

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018055.D
 Acq On : 11 Dec 2018 13:44
 Operator : JU/SJ
 Sample : J6137-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9J12

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	3.157	25	29	34	rBV	29684	43473	1.40%	0.113%
2	3.751	125	130	135	rBV2	20841	35434	1.14%	0.092%
3	3.845	143	146	150	rVB3	5922	8879	0.29%	0.023%
4	3.951	159	164	168	rVB4	14275	20830	0.67%	0.054%
5	4.004	168	173	174	rVB5	2942	3142	0.10%	0.008%
6	4.198	204	206	210	rVB3	3849	5120	0.17%	0.013%
7	4.722	289	295	307	rBV2	27714	62031	2.00%	0.161%
8	5.704	458	462	466	rBV4	3632	4102	0.13%	0.011%
9	5.981	502	509	514	rBV3	11860	17980	0.58%	0.047%
10	6.745	632	639	656	rBV2	474840	1078930	34.78%	2.802%
11	6.904	660	666	676	rVV	452557	722494	23.29%	1.876%
12	7.086	691	697	706	rBV	592653	967123	31.18%	2.511%
13	7.151	706	708	713	rVB6	3880	5372	0.17%	0.014%
14	7.339	734	740	743	rVB3	1823	3175	0.10%	0.008%
15	7.551	769	776	785	rBV	662485	1086485	35.03%	2.821%
16	7.628	785	789	794	rVB4	8123	14512	0.47%	0.038%
17	7.845	822	826	834	rVB5	28010	41799	1.35%	0.109%
18	8.263	890	897	911	rBV	638125	1141092	36.79%	2.963%
