

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018176.D
 Acq On : 14 Dec 2018 20:09
 Operator : JU/SJ
 Sample : J6297-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F27

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	43	rBV	22932	29160	0.97%	0.081%
2	3.393	84	86	90	rBV3	3845	4543	0.15%	0.013%
3	3.599	118	121	126	rBV4	7778	11111	0.37%	0.031%
4	3.699	129	138	144	rVV2	13209	20022	0.67%	0.056%
5	3.799	150	155	158	rBV4	3390	5274	0.18%	0.015%
6	3.899	168	172	176	rBV2	7212	9636	0.32%	0.027%
7	4.675	298	304	306	rBV	12387	18986	0.63%	0.053%
8	4.699	306	308	312	rVB	10774	13288	0.44%	0.037%
9	5.940	515	519	523	rVB3	6186	8305	0.28%	0.023%
10	6.310	577	582	584	rBV	2205	3308	0.11%	0.009%
11	6.704	642	649	665	rBV2	406593	850878	28.28%	2.375%
12	6.863	669	676	687	rVV	341760	540784	17.97%	1.510%
13	7.046	700	707	719	rBV	475778	782707	26.01%	2.185%
14	7.122	719	720	725	rVB2	2926	3292	0.11%	0.009%
15	7.504	779	785	795	rBV	532241	844976	28.08%	2.359%
16	7.587	795	799	802	rVB4	3885	5727	0.19%	0.016%
17	8.222	901	907	922	rBV	543303	928536	30.86%	2.592%
