

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018139.D
 Acq On : 13 Dec 2018 21:18
 Operator : JU/SJ
 Sample : J6271-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E31

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	3.104	34	37	44	rVB	16509	24295	0.74%	0.073%
2	3.363	79	81	86	rVB2	3463	3792	0.11%	0.011%
3	3.710	135	140	144	rVB3	3434	6038	0.18%	0.018%
4	3.904	169	173	176	rBV3	5082	6234	0.19%	0.019%
5	4.681	300	305	310	rBV2	3714	6419	0.19%	0.019%
6	5.940	515	519	525	rVB3	2945	5073	0.15%	0.015%
7	6.704	643	649	665	rBV2	284413	590128	17.88%	1.784%
8	6.863	670	676	686	rBV	255596	399457	12.11%	1.207%
9	7.045	701	707	721	rVV	342248	584504	17.71%	1.767%
10	7.510	779	786	794	rBV	418932	664961	20.15%	2.010%
11	8.228	902	908	922	rBV	370468	665322	20.16%	2.011%
12	8.669	972	983	997	rBV	299551	529826	16.06%	1.601%
13	9.051	1041	1048	1051	rBV	7034	10616	0.32%	0.032%
14	9.380	1095	1104	1121	rBV	257011	450713	13.66%	1.362%
15	9.916	1188	1195	1209	rBV	265349	626678	18.99%	1.894%
16	10.275	1249	1256	1266	rBV	596859	1001926	30.36%	3.028%