19	8.704	965	972	983	rBV	534515	913494	29.45%	2.372%
20	9.092	1033	1038	1043	rVB3	11466	16705	0.54%	0.043%
21	9.416	1086	1093	1109	rBV	447019	807778	26.04%	2.098%
22	9.733	1144	1147	1152	rVB4	6646	9101	0.29%	0.024%
23	9.951	1177	1184	1196	rBV	559375	1103288	35.57%	2.865%
24	10.316	1238	1246	1255	rBV	996407	1610657	51.93%	4.183%
25	10.480	1267	1274	1297	rBV	260978	686624	22.14%	1.783%
26	10.874	1337	1341	1344	rVB3	2341	3765	0.12%	0.010%
27	11.945	1518	1523	1529	rBV4	6043	12170	0.39%	0.032%
28	13.621	1802	1808	1813	rBV	1264917	1846056	59.52%	4.794%
29	13.668	1813	1816	1829	rVB	409714	615574	19.85%	1.599%
30	13.892	1847	1854	1871	rBV	1435123	2189442	70.59%	5.686%
31	14.198	1900	1906	1917	rBV2	1372011	2135028	68.83%	5.544%
32	14.457	1944	1950	1973	rBV2	143772	530429	17.10%	1.377%
33	15.051	2047	2051	2053	rBV2	5711	8421	0.27%	0.022%
34	15.204	2070	2077	2088	rBV	1945538	2764835	89.14%	7.180%

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35	15.351	2095	2102	2114	rBV	389469	649205	20.93%	1.686%
36	15.445	2114	2118	2123	rVV3	22279	38318	1.24%	0.100%
37	15.780	2169	2175	2176	rBV4	3090	4659	0.15%	0.012%
38	15.845	2181	2186	2187	rBV2	1906	3239	0.10%	0.008%
