4	7062	12062	0.45%	0.037%
13	6.393	591	596	601	rBV	1593	3029	0.11%	0.009%
14	6.704	643	649	665	rBV2	414141	832774	31.28%	2.558%
15	6.863	670	676	688	rVV	355153	545802	20.50%	1.677%
16	7.045	699	707	718	rBV	478820	764621	28.72%	2.349%
17	7.504	779	785	794	rBV	475512	761447	28.60%	2.339%
18	8.087	879	884	887	rBV2	1881	3477	0.13%	0.011%
19	8.222	901	907	920	rBV	472220	840253	31.56%	2.581%
20	8.340	923	927	932	rVB3	3788	6123	0.23%	0.019%
21	8.663	976	982	995	rBV	420482	716843	26.93%	2.202%
22	9.045	1043	1047	1051	rVB2	16627	22235	0.84%	0.068%
23	9.375	1096	1103	1115	rBV	375502	622386	23.38%	1.912%
24	9.469	1117	1119	1124	rVB2	1780	2738	0.10%	0.008%
25	9.910	1187	1194	1207	rBV	528689	942664	35.41%	2.896%
26	10.051	1215	1218	1222	rVB2	2620	3727	0.14%	0.011%
27	10.275	1247	1256	1266	rBV	682347	1165437	43.78%	3.580%
28	10.434	1274	1283	1306	rBV	378951	840600	31.58%	2.582%
29	11.898	1528	1532	1538	rBV3	4584	9176	0.34%	0.028%
30	13.410	1784	1789	1793	rVB3	6264	7149	0.27%	0.022%
31	13.457	1793	1797	1800	rBV4	8366	10630	0.40%	0.033%
32	13.586	1813	1819	1824	rBV	1039084	1448385	54.41%	4.449%
33	13.633	1824	1827	1838	rVB	294221	431787	16.22%	1.326%
34	13.851	1858	1864	1878	rBV	1222931	1779190	66.83%	5.465%