18	8.663	974	982	993	rBV	422867	723399	24.04%	2.019%
19	9.045	1042	1047	1052	rVB2	16281	22336	0.74%	0.062%
20	9.375	1095	1103	1115	rBV	405336	688932	22.89%	1.923%
21	9.910	1187	1194	1222	rBV	570241	1052916	34.99%	2.939%
22	10.269	1248	1255	1264	rBV	774572	1289946	42.87%	3.601%
23	10.434	1276	1283	1300	rBV	408220	919417	30.55%	2.566%
24	11.904	1527	1533	1537	rBV	5524	11178	0.37%	0.031%
25	13.586	1812	1819	1824	rBV	1092572	1540841	51.20%	4.301%
26	13.633	1824	1827	1839	rVB	266345	369730	12.29%	1.032%
27	13.851	1857	1864	1875	rBV	1381003	1965523	65.32%	5.486%
28	14.074	1898	1902	1906	rVB3	2252	3562	0.12%	0.010%
29	14.163	1910	1917	1926	rVV2	1106634	1688718	56.12%	4.714%
30	14.222	1926	1927	1933	rVB2	2723	3910	0.13%	0.011%
31	14.410	1953	1959	1979	rBV	273962	636208	21.14%	1.776%
32	14.616	1990	1994	1995	rBV4	7854	9877	0.33%	0.028%
33	14.974	2052	2055	2059	rVB3	3901	5017	0.17%	0.014%
34	15.027	2059	2064	2067	rBV2	6667	9377	0.31%	0.026%

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35	15.169	2081	2088	2098	rBV	1681922	2415566	80.27%	6.743%