39	15.933	2198	2201	2203	rBV2	4070	4631	0.15%	0.012%
40	15.968	2205	2207	2209	rBV2	4761	3631	0.12%	0.009%
41	16.151	2236	2238	2243	rVB3	2628	3741	0.12%	0.010%
42	16.404	2277	2281	2284	rBV3	2595	3289	0.11%	0.009%
43	16.745	2333	2339	2344	rBV5	6327	12716	0.41%	0.033%
44	16.956	2369	2375	2385	rBV2	1755616	2482059	80.02%	6.445%
45	17.056	2385	2392	2403	rBV	2057873	2896557	93.38%	7.522%
46	17.156	2408	2409	2411	rVV2	6478	5641	0.18%	0.015%
47	17.298	2430	2433	2437	rBV6	5259	6334	0.20%	0.016%
48	17.374	2442	2446	2450	rVB6	4486	5768	0.19%	0.015%
49	17.739	2506	2508	2509	rVV2	3414	3326	0.11%	0.009%
50	17.762	2509	2512	2514	rVB2	4882	5291	0.17%	0.014%
51	17.868	2525	2530	2540	rBV	279443	450956	14.54%	1.171%
52	18.156	2576	2579	2582	rBV5	3810	5732	0.18%	0.015%
53	18.321	2605	2607	2610	rVB4	4254	3363	0.11%	0.009%
54	18.427	2622	2625	2629	rBV4	11161	16647	0.54%	0.043%
55	18.545	2643	2645	2647	rBV3	3908	4360	0.14%	0.011%
56	18.797	2686	2688	2690	rBV3	4456	3597	0.12%	0.009%
57	18.915	2707	2708	2711	rBV3	3400	3180	0.10%	0.008%
58	19.009	2718	2724	2727	rBV3	25868	47980	1.55%	0.125%
59	19.162	2745	2750	2758	rBV	170439	256107	8.26%	0.665%
