

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025687.D
 Acq On : 21 Mar 2020 07:34
 Operator : CG/JU
 Sample : L1977-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AH7

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-BM031420MA.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	3.146	40	44	50	rVB	38635	53006	1.18%	0.108%
2	3.763	147	149	154	rVB5	8856	11750	0.26%	0.024%
3	3.852	161	164	169	rVB	15632	18722	0.42%	0.038%
4	4.746	313	316	321	rBV2	10440	15364	0.34%	0.031%
5	6.757	651	658	668	rBV	658258	1044454	23.27%	2.136%
6	6.922	680	686	697	rBV	494118	759596	16.92%	1.553%
7	7.110	712	718	731	rVB	672715	1059595	23.60%	2.167%
8	7.575	791	797	808	rBV	738104	1089311	24.27%	2.228%
9	7.657	808	811	817	rVB7	8593	11830	0.26%	0.024%
10	8.028	871	874	876	rBV4	3742	4770	0.11%	0.010%
11	8.281	910	917	925	rBV	769032	1199266	26.72%	2.453%
12	8.716	984	991	998	rBV	650408	1010830	22.52%	2.067%
13	8.898	1018	1022	1027	rVB5	6065	7644	0.17%	0.016%
14	9.198	1067	1073	1078	rVB3	14254	22780	0.51%	0.047%
15	9.434	1106	1113	1121	rBV	519276	819228	18.25%	1.675%
16	9.969	1198	1204	1212	rBV	854560	1331870	29.67%	2.724%
