

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018118.D
 Acq On : 13 Dec 2018 06:31
 Operator : JU/SJ
 Sample : J6236-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E98

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	3.116	20	22	24	rVB3	3768	3098	0.11%	0.010%
2	3.152	24	28	36	rVB2	17309	30346	1.04%	0.094%
3	3.281	48	50	54	rVB2	4372	5417	0.18%	0.017%
4	3.328	54	58	59	rBV3	2671	3302	0.11%	0.010%
5	3.452	75	79	82	rBV4	2971	4807	0.16%	0.015%
6	3.546	92	95	99	rVB4	4179	6854	0.23%	0.021%
7	3.640	105	111	114	rBV5	10206	15164	0.52%	0.047%
8	3.746	123	129	135	rVB2	26343	46570	1.59%	0.144%
9	3.840	143	145	151	rVB2	3185	4318	0.15%	0.013%
10	3.940	158	162	169	rVV	26401	41370	1.41%	0.128%
11	3.993	169	171	176	rVB4	2438	3029	0.10%	0.009%
12	4.163	198	200	203	rBV2	2802	4181	0.14%	0.013%
13	4.199	203	206	209	rVV4	5350	6352	0.22%	0.020%
14	4.252	211	215	219	rVB4	4941	8163	0.28%	0.025%
15	4.710	289	293	303	rBV	45830	79697	2.72%	0.247%
16	5.969	501	507	514	rVB	27244	43440	1.48%	0.135%
17	6.675	623	627	631	rVB5	3365	5890	0.20%	0.018%