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35	14.069	1898	1901	1905	rVB3	3258	3597	0.14%	0.011%
36	14.163	1911	1917	1926	rBV2	1050880	1590779	59.76%	4.887%
37	14.410	1954	1959	1971	rBV	233733	511184	19.20%	1.570%
38	14.616	1990	1994	2003	rVB6	7285	15445	0.58%	0.047%
39	14.904	2040	2043	2046	rBV2	2217	2724	0.10%	0.008%
40	14.974	2052	2055	2060	rBV4	2733	4497	0.17%	0.014%
41	15.033	2060	2065	2068	rVV3	4793	7110	0.27%	0.022%
42	15.098	2071	2076	2078	rBV3	2186	3423	0.13%	0.011%
43	15.169	2081	2088	2102	rBV	1516421	2207144	82.91%	6.780%
44	15.316	2107	2113	2121	rVV	343097	531564	19.97%	1.633%
45	15.368	2121	2122	2124	rVV2	8039	7126	0.27%	0.022%
46	15.410	2124	2129	2132	rVV2	21700	33148	1.25%	0.102%
47	15.451	2132	2136	2143	rVB2	36744	54547	2.05%	0.168%
48	15.592	2157	2160	2164	rBV2	2346	4152	0.16%	0.013%
49	15.657	2167	2171	2174	rBV2	3154	4243	0.16%	0.013%
50	15.904	2209	2213	2214	rBV2	5011	5516	0.21%	0.017%
51	15.945	2218	2220	2228	rVB3	2311	3445	0.13%	0.011%
52	16.304	2278	2281	2284	rVB3	3061	3490	0.13%	0.011%
53	16.363	2289	2291	2292	rBV2	3323	2708	0.10%	0.008%
54	16.480	2307	2311	2318	rVB	7765	11533	0.43%	0.035%
55	16.692	2344	2347	2348	rBV2	4832	4524	0.17%	0.014%
56	16.845	2370	2373	2380	rVB5	4390	9154	0.34%	0.028%