60	19.256	2762	2766	2771	rVV2	18675	30518	0.98%	0.079%
61	19.309	2773	2775	2776	rVV2	7433	4663	0.15%	0.012%
62	19.368	2778	2785	2793	rVV	2217594	3101812	100.00%	8.055%
63	19.427	2793	2795	2801	rVB4	24253	30214	0.97%	0.078%
64	19.539	2812	2814	2816	rBV3	10407	7993	0.26%	0.021%
65	19.662	2833	2835	2836	rBV2	6377	4112	0.13%	0.011%
66	20.897	3041	3045	3055	rBV	174494	269219	8.68%	0.699%
67	21.174	3087	3092	3100	rBV	1848748	2425977	78.21%	6.300%
68	21.756	3189	3191	3194	rBV3	60041	62656	2.02%	0.163%
69	22.209	3265	3268	3272	rVB2	120926	133403	4.30%	0.346%
70	22.691	3347	3350	3355	rVB	227522	291005	9.38%	0.756%
71	23.209	3432	3438	3450	rVB	1239809	2522155	81.31%	6.550%

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72	23.350	3456	3462	3470	rVB	1042597	1906308	61.46%	4.950%
73	23.844	3543	3546	3553	rVB2	157519	282875	9.12%	0.735%

Sum of corrected areas: 38508577

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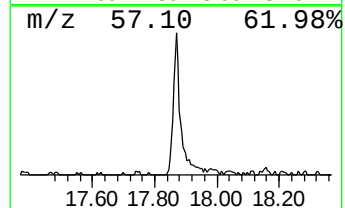
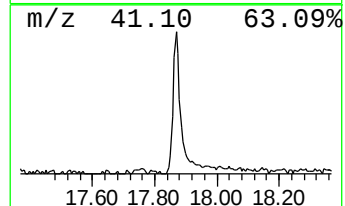
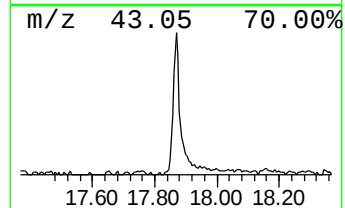
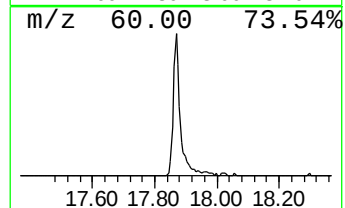
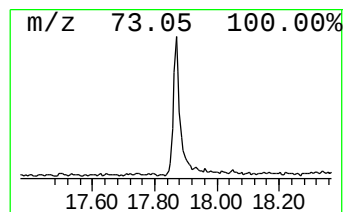