17	10.339	1260	1267	1275	rBV	979475	1582634	35.26%	3.237%
18	10.480	1284	1291	1301	rBV	768551	1305239	29.08%	2.669%
19	10.986	1372	1377	1383	rVB4	6761	11608	0.26%	0.024%
20	11.939	1533	1539	1543	rBV2	12943	20133	0.45%	0.041%
21	13.063	1728	1730	1736	rVB4	3316	5500	0.12%	0.011%
22	13.133	1736	1742	1746	rBV5	12541	20149	0.45%	0.041%
23	13.633	1820	1827	1831	rBV	1536296	2057661	45.84%	4.208%
24	13.680	1831	1835	1844	rVB	144674	203909	4.54%	0.417%
25	13.904	1866	1873	1883	rBV	1711203	2481133	55.27%	5.074%
26	14.216	1919	1926	1932	rVB	1462994	2148694	47.87%	4.394%
27	14.274	1932	1936	1942	rVB5	11969	18539	0.41%	0.038%
28	14.416	1954	1960	1975	rBV	677310	976153	21.75%	1.996%
29	14.610	1991	1993	1996	rVV3	7808	11058	0.25%	0.023%
30	14.645	1996	1999	2006	rVB7	12161	23740	0.53%	0.049%
31	14.851	2029	2034	2037	rBV3	4233	6929	0.15%	0.014%
32	15.051	2064	2068	2071	rBV3	6432	7871	0.18%	0.016%
33	15.110	2073	2078	2080	rVB4	5513	7227	0.16%	0.015%
34	15.210	2089	2095	2101	rBV	2237059	3061009	68.19%	6.260%

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35	15.263	2101	2104	2111	rVB2	13314	18747	0.42%	0.038%
36	15.333	2111	2116	2127	rVB	618255	812115	18.09%	1.661%