57	16.921	2380	2386	2394	rBV2	1363792	1902744	71.47%	5.845%
58	17.021	2397	2403	2413	rVV2	1601781	2318440	87.09%	7.122%
59	17.162	2425	2427	2431	rVB2	2776	2823	0.11%	0.009%
60	17.227	2433	2438	2441	rBV3	3143	4416	0.17%	0.014%
61	17.333	2454	2456	2460	rBV3	3179	3545	0.13%	0.011%
62	17.427	2468	2472	2473	rBV3	4092	5103	0.19%	0.016%
63	17.704	2517	2519	2521	rBV2	4426	4798	0.18%	0.015%
64	17.780	2527	2532	2535	rBV4	6378	9861	0.37%	0.030%
65	17.839	2535	2542	2562	rBV	249678	421928	15.85%	1.296%
66	18.127	2587	2591	2594	rBV5	4203	6912	0.26%	0.021%
67	18.157	2594	2596	2599	rVV3	3013	3072	0.12%	0.009%
68	18.604	2670	2672	2675	rBV4	2395	2807	0.11%	0.009%
69	18.633	2675	2677	2678	rBV2	3862	2665	0.10%	0.008%
70	18.709	2686	2690	2692	rBV4	6112	7523	0.28%	0.023%
71	18.868	2714	2717	2721	rVB6	5444	7769	0.29%	0.024%

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72	18.980	2730	2736	2738	rBV3	22395	46977	1.76%	0.144%
73	19.009	2738	2741	2749	rVB7	42693	68959	2.59%	0.212%
74	19.133	2757	2762	2772	rBV3	145993	264109	9.92%	0.811%
75	19.221	2774	2777	2784	rVB3	20550	34566	1.30%	0.106%
76	19.333	2790	2796	2804	rBV	1963267	2662157	100.00%	8.178%
77	19.398	2805	2807	2810	rVB4	11605	12481	0.47%	0.038%
78	19.427	2810	2812	2814	rBV3	3826	2746	0.10%	0.008%
