

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018197.D
 Acq On : 15 Dec 2018 09:26
 Operator : JU/SJ
 Sample : J6271-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E35

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	38792	55384	1.19%	0.101%
2	3.375	76	83	92	rBV2	28204	50443	1.08%	0.092%
3	3.699	133	138	145	rVB4	9798	18326	0.39%	0.033%
4	3.793	151	154	162	rVB6	5549	11014	0.24%	0.020%
5	3.899	168	172	177	rBV3	9109	15502	0.33%	0.028%
6	4.157	207	216	218	rBV3	3520	6058	0.13%	0.011%
7	4.675	299	304	309	rBV	15299	24218	0.52%	0.044%
8	5.651	464	470	473	rBV3	2905	5736	0.12%	0.010%
9	5.940	513	519	526	rVB2	8793	12759	0.27%	0.023%
10	6.704	641	649	663	rBV2	784978	1484457	31.89%	2.707%
11	6.863	670	676	686	rBV	650456	993426	21.34%	1.812%
12	7.045	701	707	716	rBV	866259	1387106	29.80%	2.530%
13	7.504	778	785	794	rBV	694723	1124133	24.15%	2.050%
14	7.581	794	798	803	rVB4	7865	14189	0.30%	0.026%
15	8.228	901	908	921	rBV	1008435	1698120	36.48%	3.097%
16	8.663	976	982	994	rBV	777169	1316676	28.28%	2.401%
17	9.039	1042	1046	1051	rVB2	12891	18703	0.40%	0.034%