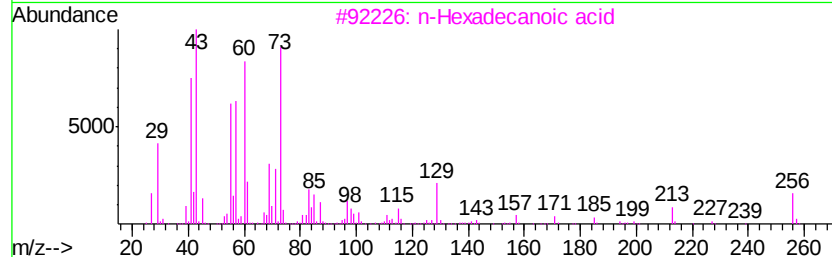
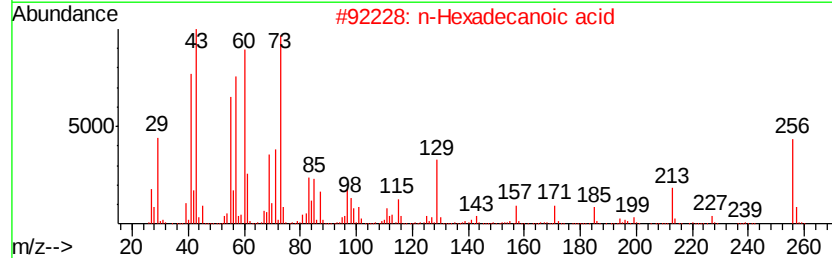
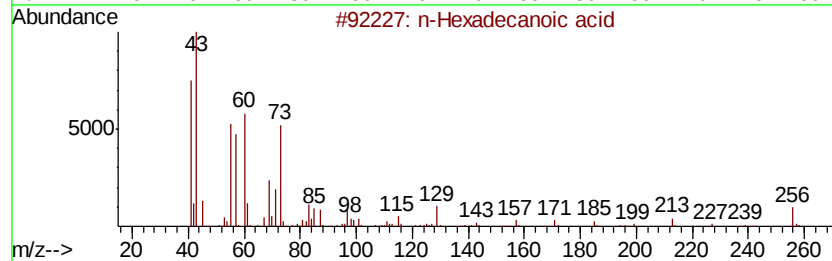
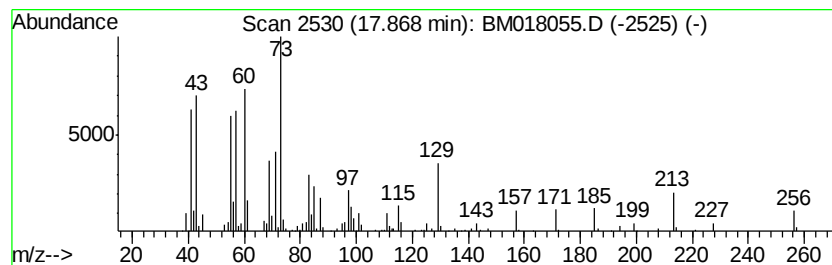
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	3.63 ng/ul	450956	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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	



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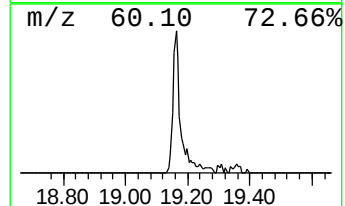
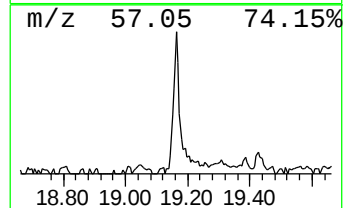
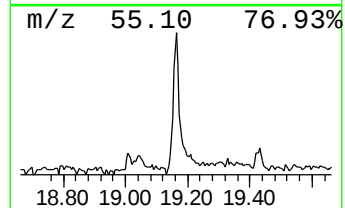
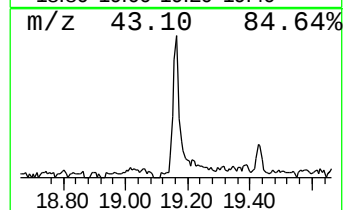
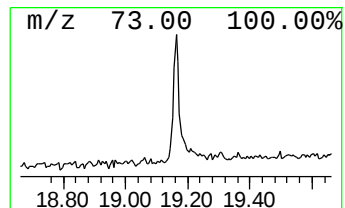
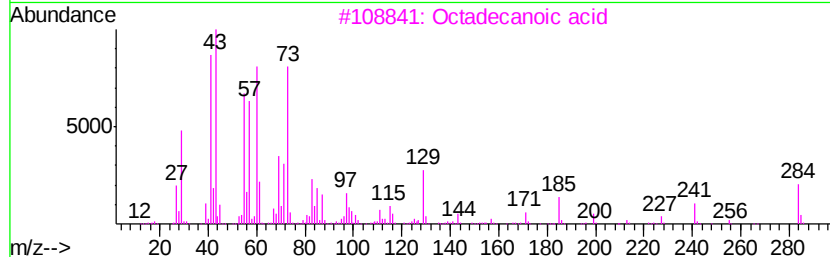
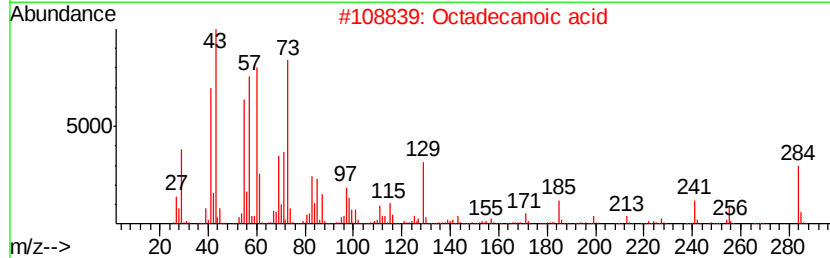
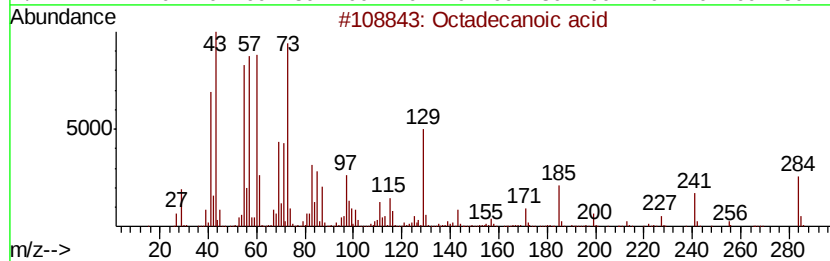
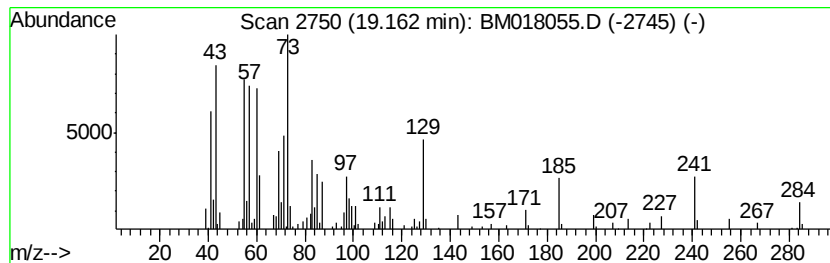
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.11 ng/ul	256107	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	98
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	86



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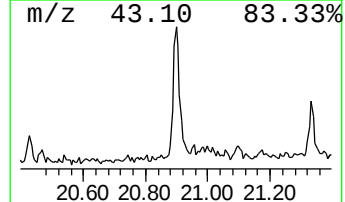
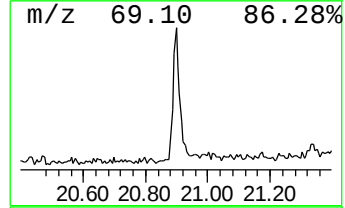
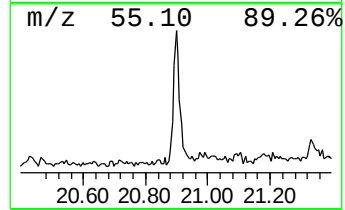