79	19.827	2878	2880	2884	rBV5	6030	6683	0.25%	0.021%
80	19.874	2884	2888	2890	rBV5	16276	22125	0.83%	0.068%
81	20.227	2944	2948	2952	rVB5	30967	37846	1.42%	0.116%
82	20.268	2952	2955	2956	rBV3	11687	13239	0.50%	0.041%
83	20.286	2956	2958	2961	rVV4	16541	16725	0.63%	0.051%
84	20.339	2965	2967	2969	rBV3	9678	7990	0.30%	0.025%
85	20.868	3053	3057	3065	rBV3	202476	280342	10.53%	0.861%
86	21.145	3098	3104	3113	rBV	1446070	1998239	75.06%	6.138%
87	21.727	3201	3203	3206	rBV2	54314	56218	2.11%	0.173%
88	22.174	3276	3279	3282	rVB2	84639	103077	3.87%	0.317%
89	22.656	3358	3361	3364	rVB3	94278	118985	4.47%	0.365%
90	23.168	3441	3448	3458	rVB	1049873	2048405	76.95%	6.292%
91	23.303	3465	3471	3484	rVB	835695	1521882	57.17%	4.675%
92	23.791	3552	3554	3561	rVB4	115828	198389	7.45%	0.609%
93	23.891	3567	3571	3579	rVB5	130575	264683	9.94%	0.813%
94	24.956	3751	3752	3753	rBV	54928	37497	1.41%	0.115%
95	25.591	3852	3860	3869	rVB5	352234	992695	37.29%	3.049%
96	25.762	3885	3889	3892	rBV5	57525	107097	4.02%	0.329%

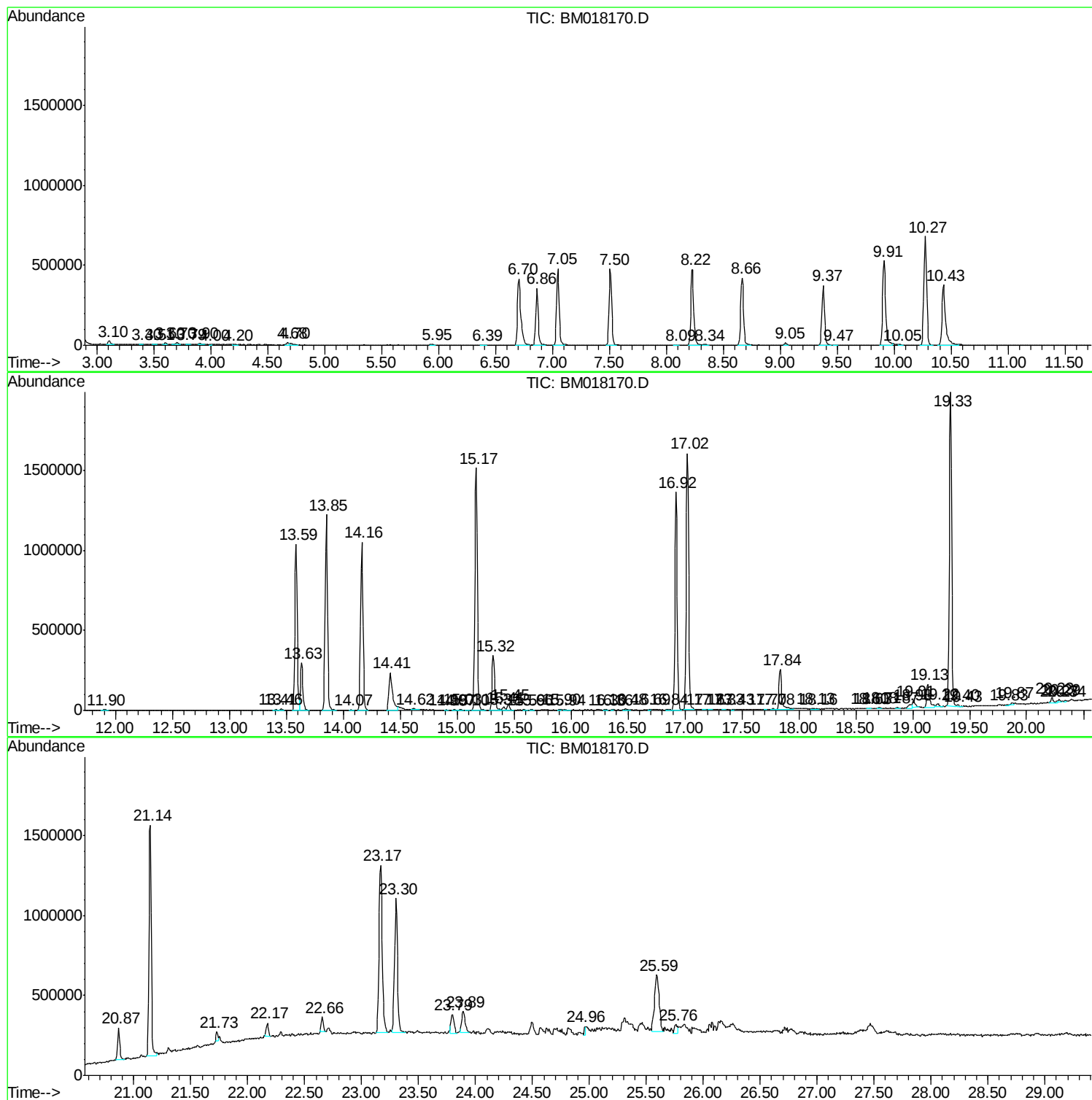
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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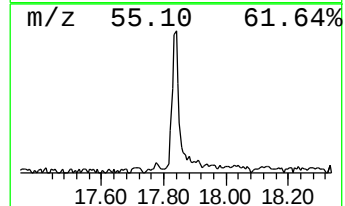
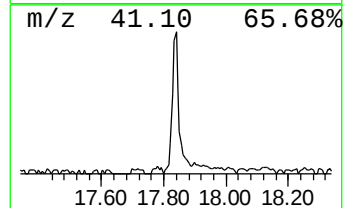