18	9.375	1097	1103	1114	rBV	662272	1142819	24.55%	2.084%
19	9.910	1187	1194	1224	rBV	1008383	1821299	39.12%	3.322%
20	10.275	1248	1256	1264	rBV	1006896	1630888	35.03%	2.974%
21	10.433	1273	1283	1307	rBV	742866	1519015	32.63%	2.770%
22	11.075	1385	1392	1396	rBV3	2728	5940	0.13%	0.011%
23	11.892	1524	1531	1541	rVB3	9961	22513	0.48%	0.041%
24	13.463	1791	1798	1803	rBV5	12850	18879	0.41%	0.034%
25	13.586	1812	1819	1824	rBV	1961773	2819160	60.56%	5.142%
26	13.633	1824	1827	1835	rVV	525408	738686	15.87%	1.347%
27	13.857	1856	1865	1873	rBV	2250473	3417305	73.41%	6.232%
28	14.169	1911	1918	1928	rBV2	1446255	2197179	47.20%	4.007%
29	14.410	1953	1959	1985	rBV	651201	1408735	30.26%	2.569%
30	14.610	1989	1993	1999	rVB6	11470	22968	0.49%	0.042%
31	14.786	2021	2023	2029	rVB2	2635	4795	0.10%	0.009%
32	14.974	2051	2055	2059	rVB3	4267	7018	0.15%	0.013%
33	15.027	2059	2064	2071	rBV4	8597	15478	0.33%	0.028%
34	15.092	2071	2075	2078	rBV3	3744	5888	0.13%	0.011%

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35	15.168	2081	2088	2097	rBV	3027903	4257918	91.46%	7.766%
