

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000468.D
 Acq On : 19 Mar 2018 23:50
 Operator : JU/SJ
 Sample : J1933-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC5

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.590	22	26	38	rVB	73613	106378	1.95%	0.136%
2	3.902	74	79	85	rBV2	24865	41897	0.77%	0.054%
3	5.413	329	336	341	rVB2	15483	24271	0.45%	0.031%
4	5.749	388	393	399	rBV2	8236	14138	0.26%	0.018%
5	6.425	503	508	517	rBV	58940	92326	1.69%	0.118%
6	6.572	529	533	539	rVB4	6671	13372	0.25%	0.017%
7	7.354	662	666	675	rBV3	12268	25314	0.46%	0.032%
8	7.554	692	700	715	rBV	1119881	2027858	37.21%	2.601%
9	7.725	721	729	740	rBV	1065973	1681548	30.85%	2.156%
10	7.819	740	745	752	rVB	6612	12141	0.22%	0.016%
11	7.937	755	765	773	rBV	1188373	1978915	36.31%	2.538%
12	8.419	839	847	862	rBV	1203556	1964233	36.04%	2.519%
13	9.119	959	966	976	rBV	1217843	2036583	37.37%	2.612%
14	9.601	1039	1048	1056	rBV	1151577	1960890	35.98%	2.515%
15	9.672	1056	1060	1069	rVV2	33875	66798	1.23%	0.086%
16	9.954	1103	1108	1116	rBV	29083	44095	0.81%	0.057%
17	10.331	1163	1172	1182	rBV	944533	1618526	29.70%	2.076%
18	10.866	1255	1263	1279	rBV	1425414	2464008	45.21%	3.160%