18	6.740	631	638	651	rBV2	289703	655597	22.37%	2.032%
19	6.898	659	665	676	rBV	266837	441897	15.08%	1.369%
20	7.081	690	696	707	rBV	361689	601851	20.53%	1.865%
21	7.151	707	708	712	rVB2	4126	3644	0.12%	0.011%
22	7.369	741	745	746	rBV	4065	3716	0.13%	0.012%
23	7.540	768	774	785	rBV	536609	867510	29.60%	2.688%
24	8.257	890	896	914	rBV	345674	649380	22.16%	2.012%
25	8.375	914	916	922	rVB2	1960	3500	0.12%	0.011%
26	8.698	963	971	990	rBV	342345	596177	20.34%	1.847%
27	9.081	1029	1036	1043	rBV	19517	28961	0.99%	0.090%
28	9.410	1086	1092	1107	rBV	299742	523624	17.86%	1.623%
29	9.945	1177	1183	1199	rBV	353511	733133	25.01%	2.272%
30	10.304	1237	1244	1256	rVB	778710	1332798	45.47%	4.130%
31	10.469	1265	1272	1294	rBV	255182	649536	22.16%	2.013%
32	11.733	1483	1487	1491	rBV3	5471	7033	0.24%	0.022%
33	11.933	1517	1521	1523	rBV2	3697	4735	0.16%	0.015%
34	12.533	1619	1623	1626	rBV3	1988	3042	0.10%	0.009%

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35	13.439	1773	1777	1783	rVB5	7031	8865	0.30%	0.027%
36	13.498	1783	1787	1791	rBV4	11052	14393	0.49%	0.045%
37	13.616	1799	1807	1812	rBV	848433	1241067	42.34%	3.846%