17	10.475	1283	1290	1296	rBV3	17392	45044	1.37%	0.136%
18	11.916	1529	1535	1538	rBV2	3287	5704	0.17%	0.017%
19	13.392	1783	1786	1790	rVB2	10519	12838	0.39%	0.039%
20	13.468	1794	1799	1804	rBV2	21414	28504	0.86%	0.086%
21	13.586	1812	1819	1824	rBV	751213	1129876	34.24%	3.415%
22	13.639	1824	1828	1837	rVB	217178	333949	10.12%	1.009%
23	13.857	1858	1865	1881	rBV	923435	1387975	42.06%	4.195%
24	14.004	1885	1890	1895	rVB	108931	144234	4.37%	0.436%
25	14.074	1898	1902	1906	rVB3	5904	8530	0.26%	0.026%
26	14.168	1911	1918	1927	rBV2	967462	1444480	43.78%	4.366%
27	14.268	1931	1935	1938	rVB2	8487	11607	0.35%	0.035%
28	14.415	1954	1960	1984	rBV	181704	464669	14.08%	1.404%
29	14.639	1993	1998	2005	rVB5	11114	22646	0.69%	0.068%
30	15.033	2060	2065	2073	rVB3	5280	7199	0.22%	0.022%
31	15.168	2081	2088	2102	rBV	1266053	1863357	56.47%	5.632%
32	15.321	2109	2114	2125	rBV	369577	570919	17.30%	1.726%
33	15.410	2125	2129	2133	rVB3	13736	18971	0.57%	0.057%
34	15.898	2209	2212	2219	rVV3	4065	7763	0.24%	0.023%

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35	15.962	2219	2223	2226	rVB3	2982	3827	0.12%	0.012%