19	11.260	1322	1330	1343	rVB	1681676	2854297	52.37%	3.660%
20	11.384	1343	1351	1364	rBV	1359190	2323707	42.64%	2.980%
21	12.689	1569	1573	1578	rBV2	9402	15483	0.28%	0.020%
22	12.819	1589	1595	1600	rVB	28988	41131	0.75%	0.053%
23	13.401	1688	1694	1704	rVB5	8542	21992	0.40%	0.028%
24	13.548	1714	1719	1724	rVV2	7943	12801	0.23%	0.016%
25	13.631	1728	1733	1739	rVB	13834	21091	0.39%	0.027%
26	13.830	1761	1767	1773	rBV	63056	89382	1.64%	0.115%
27	13.901	1775	1779	1787	rVV3	12236	21710	0.40%	0.028%
28	14.230	1829	1835	1840	rBV3	16581	27308	0.50%	0.035%
29	14.354	1851	1856	1859	rBV3	9874	15219	0.28%	0.020%
30	14.425	1859	1868	1872	rVV	2519637	3529273	64.76%	4.526%
31	14.472	1872	1876	1882	rVV	792251	1086115	19.93%	1.393%
32	14.519	1882	1884	1892	rVB2	21518	31305	0.57%	0.040%
33	14.595	1893	1897	1901	rBV2	16081	20468	0.38%	0.026%
34	14.672	1901	1910	1914	rBV8	12764	38225	0.70%	0.049%

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 Title : SVOA CALIBRATION

35	14.736	1914	1921	1933	rVB	2952310	4517323	82.89%	5.793%
36	14.889	1942	1947	1952	rVB	196474	248373	4.56%	0.319%
37	14.966	1955	1960	1965	rBV3	15121	28990	0.53%	0.037%
