

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018186.D
 Acq On : 15 Dec 2018 02:47
 Operator : JU/SJ
 Sample : J6297-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E45

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	3.099	33	36	44	rVB	26099	37191	1.41%	0.097%
2	3.398	84	87	93	rBV4	2552	4234	0.16%	0.011%
3	3.598	117	121	130	rVB	15652	23035	0.87%	0.060%
4	3.663	130	132	134	rBV3	3021	3408	0.13%	0.009%
5	3.698	134	138	145	rVB3	14940	24128	0.91%	0.063%
6	3.793	151	154	159	rVB2	4778	6821	0.26%	0.018%
7	3.898	169	172	176	rVB3	10240	11023	0.42%	0.029%
8	4.157	214	216	219	rVB3	3856	3813	0.14%	0.010%
9	4.204	223	224	227	rVB	4387	2822	0.11%	0.007%
10	4.322	240	244	249	rBV3	2121	3323	0.13%	0.009%
11	4.669	298	303	305	rBV	15370	19817	0.75%	0.052%
12	4.693	305	307	314	rVV2	23064	30908	1.17%	0.080%
13	5.657	468	471	475	rBV3	2865	4791	0.18%	0.012%
14	5.934	514	518	522	rBV3	8793	13176	0.50%	0.034%
15	6.192	558	562	565	rVB2	3739	5457	0.21%	0.014%
16	6.387	592	595	599	rVB	4752	4908	0.19%	0.013%
17	6.487	607	612	617	rVB3	10433	14453	0.55%	0.038%
18	6.698	642	648	665	rBV2	507151	1060059	40.19%	2.755%