38	13.663	1812	1815	1823	rVB	119859	186485	6.36%	0.578%
39	13.880	1845	1852	1868	rBV	996113	1468902	50.12%	4.552%
40	14.098	1884	1889	1898	rVB2	4325	7134	0.24%	0.022%
41	14.192	1898	1905	1920	rBV2	1220982	1860678	63.48%	5.766%
42	14.451	1944	1949	1964	rBV2	123890	383920	13.10%	1.190%
43	14.657	1976	1984	1990	rVB9	9642	21662	0.74%	0.067%
44	14.804	2002	2009	2012	rVB5	3065	5897	0.20%	0.018%
45	15.004	2038	2043	2047	rBV4	3056	4985	0.17%	0.015%
46	15.045	2047	2050	2056	rBV4	6799	12549	0.43%	0.039%
47	15.192	2069	2075	2086	rBV	1241627	1869500	63.78%	5.793%
48	15.345	2095	2101	2111	rBV	223625	362656	12.37%	1.124%
49	15.439	2114	2117	2121	rVV2	18016	25851	0.88%	0.080%
50	15.469	2121	2122	2126	rVV3	3777	3467	0.12%	0.011%
51	15.610	2144	2146	2150	rVB3	3390	4064	0.14%	0.013%
52	15.921	2196	2199	2201	rBV2	6291	6043	0.21%	0.019%
53	16.151	2235	2238	2242	rBV4	4499	4182	0.14%	0.013%
54	16.251	2253	2255	2259	rBV4	3167	5566	0.19%	0.017%
55	16.380	2273	2277	2281	rBV4	6411	8359	0.29%	0.026%
56	16.504	2296	2298	2301	rBV4	3670	4684	0.16%	0.015%