38	15.036	1966	1972	1980	rVB2	2194487	3466112	63.60%	4.445%
39	15.213	1995	2002	2013	rBV	1007475	1568546	28.78%	2.012%
40	15.325	2018	2021	2028	rBV3	17482	35615	0.65%	0.046%
41	15.389	2028	2032	2037	rBV3	24833	40083	0.74%	0.051%
42	15.442	2038	2041	2045	rVB	21973	26518	0.49%	0.034%
43	15.501	2046	2051	2054	rBV	43924	60255	1.11%	0.077%
44	15.572	2059	2063	2070	rVB2	24552	33873	0.62%	0.043%
45	15.789	2095	2100	2103	rBV	83997	111776	2.05%	0.143%
46	15.830	2103	2107	2112	rVV	262227	320474	5.88%	0.411%
47	15.889	2112	2117	2121	rVV4	16369	28652	0.53%	0.037%
48	15.936	2121	2125	2131	rVB6	13324	29733	0.55%	0.038%
49	16.019	2132	2139	2145	rBV	3556331	5167171	94.81%	6.626%
50	16.066	2145	2147	2152	rVB5	9292	14319	0.26%	0.018%
51	16.130	2152	2158	2168	rBV	1022595	1407350	25.82%	1.805%
52	16.236	2169	2176	2185	rVV2	63065	210878	3.87%	0.270%
53	16.324	2188	2191	2197	rVB2	19906	26989	0.50%	0.035%
54	16.383	2197	2201	2209	rBV2	27451	47713	0.88%	0.061%
55	16.448	2209	2212	2217	rBV2	31314	41911	0.77%	0.054%
56	16.642	2240	2245	2248	rBV2	21530	37543	0.69%	0.048%
57	16.683	2248	2252	2261	rVB	209150	332397	6.10%	0.426%
58	16.872	2282	2284	2289	rVB3	16261	22053	0.40%	0.028%