36	16.309	2278	2282	2285	rVB3	4264	5182	0.16%	0.016%
37	16.374	2289	2293	2294	rBV2	2445	3438	0.10%	0.010%
38	16.715	2345	2351	2353	rBV3	4873	8154	0.25%	0.025%
39	16.927	2381	2387	2397	rVV	1354568	1844184	55.89%	5.574%
40	17.027	2397	2404	2419	rVV	1458458	2068445	62.68%	6.252%
41	17.433	2471	2473	2476	rBV	4340	3364	0.10%	0.010%
42	17.703	2516	2519	2521	rBV3	3715	4496	0.14%	0.014%
43	17.845	2537	2543	2561	rBV	448131	703873	21.33%	2.127%
44	17.962	2561	2563	2565	rVB3	4262	4396	0.13%	0.013%
45	18.068	2579	2581	2587	rVB6	3851	6292	0.19%	0.019%
46	18.133	2587	2592	2597	rBV6	4562	10292	0.31%	0.031%
47	18.174	2597	2599	2604	rVB5	2262	3449	0.10%	0.010%
48	18.262	2610	2614	2616	rBV4	4224	6091	0.18%	0.018%
49	18.303	2620	2621	2624	rVV3	4669	3497	0.11%	0.011%
50	18.333	2624	2626	2629	rVB4	3751	4107	0.12%	0.012%
51	18.521	2655	2658	2662	rVV5	3299	5332	0.16%	0.016%
52	18.656	2678	2681	2682	rBV2	7613	7243	0.22%	0.022%
53	18.674	2682	2684	2686	rVV3	3584	3522	0.11%	0.011%
54	18.768	2698	2700	2702	rVV3	6361	5297	0.16%	0.016%
55	18.798	2702	2705	2708	rVB4	7422	8633	0.26%	0.026%