37	15.451	2131	2136	2140	rVB2	20068	27510	0.61%	0.056%
38	15.557	2151	2154	2159	rVB5	4236	7735	0.17%	0.016%
39	15.663	2169	2172	2176	rBV6	4068	6102	0.14%	0.012%
40	15.915	2212	2215	2217	rBV4	4566	4555	0.10%	0.009%
41	15.968	2221	2224	2226	rBV4	5484	5619	0.13%	0.011%
42	16.004	2226	2230	2233	rVB3	7162	9786	0.22%	0.020%
43	16.515	2314	2317	2322	rBV2	15248	19222	0.43%	0.039%
44	16.645	2337	2339	2343	rVB5	4807	4890	0.11%	0.010%
45	16.698	2343	2348	2350	rBV3	3388	5116	0.11%	0.010%
46	16.751	2350	2357	2359	rBV4	5626	10135	0.23%	0.021%
47	16.886	2376	2380	2383	rBV6	2891	4604	0.10%	0.009%
48	16.957	2386	2392	2397	rVV	1811891	2505186	55.81%	5.123%
49	16.998	2397	2399	2403	rVV	164803	195010	4.34%	0.399%
50	17.057	2403	2409	2420	rVB	2499475	3353194	74.70%	6.858%
51	17.362	2457	2461	2468	rVB3	9967	18294	0.41%	0.037%
52	17.480	2479	2481	2486	rBV5	5948	8456	0.19%	0.017%
53	17.833	2535	2541	2545	rBV2	15616	27447	0.61%	0.056%
54	17.880	2545	2549	2557	rBV2	228057	318482	7.09%	0.651%
55	18.027	2568	2574	2578	rBV3	24145	39903	0.89%	0.082%
56	18.062	2578	2580	2586	rVB4	14395	16123	0.36%	0.033%
57	18.180	2596	2600	2606	rBV7	17078	28290	0.63%	0.058%