59	16.971	2294	2301	2307	rVV	72224	122441	2.25%	0.157%
60	17.030	2307	2311	2317	rVV3	24513	51617	0.95%	0.066%
61	17.083	2317	2320	2322	rVV3	21451	24893	0.46%	0.032%
62	17.119	2322	2326	2334	rVB2	69059	114880	2.11%	0.147%
63	17.189	2334	2338	2345	rVB3	27367	37500	0.69%	0.048%
64	17.254	2346	2349	2352	rVV2	16481	20909	0.38%	0.027%
65	17.283	2352	2354	2360	rVB3	15241	24159	0.44%	0.031%
66	17.471	2381	2386	2391	rBV	135700	162020	2.97%	0.208%
67	17.524	2391	2395	2405	rVB2	42645	99250	1.82%	0.127%
68	17.624	2408	2412	2416	rBV4	15907	20787	0.38%	0.027%
69	17.766	2425	2436	2446	rBV2	2439190	3787751	69.50%	4.857%
70	17.860	2446	2452	2462	rVB2	3569629	5299818	97.24%	6.797%
71	17.942	2463	2466	2473	rVB5	11988	24548	0.45%	0.031%

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72	18.007	2473	2477	2484	rBV4	14144	26273	0.48%	0.034%
73	18.089	2488	2491	2492	rBV3	12233	14682	0.27%	0.019%
74	18.201	2506	2510	2515	rBV	78743	98833	1.81%	0.127%
75	18.242	2515	2517	2526	rVB9	8357	20088	0.37%	0.026%
76	18.377	2536	2540	2548	rVB	49827	63178	1.16%	0.081%
77	18.477	2552	2557	2566	rBV2	92919	180429	3.31%	0.231%
78	18.601	2573	2578	2599	rBV	1172077	1848585	33.92%	2.371%