56	18.933	2726	2728	2730	rBV3	3512	3484	0.11%	0.011%
57	18.986	2731	2737	2739	rVV3	19601	36788	1.11%	0.111%
58	19.009	2739	2741	2748	rVB8	22919	41564	1.26%	0.126%
59	19.133	2758	2762	2772	rBV	228425	334896	10.15%	1.012%
60	19.221	2774	2777	2781	rVB	14308	19942	0.60%	0.060%
61	19.339	2790	2797	2805	rBV	1763149	2544053	77.10%	7.689%
62	19.398	2805	2807	2813	rVB5	18567	23365	0.71%	0.071%
63	19.880	2884	2889	2891	rBV6	25105	34046	1.03%	0.103%
64	20.162	2935	2937	2939	rBV2	8487	6784	0.21%	0.021%
65	20.868	3053	3057	3063	rBV	743565	947517	28.71%	2.864%
66	21.144	3099	3104	3113	rBV	1887251	2563975	77.70%	7.749%
67	21.756	3206	3208	3216	rVB4	98628	129628	3.93%	0.392%
68	23.174	3442	3449	3462	rBV	1774728	3299759	100.00%	9.973%
69	23.309	3466	3472	3485	rVB2	1551738	2849066	86.34%	8.611%
70	23.903	3568	3573	3581	rVB	205821	431216	13.07%	1.303%
71	25.609	3855	3863	3872	rVB4	762862	2023019	61.31%	6.114%

LSC Area Percent Report

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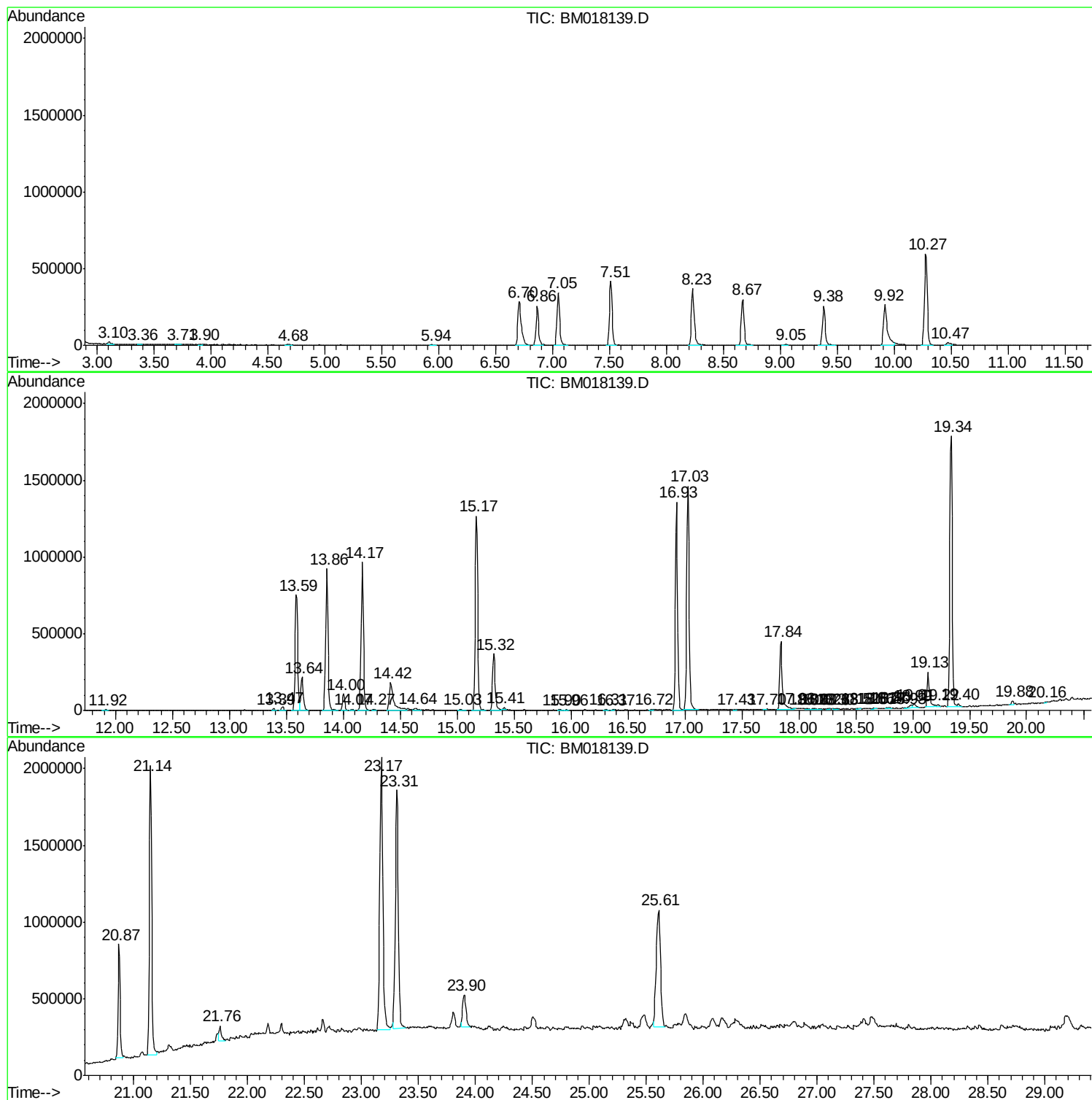