58	18.339	2622	2627	2630	rBV4	10900	14875	0.33%	0.030%
59	18.374	2630	2633	2635	rVB3	7247	6017	0.13%	0.012%
60	18.586	2667	2669	2674	rVB6	5111	5905	0.13%	0.012%
61	18.686	2682	2686	2691	rBV7	4250	8489	0.19%	0.017%
62	18.756	2694	2698	2704	rVV8	20223	31184	0.69%	0.064%
63	18.821	2704	2709	2714	rBV6	9784	16740	0.37%	0.034%
64	18.992	2731	2738	2739	rBV2	29255	42375	0.94%	0.087%
65	19.021	2739	2743	2750	rVB	255473	340730	7.59%	0.697%
66	19.168	2765	2768	2775	rBV3	82540	116417	2.59%	0.238%
67	19.245	2777	2781	2788	rVV2	26271	46634	1.04%	0.095%
68	19.356	2793	2800	2812	rBV	3173169	4459798	99.35%	9.121%
69	19.445	2813	2815	2816	rBV2	6761	4612	0.10%	0.009%
70	19.568	2831	2836	2841	rBV4	11503	27291	0.61%	0.056%
71	19.715	2857	2861	2867	rBV6	15030	24393	0.54%	0.050%

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72	19.856	2880	2885	2886	rBV5	12701	21280	0.47%	0.044%
73	19.886	2886	2890	2892	rBV3	22372	31671	0.71%	0.065%
74	19.945	2897	2900	2904	rVV3	20058	25883	0.58%	0.053%
75	19.986	2904	2907	2910	rVV4	19866	26428	0.59%	0.054%
76	20.039	2914	2916	2921	rVB5	20417	26722	0.60%	0.055%
77	20.439	2982	2984	2987	rVB	27216	23915	0.53%	0.049%
78	20.892	3057	3061	3073	rBV	622704	744887	16.59%	1.523%