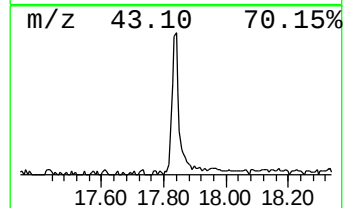
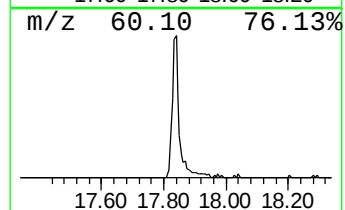
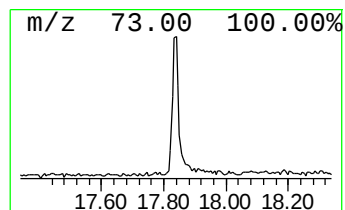
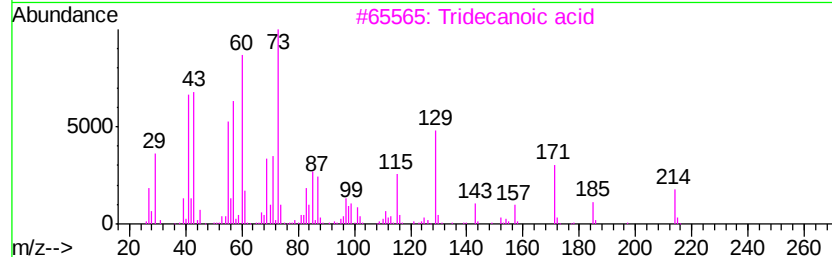
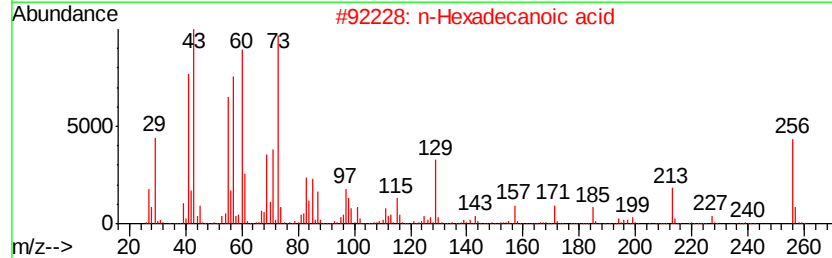
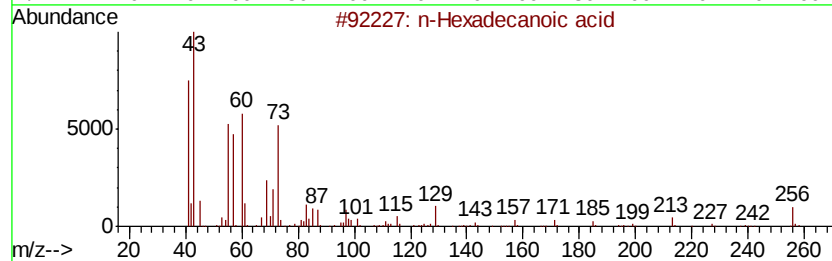
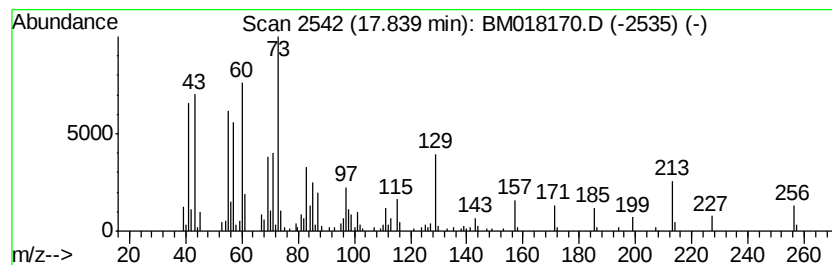
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	4.43 ng/ul	421928	Phenanthrene-d10		16.92	
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	96
3	Tridecanoic acid		214	C13H26O2	000638-53-9	94
4	Tridecanoic acid		214	C13H26O2	000638-53-9	91
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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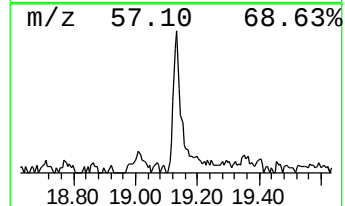
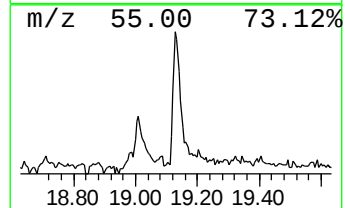
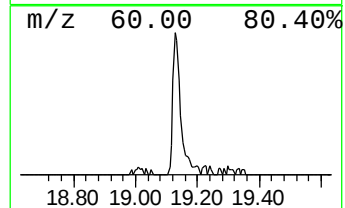
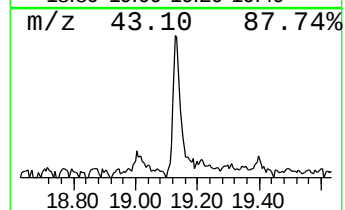
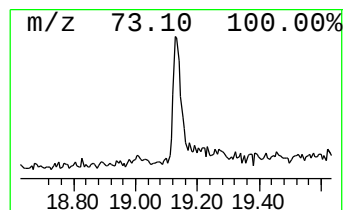
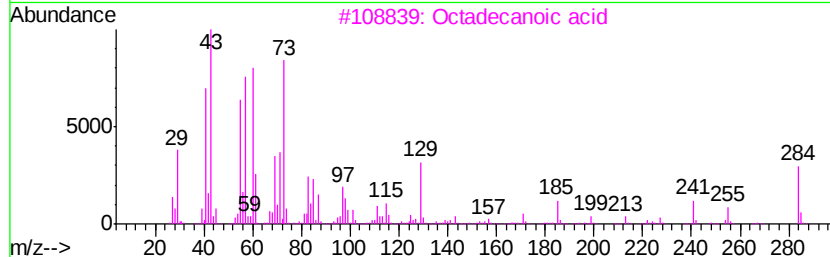
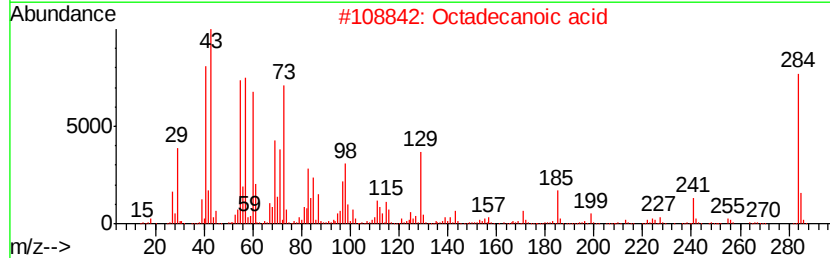
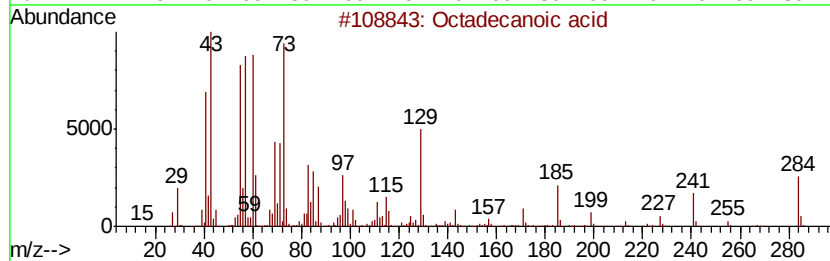
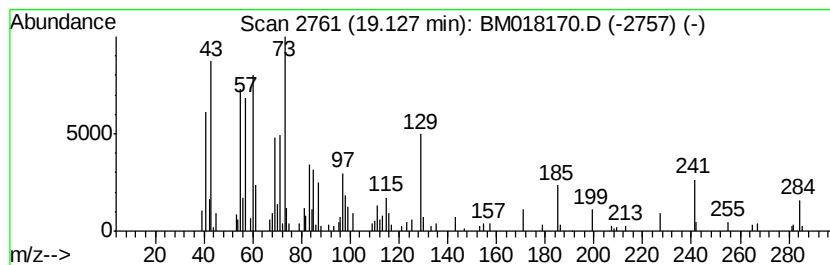
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.13	2.64 ng/ul	264109	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	93	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43	