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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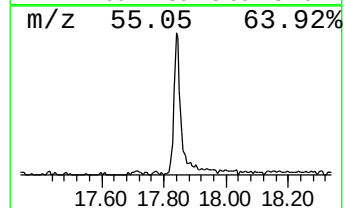
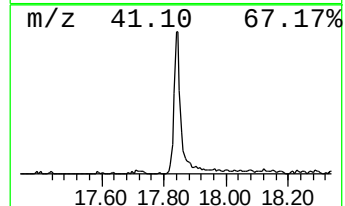
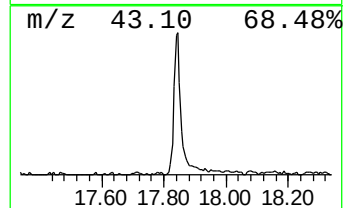
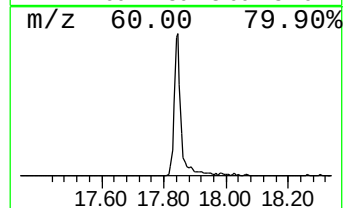
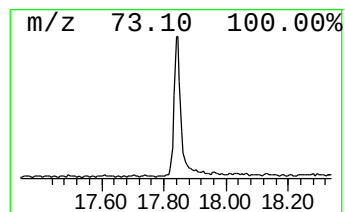
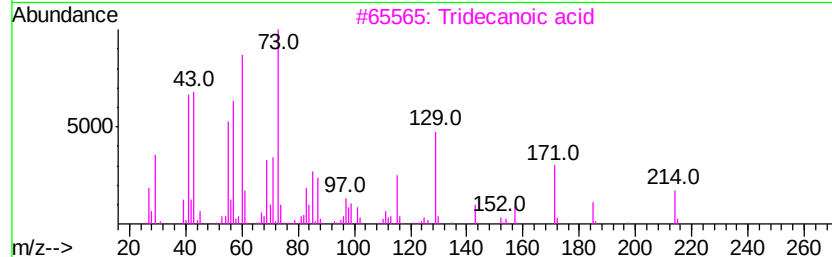
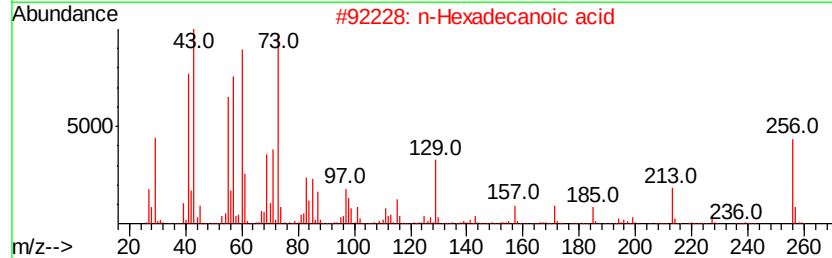
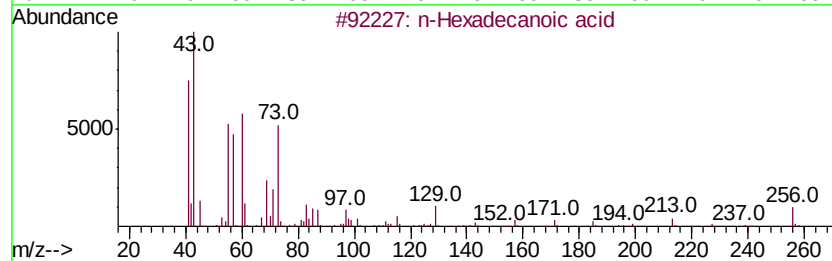
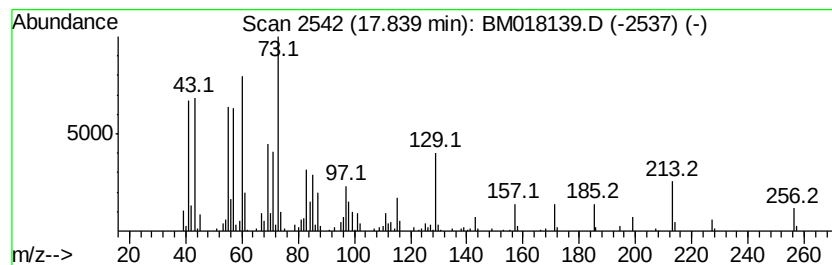
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Quant Title : SVOA CALIBRATION

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	7.63 ng/ul	703873	Phenanthrene-d10		16.93	
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		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



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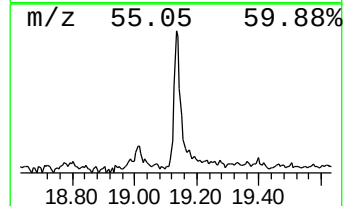
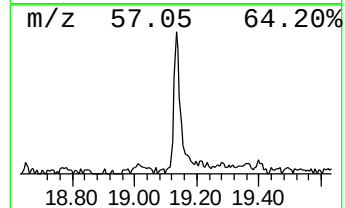
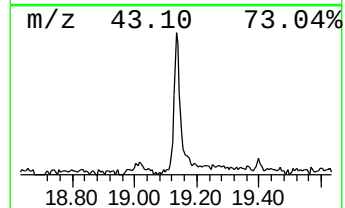
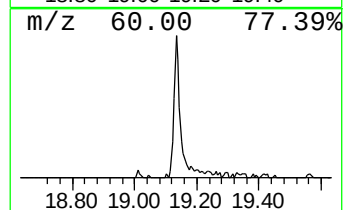
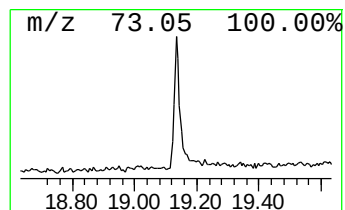
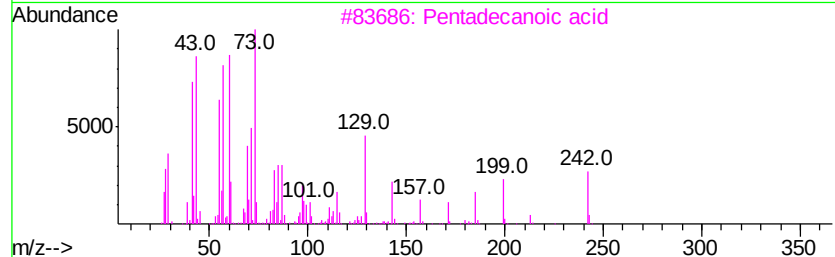
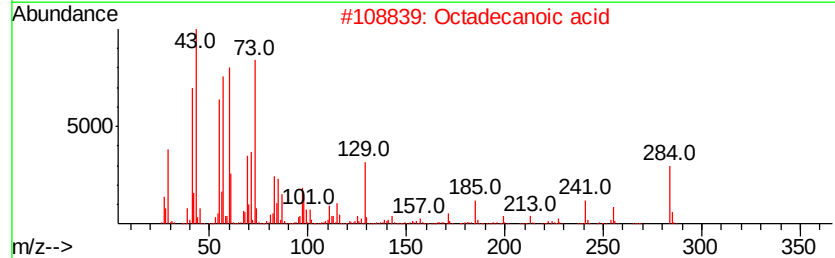