57	16.686	2324	2329	2331	rVB3	3205	4221	0.14%	0.013%
58	16.721	2331	2335	2336	rBV	8357	8568	0.29%	0.027%
59	16.868	2357	2360	2364	rBV4	6174	9337	0.32%	0.029%
60	16.951	2368	2374	2380	rBV	1666987	2257813	77.03%	6.997%
61	17.051	2385	2391	2403	rVV	1375269	1976290	67.43%	6.124%
62	17.151	2406	2408	2411	rVB3	5303	4175	0.14%	0.013%
63	17.245	2422	2424	2426	rBV3	3210	3205	0.11%	0.010%
64	17.357	2438	2443	2452	rVB5	27703	48884	1.67%	0.151%
65	17.457	2457	2460	2463	rBV3	5364	5395	0.18%	0.017%
66	17.545	2473	2475	2480	rVB6	5463	7801	0.27%	0.024%
67	17.610	2480	2486	2487	rBV4	3770	6873	0.23%	0.021%
68	17.633	2487	2490	2497	rVB5	6879	14279	0.49%	0.044%
69	17.692	2497	2500	2504	rBV2	4109	6994	0.24%	0.022%
70	17.739	2504	2508	2509	rBV3	5730	7771	0.27%	0.024%
71	17.798	2516	2518	2522	rVB5	6666	6706	0.23%	0.021%

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72	17.862	2522	2529	2540	rBV2	260718	438575	14.96%	1.359%
73	18.068	2562	2564	2567	rVB4	4434	4928	0.17%	0.015%
74	18.198	2584	2586	2589	rBV4	2988	2999	0.10%	0.009%
75	18.645	2660	2662	2665	rBV4	4285	3775	0.13%	0.012%
