

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018063.D
 Acq On : 11 Dec 2018 18:35
 Operator : JU/SJ
 Sample : J6170-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9M14

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-BM111918MA.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	3.034	6	8	10	rVB2	4596	3332	0.13%	0.010%
2	3.057	10	12	15	rBV3	5680	5888	0.24%	0.018%
3	3.151	25	28	34	rBV	20291	27830	1.12%	0.086%
4	3.328	57	58	63	rVB4	3229	3567	0.14%	0.011%
5	3.551	94	96	100	rVB2	3868	4367	0.18%	0.013%
6	3.646	109	112	119	rBV3	18214	23426	0.94%	0.072%
7	3.751	125	130	138	rVB2	20484	33954	1.36%	0.105%
8	3.846	141	146	151	rVB3	6412	12438	0.50%	0.038%
9	3.946	160	163	167	rVV2	12030	16394	0.66%	0.051%
10	4.004	170	173	177	rVB4	3250	4814	0.19%	0.015%
11	4.198	204	206	210	rVB2	2833	2828	0.11%	0.009%
12	4.375	233	236	238	rBV2	2539	2742	0.11%	0.008%
13	4.451	244	249	254	rBV3	2365	3931	0.16%	0.012%
14	4.716	291	294	303	rBV2	28003	53414	2.15%	0.165%
15	4.840	313	315	318	rVB3	3114	3428	0.14%	0.011%
16	5.981	504	509	513	rBV2	14097	18592	0.75%	0.057%
17	6.739	632	638	655	rBV2	350526	793088	31.85%	2.447%