36	15.321	2108	2114	2125	rBV	501337	747574	16.06%	1.363%
37	15.410	2125	2129	2136	rVB3	35327	54448	1.17%	0.099%
38	15.739	2182	2185	2188	rBV2	5018	5084	0.11%	0.009%
39	15.898	2208	2212	2216	rVV2	4559	7270	0.16%	0.013%
40	16.304	2277	2281	2285	rBV4	5392	7359	0.16%	0.013%
41	16.357	2287	2290	2296	rVB5	7220	9233	0.20%	0.017%
42	16.698	2344	2348	2349	rBV2	7291	7609	0.16%	0.014%
43	16.721	2349	2352	2354	rVB2	5180	6461	0.14%	0.012%
44	16.839	2370	2372	2378	rVB4	4542	6872	0.15%	0.013%
45	16.927	2381	2387	2394	rVV	1916000	2620104	56.28%	4.779%
46	17.027	2397	2404	2412	rVV	3416450	4632161	99.50%	8.448%
47	17.115	2417	2419	2423	rVB3	6960	7860	0.17%	0.014%
48	17.215	2431	2436	2446	rBV2	62773	148825	3.20%	0.271%
49	17.327	2454	2455	2458	rVB3	6135	6017	0.13%	0.011%
50	17.427	2470	2472	2476	rVB5	4180	5316	0.11%	0.010%
51	17.604	2500	2502	2507	rVB3	4561	4759	0.10%	0.009%
52	17.774	2528	2531	2536	rBV4	16262	20243	0.43%	0.037%
53	17.839	2537	2542	2561	rBV	931297	1319279	28.34%	2.406%
54	18.121	2587	2590	2594	rVV5	4675	8345	0.18%	0.015%