79	18.883	2622	2626	2630	rBV	53310	70206	1.29%	0.090%
80	18.924	2630	2633	2636	rVV	24673	30689	0.56%	0.039%
81	19.254	2686	2689	2691	rBV4	10465	14511	0.27%	0.019%
82	19.360	2704	2707	2710	rVB	19931	20852	0.38%	0.027%
83	19.454	2719	2723	2727	rBV6	20409	34282	0.63%	0.044%
84	19.501	2727	2731	2733	rVV	36665	43920	0.81%	0.056%
85	19.524	2733	2735	2740	rVB3	28392	32517	0.60%	0.042%
86	19.736	2763	2771	2772	rBV2	95210	177615	3.26%	0.228%
87	19.848	2786	2790	2802	rBV	236162	387807	7.12%	0.497%
88	20.007	2813	2817	2822	rVB	46169	66478	1.22%	0.085%
89	20.118	2830	2836	2845	rVB	4097853	5450108	100.00%	6.989%
90	20.595	2911	2917	2923	rBV8	25269	61592	1.13%	0.079%
91	20.977	2980	2982	2987	rVB2	48262	51907	0.95%	0.067%
92	21.083	2997	3000	3003	rBV	22284	27175	0.50%	0.035%
93	21.542	3074	3078	3095	rVB	1024409	1674849	30.73%	2.148%
94	21.883	3131	3136	3142	rBV2	2431016	3296601	60.49%	4.228%
95	23.118	3340	3346	3357	rVB	1370341	2028564	37.22%	2.601%
96	23.530	3412	3416	3424	rBV2	127579	210441	3.86%	0.270%
97	24.212	3520	3532	3550	rVB2	2138519	4607569	84.54%	5.909%
98	24.365	3551	3558	3570	rVB	1438331	2984068	54.75%	3.827%
99	24.895	3643	3648	3655	rVB	138889	287343	5.27%	0.368%