18	6.904	659	666	676	rBV	329407	541748	21.76%	1.672%
19	7.086	690	697	708	rBV	434432	716115	28.76%	2.210%
20	7.157	708	709	714	rVB2	3906	4640	0.19%	0.014%
21	7.551	769	776	785	rBV	604628	1007628	40.46%	3.109%
22	7.616	785	787	788	rVV2	6989	6066	0.24%	0.019%
23	8.128	871	874	877	rBV	2079	2806	0.11%	0.009%
24	8.263	889	897	913	rBV	371302	699020	28.07%	2.157%
25	8.375	913	916	925	rVB2	5532	11662	0.47%	0.036%
26	8.704	964	972	987	rBV	389509	677876	27.22%	2.092%
27	9.086	1031	1037	1041	rBV3	12603	17309	0.70%	0.053%
28	9.416	1087	1093	1111	rBV	345555	603673	24.24%	1.863%
29	9.951	1178	1184	1214	rBV	386302	846550	34.00%	2.612%
30	10.316	1238	1246	1259	rBV	897294	1529105	61.41%	4.718%
31	10.480	1267	1274	1290	rBV	173504	471122	18.92%	1.454%
32	11.945	1518	1523	1526	rBV4	4524	8053	0.32%	0.025%
33	12.798	1662	1668	1671	rVB3	3157	2807	0.11%	0.009%
34	13.621	1802	1808	1812	rBV	962938	1346660	54.08%	4.155%

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35	13.668	1812	1816	1829	rVB	406963	627054	25.18%	1.935%
36	13.886	1847	1853	1869	rBV	1061783	1576423	63.31%	4.864%