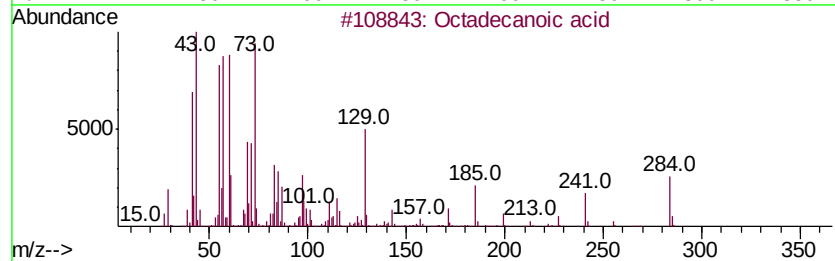
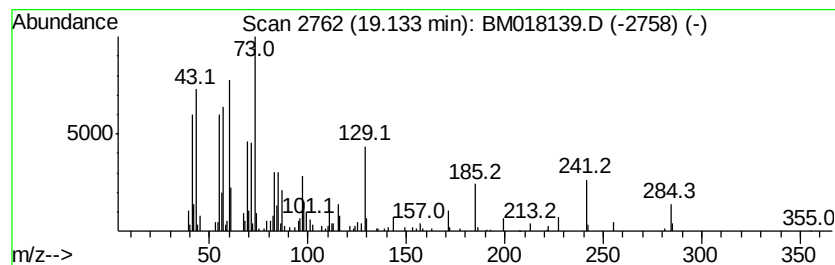
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.13	2.61 ng/ul	334896	Chrysene-d12		21.14	
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	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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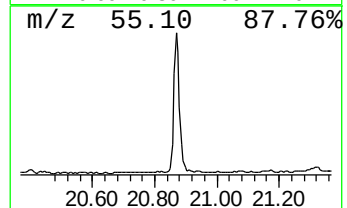
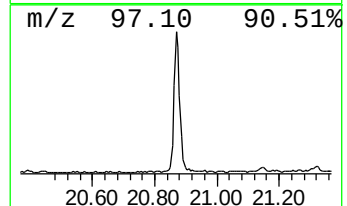
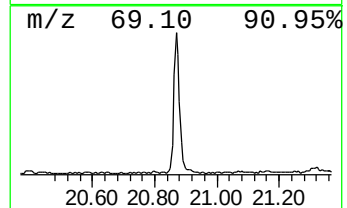
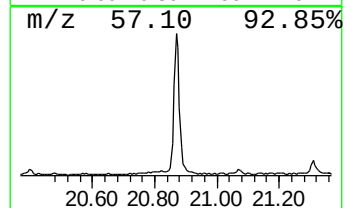
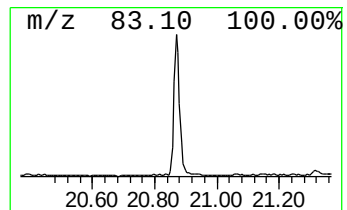
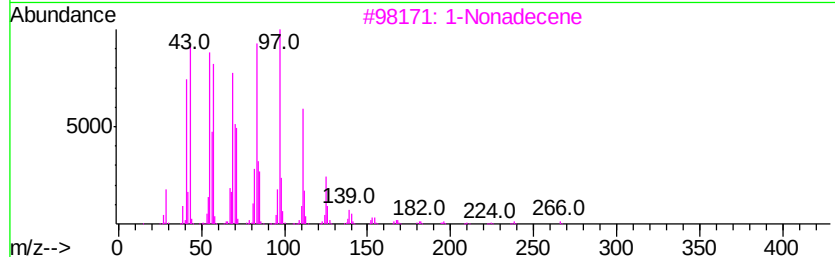
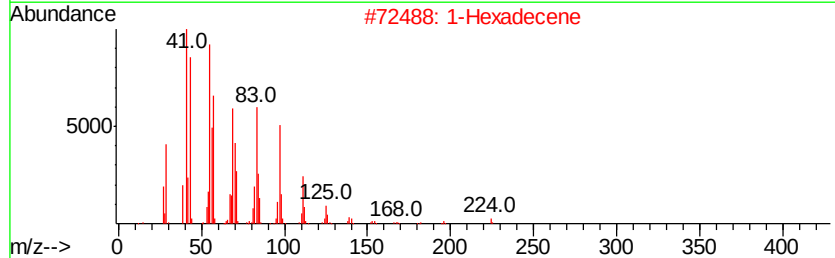
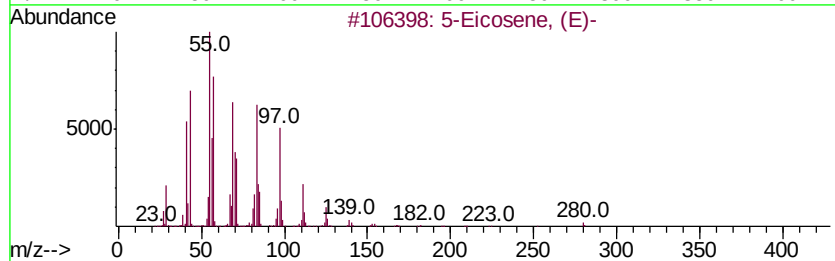
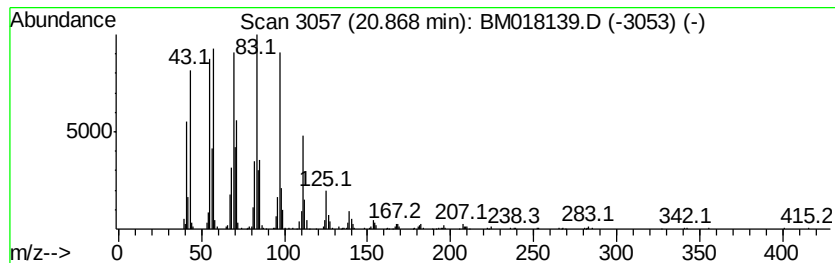
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.39 ng/ul	947517	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Hexadecene	224	C16H32	000629-73-2	95
3		1-Nonadecene	266	C19H38	018435-45-5	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	93



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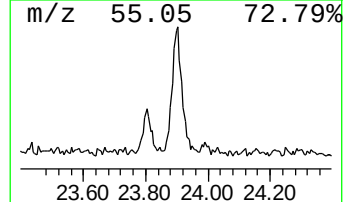
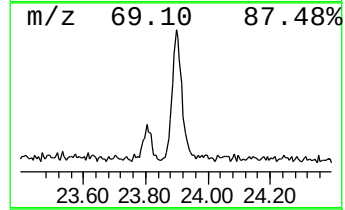