36	15.316	2107	2113	2125	rBV	425739	647095	21.50%	1.806%
37	15.410	2125	2129	2134	rVB2	19606	27075	0.90%	0.076%
38	15.898	2209	2212	2216	rVB2	3765	4603	0.15%	0.013%
39	16.292	2277	2279	2286	rVB4	2585	4367	0.15%	0.012%
40	16.357	2286	2290	2291	rBV2	3412	4516	0.15%	0.013%
41	16.480	2308	2311	2313	rBV3	4157	3612	0.12%	0.010%
42	16.710	2345	2350	2353	rBV3	5929	10444	0.35%	0.029%
43	16.851	2368	2374	2380	rBV5	5260	10240	0.34%	0.029%
44	16.921	2380	2386	2396	rBV2	1496948	2067779	68.72%	5.772%
45	17.021	2396	2403	2415	rVV	1899728	2632453	87.48%	7.348%
46	17.710	2516	2520	2521	rBV2	3816	3068	0.10%	0.009%
47	17.727	2521	2523	2526	rVB3	4210	4271	0.14%	0.012%
48	17.768	2526	2530	2536	rBV5	9266	15518	0.52%	0.043%
49	17.839	2536	2542	2558	rBV	367740	584036	19.41%	1.630%
50	18.039	2574	2576	2581	rVB6	3831	5521	0.18%	0.015%
51	18.115	2585	2589	2591	rVV3	3165	4885	0.16%	0.014%
52	18.139	2591	2593	2597	rVV4	4571	5708	0.19%	0.016%
53	18.598	2668	2671	2672	rBV3	3891	3595	0.12%	0.010%
54	18.686	2682	2686	2687	rBV3	3775	5632	0.19%	0.016%
55	18.709	2687	2690	2693	rVV4	6180	7891	0.26%	0.022%