37	14.110	1887	1891	1894	rVB2	2064	2699	0.11%	0.008%
38	14.198	1899	1906	1916	rBV2	1254200	1949746	78.30%	6.016%
39	14.457	1942	1950	1966	rBV3	106556	355803	14.29%	1.098%
40	14.645	1979	1982	1983	rBV2	3329	3405	0.14%	0.011%
41	14.704	1990	1992	1996	rVB4	2725	3206	0.13%	0.010%
42	14.733	1996	1997	2003	rVB5	2774	4055	0.16%	0.013%
43	15.009	2040	2044	2048	rBV3	5505	6248	0.25%	0.019%
44	15.045	2048	2050	2057	rVB4	5585	8173	0.33%	0.025%
45	15.198	2070	2076	2091	rBV	1359362	2099928	84.33%	6.480%
46	15.345	2096	2101	2114	rVV	295690	492228	19.77%	1.519%
47	15.445	2114	2118	2128	rVB5	16832	30131	1.21%	0.093%
48	15.621	2144	2148	2150	rBV3	1865	2948	0.12%	0.009%
49	15.768	2171	2173	2174	rBV2	3022	2932	0.12%	0.009%
50	15.851	2183	2187	2190	rBV2	10244	13260	0.53%	0.041%
51	15.933	2196	2201	2202	rBV2	4815	4893	0.20%	0.015%
52	15.986	2209	2210	2213	rVB3	3733	2759	0.11%	0.009%
53	16.109	2228	2231	2235	rBV2	2205	3173	0.13%	0.010%
54	16.156	2237	2239	2245	rVB5	3882	6278	0.25%	0.019%
55	16.245	2249	2254	2257	rBV3	5368	9659	0.39%	0.030%
56	16.515	2296	2300	2308	rBV3	16692	24880	1.00%	0.077%