79	21.150	3098	3105	3109	rBV	2463678	3095126	68.95%	6.330%
80	21.180	3109	3110	3118	rVB	118499	139577	3.11%	0.285%
81	21.339	3134	3137	3141	rVB	135695	132729	2.96%	0.271%
82	21.762	3206	3209	3215	rVB2	237338	294599	6.56%	0.602%
83	22.209	3281	3285	3289	rBV	242915	289827	6.46%	0.593%
84	22.668	3359	3363	3364	rBV	94711	138659	3.09%	0.284%
85	22.691	3364	3367	3373	rVB2	303326	451282	10.05%	0.923%
86	23.168	3441	3448	3454	rBV	2629625	4488972	100.00%	9.180%
87	23.233	3456	3459	3464	rVB	289770	421237	9.38%	0.861%
88	23.303	3464	3471	3482	rVB	1683899	3131245	69.75%	6.404%
89	23.850	3560	3564	3570	rVB2	238225	412006	9.18%	0.843%

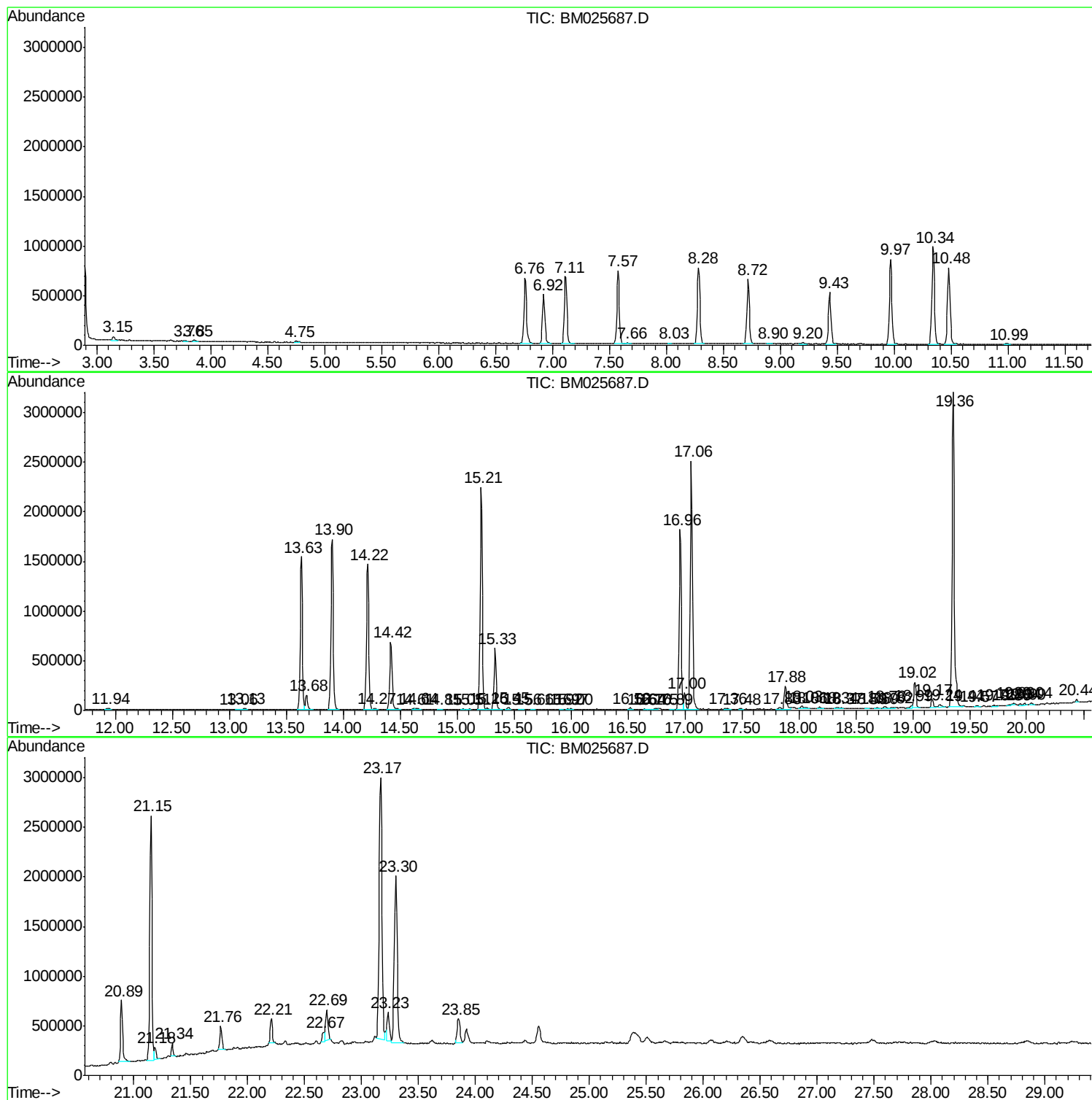
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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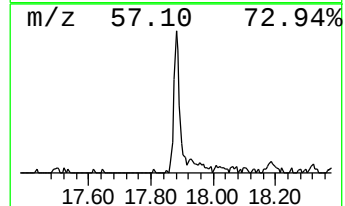
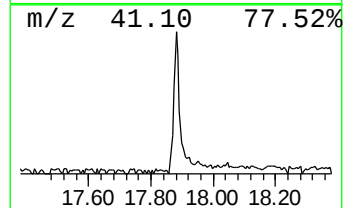
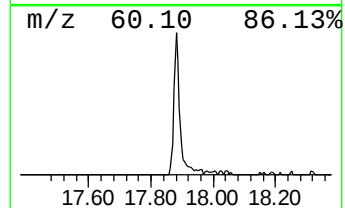
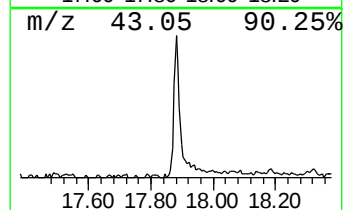
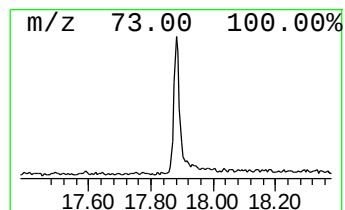
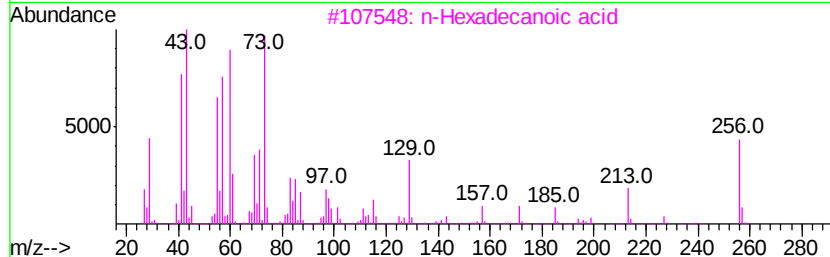
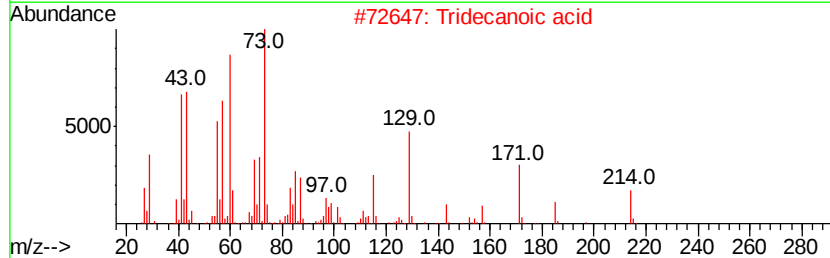
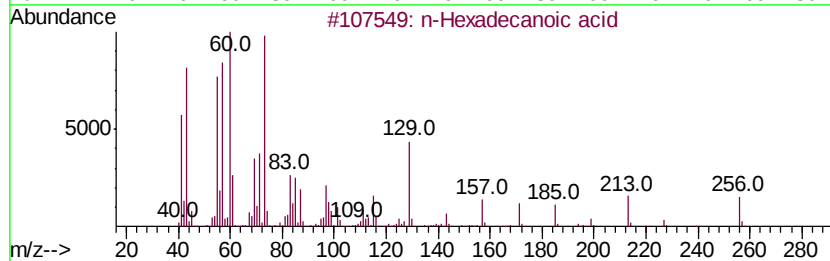
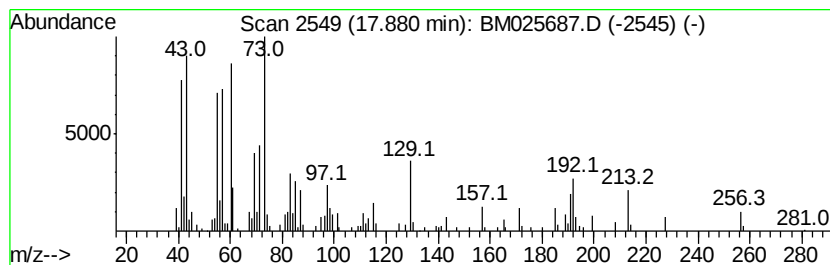