55	18.174	2596	2599	2604	rVB7	7793	13837	0.30%	0.025%
56	18.268	2614	2615	2617	rBV2	6305	5198	0.11%	0.009%
57	18.515	2655	2657	2660	rBV4	5957	6264	0.13%	0.011%
58	18.651	2674	2680	2684	rBV8	9119	18825	0.40%	0.034%
59	18.768	2696	2700	2702	rBV5	8744	12045	0.26%	0.022%
60	18.798	2702	2705	2709	rVB6	11554	16508	0.35%	0.030%
61	18.892	2719	2721	2724	rBV4	7264	8579	0.18%	0.016%
62	18.974	2730	2735	2738	rBV2	41828	75703	1.63%	0.138%
63	19.009	2738	2741	2750	rVB7	46798	84268	1.81%	0.154%
64	19.133	2757	2762	2771	rBV	376378	530501	11.40%	0.968%
65	19.221	2773	2777	2782	rVB2	27212	46259	0.99%	0.084%
66	19.339	2790	2797	2805	rBV	3363880	4655353	100.00%	8.490%
67	19.698	2856	2858	2861	rBV4	13268	18880	0.41%	0.034%
68	19.874	2884	2888	2891	rBV4	40161	66016	1.42%	0.120%
69	20.862	3052	3056	3065	rBV	902056	1284548	27.59%	2.343%
70	21.145	3099	3104	3110	rBV	1881150	2328979	50.03%	4.248%
71	23.174	3443	3449	3462	rVB	2024730	3666466	78.76%	6.687%

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72	23.309	3466	3472	3481	rVB	1142058	2063875	44.33%	3.764%