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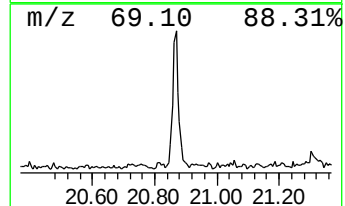
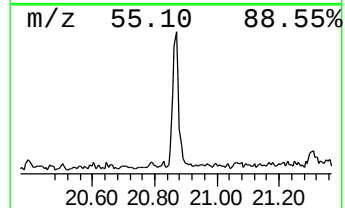
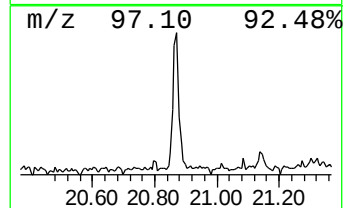
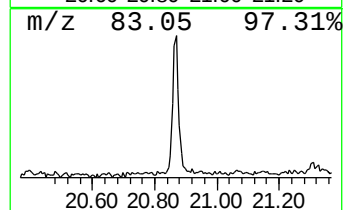
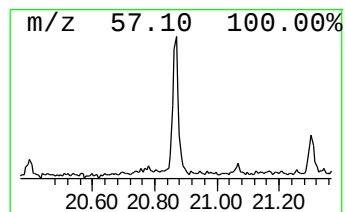
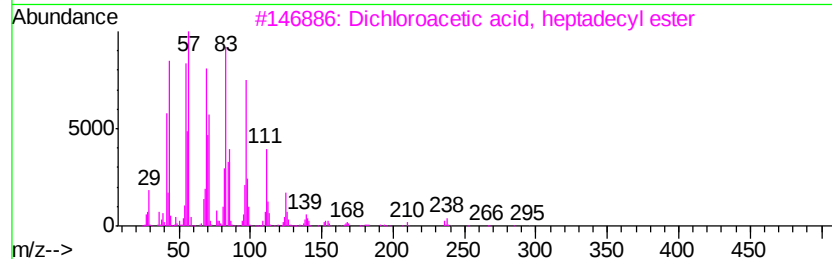
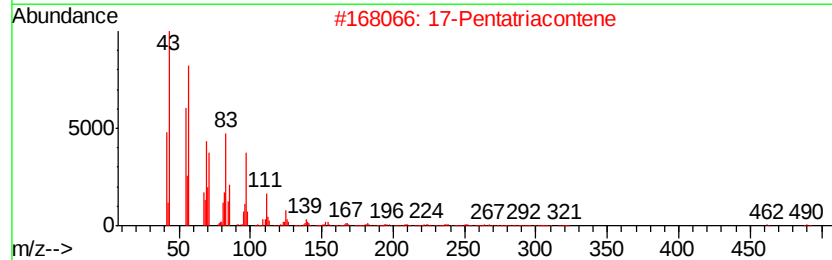
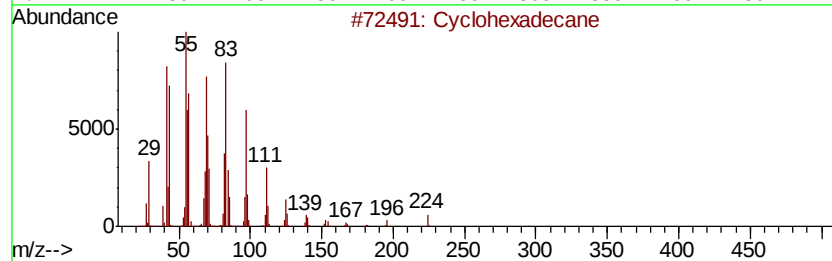
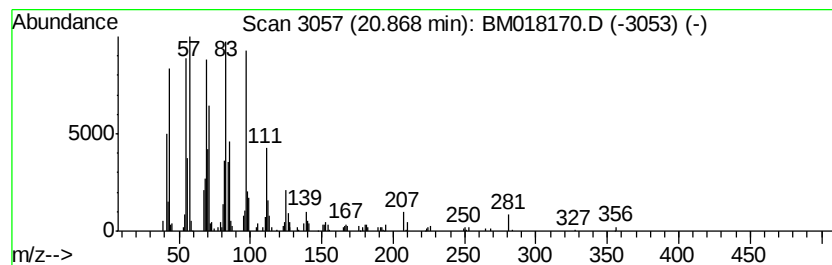
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.81 ng/ul	280342	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	93
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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Operator : JU/SJ
Sample : J6297-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E37

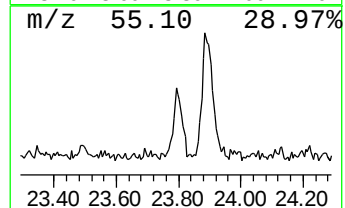
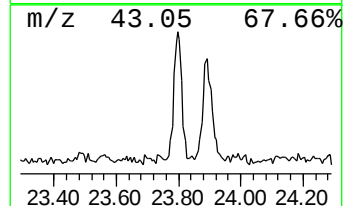
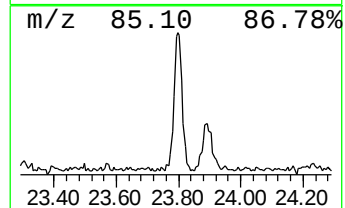
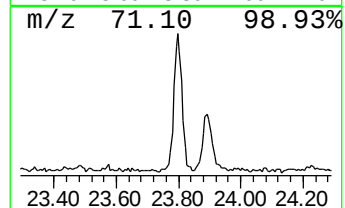
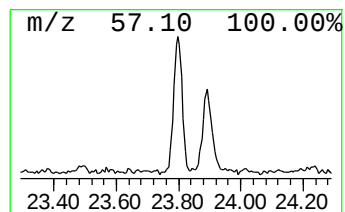
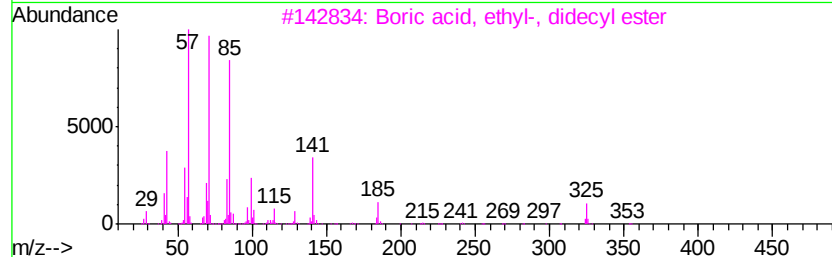
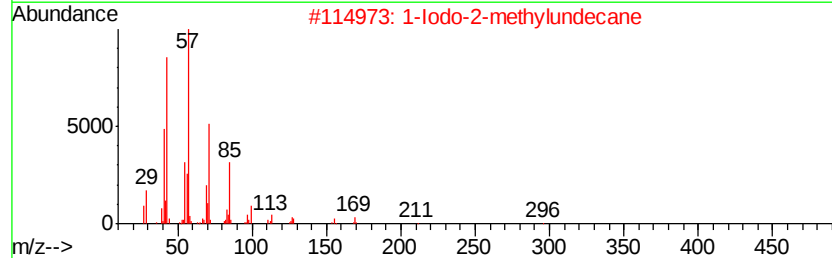
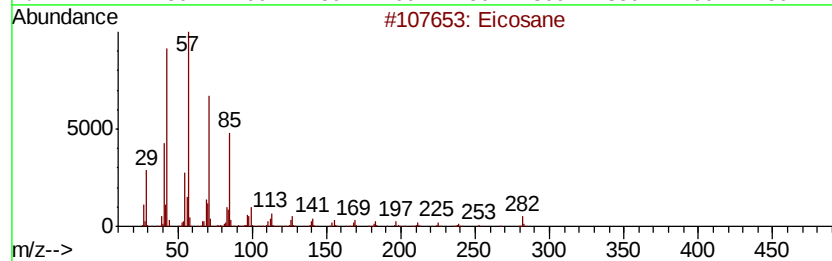
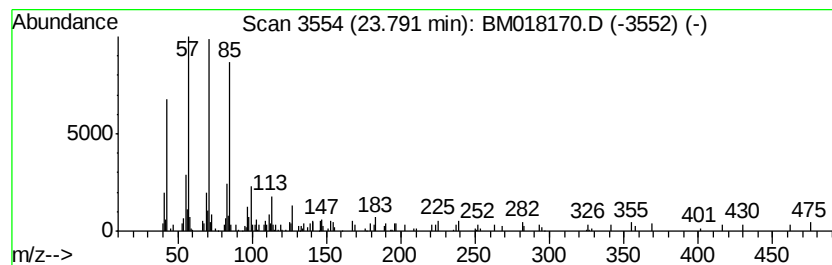
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.61 ng/ul	198389	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