57	16.727	2330	2336	2337	rBV3	3527	4972	0.20%	0.015%
58	16.739	2337	2338	2342	rVB3	3749	4732	0.19%	0.015%
59	16.956	2369	2375	2380	rBV2	1648990	2311835	92.84%	7.134%
60	16.998	2380	2382	2386	rVV	47999	58243	2.34%	0.180%
61	17.056	2386	2392	2407	rVB	1384864	2055864	82.56%	6.344%
62	17.256	2424	2426	2430	rVB3	4184	3422	0.14%	0.011%
63	17.362	2441	2444	2449	rBV4	6652	12438	0.50%	0.038%
64	17.427	2453	2455	2457	rVB2	3536	2890	0.12%	0.009%
65	17.468	2460	2462	2466	rVB3	2826	3198	0.13%	0.010%
66	17.545	2473	2475	2477	rBV2	2686	2774	0.11%	0.009%
67	17.580	2479	2481	2484	rVB3	2966	2845	0.11%	0.009%
68	17.645	2489	2492	2496	rVB3	5097	6843	0.27%	0.021%
69	17.739	2505	2508	2510	rBV3	4649	6028	0.24%	0.019%
70	17.803	2516	2519	2524	rBV4	3849	6080	0.24%	0.019%
71	17.868	2524	2530	2539	rBV	222969	352674	14.16%	1.088%

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72	18.045	2554	2560	2563	rBV7	6816	13126	0.53%	0.041%
73	18.156	2576	2579	2582	rBV3	8228	9441	0.38%	0.029%
74	18.209	2586	2588	2590	rBV2	2662	3081	0.12%	0.010%
75	18.286	2599	2601	2605	rBV5	2467	3364	0.14%	0.010%
76	18.403	2618	2621	2623	rVB3	3308	4488	0.18%	0.014%