56	18.768	2697	2700	2703	rBV3	3570	5635	0.19%	0.016%
57	18.980	2730	2736	2738	rBV2	29305	51997	1.73%	0.145%
58	19.004	2738	2740	2744	rVB4	20067	23318	0.77%	0.065%
59	19.086	2752	2754	2757	rVB4	4816	4211	0.14%	0.012%
60	19.133	2757	2762	2770	rBV	238403	374608	12.45%	1.046%
61	19.215	2773	2776	2780	rVB2	18811	26171	0.87%	0.073%
62	19.333	2790	2796	2804	rBV	2235881	3009183	100.00%	8.400%
63	19.392	2804	2806	2810	rVB5	14450	18049	0.60%	0.050%
64	19.651	2848	2850	2853	rBV3	5531	7767	0.26%	0.022%
65	19.874	2886	2888	2890	rBV2	7633	6205	0.21%	0.017%
66	19.898	2890	2892	2894	rVB2	12626	9597	0.32%	0.027%
67	19.921	2894	2896	2898	rBV3	6130	4540	0.15%	0.013%
68	20.221	2944	2947	2952	rBV4	44345	63062	2.10%	0.176%
69	20.398	2973	2977	2980	rBV5	22954	30411	1.01%	0.085%
70	20.862	3052	3056	3065	rBV	204068	260741	8.66%	0.728%
71	21.045	3085	3087	3089	rBV2	19186	14190	0.47%	0.040%

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72	21.139	3098	3103	3113	rBV	1801578	2195140	72.95%	6.127%
73	21.303	3128	3131	3135	rBV5	43588	59174	1.97%	0.165%
74	21.727	3199	3203	3206	rBV3	72657	108748	3.61%	0.304%