3		Boric acid, ethyl-, didecyl ester	354	C22H47B02	1000152-34-4	80
4		Nonacosane	408	C29H60	000630-03-5	80
5		Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018170.D
Acq On : 14 Dec 2018 16:30
Operator : JU/SJ
Sample : J6297-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E37

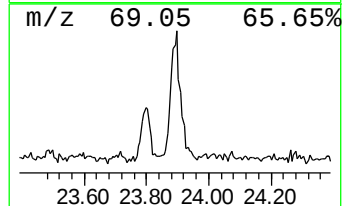
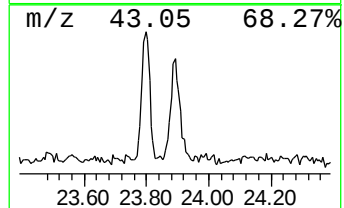
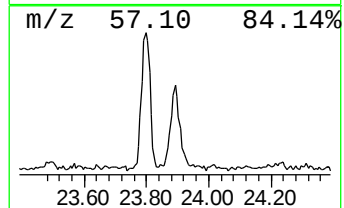
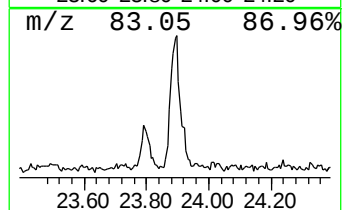
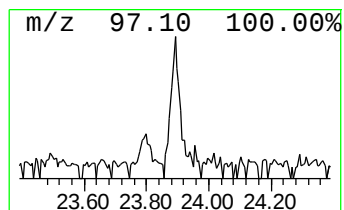
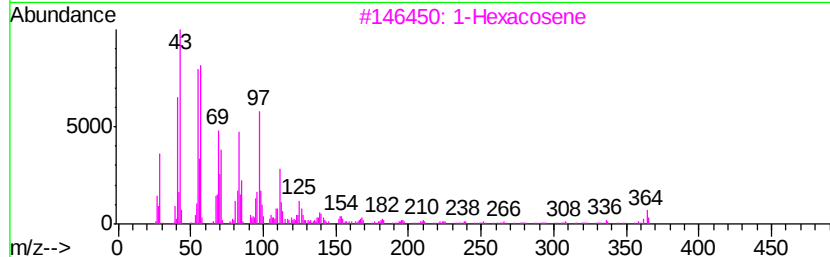
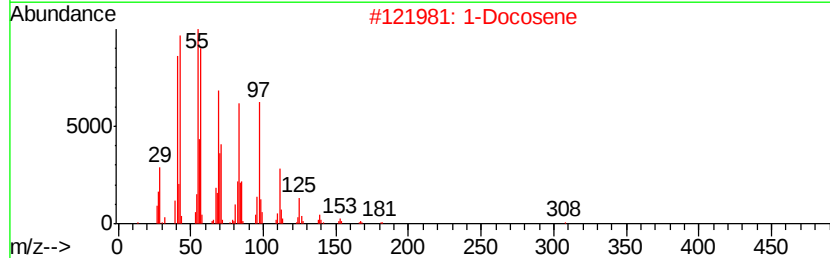
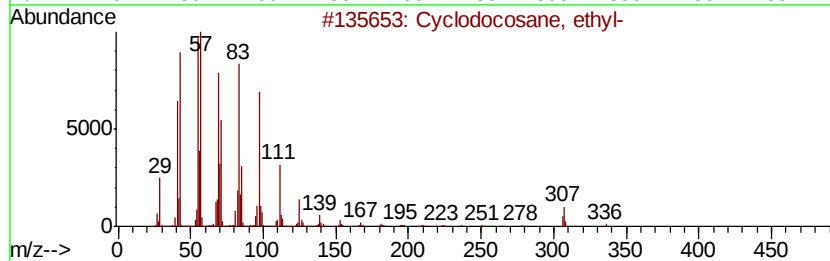
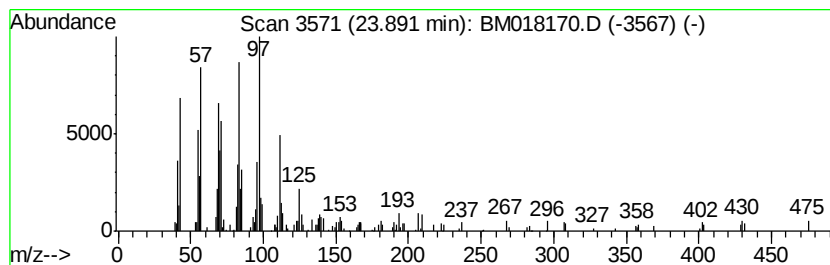
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.48 ng/ul	264683	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
2		1-Docosene	308	C22H44	001599-67-3	87
3		1-Hexacosene	364	C26H52	018835-33-1	86
4		1-Docosene	308	C22H44	001599-67-3	83
5		Cyclooctacosane	392	C28H56	000297-24-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018170.D
Acq On : 14 Dec 2018 16:30
Operator : JU/SJ
Sample : J6297-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

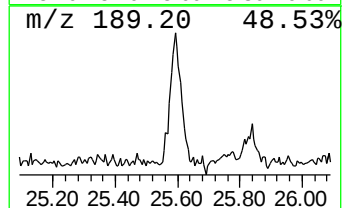
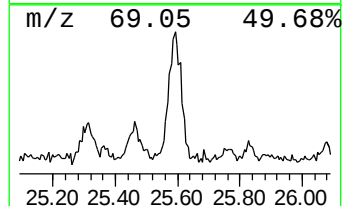
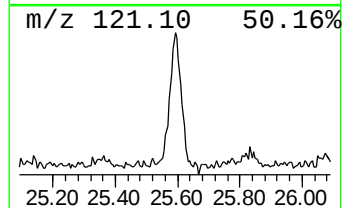