73	25.597	3857	3861	3871	rVB4	430518	1010979	21.72%	1.844%

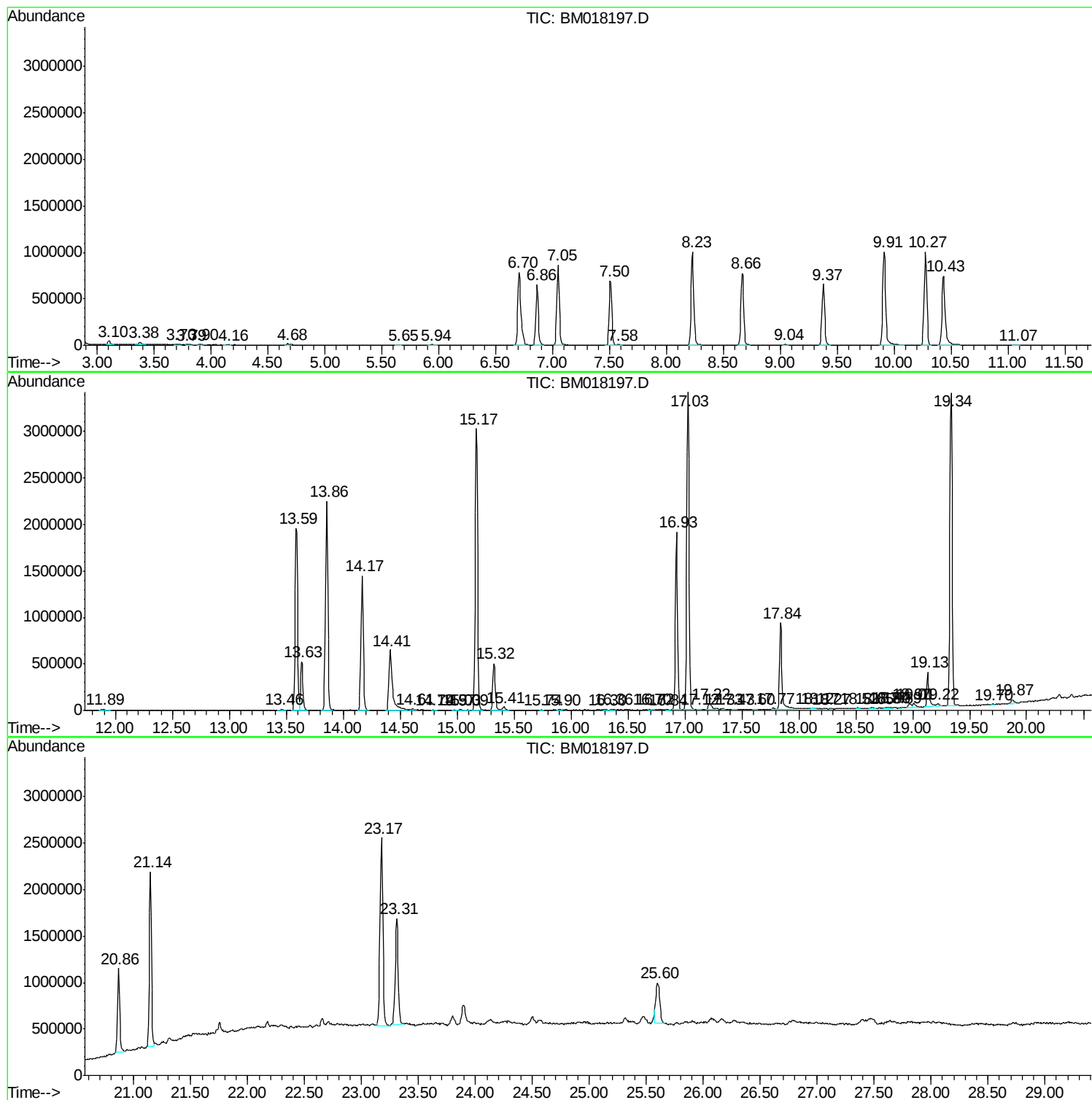
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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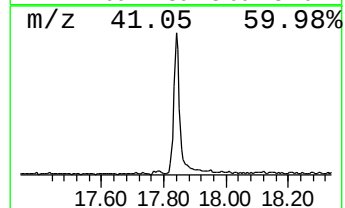
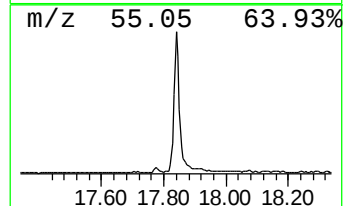
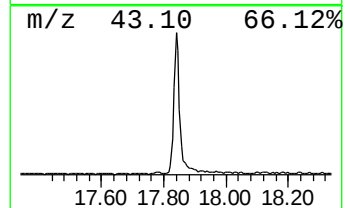
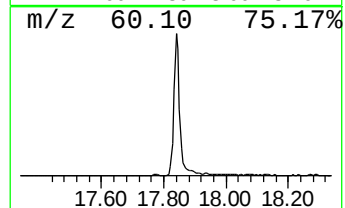
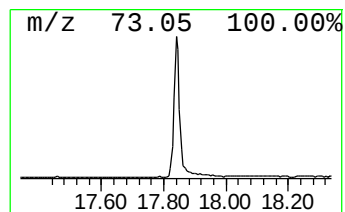
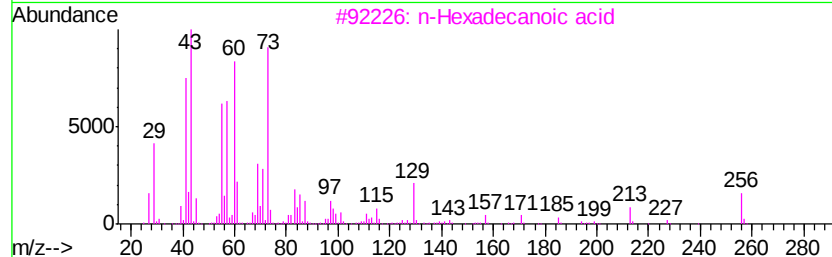
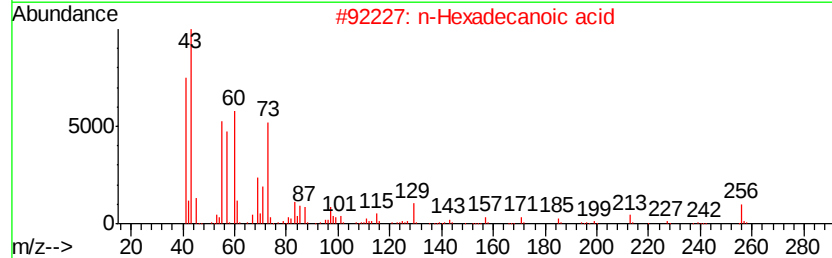
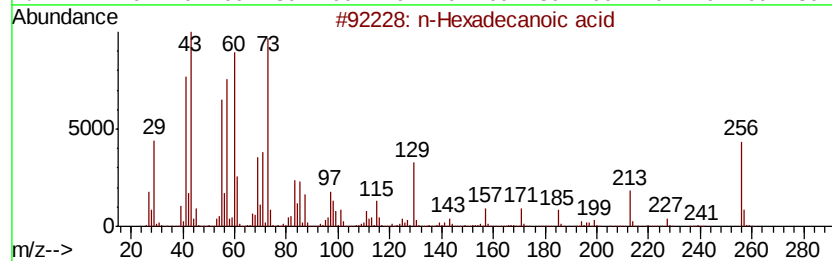
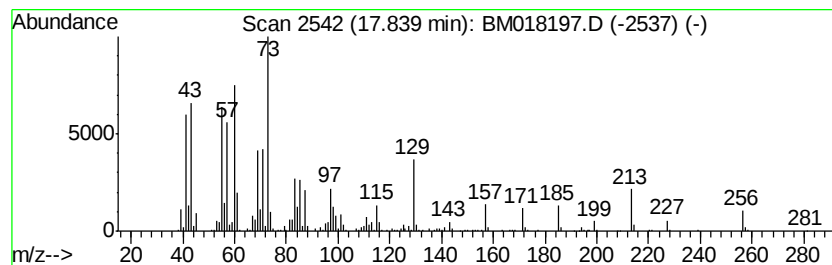
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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	10.07 ng/ul	1319280	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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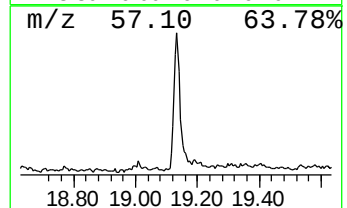
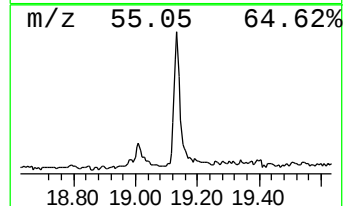
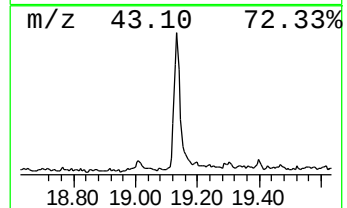
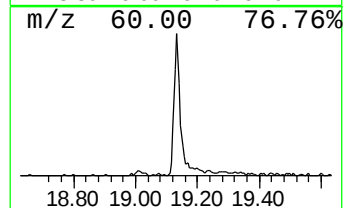
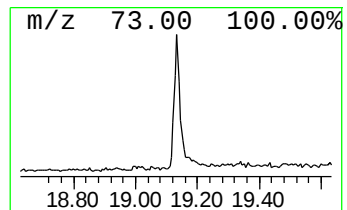
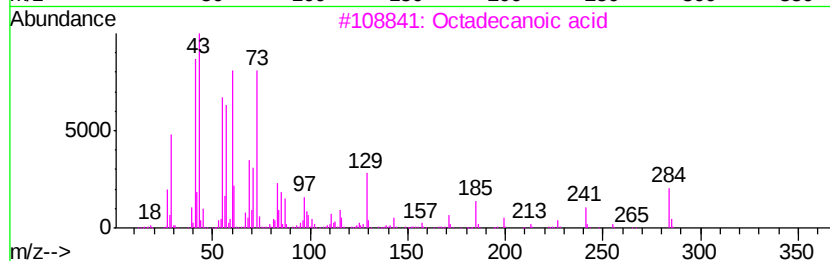