75	22.174	3277	3279	3282	rVB	102147	91724	3.05%	0.256%
76	22.656	3357	3361	3365	rVB	111290	147829	4.91%	0.413%
77	23.162	3441	3447	3457	rVB	1117404	2224090	73.91%	6.208%
78	23.297	3465	3470	3480	rVB	913265	1693323	56.27%	4.727%
79	23.791	3550	3554	3561	rVB3	139781	226999	7.54%	0.634%
80	25.591	3852	3860	3870	rVB2	653840	1679124	55.80%	4.687%

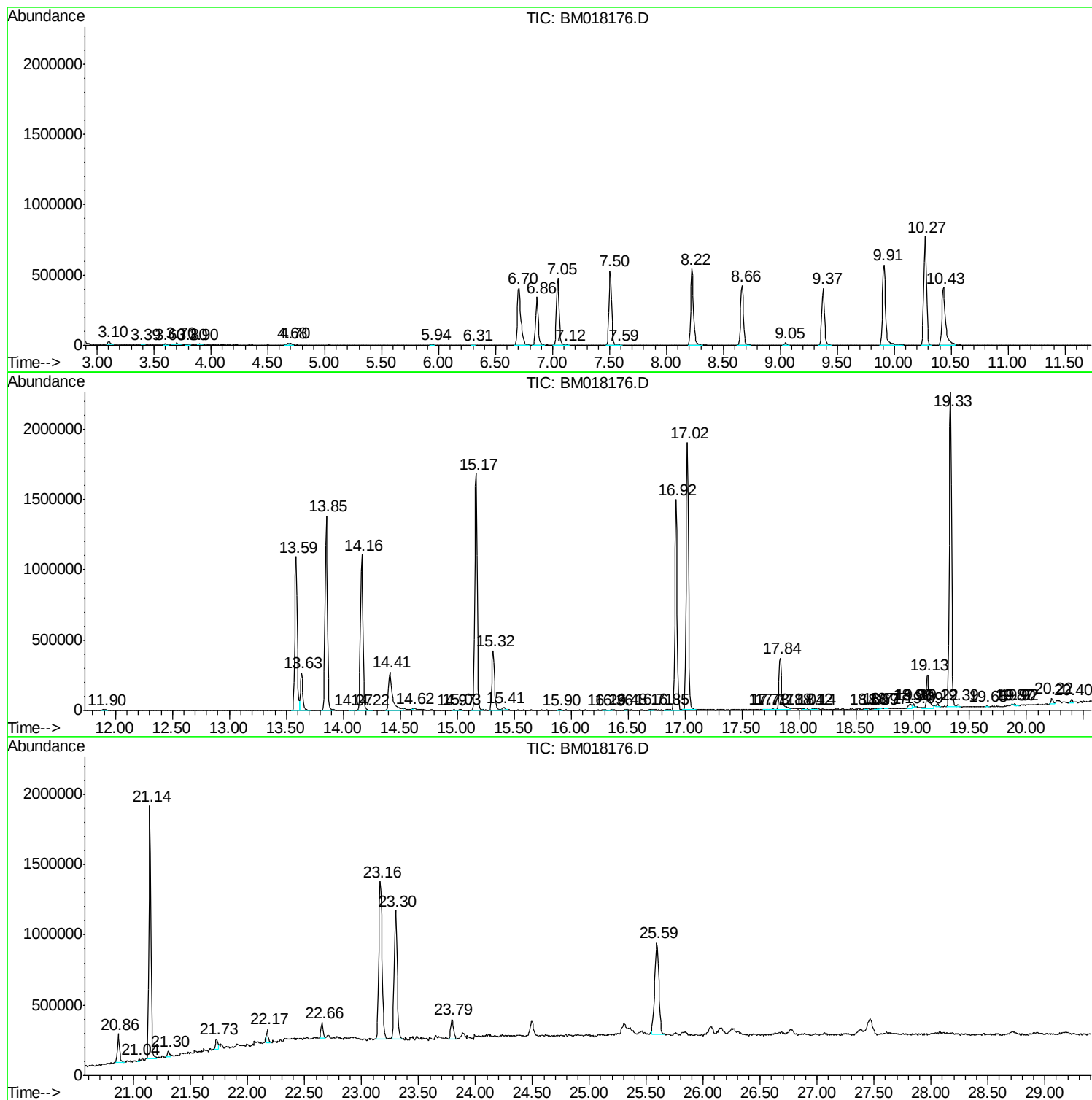
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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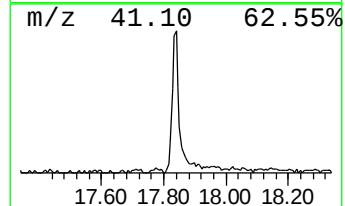
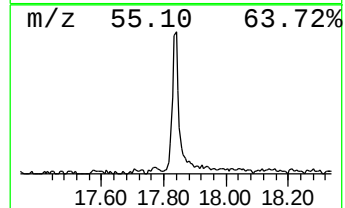
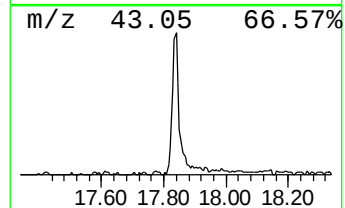
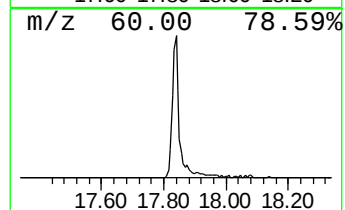
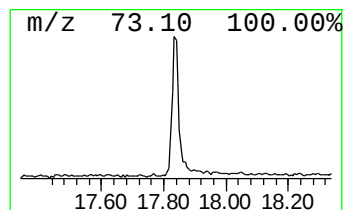
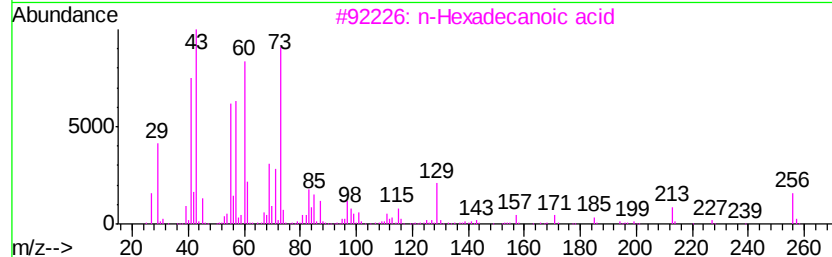
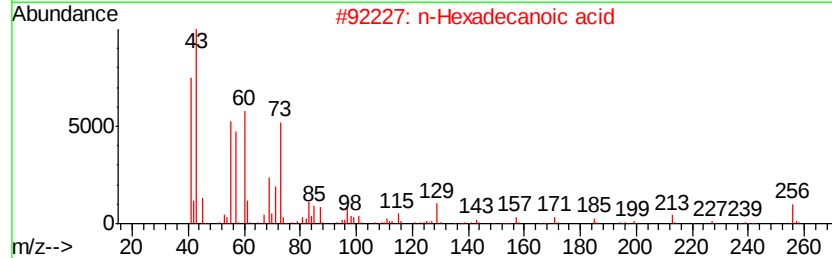
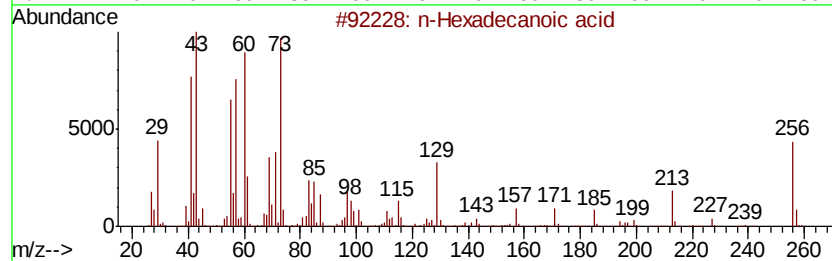
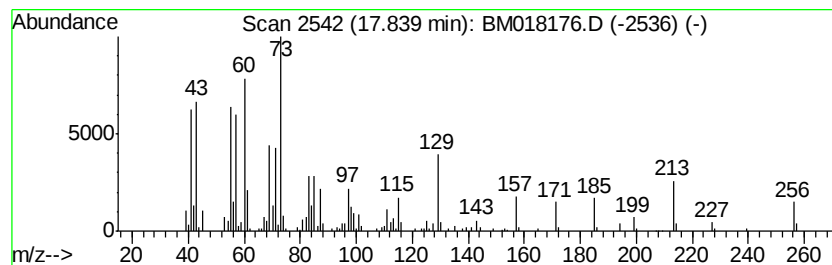
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	5.65 ng/ul	584036	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
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	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87	