76	18.733	2672	2677	2684	rBV	111139	171794	5.86%	0.532%
77	18.804	2687	2689	2690	rVV2	5939	4444	0.15%	0.014%
78	18.821	2690	2692	2694	rVB2	5818	4060	0.14%	0.013%
79	18.921	2707	2709	2711	rBV3	4549	4055	0.14%	0.013%
80	18.998	2718	2722	2724	rBV3	18315	27218	0.93%	0.084%
81	19.027	2725	2727	2731	rVB2	16349	19744	0.67%	0.061%
82	19.156	2744	2749	2758	rBV2	129951	207008	7.06%	0.641%
83	19.245	2761	2764	2767	rVV3	14745	16908	0.58%	0.052%
84	19.304	2770	2774	2777	rBV	65312	65630	2.24%	0.203%
85	19.356	2777	2783	2793	rBV	1658634	2363867	80.65%	7.325%
86	20.056	2900	2902	2904	rBV3	12250	10806	0.37%	0.033%
87	20.251	2931	2935	2939	rVB5	56978	73788	2.52%	0.229%
88	20.362	2950	2954	2959	rBV3	54082	60871	2.08%	0.189%
89	20.892	3039	3044	3049	rBV	202010	301331	10.28%	0.934%
90	21.168	3085	3091	3104	rBV	2119838	2931058	100.00%	9.083%
91	22.197	3263	3266	3269	rBV2	138808	145377	4.96%	0.450%
92	22.680	3345	3348	3355	rBV2	170741	245937	8.39%	0.762%
93	23.197	3430	3436	3449	rVB	1223538	2522119	86.05%	7.816%
94	23.339	3453	3460	3473	rVB	1449820	2619401	89.37%	8.117%