19	6.857	669	675	685	rVV	425394	667446	25.31%	1.735%
20	6.928	685	687	691	rVB3	3150	4527	0.17%	0.012%
21	7.045	701	707	717	rBV	576568	943741	35.78%	2.453%
22	7.116	717	719	722	rVB3	4096	4435	0.17%	0.012%
23	7.504	777	785	794	rBV	719038	1141789	43.29%	2.968%
24	7.581	794	798	802	rVB5	5006	6893	0.26%	0.018%
25	8.222	901	907	922	rBV2	631249	1073391	40.70%	2.790%
26	8.333	924	926	932	rVV5	2855	5737	0.22%	0.015%
27	8.663	973	982	994	rBV	537220	908187	34.43%	2.360%
28	9.039	1040	1046	1052	rBV	20266	28705	1.09%	0.075%
29	9.375	1096	1103	1112	rBV	465180	797676	30.24%	2.073%
30	9.439	1112	1114	1118	rVB3	2958	3328	0.13%	0.009%
31	9.910	1187	1194	1213	rBV	628706	1220798	46.29%	3.173%
32	10.063	1218	1220	1226	rVB4	3174	5671	0.22%	0.015%
33	10.269	1248	1255	1265	rBV	1023507	1695140	64.27%	4.406%
34	10.427	1275	1282	1307	rBV	374570	834200	31.63%	2.168%

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35	10.598	1309	1311	1314	rVV3	2259	2991	0.11%	0.008%
36	11.886	1526	1530	1538	rBV2	5937	12986	0.49%	0.034%
37	13.045	1722	1727	1732	rBV3	3311	4780	0.18%	0.012%
38	13.121	1734	1740	1744	rBV3	12982	14172	0.54%	0.037%