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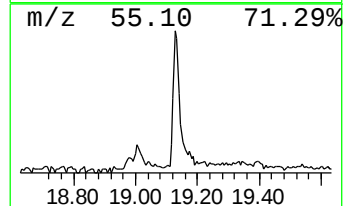
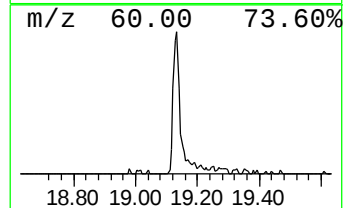
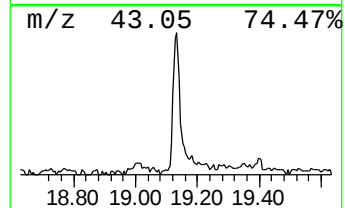
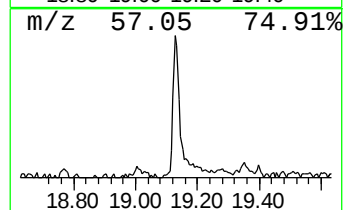
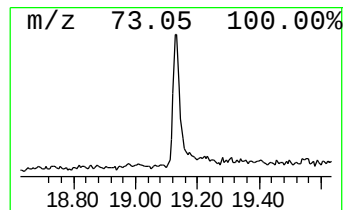
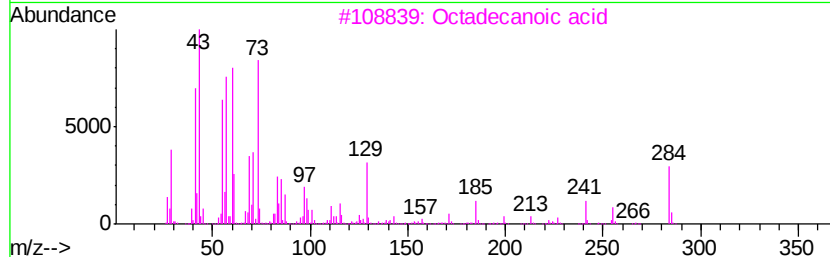
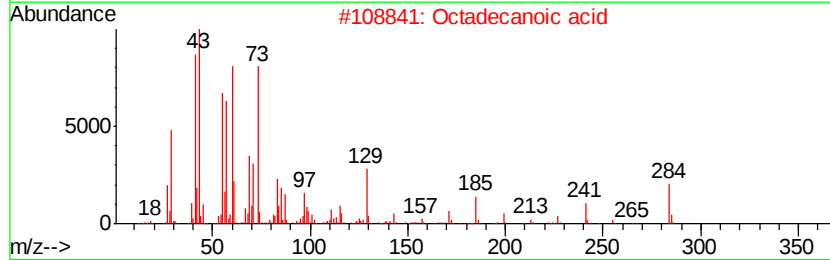
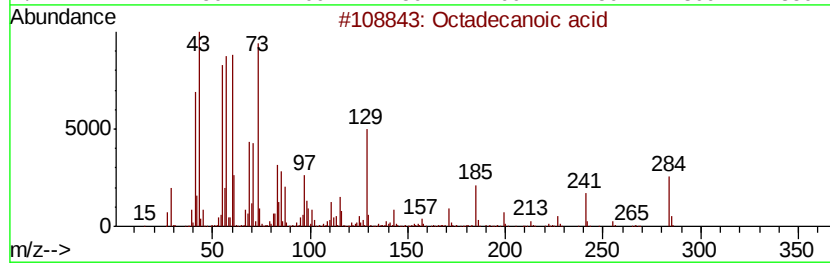
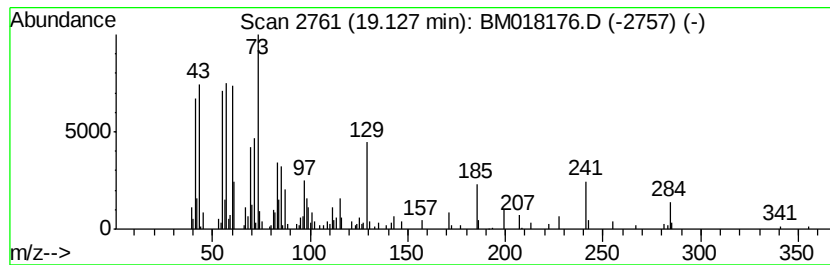
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.41 ng/ul	374608	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	78



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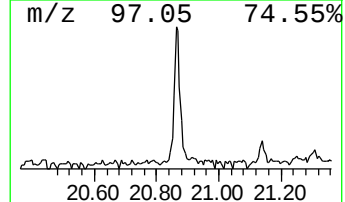
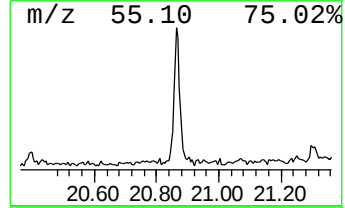
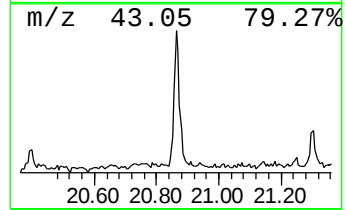
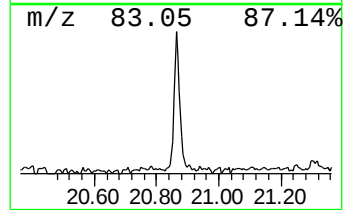
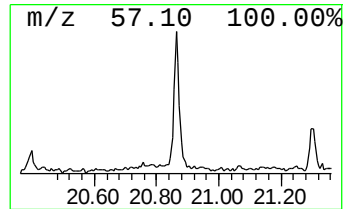
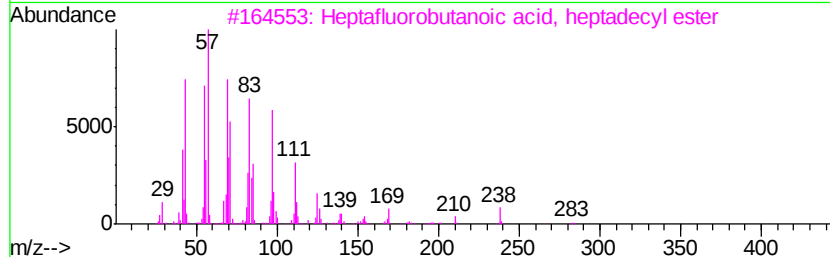
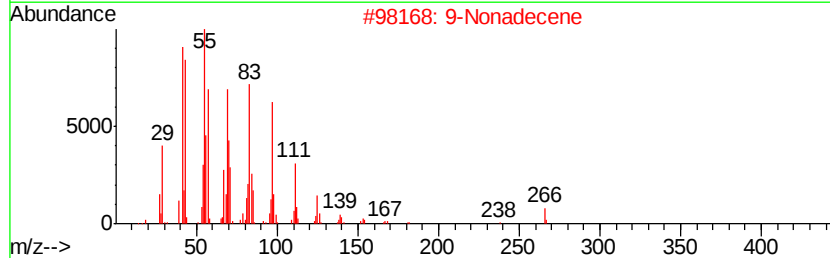
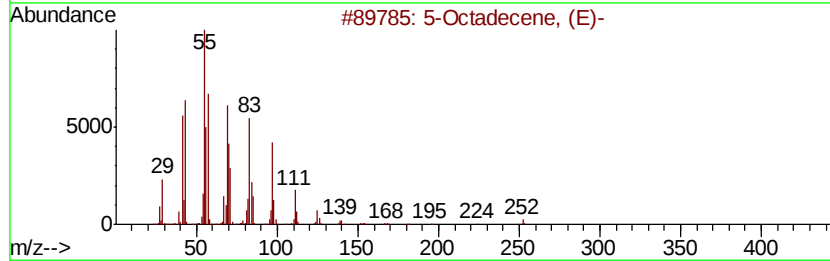
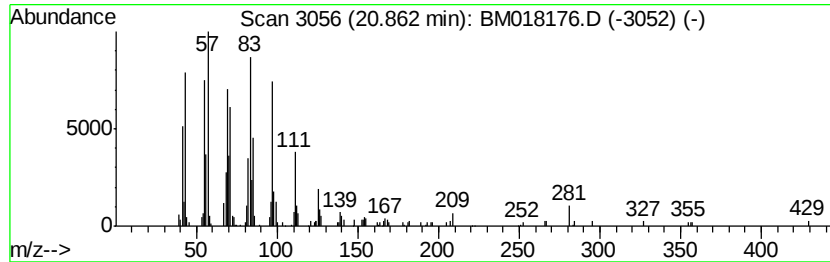