100	25.736	3787	3791	3798	rVB2	114745	228958	4.20%	0.294%

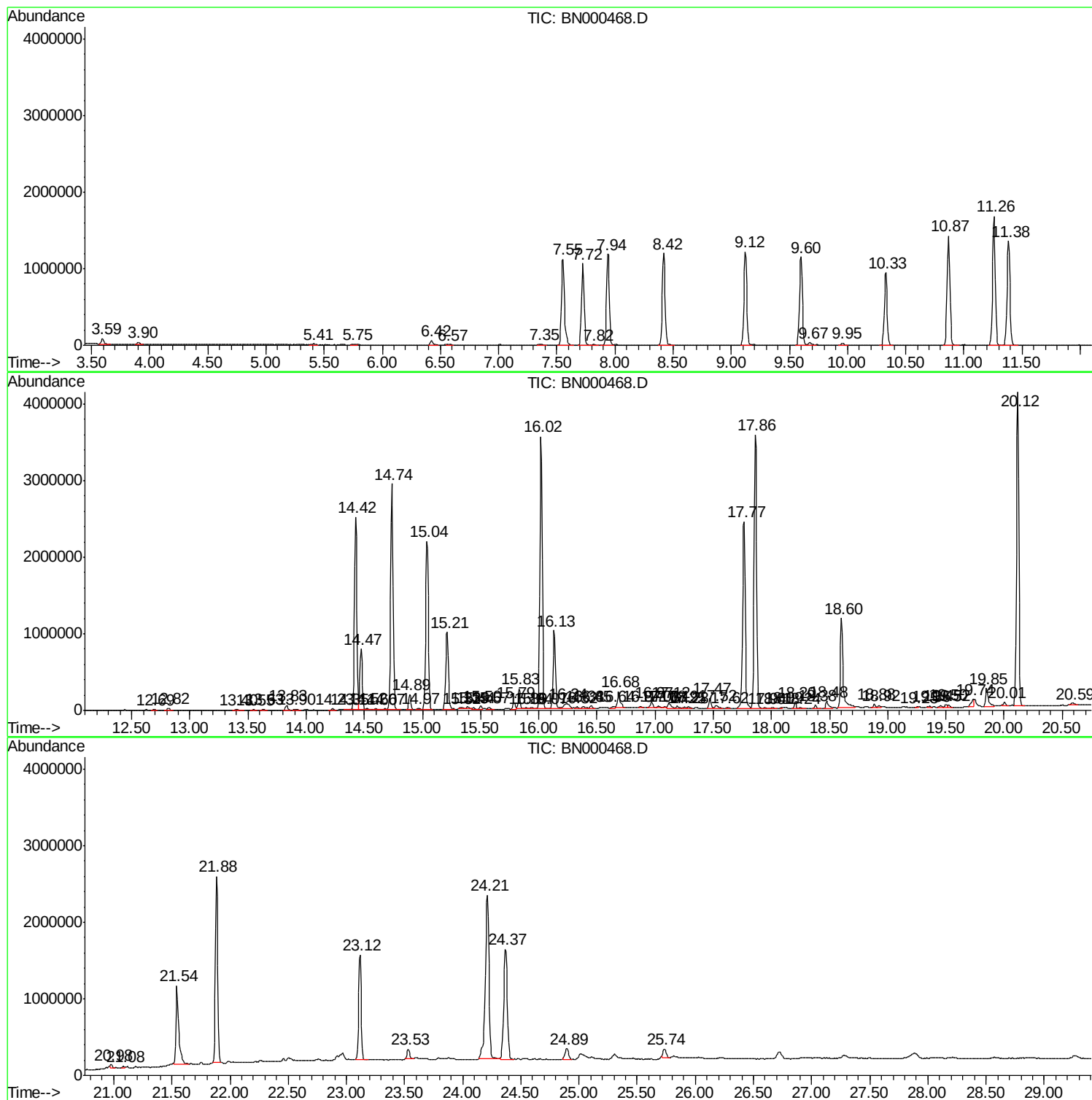
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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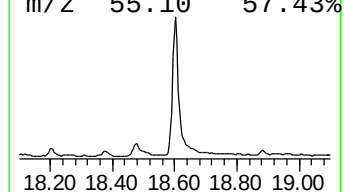
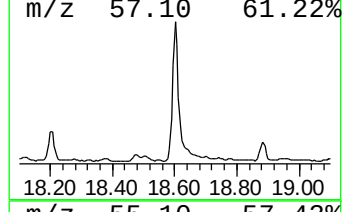
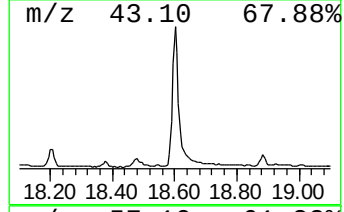
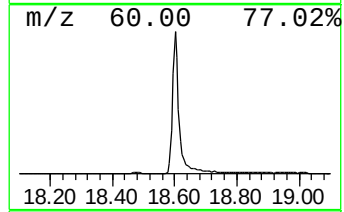
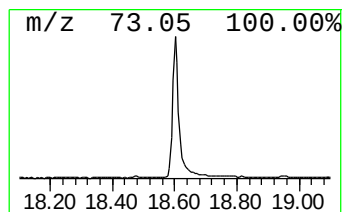
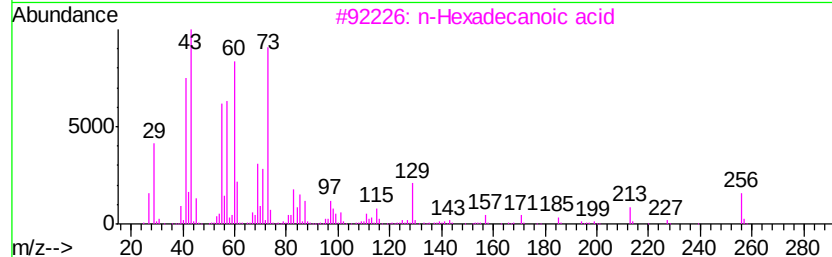
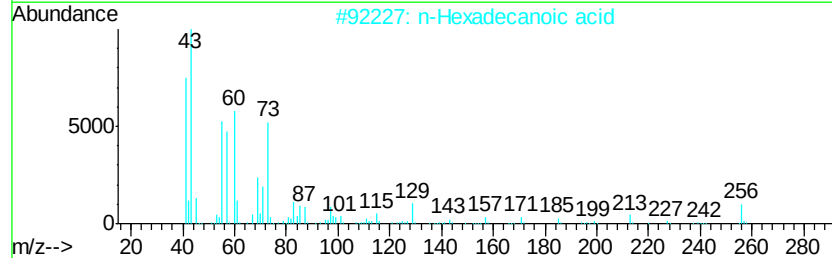
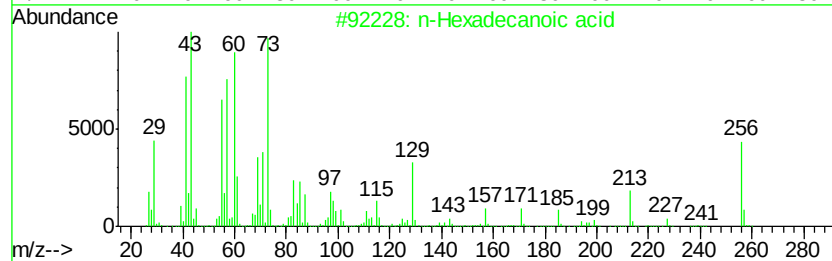
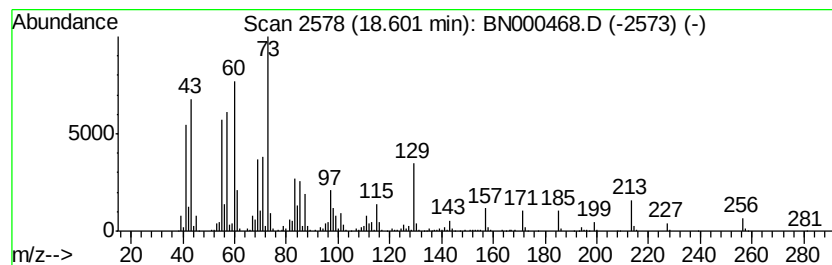
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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.	
18.60	9.76 ng/ul	1848590	Phenanthrene-d10		17.77	
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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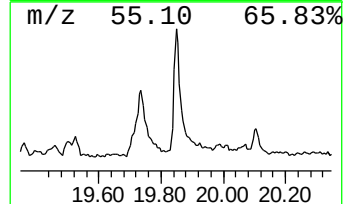
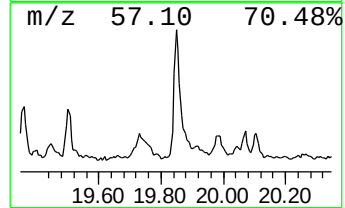
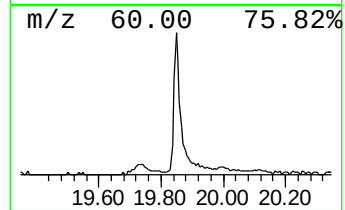
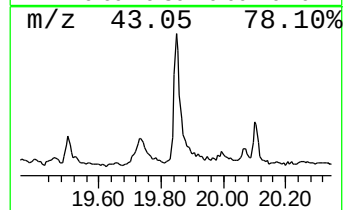
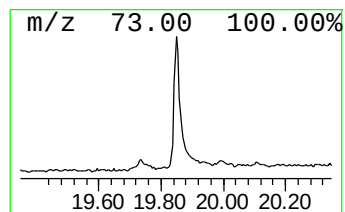
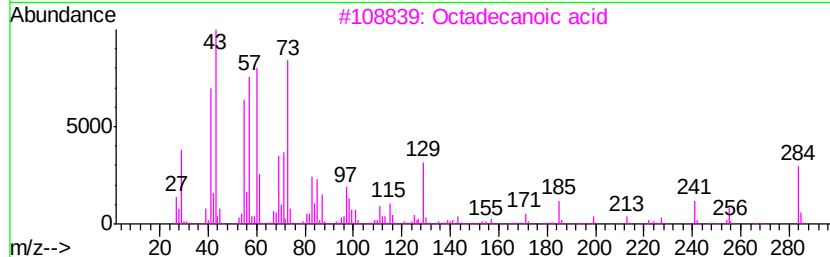
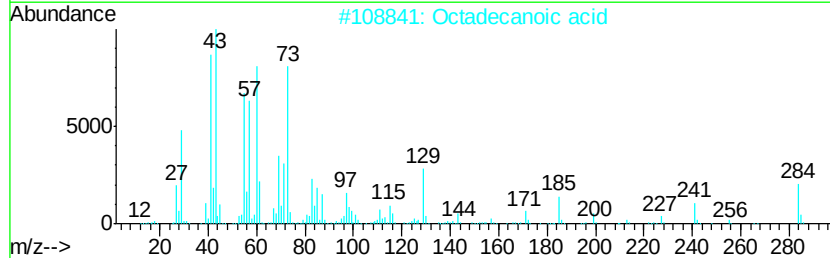