77	18.621	2657	2658	2661	rBV3	3266	2702	0.11%	0.008%
78	18.674	2664	2667	2668	rVV3	3365	3225	0.13%	0.010%
79	18.733	2675	2677	2679	rBV3	3019	3067	0.12%	0.009%
80	18.750	2679	2680	2684	rVB4	5285	5118	0.21%	0.016%
81	18.815	2686	2691	2697	rVB6	9766	22673	0.91%	0.070%
82	19.033	2718	2728	2737	rBV	167102	270886	10.88%	0.836%
83	19.162	2745	2750	2758	rBV2	93757	150886	6.06%	0.466%
84	19.256	2763	2766	2770	rVB3	12049	15699	0.63%	0.048%
85	19.315	2773	2776	2778	rBV3	5518	7143	0.29%	0.022%
86	19.368	2779	2785	2794	rBV	1648492	2475653	99.42%	7.639%
87	19.603	2824	2825	2826	rBV	7227	2866	0.12%	0.009%
88	19.909	2873	2877	2879	rBV5	19315	28985	1.16%	0.089%
89	20.662	3003	3005	3009	rBV5	14747	17132	0.69%	0.053%
90	20.744	3015	3019	3021	rBV5	16409	24368	0.98%	0.075%
91	20.897	3041	3045	3052	rBV3	186012	269005	10.80%	0.830%
92	21.103	3076	3080	3084	rBV3	30888	48915	1.96%	0.151%
93	21.174	3086	3092	3097	rBV	1818268	2490137	100.00%	7.684%
94	21.339	3116	3120	3124	rBV5	46446	65971	2.65%	0.204%
95	21.762	3190	3192	3196	rBV2	61126	63091	2.53%	0.195%
96	22.209	3265	3268	3273	rBV	139389	178910	7.18%	0.552%