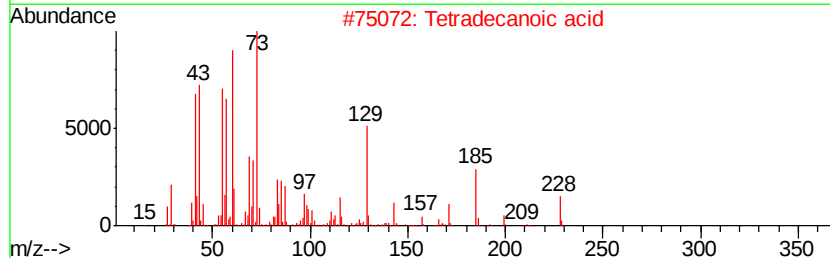
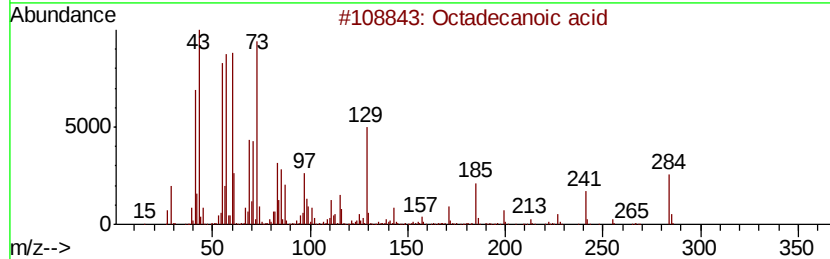
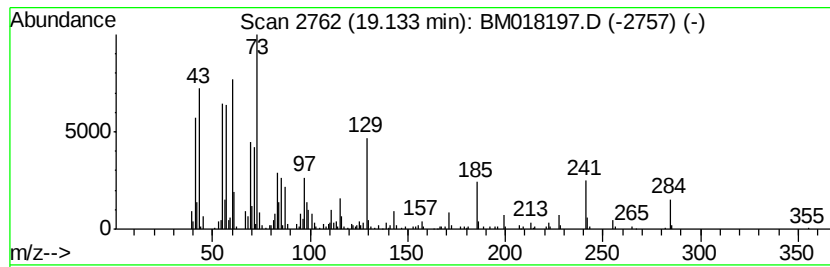
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.56 ng/ul	530501	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



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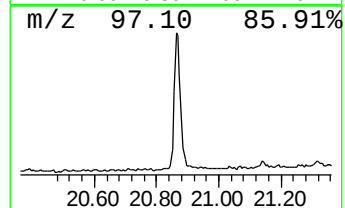
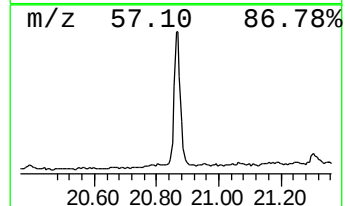
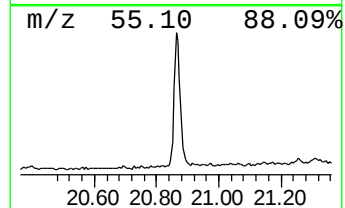
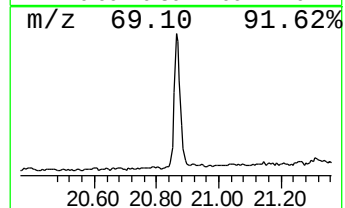
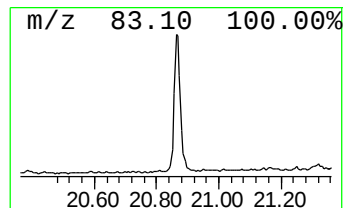
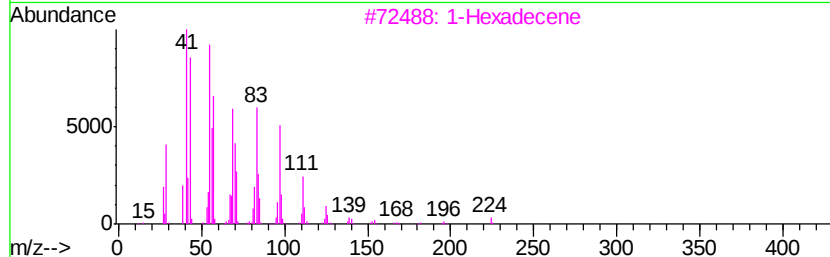
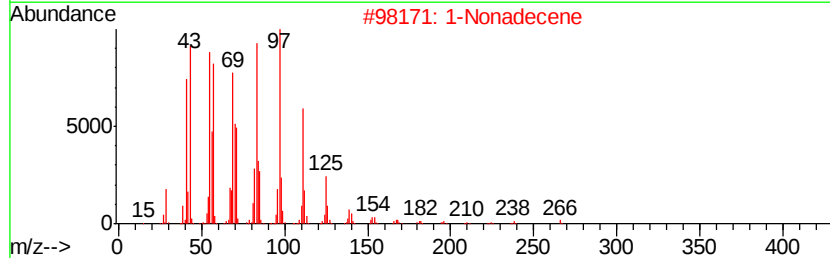
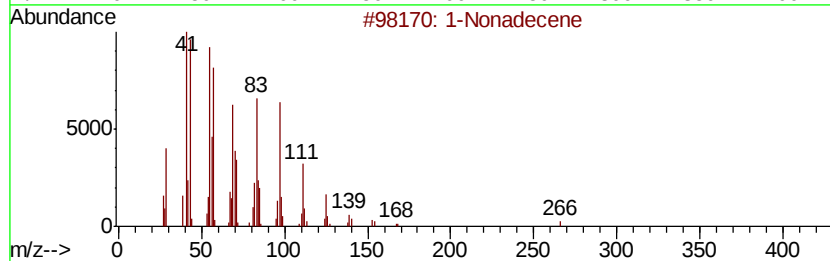
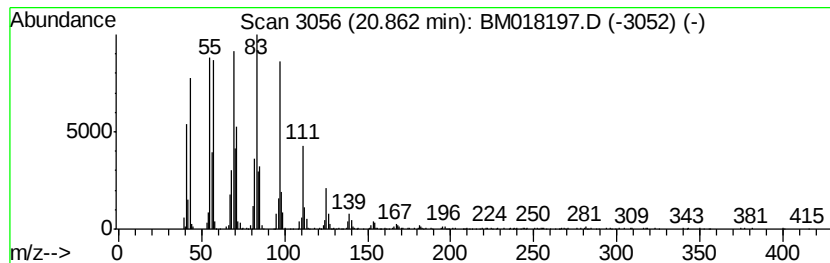
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	11.03 ng/ul	1284550	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		1-Nonadecene	266	C19H38	018435-45-5	98
3		1-Hexadecene	224	C16H32	000629-73-2	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



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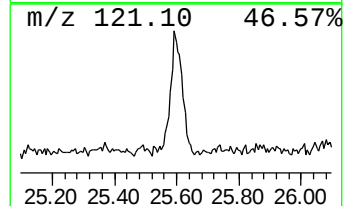
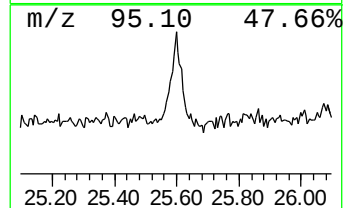