39	13.463	1791	1798	1803	rVB2	35032	51504	1.95%	0.134%
40	13.586	1811	1819	1823	rBV	1165924	1704006	64.61%	4.429%
41	13.633	1823	1827	1839	rVB	340473	489495	18.56%	1.272%
42	13.851	1857	1864	1872	rBV	1355048	2042705	77.45%	5.309%
43	13.933	1877	1878	1881	rVV	3328	3543	0.13%	0.009%
44	13.998	1884	1889	1894	rVV3	20419	25808	0.98%	0.067%
45	14.068	1898	1901	1905	rVB2	3932	4926	0.19%	0.013%
46	14.163	1909	1917	1927	rBV2	1423222	2125451	80.58%	5.524%
47	14.257	1929	1933	1937	rVB2	11536	14439	0.55%	0.038%
48	14.410	1953	1959	1974	rBV	288170	645660	24.48%	1.678%
49	14.615	1989	1994	2003	rVB6	17166	36956	1.40%	0.096%
50	14.692	2003	2007	2010	rVB3	3254	4865	0.18%	0.013%
51	15.027	2059	2064	2067	rVB4	8896	11559	0.44%	0.030%
52	15.074	2067	2072	2073	rBV2	3464	4205	0.16%	0.011%
53	15.162	2081	2087	2096	rBV	1730732	2518498	95.49%	6.546%
54	15.315	2108	2113	2125	rBV	303868	471169	17.86%	1.225%
55	15.404	2125	2128	2133	rVB4	23266	29937	1.14%	0.078%
56	15.592	2155	2160	2165	rVB5	2228	3660	0.14%	0.010%
57	15.851	2201	2204	2206	rBV2	3339	3987	0.15%	0.010%
58	15.898	2206	2212	2214	rBV3	5167	7911	0.30%	0.021%