95	23.833	3540	3544	3552	rVB2	190122	365034	12.45%	1.131%
96	24.538	3660	3664	3675	rVB3	171736	362174	12.36%	1.122%

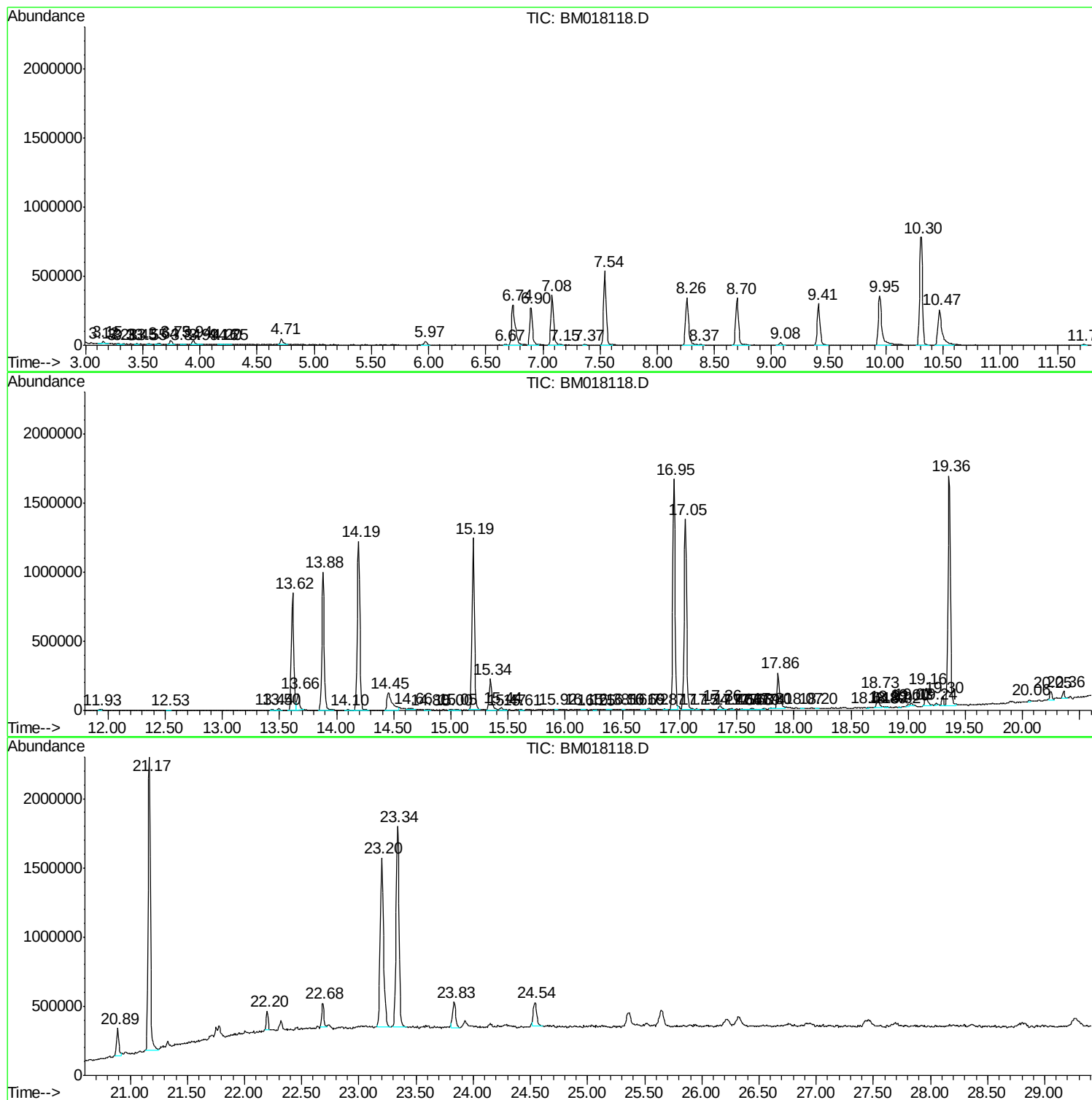
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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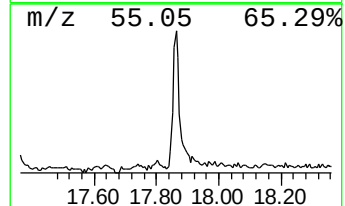
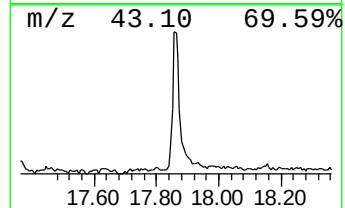
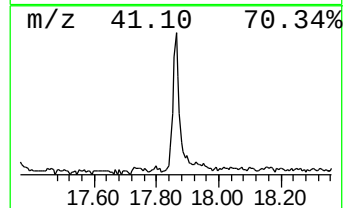
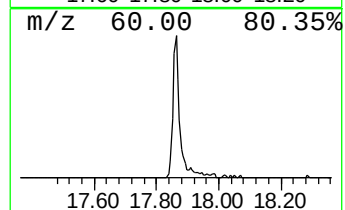
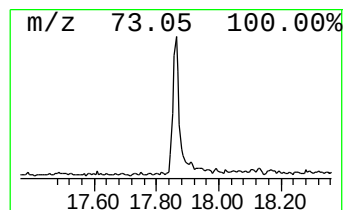
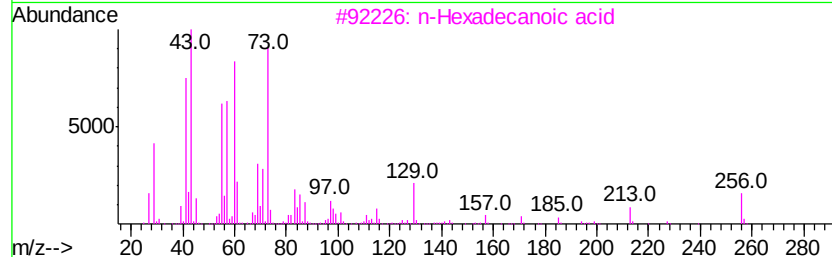
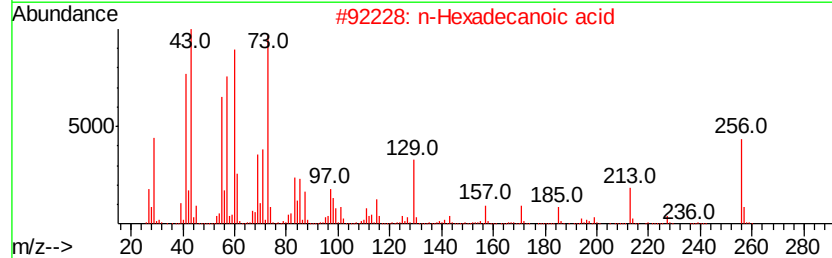
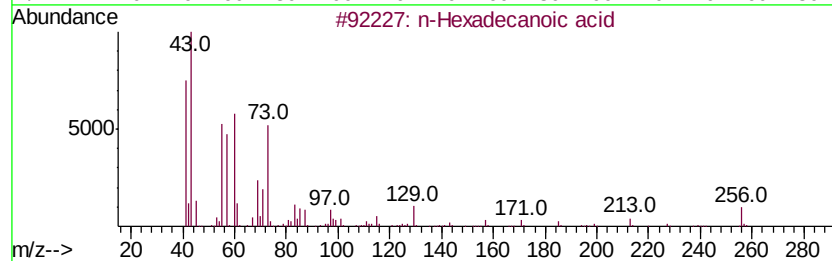
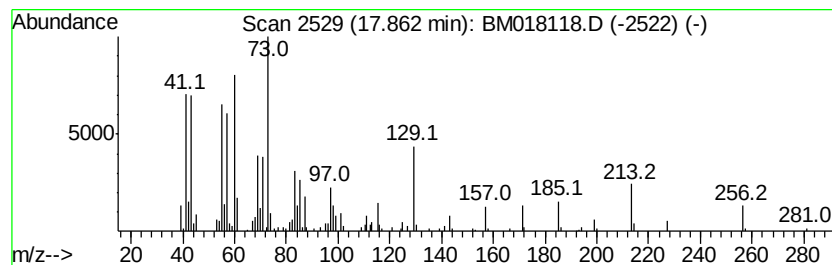
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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.		
17.86	3.88 ng/ul	438575	Phenanthrene-d10		16.95		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	74



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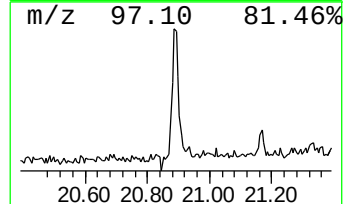
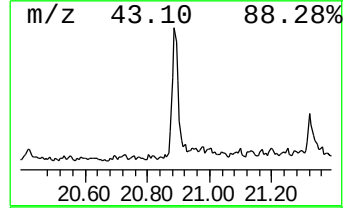
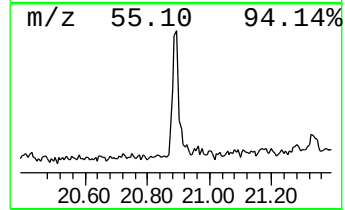
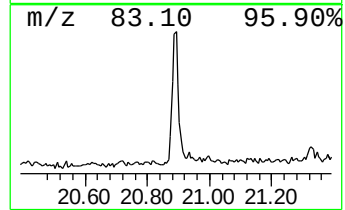