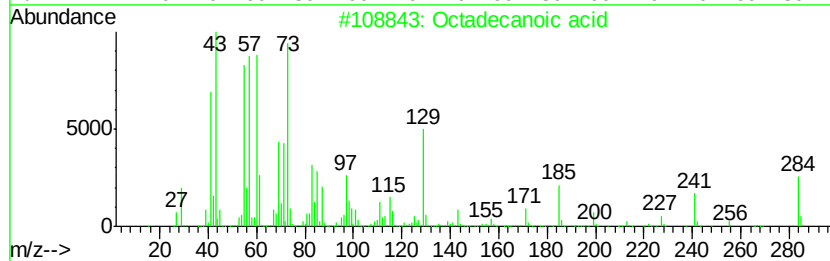
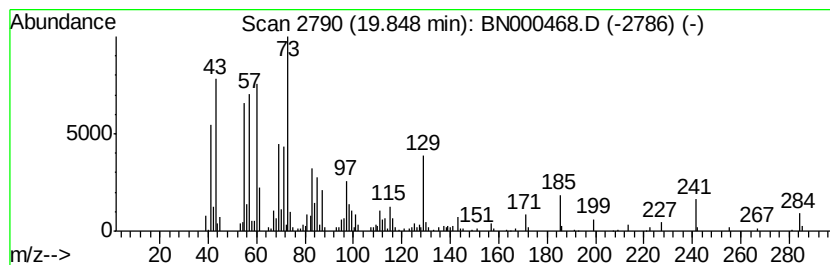
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.35 ng/ul	387807	Chrysene-d12	21.88
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 98
3	Octadecanoic acid	284	C18H36O2	000057-11-4 96
4	Octadecanoic acid	284	C18H36O2	000057-11-4 93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2 91



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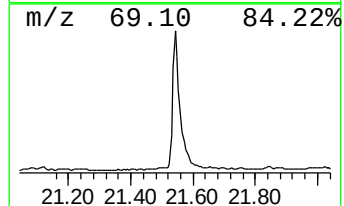
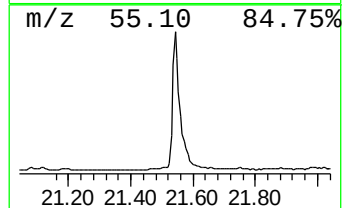
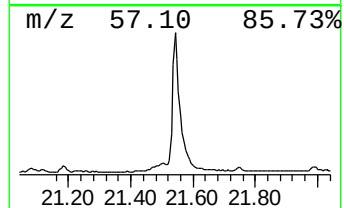
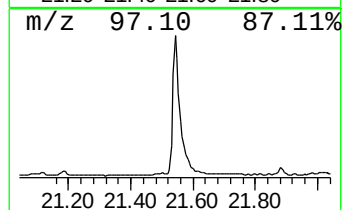
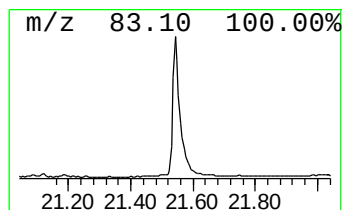
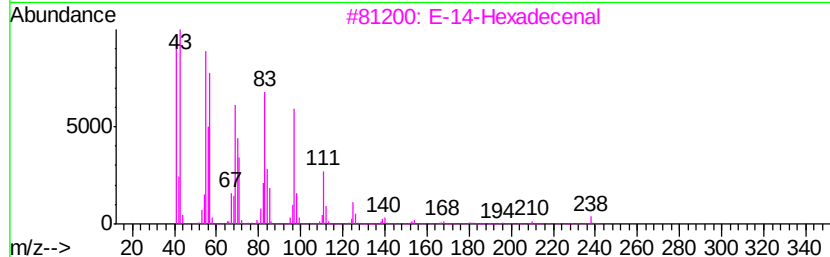
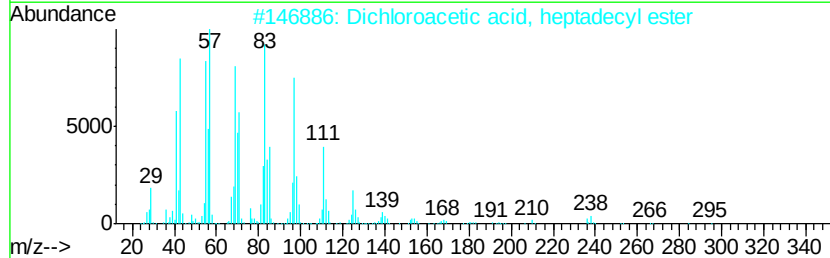
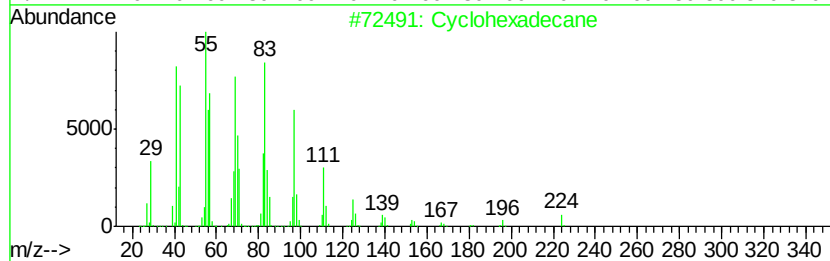
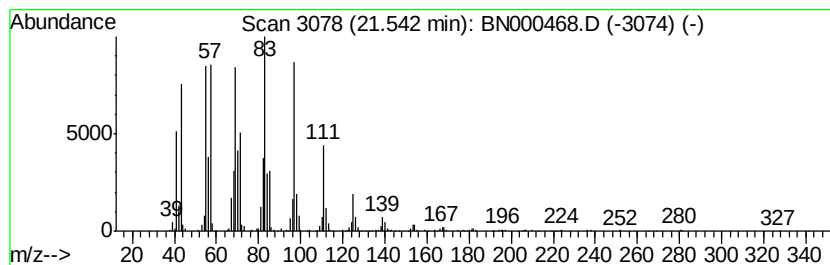
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	10.16 ng/ul	1674850	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3		E-14-Hexadecenal	238	C16H30O	330207-53-9	93
4		1-Nonadecanol	284	C19H40O	001454-84-8	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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ClientSampleId :
BEEC5

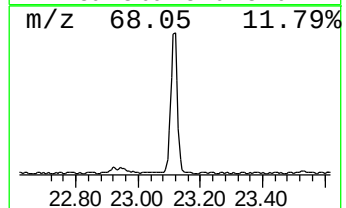