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.54 ng/ul	318482	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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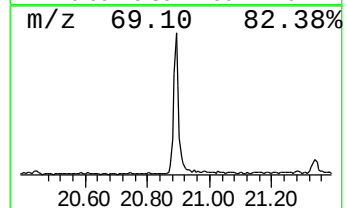
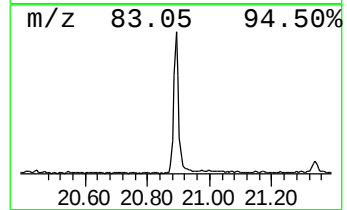
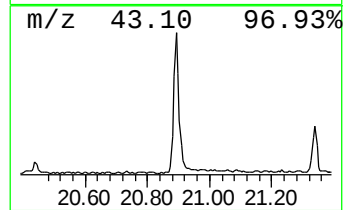
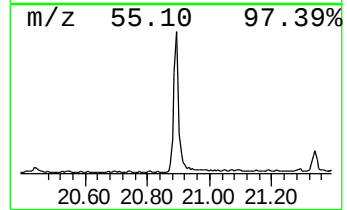
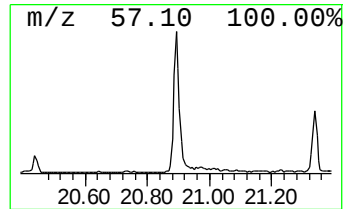
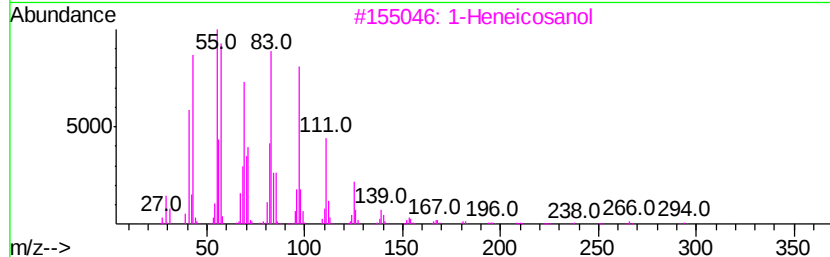
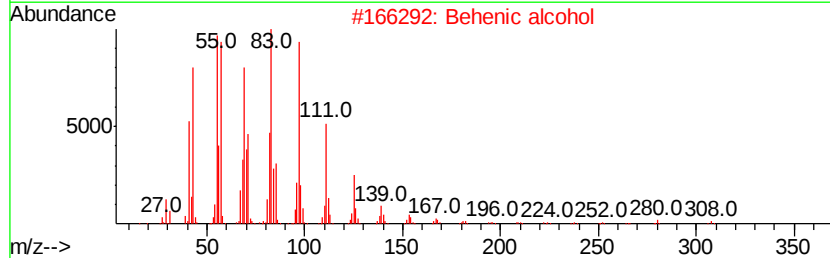
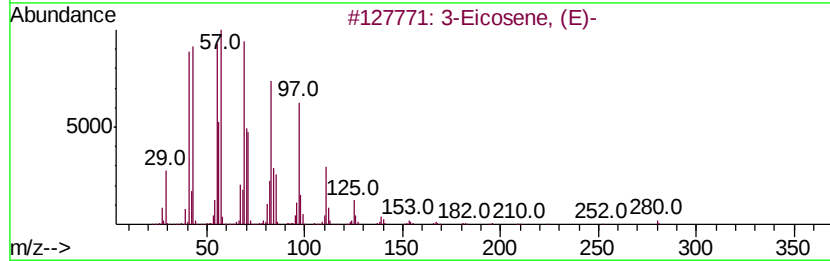
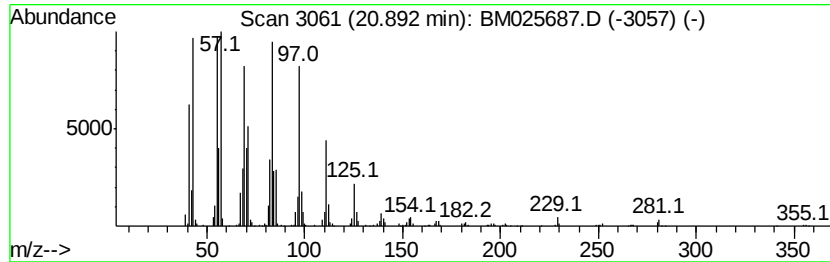
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	4.81 ng/ul	744887	Chrysene-d12	21.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93



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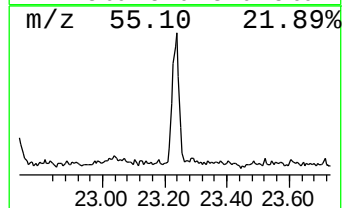
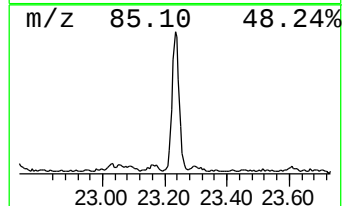
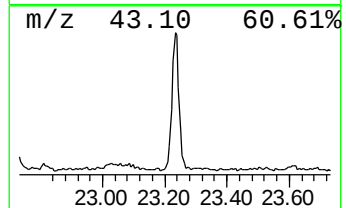
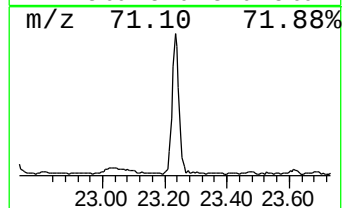
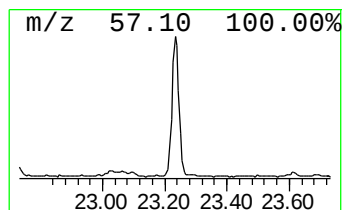
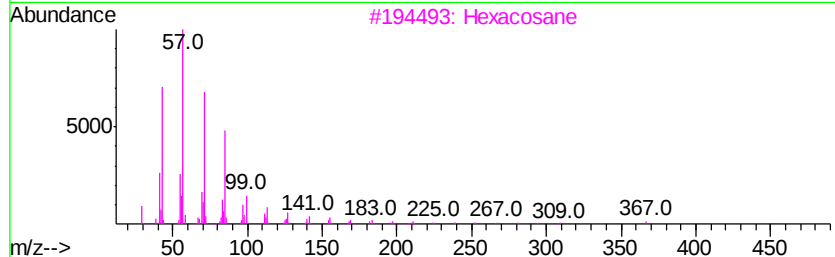
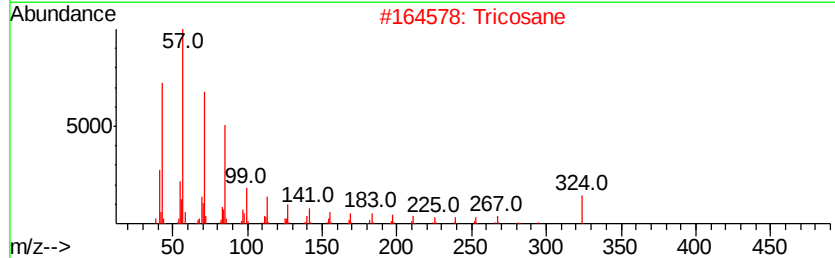
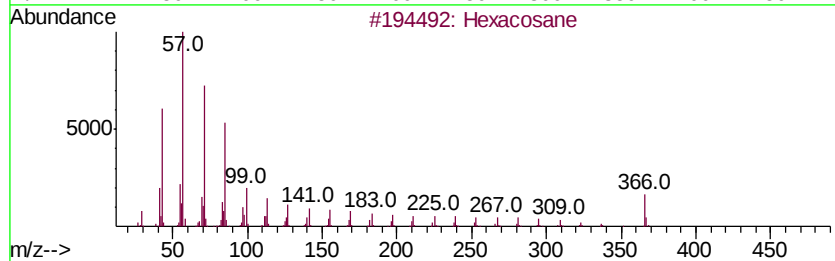
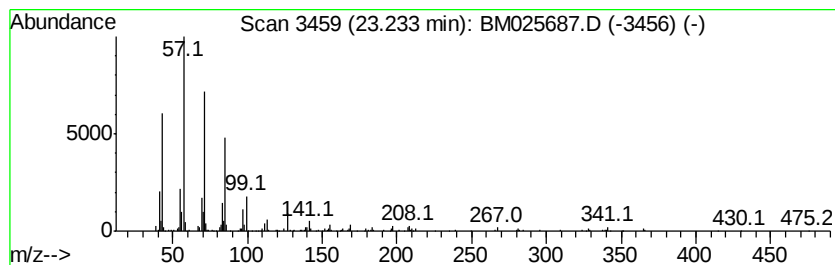