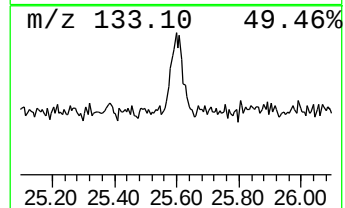
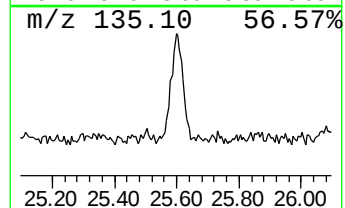
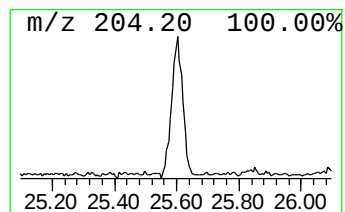
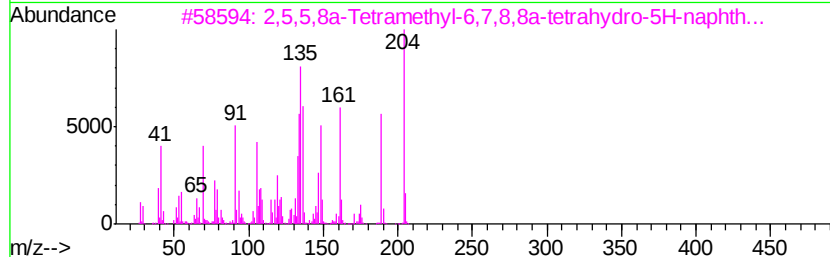
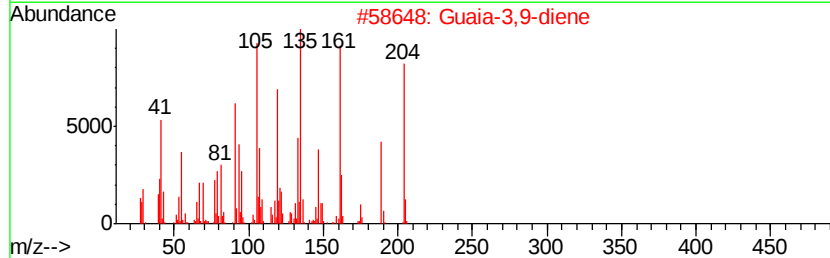
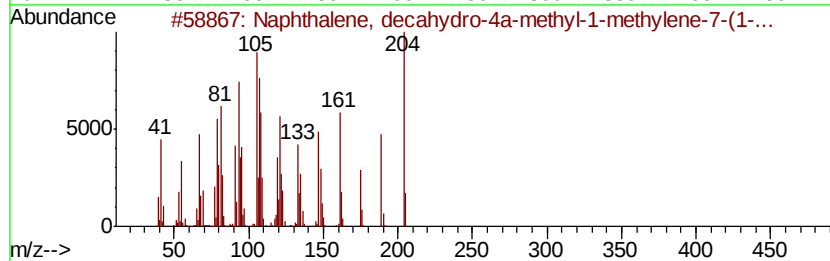
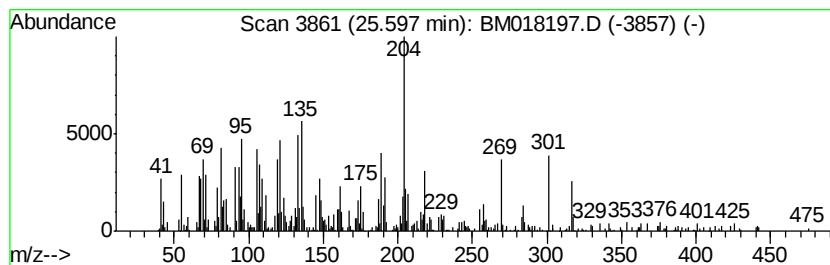
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-4a-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	9.80 ng/ul	1010980	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	53
2		Guaia-3,9-diene	204	C15H24	000489-83-8	49
3		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
4		1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018197.D
Acq On : 15 Dec 2018 09:26
Operator : JU/SJ
Sample : J6271-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E35

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	10.1	ng/ul	1319280	4	16.93	2620100	20.0
Octadecanoic acid	19.13	4.6	ng/ul	530501	5	21.14	2328980	20.0
(DEL) Alkane: Cyc...	20.86	11.0	ng/ul	1284550	5	21.14	2328980	20.0
Naphthalene, deca...	25.60	9.8	ng/ul	1010980	6	23.31	2063880	20.0