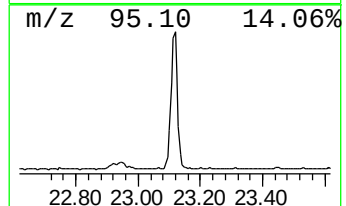
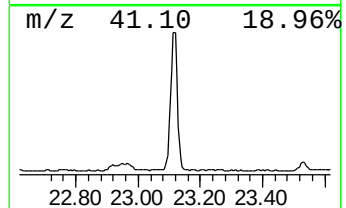
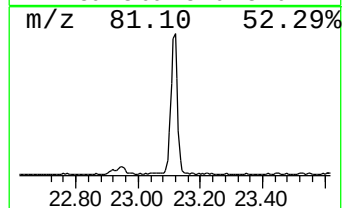
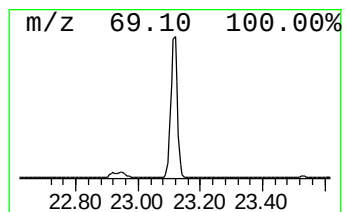
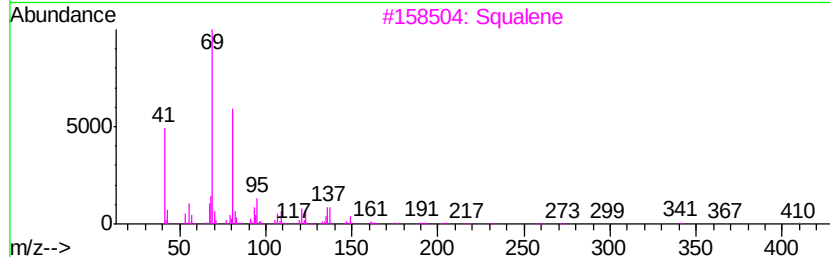
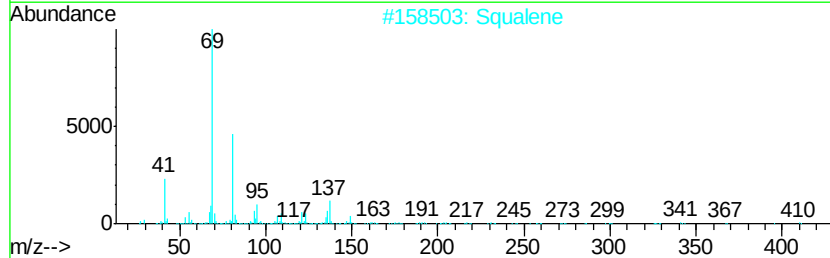
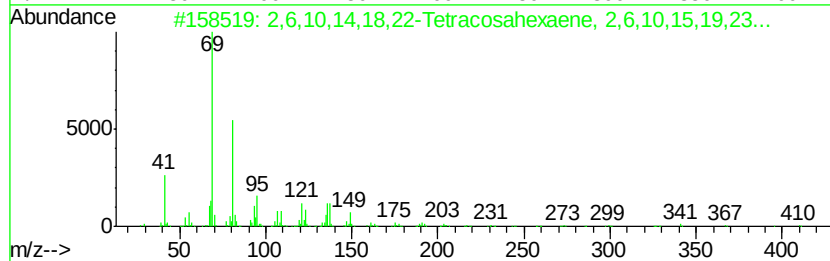
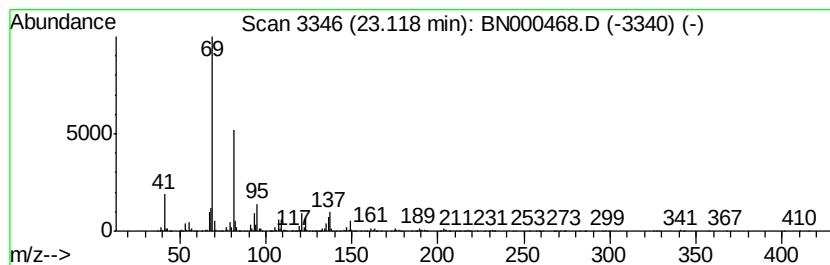
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	12.31 ng/ul	2028560	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	98		
2	Squalene	410	C30H50	007683-64-9	91		
3	Squalene	410	C30H50	007683-64-9	91		
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78		
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72		



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
Data File : BN000468.D
Acq On : 19 Mar 2018 23:50
Operator : JU/SJ
Sample : J1933-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC5

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	18.60	9.8	ng/ul	1848590	4	17.77	3787750	20.0
Octadecanoic acid	19.85	2.4	ng/ul	387807	5	21.88	3296600	20.0
(DEL) Alkane: Cyc...	21.54	10.2	ng/ul	1674850	5	21.88	3296600	20.0
2,6,10,14,18,22-T...	23.12	12.3	ng/ul	2028560	5	21.88	3296600	20.0