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.23	2.69 ng/ul	421237	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Tricosane	324	C23H48	000638-67-5	87
3			Hexacosane	366	C26H54	000630-01-3	86
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86



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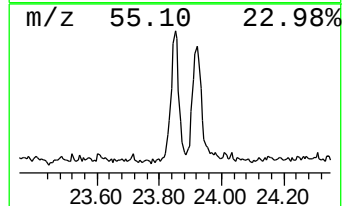
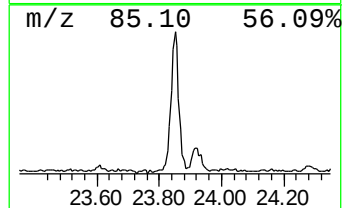
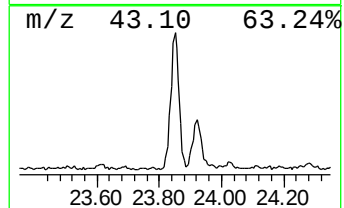
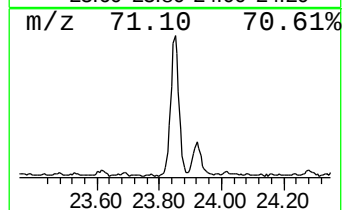
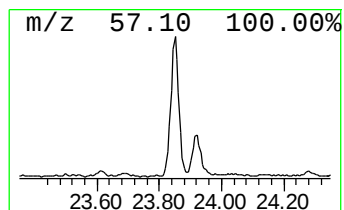
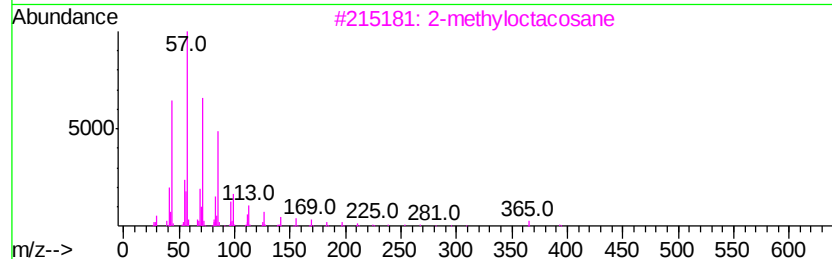
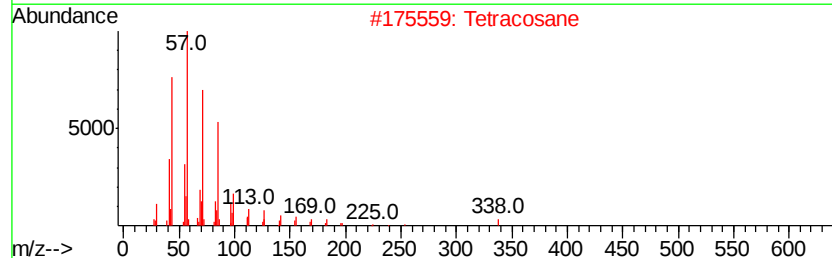
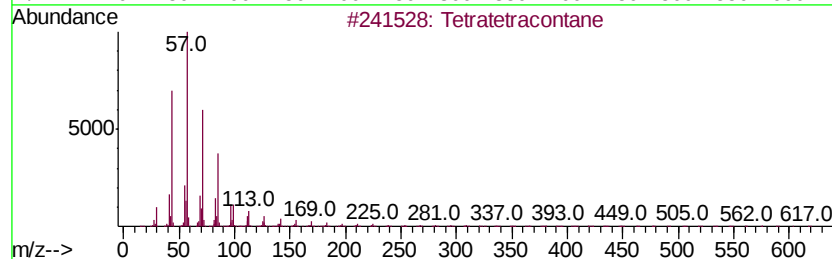
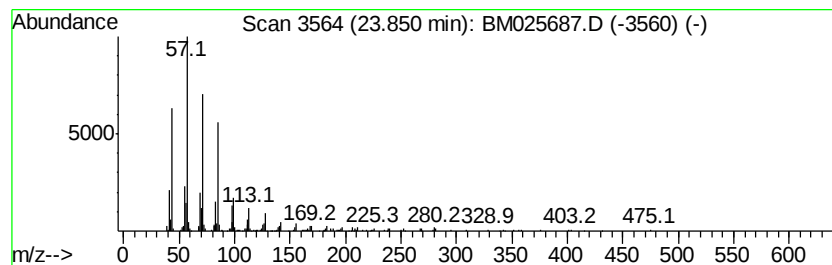
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.85	2.63 ng/ul	412006	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032020\
Data File : BM025687.D
Acq On : 21 Mar 2020 07:34
Operator : CG/JU
Sample : L1977-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	2.5	ng/ul	318482	4	16.96	2505190	20.0
(DEL) Alkane: Str...	20.89	4.8	ng/ul	744887	5	21.15	3095130	20.0
(DEL) Alkane: Str...	23.23	2.7	ng/ul	421237	6	23.30	3131250	20.0
(DEL) Alkane: Str...	23.85	2.6	ng/ul	412006	6	23.30	3131250	20.0