59	15.951	2219	2221	2223	rVB3	4216	3250	0.12%	0.008%
60	16.009	2229	2231	2234	rBV2	2710	2816	0.11%	0.007%
61	16.062	2237	2240	2245	rBV4	3473	6826	0.26%	0.018%
62	16.121	2245	2250	2253	rVV4	4094	6394	0.24%	0.017%
63	16.145	2253	2254	2260	rVB3	2915	3046	0.12%	0.008%
64	16.239	2266	2270	2273	rBV4	3553	5209	0.20%	0.014%
65	16.298	2277	2280	2284	rVB5	4928	6556	0.25%	0.017%
66	16.356	2284	2290	2293	rBV6	4415	8535	0.32%	0.022%
67	16.468	2305	2309	2310	rBV2	3771	3915	0.15%	0.010%
68	16.715	2341	2351	2358	rBV5	8500	25354	0.96%	0.066%
69	16.839	2366	2372	2379	rBV3	14403	28844	1.09%	0.075%
70	16.921	2379	2386	2392	rBV2	1770668	2456945	93.15%	6.386%
71	17.021	2397	2403	2414	rVV2	1826890	2592694	98.30%	6.739%

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72	17.115	2414	2419	2424	rVB7	8013	12517	0.47%	0.033%
73	17.251	2440	2442	2444	rBV3	3374	3736	0.14%	0.010%
74	17.321	2451	2454	2460	rVB4	6110	9942	0.38%	0.026%
75	17.421	2469	2471	2475	rVV5	7265	9041	0.34%	0.023%
76	17.456	2475	2477	2480	rVV3	4426	3991	0.15%	0.010%
77	17.592	2499	2500	2503	rVV3	3024	2963	0.11%	0.008%
78	17.709	2512	2520	2527	rBV7	8966	21540	0.82%	0.056%