97	22.697	3347	3351	3358	rBV2	217907	383770	15.41%	1.184%
98	23.215	3433	3439	3451	rVB	882398	2020028	81.12%	6.233%
99	23.356	3456	3463	3472	rVB2	1010718	1909554	76.68%	5.892%
100	23.856	3543	3548	3553	rVB2	189491	342793	13.77%	1.058%

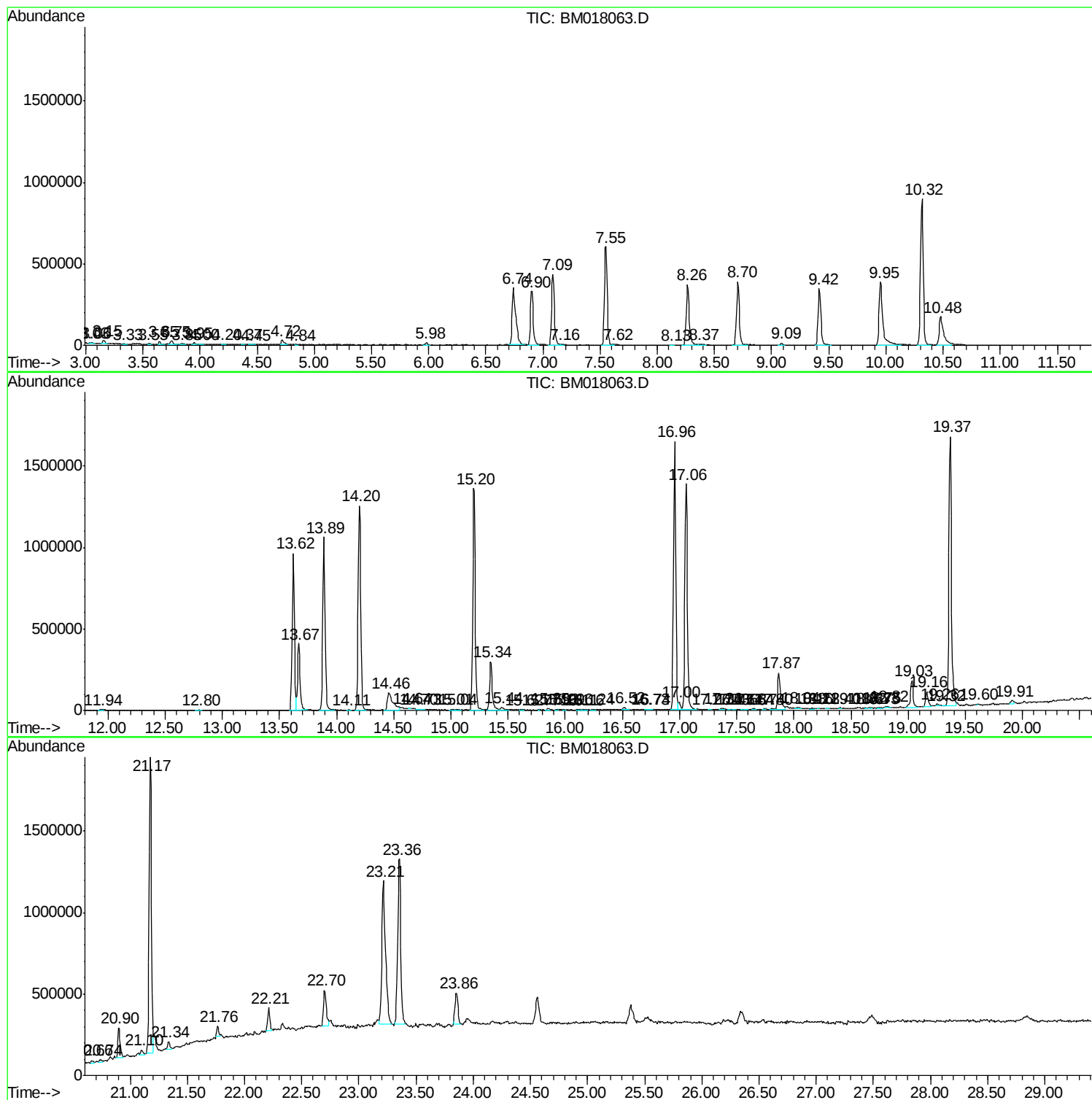
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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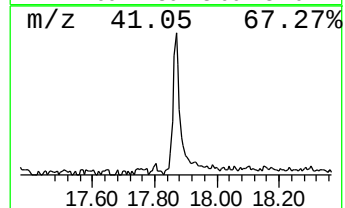
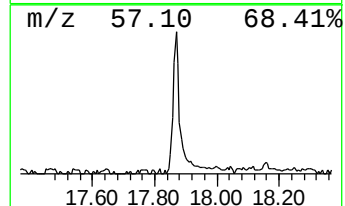
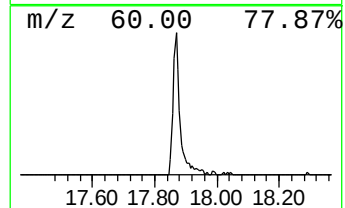
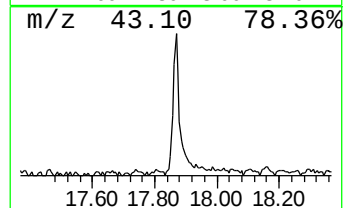
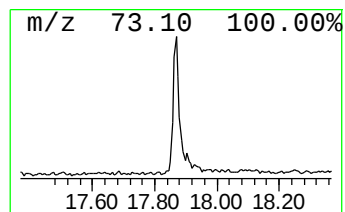
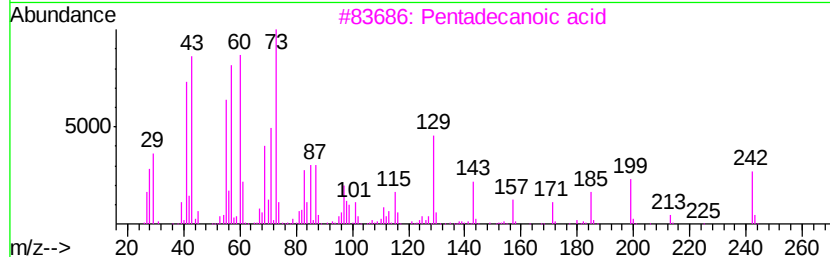
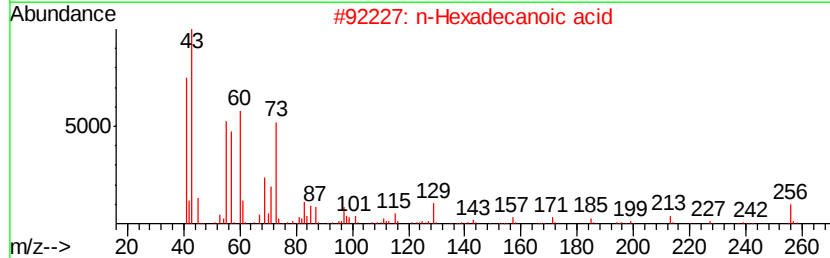
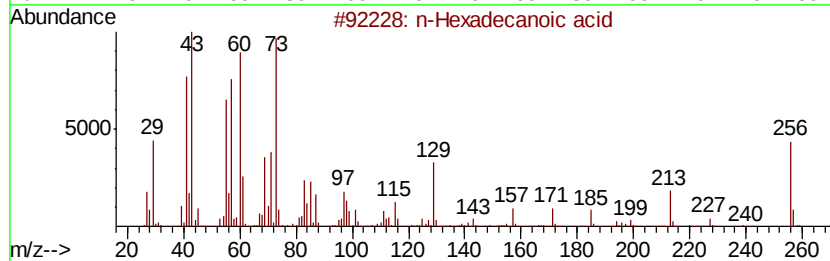
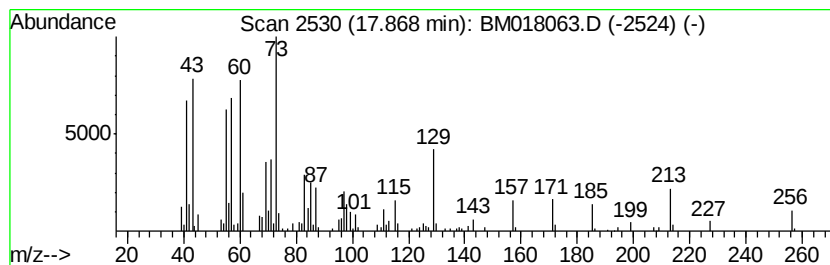
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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.		
17.87	3.05 ng/ul	352674	Phenanthrene-d10	16.96		
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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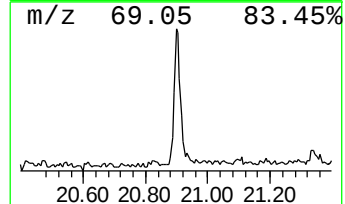
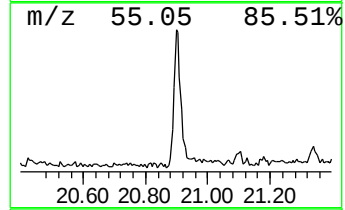