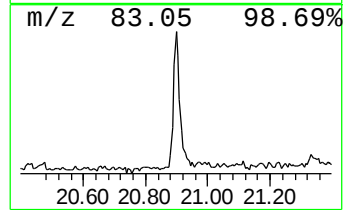
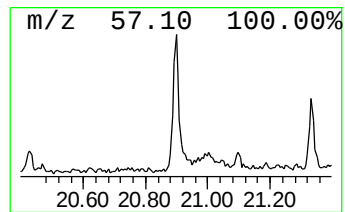
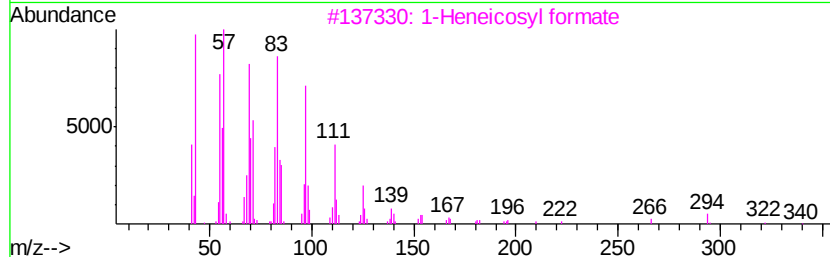
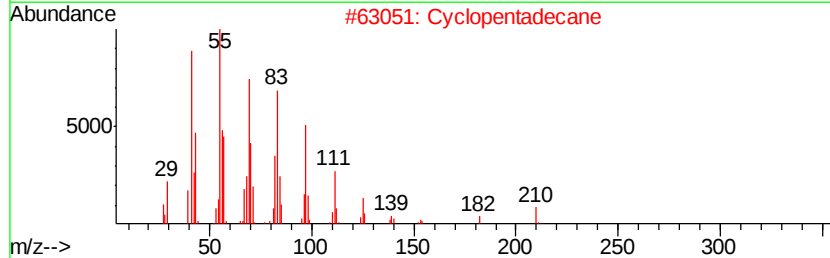
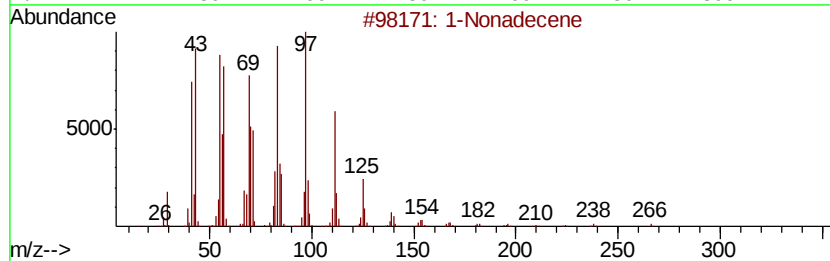
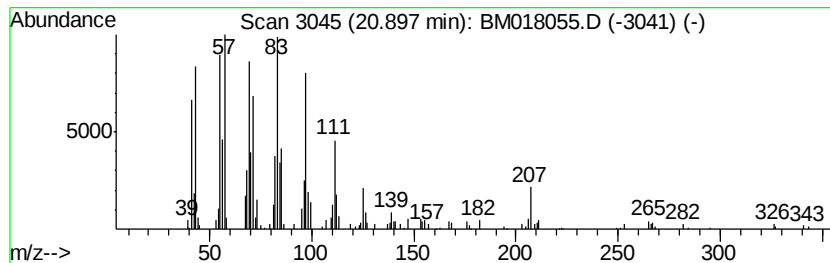
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.22 ng/ul	269219	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		Cyclopentadecane	210	C15H30	000295-48-7	98
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



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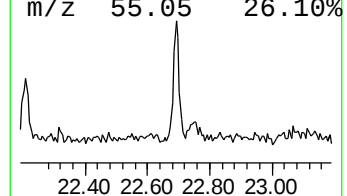
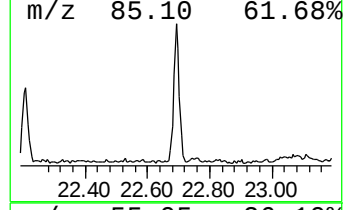
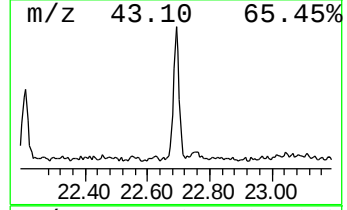
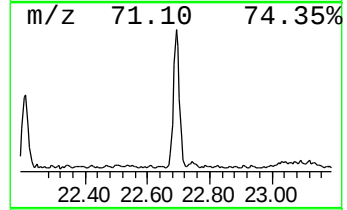
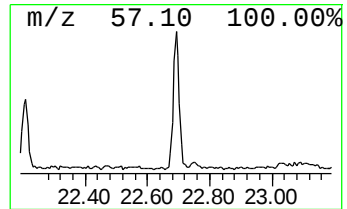
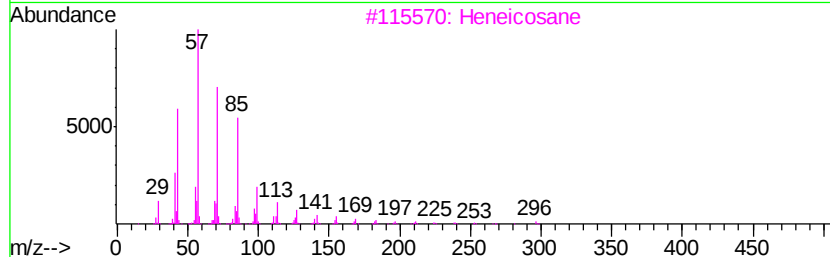
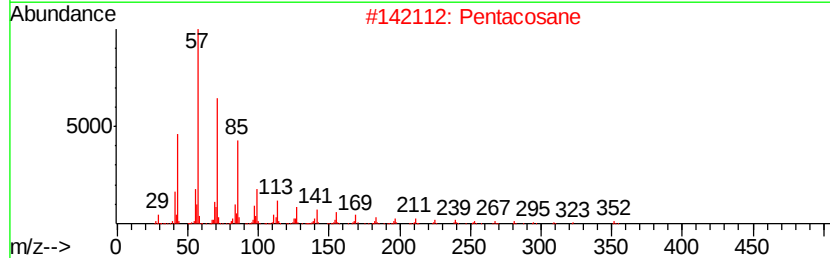
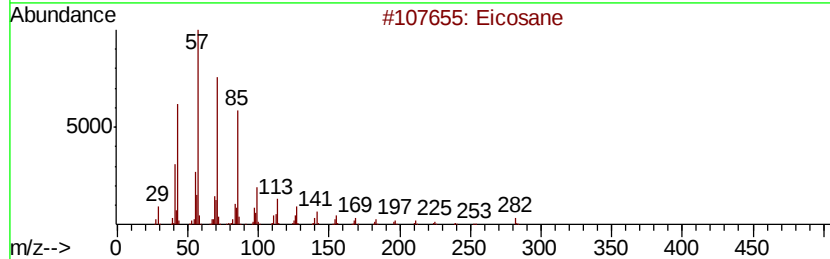
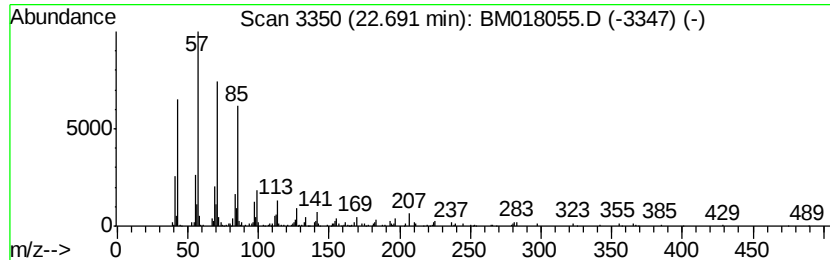
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.05 ng/ul	291005	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018055.D
Acq On : 11 Dec 2018 13:44
Operator : JU/SJ
Sample : J6137-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9J12