79	17.774	2527	2531	2535	rBV4	19603	25649	0.97%	0.067%
80	17.839	2535	2542	2555	rBV	550958	839037	31.81%	2.181%
81	18.092	2583	2585	2587	rBV3	4500	3586	0.14%	0.009%
82	18.133	2587	2592	2597	rVV7	16661	28220	1.07%	0.073%
83	18.174	2597	2599	2600	rVB2	5151	2878	0.11%	0.007%
84	18.515	2653	2657	2662	rBV7	7620	16350	0.62%	0.042%
85	18.645	2677	2679	2680	rBV	7341	4984	0.19%	0.013%
86	18.698	2684	2688	2689	rBV4	8385	9047	0.34%	0.024%
87	18.792	2701	2704	2708	rVB6	7066	7667	0.29%	0.020%
88	18.974	2730	2735	2737	rBV4	31330	51166	1.94%	0.133%
89	19.003	2737	2740	2748	rVB7	46677	85989	3.26%	0.223%
90	19.127	2757	2761	2773	rBV2	229308	372761	14.13%	0.969%
91	19.215	2773	2776	2779	rVV2	25048	31939	1.21%	0.083%
92	19.268	2783	2785	2788	rBV4	7979	11781	0.45%	0.031%
93	19.327	2790	2795	2804	rBV	1914276	2637548	100.00%	6.855%
94	19.868	2884	2887	2893	rVB7	24047	36101	1.37%	0.094%
95	20.156	2934	2936	2938	rBV3	13581	11977	0.45%	0.031%
96	20.862	3051	3056	3065	rBV	660737	921387	34.93%	2.395%
97	21.133	3097	3102	3109	rBV	1569493	2139510	81.12%	5.561%
98	23.156	3441	3446	3457	rVB	1064093	1939091	73.52%	5.040%
99	23.291	3463	3469	3477	rVB	1032484	1841233	69.81%	4.785%