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.38 ng/ul	260741	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2		9-Nonadecene	266	C19H38	031035-07-1	93
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90



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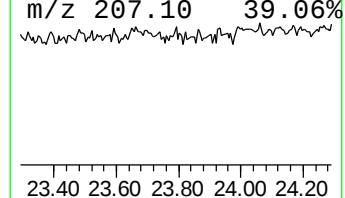
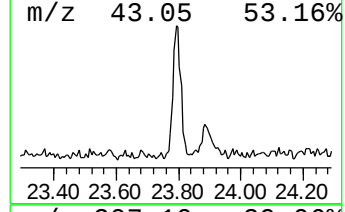
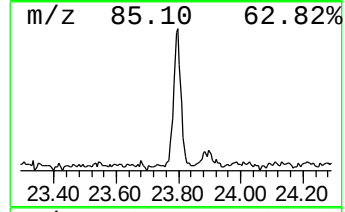
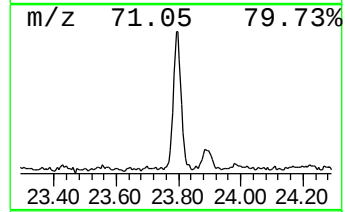
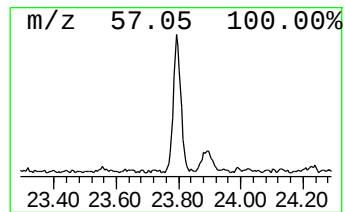
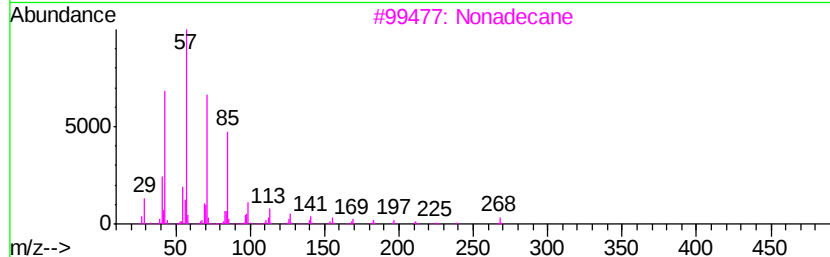
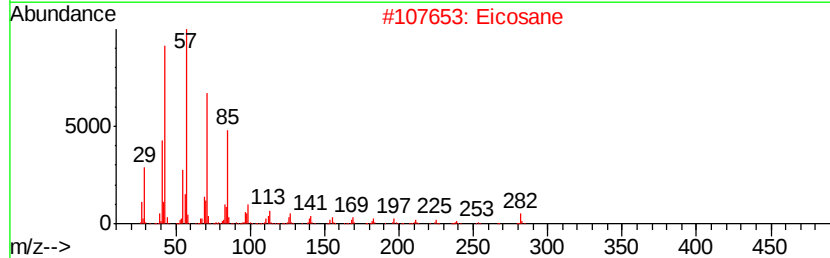
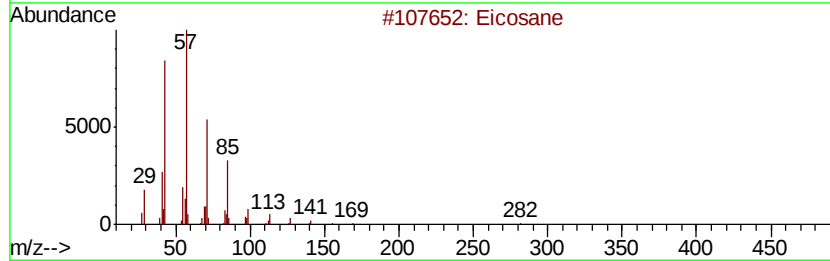
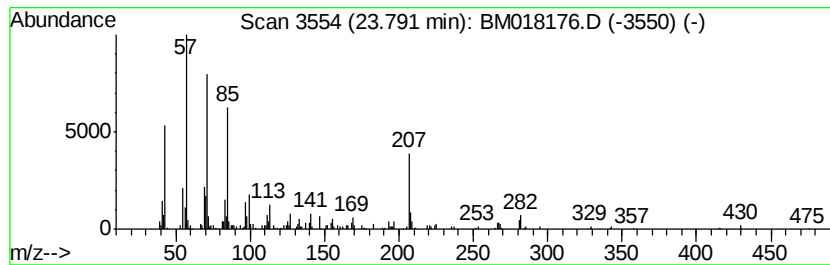
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.68 ng/ul	226999	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	70
4		Nonadecane	268	C19H40	000629-92-5	70
5		Triacontane	422	C30H62	000638-68-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018176.D
Acq On : 14 Dec 2018 20:09
Operator : JU/SJ
Sample : J6297-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F27

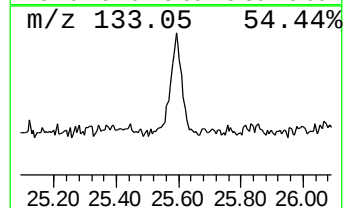
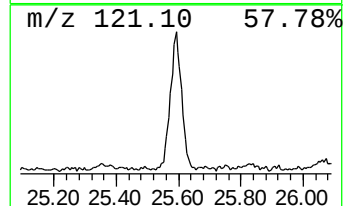