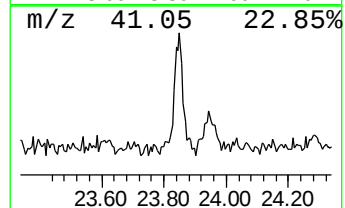
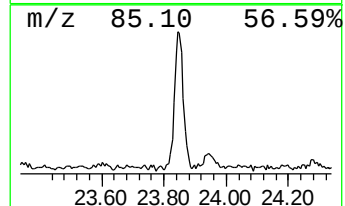
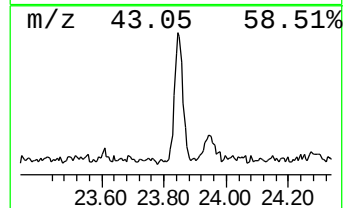
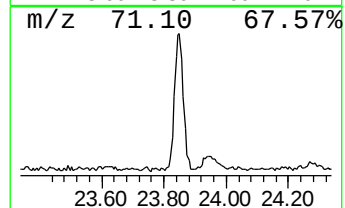
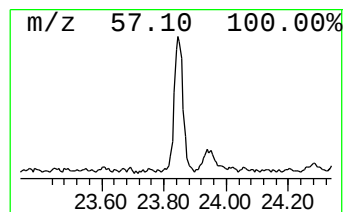
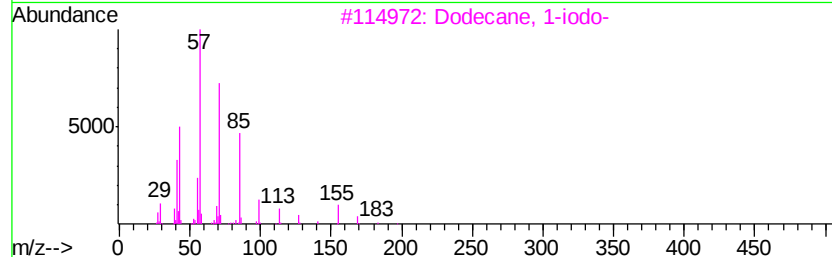
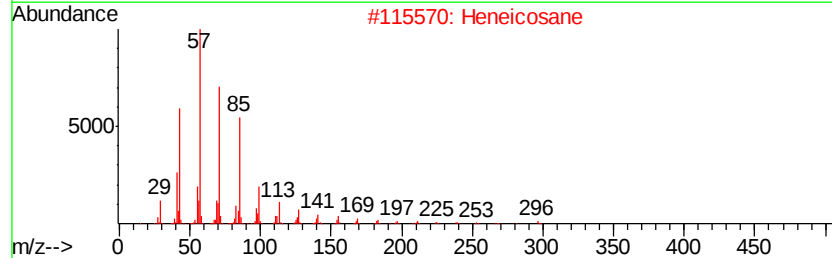
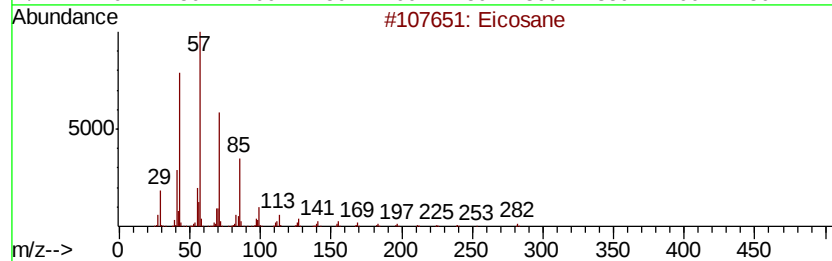
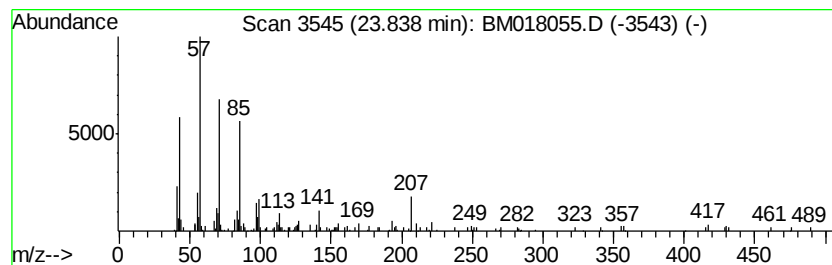
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	2.97 ng/ul	282875	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Heneicosane	296	C21H44	000629-94-7	81
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4		Octadecane	254	C18H38	000593-45-3	64
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018055.D
Acq On : 11 Dec 2018 13:44
Operator : JU/SJ
Sample : J6137-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9J12

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	3.6	ng/ul	450956	4	16.96	2482060	20.0
Octadecanoic acid	19.16	2.1	ng/ul	256107	5	21.17	2425980	20.0
(DEL) Alkane: Cyc...	20.90	2.2	ng/ul	269219	5	21.17	2425980	20.0
(DEL) Alkane: Str...	22.69	3.0	ng/ul	291005	6	23.35	1906310	20.0
(DEL) Alkane: Str...	23.84	3.0	ng/ul	282875	6	23.35	1906310	20.0