100	25.585	3852	3859	3868	rVB3	518990	1393074	52.82%	3.621%

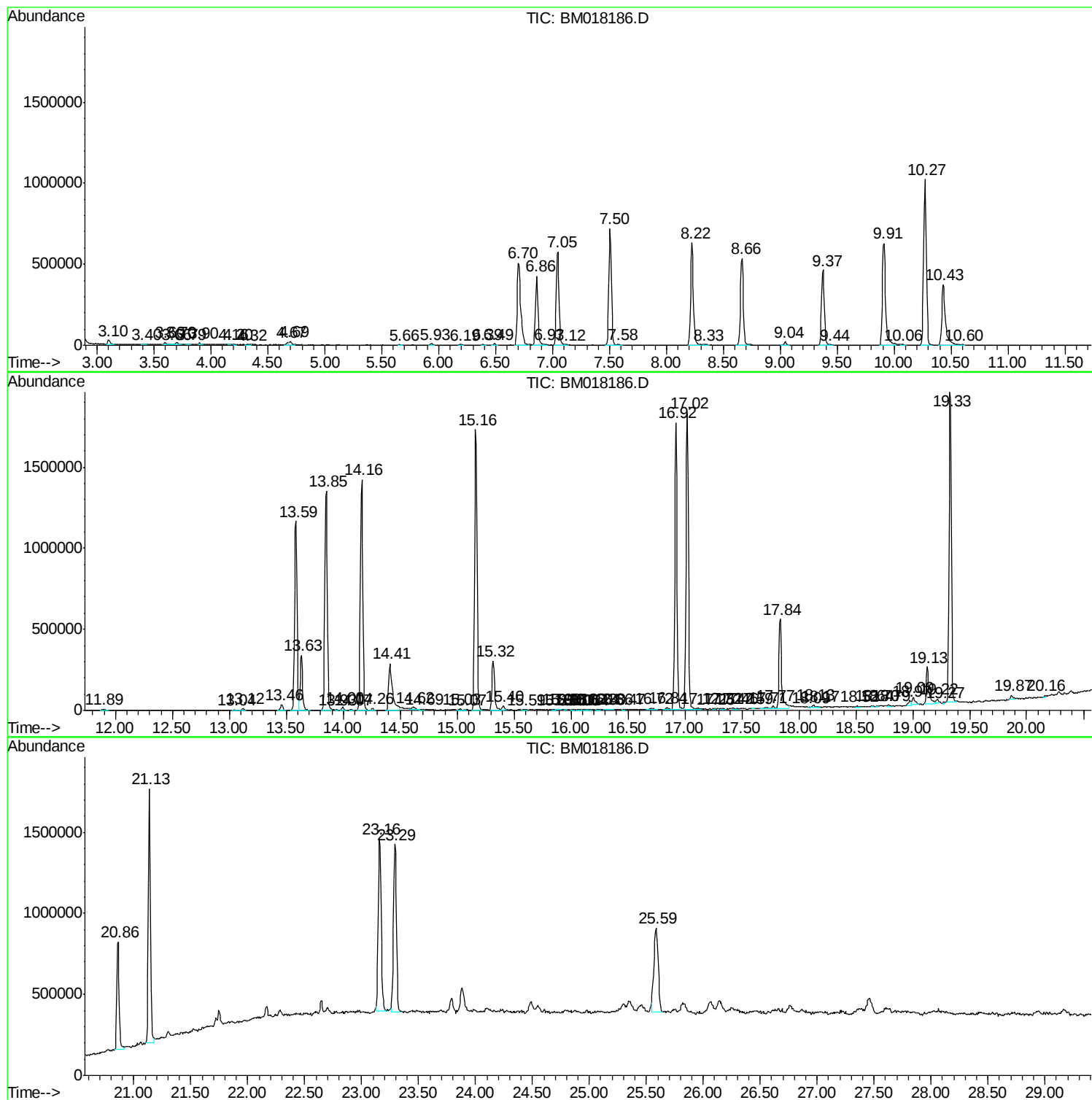
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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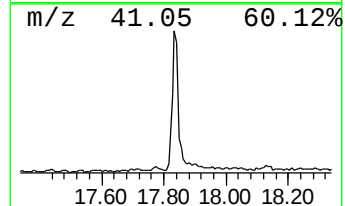
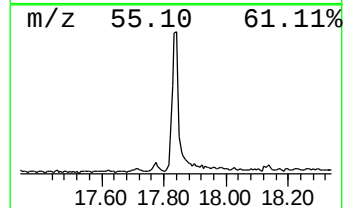
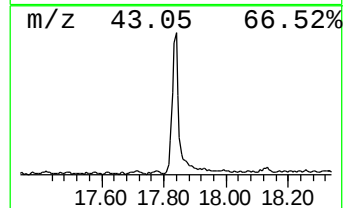
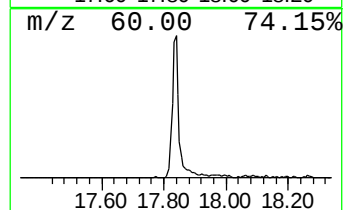
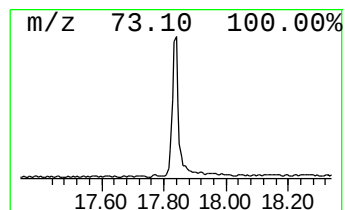
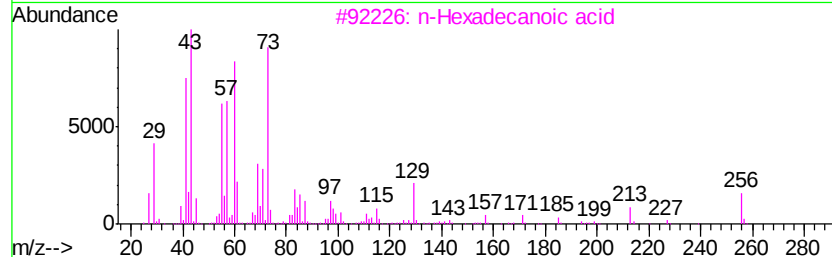
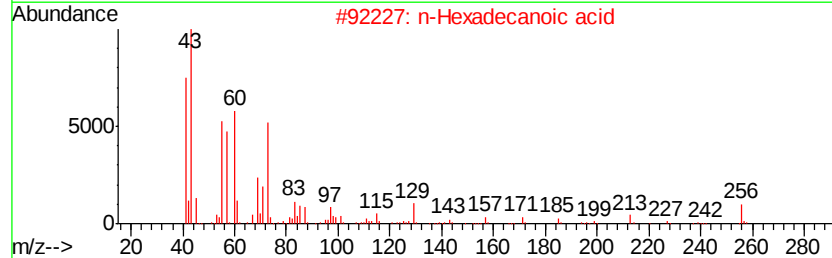
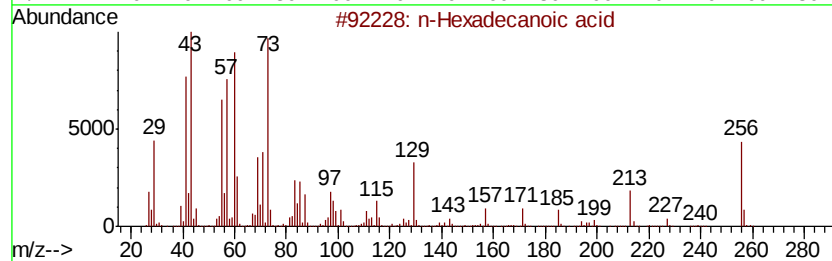
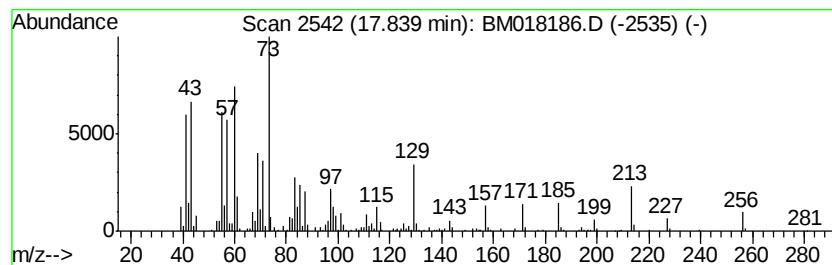
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	6.83 ng/ul	839037	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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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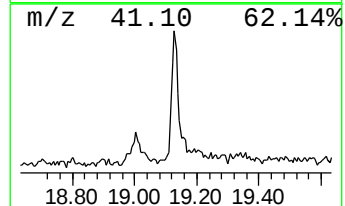
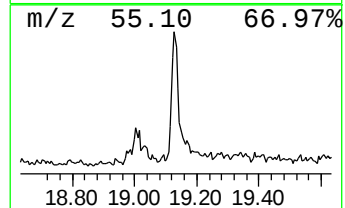
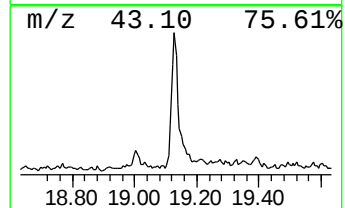
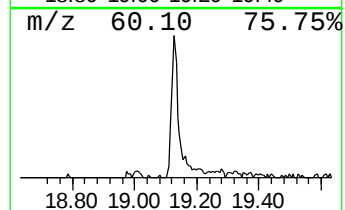
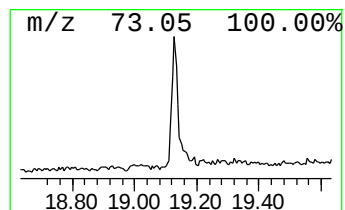
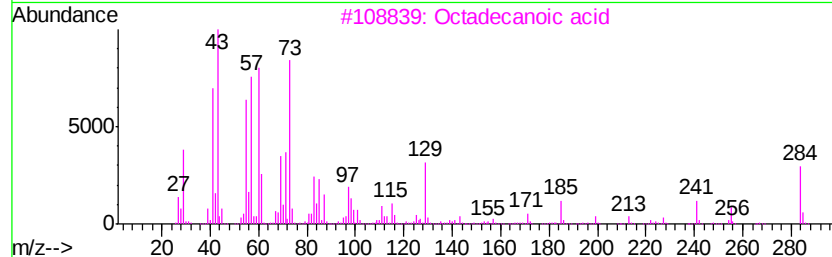
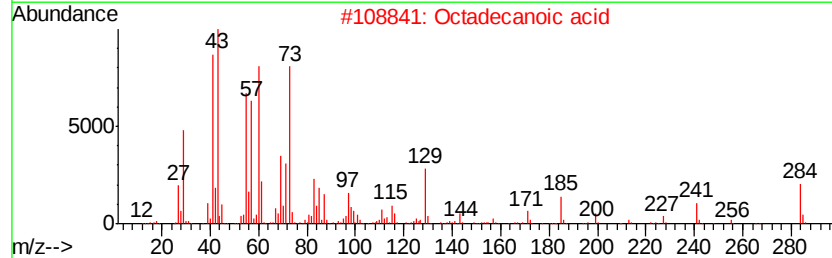