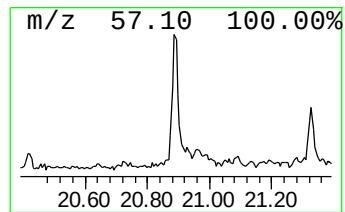
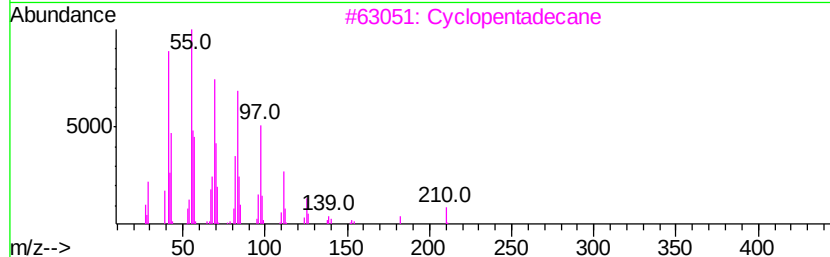
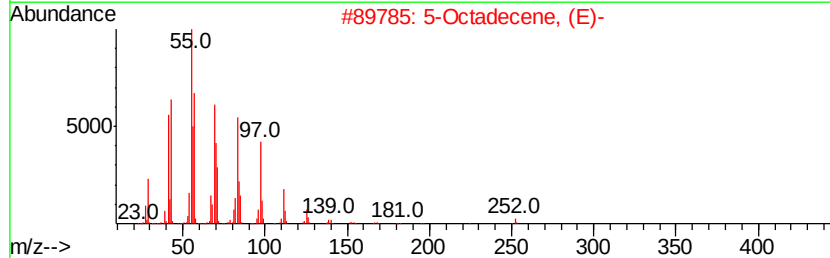
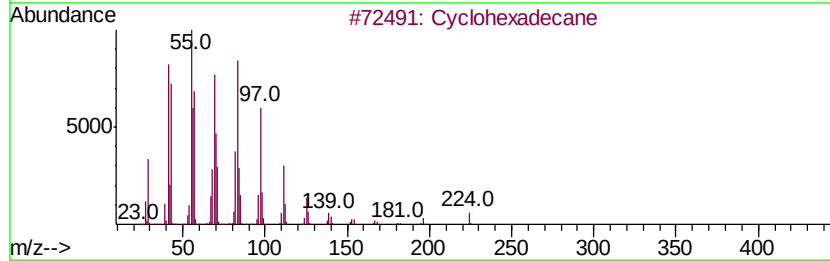
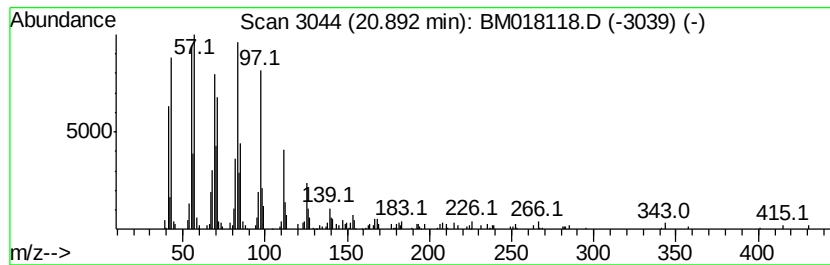
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.06 ng/ul	301331	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 97
2		5-Octadecene, (E)-	252 C18H36	007206-21-5 95
3		Cyclopentadecane	210 C15H30	000295-48-7 94
4		2-Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8 94
5		1-Nonadecene	266 C19H38	018435-45-5 94



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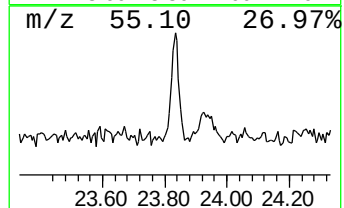
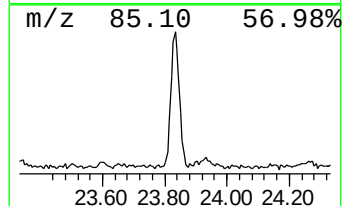
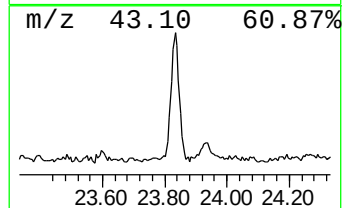
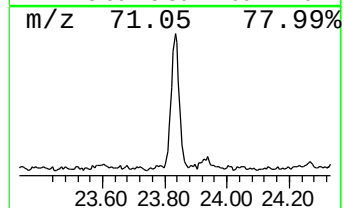
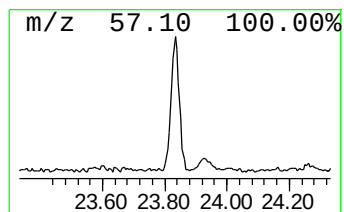
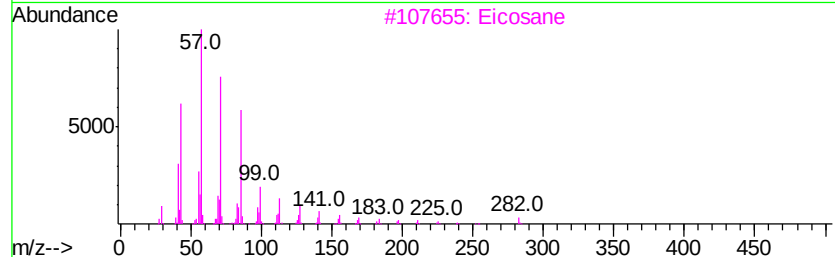
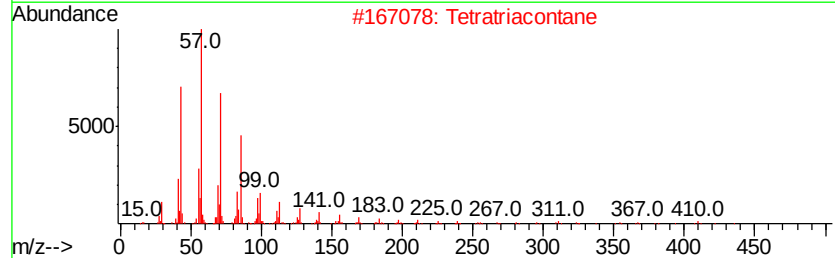
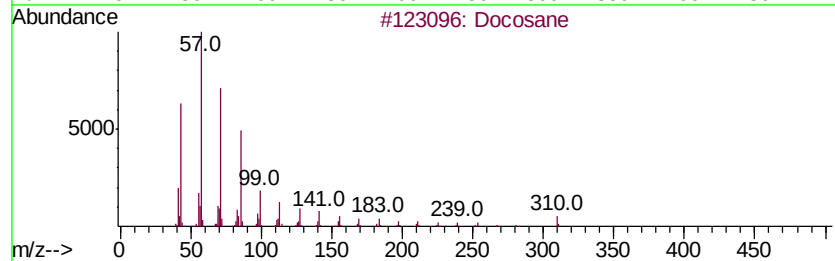
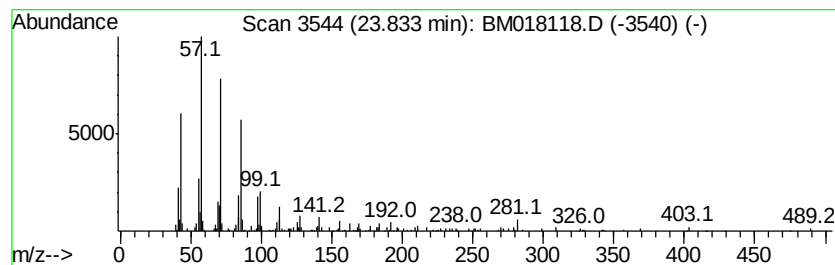
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.79 ng/ul	365034	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Tetratriacontane	479	C34H70	014167-59-0	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87