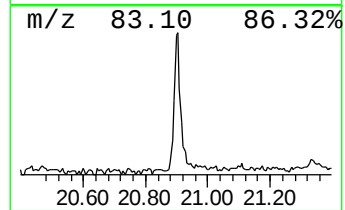
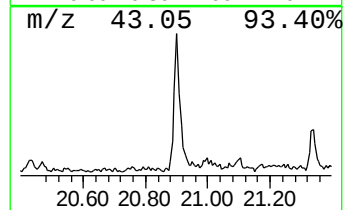
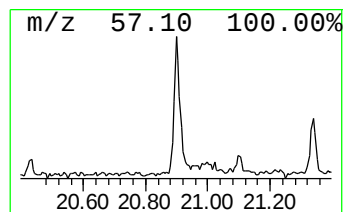
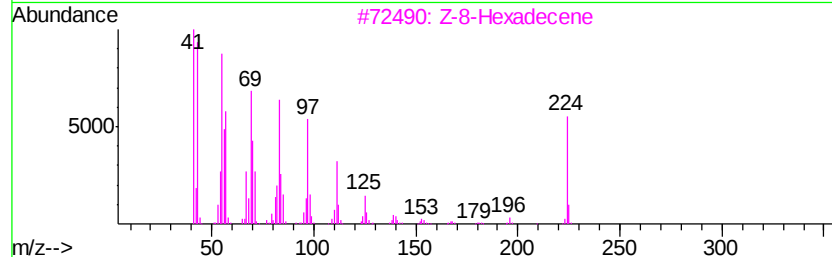
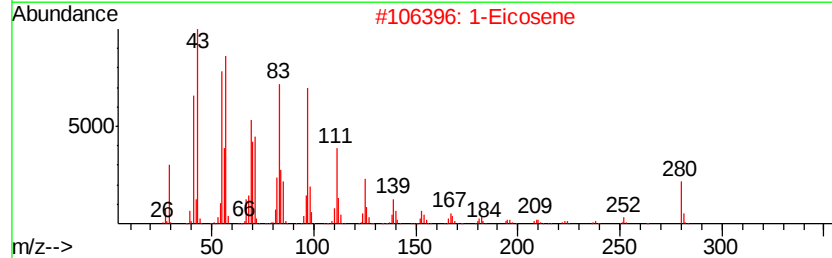
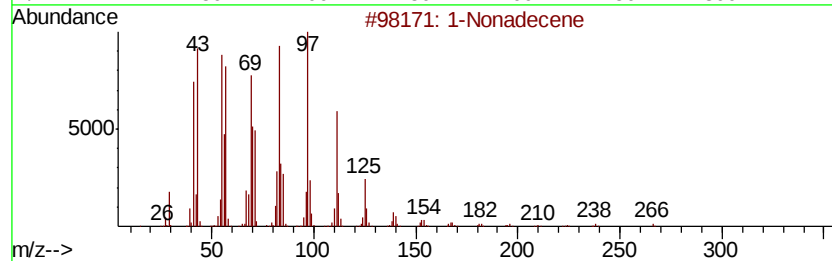
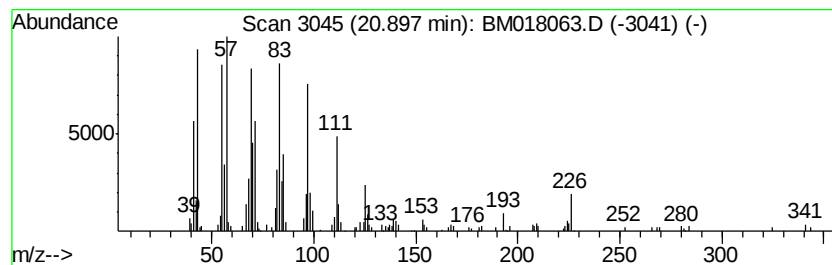
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.16 ng/ul	269005	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		1-Eicosene	280	C20H40	003452-07-1	93
3		Z-8-Hexadecene	224	C16H32	1000130-87-5	93
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91



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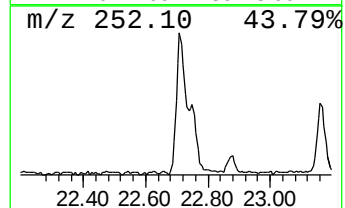
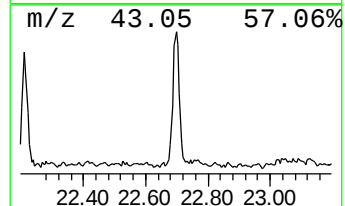
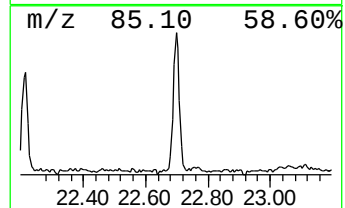
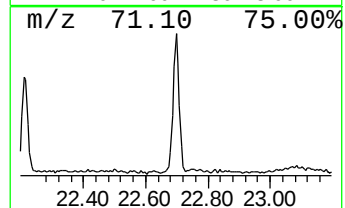
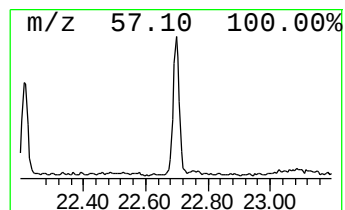
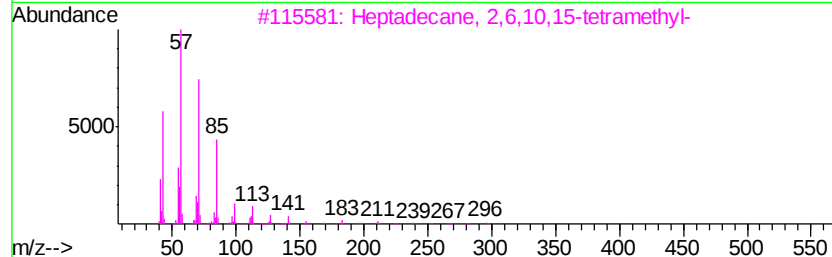
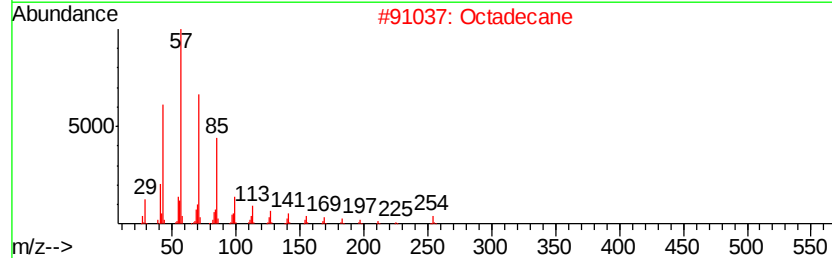
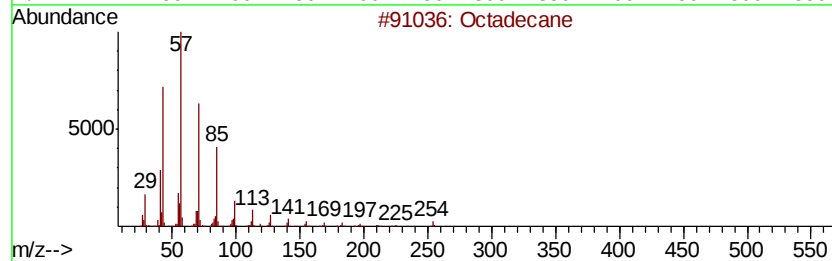
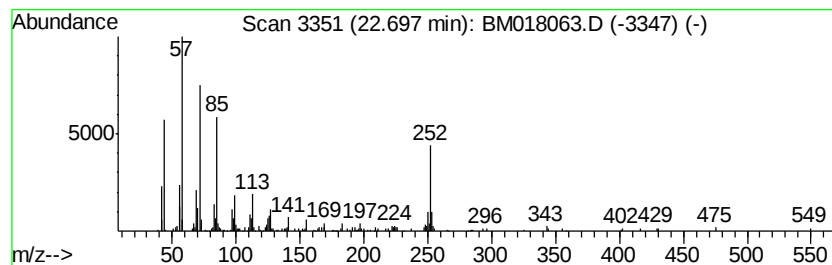
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.02 ng/ul	383770	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Octadecane	254	C18H38	000593-45-3	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	70