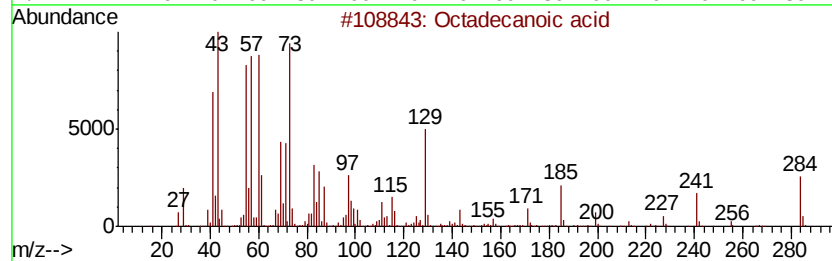
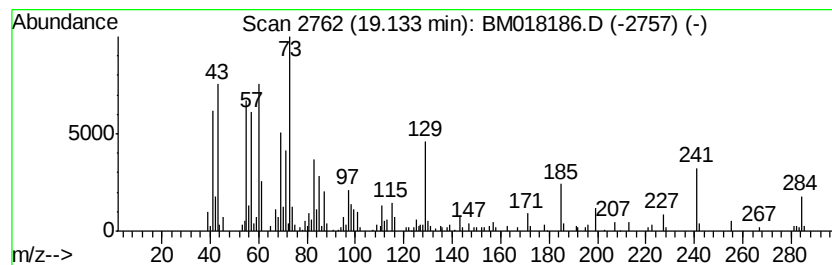
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.48 ng/ul	372761	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	86
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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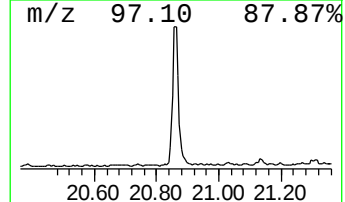
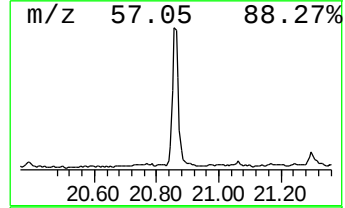
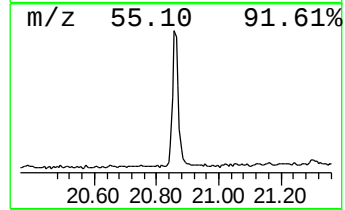
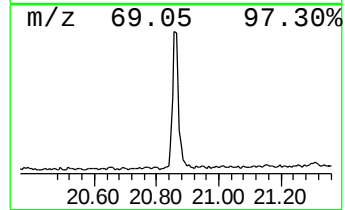
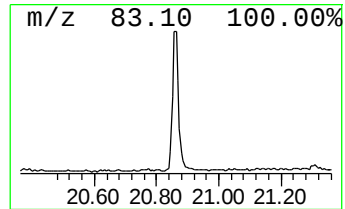
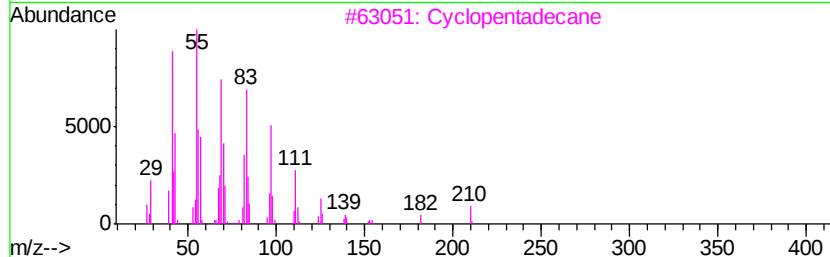
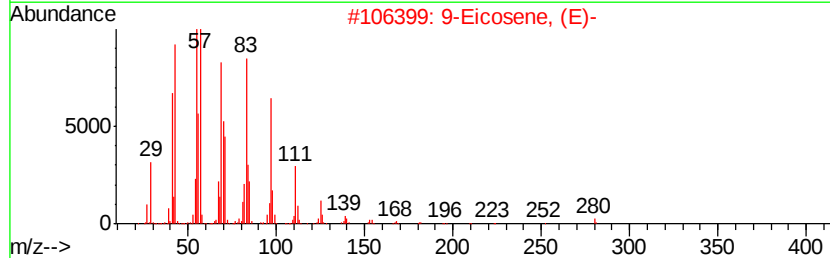
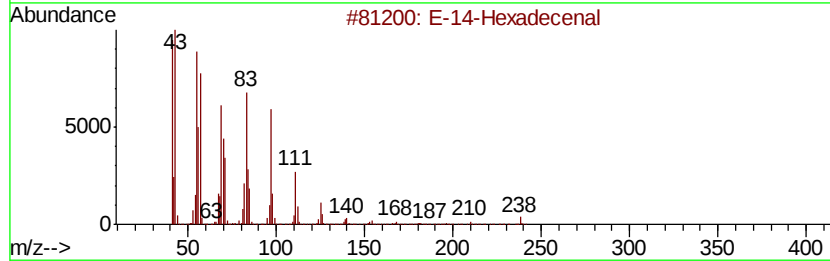
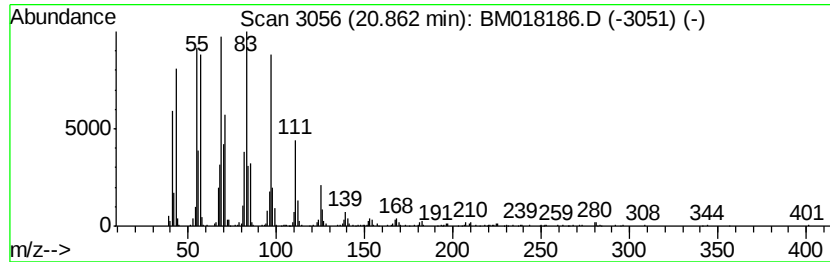
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Peak Number 3 E-14-Hexadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.61 ng/ul	921387	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-14-Hexadecenal	238 C16H30O	330207-53-9	96
2	9-Eicosene, (E)-	280 C20H40	074685-29-3	93
3	Cyclopentadecane	210 C15H30	000295-48-7	92
4	1-Hexadecene	224 C16H32	000629-73-2	92
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018186.D