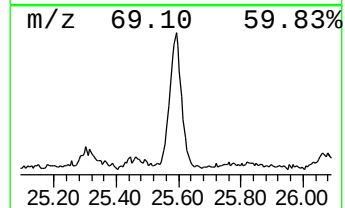
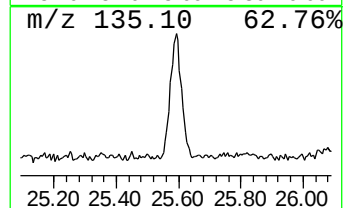
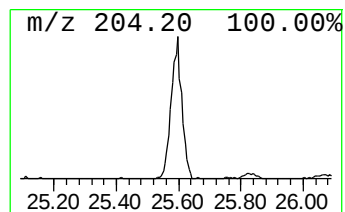
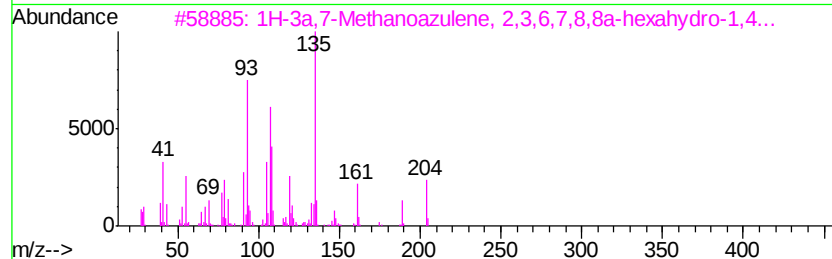
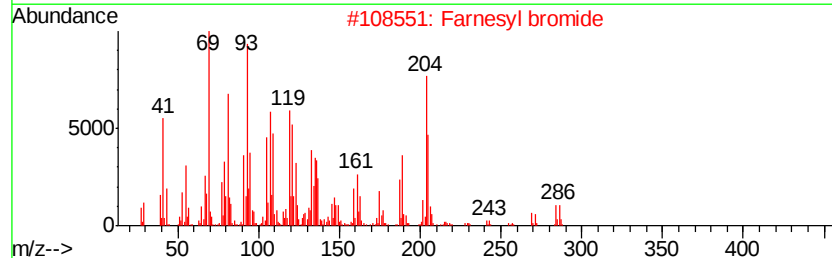
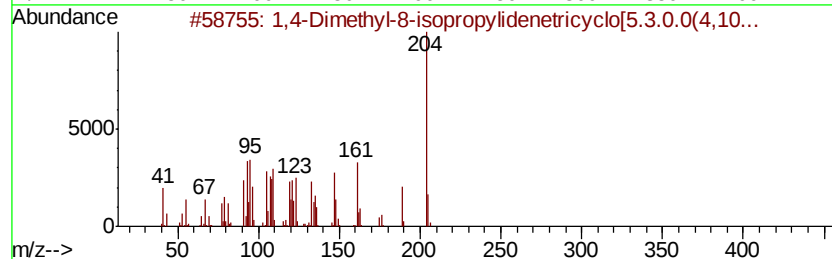
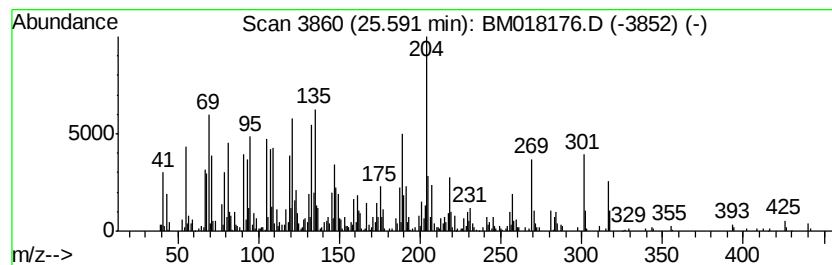
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	19.83 ng/ul	1679120	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
2		Farnesyl bromide	284	C15H25Br	006874-67-5	43
3		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	38
4		Guaia-3,9-diene	204	C15H24	000489-83-8	38
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018176.D
Acq On : 14 Dec 2018 20:09
Operator : JU/SJ
Sample : J6297-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F27

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	5.7	ng/ul	584036	4	16.92	2067780	20.0
Octadecanoic acid	19.13	3.4	ng/ul	374608	5	21.14	2195140	20.0
(DEL) Alkane: Cyc...	20.86	2.4	ng/ul	260741	5	21.14	2195140	20.0
(DEL) Alkane: Str...	23.79	2.7	ng/ul	226999	6	23.30	1693320	20.0
unknown-01	25.59	19.8	ng/ul	1679120	6	23.30	1693320	20.0