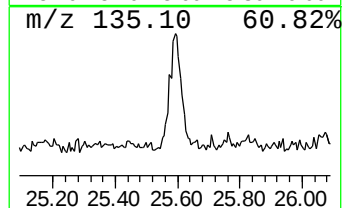
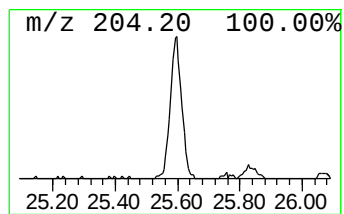
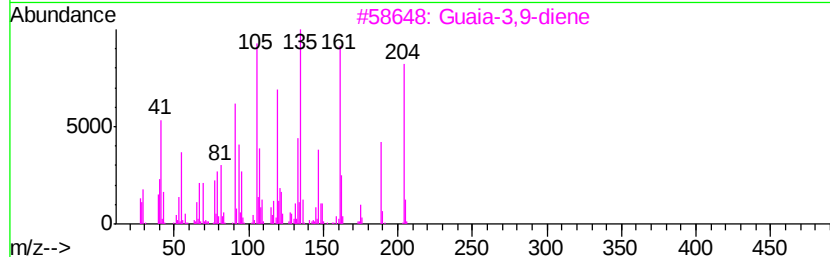
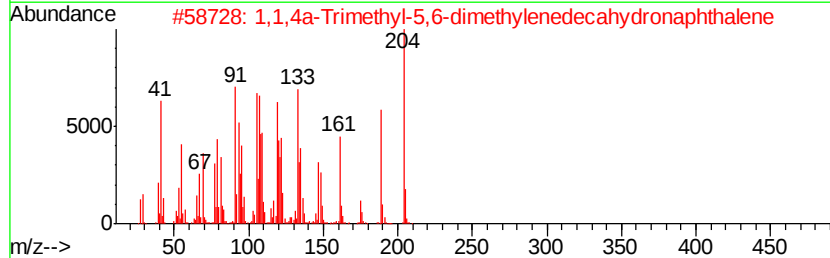
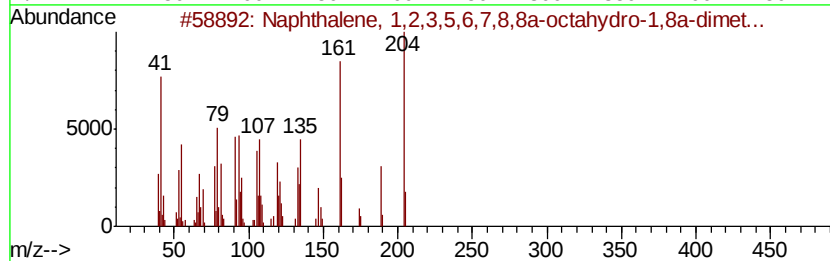
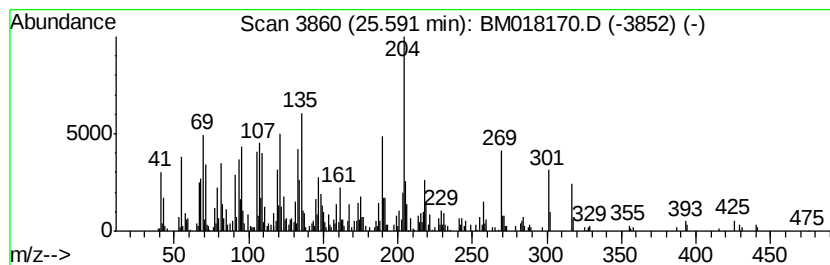
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	13.05 ng/ul	992695	Perylene-d12	23.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204 C15H24	004630-07-3	78
2	1,1,4a-Trimethyl-5,6-dimethylene...	204 C15H24	1000193-60-8	62
3	Guaia-3,9-diene	204 C15H24	000489-83-8	55
4	Naphthalene, decahydro-4a-methyl...	204 C15H24	017066-67-0	43
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H20O	124957-09-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018170.D
Acq On : 14 Dec 2018 16:30
Operator : JU/SJ
Sample : J6297-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E37

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	4.4	ng/ul	421928	4	16.92	1902740	20.0
Octadecanoic acid	19.13	2.6	ng/ul	264109	5	21.14	1998240	20.0
(DEL) Alkane: Cyc...	20.87	2.8	ng/ul	280342	5	21.14	1998240	20.0
(DEL) Alkane: Str...	23.79	2.6	ng/ul	198389	6	23.30	1521880	20.0
(DEL) Alkane: Cyc...	23.89	3.5	ng/ul	264683	6	23.30	1521880	20.0
Naphthalene, 1,2,...	25.59	13.1	ng/ul	992695	6	23.30	1521880	20.0