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ClientSampleId :
F9E98

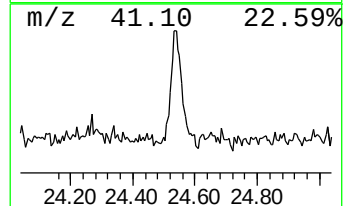
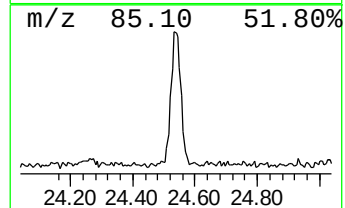
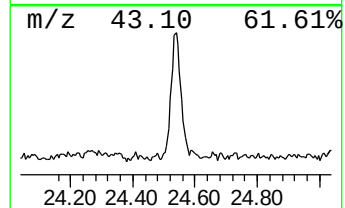
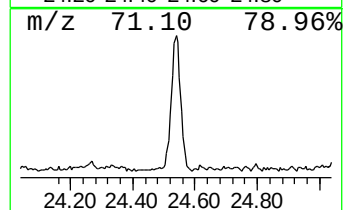
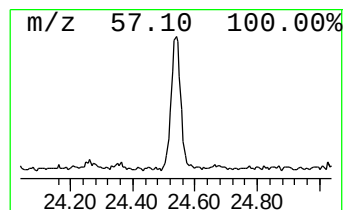
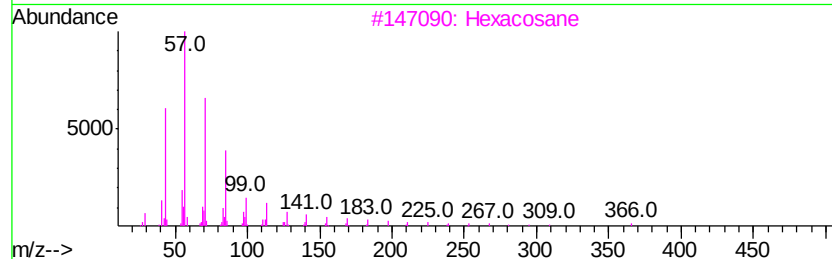
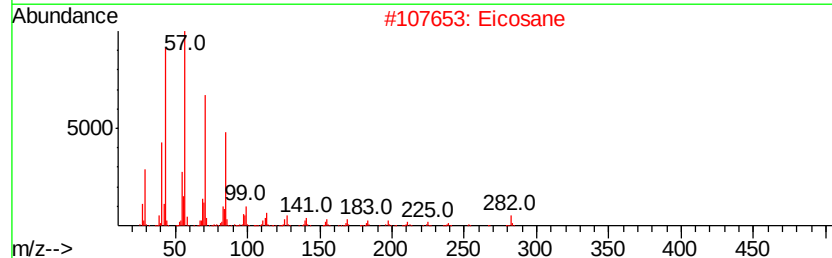
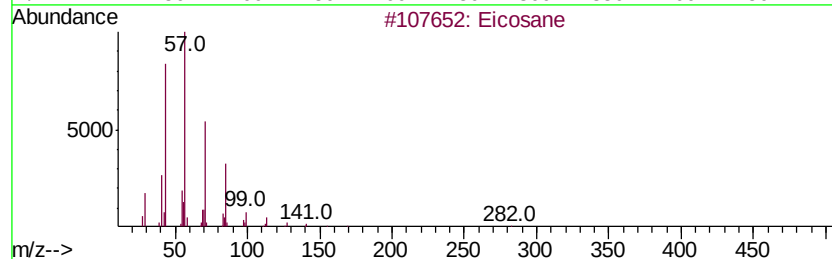
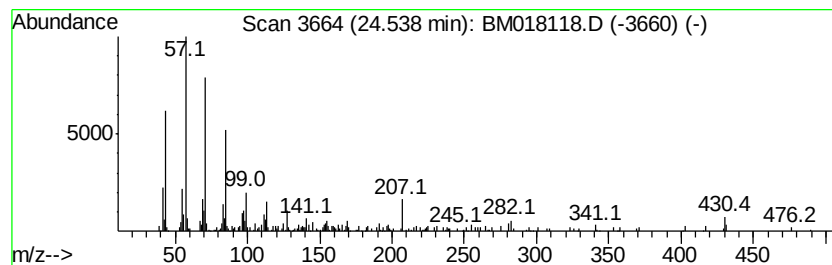
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	2.77 ng/ul	362174	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018118.D
Acq On : 13 Dec 2018 06:31
Operator : JU/SJ
Sample : J6236-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E98

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	17.86	3.9	ng/ul	438575	4	16.95	2257810	20.0
(DEL) Alkane: Cyc...	20.89	2.1	ng/ul	301331	5	21.17	2931060	20.0
(DEL) Alkane: Str...	23.83	2.8	ng/ul	365034	6	23.34	2619400	20.0
(DEL) Alkane: Str...	24.54	2.8	ng/ul	362174	6	23.34	2619400	20.0