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018063.D
Acq On : 11 Dec 2018 18:35
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
F9M14

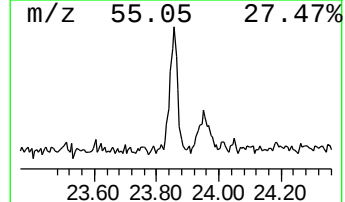
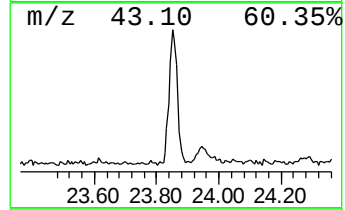
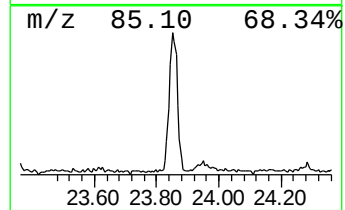
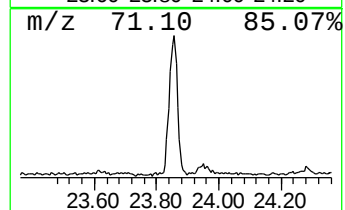
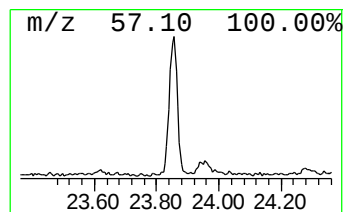
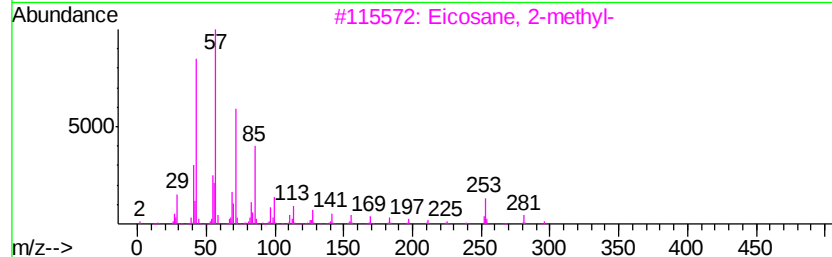
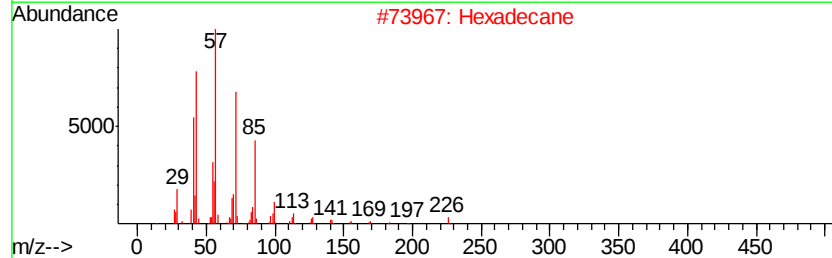
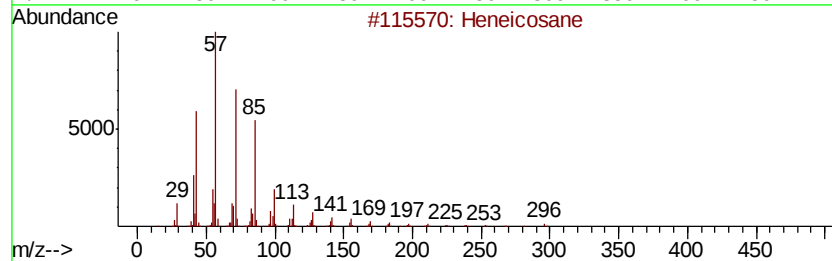
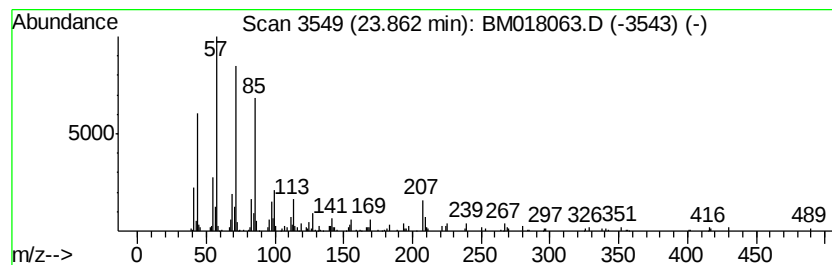
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.59 ng/ul	342793	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	99
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018063.D
Acq On : 11 Dec 2018 18:35
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	17.87	3.0	ng/ul	352674	4	16.96	2311840	20.0
(DEL) Alkane: Cyc...	20.90	2.2	ng/ul	269005	5	21.17	2490140	20.0
(DEL) Alkane: Str...	22.70	4.0	ng/ul	383770	6	23.35	1909550	20.0
(DEL) Alkane: Str...	23.86	3.6	ng/ul	342793	6	23.35	1909550	20.0