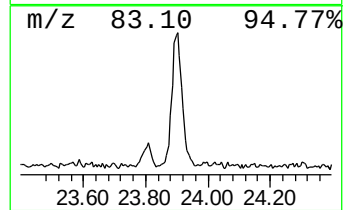
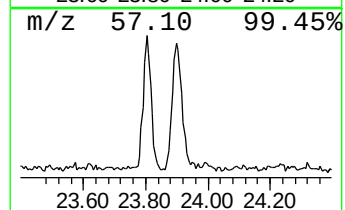
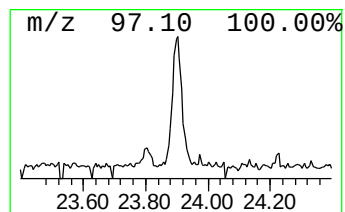
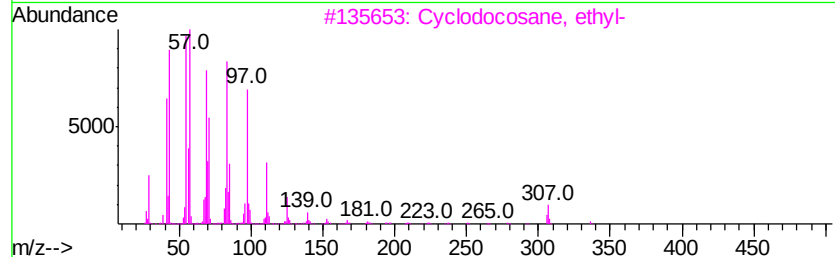
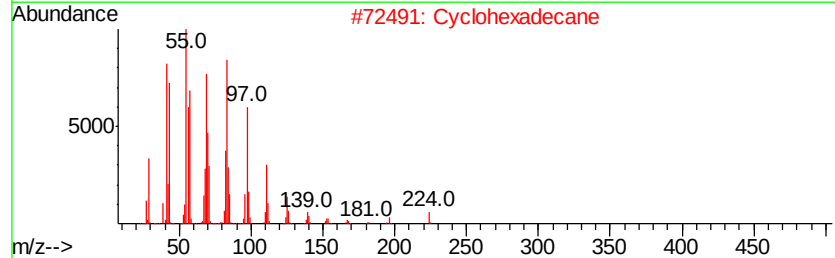
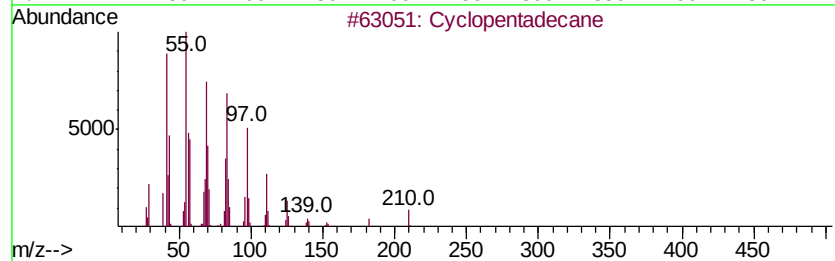
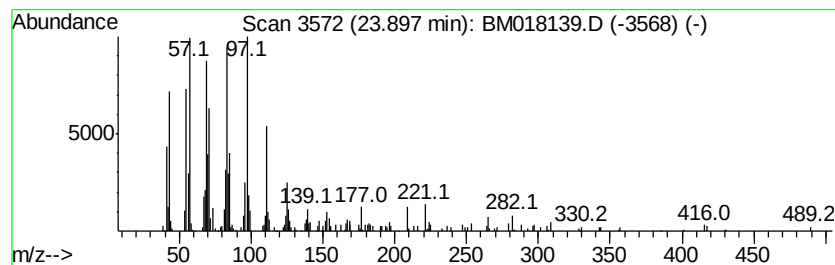
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic23.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.03 ng/ul	431216	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		Cyclohexadecane	224	C16H32	000295-65-8	95
3		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018139.D
Acq On : 13 Dec 2018 21:18
Operator : JU/SJ
Sample : J6271-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

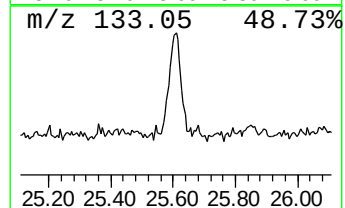
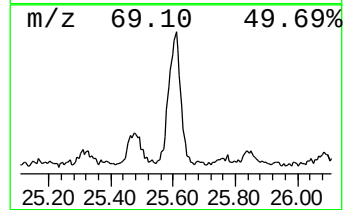
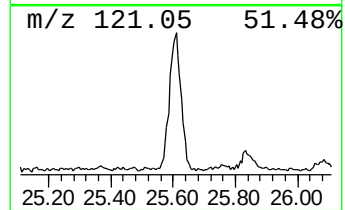
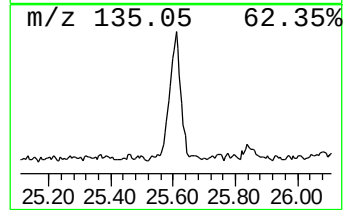
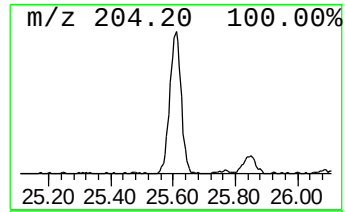
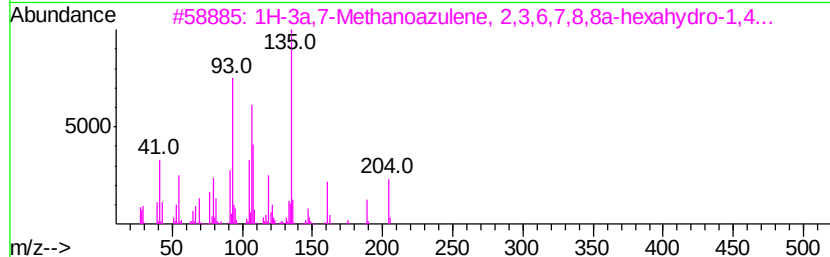
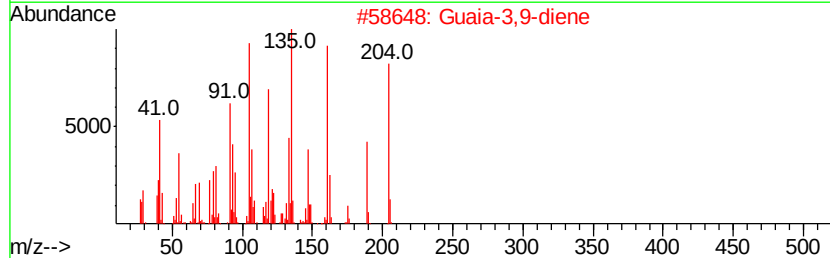
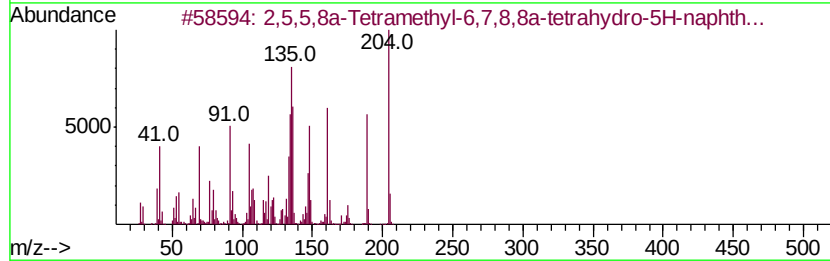
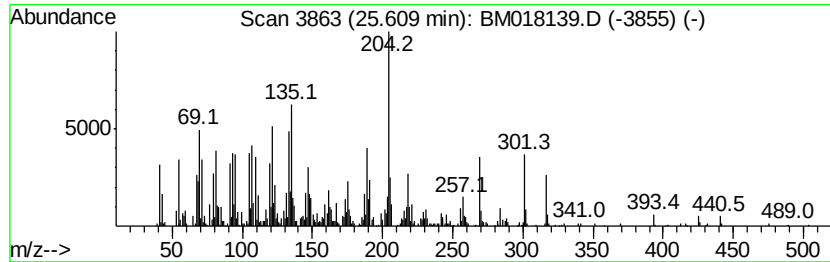
Instrument :
BNA_M
ClientSampled :
F9E31

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 5 2,5,5,8a-Tetramethyl-6,7,8,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
25.61	14.20 ng/ul	2023020	Perylene-d12	23.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200		124957-09-1	53
2	Guaia-3,9-diene	204	C15H24		000489-83-8	50
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24		000560-32-7	46
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24		1000140-07-7	45
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24		000489-40-7	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018139.D
Acq On : 13 Dec 2018 21:18
Operator : JU/SJ
Sample : J6271-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E31

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	7.6	ng/ul	703873	4	16.93	1844180	20.0
Octadecanoic acid	19.13	2.6	ng/ul	334896	5	21.14	2563980	20.0
(DEL) Alkane: Cyc...	20.87	7.4	ng/ul	947517	5	21.14	2563980	20.0
(DEL) Alkane: Cyc...	23.90	3.0	ng/ul	431216	6	23.31	2849070	20.0
2,5,5,8a-Tetramet...	25.61	14.2	ng/ul	2023020	6	23.31	2849070	20.0