Acq On : 15 Dec 2018 02:47
Operator : JU/SJ
Sample : J6297-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E45

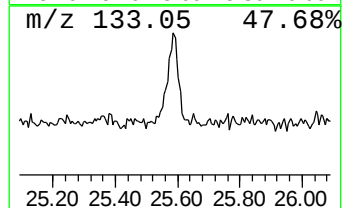
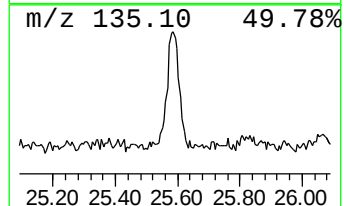
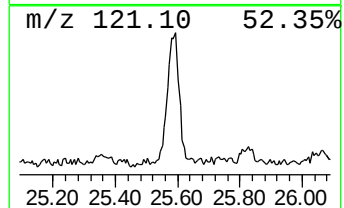
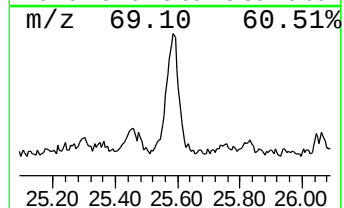
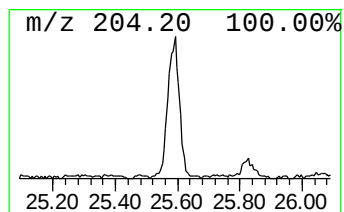
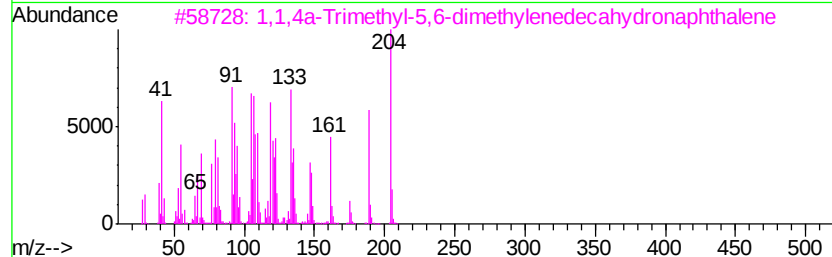
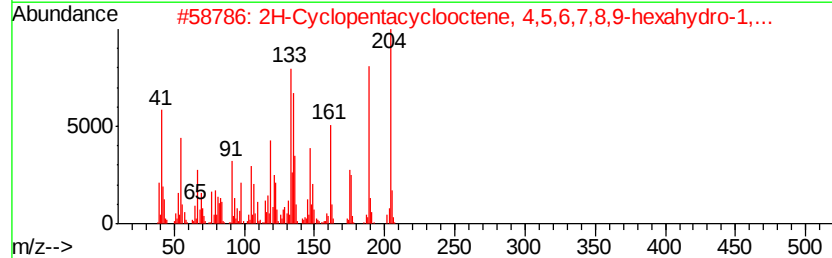
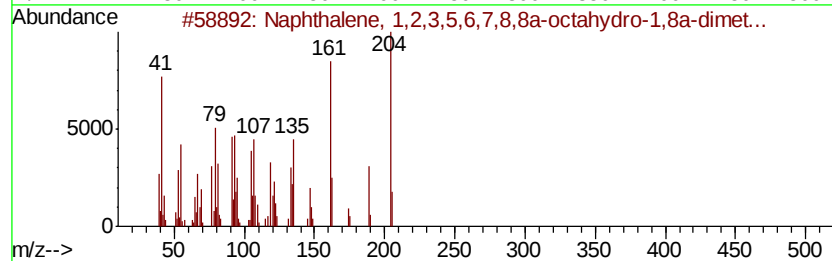
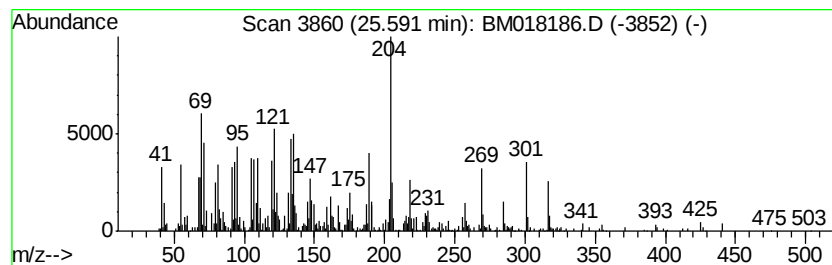
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	15.13 ng/ul	1393070	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	68
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	60
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
4		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	49
5		1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E45

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	6.8	ng/ul	839037	4	16.92	2456950	20.0
Octadecanoic acid	19.13	3.5	ng/ul	372761	5	21.14	2139510	20.0
E-14-Hexadecenal	20.86	8.6	ng/ul	921387	5	21.14	2139510	20.0
Naphthalene, 1,2,...	25.59	15.1	ng/ul	1393070	6	23.29	1841230	20.0