

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022294.D
 Acq On : 24 Aug 2019 15:12
 Operator : HP/JU
 Sample : K4337-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

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-BM082219MA.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	3.134	21	25	32	rVB4	4182	8519	0.68%	0.074%
2	3.722	120	125	129	rBV3	2506	4416	0.35%	0.039%
3	3.822	138	142	145	rVB3	1757	2278	0.18%	0.020%
4	4.563	264	268	270	rBV2	925	1444	0.11%	0.013%
5	4.981	334	339	342	rBV2	979	1658	0.13%	0.014%
6	6.751	635	640	654	rVB2	52212	99182	7.86%	0.865%
7	6.910	662	667	676	rBV	81016	141182	11.19%	1.232%
8	7.092	692	698	707	rBV	118113	195117	15.46%	1.703%
9	7.551	771	776	787	rBV	135550	217507	17.24%	1.898%
10	8.275	893	899	912	rBV	113463	193126	15.31%	1.685%
11	8.722	968	975	985	rBV	135410	233069	18.47%	2.034%
12	9.039	1025	1029	1032	rBV2	1594	2355	0.19%	0.021%
13	9.433	1091	1096	1108	rBV	129527	220067	17.44%	1.920%
14	9.969	1180	1187	1205	rBV	168963	335519	26.59%	2.928%
15	10.328	1241	1248	1257	rBV	203912	333116	26.40%	2.907%
16	10.504	1272	1278	1292	rBV2	47195	99654	7.90%	0.870%
17	11.039	1367	1369	1373	rVB	1119	1538	0.12%	0.013%
18	11.451	1435	1439	1443	rBB2	1139	1740	0.14%	0.015%
19	11.698	1478	1481	1486	rVB	936	1685	0.13%	0.015%
20	11.939	1519	1522	1525	rBB2	1946	2280	0.18%	0.020%
21	12.174	1557	1562	1566	rBV3	1462	2995	0.24%	0.026%
22	12.427	1602	1605	1609	rVB2	1155	1710	0.14%	0.015%
23	13.027	1704	1707	1708	rBV	1885	1420	0.11%	0.012%
24	13.257	1741	1746	1750	rBV	11738	14724	1.17%	0.128%
25	13.392	1765	1769	1775	rVB2	6151	7818	0.62%	0.068%
26	13.639	1805	1811	1815	rVV	382415	557725	44.20%	4.867%
27	13.686	1815	1819	1828	rVB	54311	75327	5.97%	0.657%
28	13.904	1848	1856	1867	rBV	454186	663041	52.55%	5.786%
29	14.016	1873	1875	1879	rVB	2553	2502	0.20%	0.022%
30	14.210	1902	1908	1916	rVV2	333205	488858	38.74%	4.266%
31	14.274	1916	1919	1923	rVV	4331	5171	0.41%	0.045%
32	14.498	1952	1957	1969	rBV2	32654	84496	6.70%	0.737%
33	14.574	1969	1970	1978	rVV4	3989	8047	0.64%	0.070%
34	14.645	1980	1982	1985	rVB3	3614	4018	0.32%	0.035%

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35	14.992	2036	2041	2046	rVB3	2030	3766	0.30%	0.033%
36	15.215	2073	2079	2087	rBV	589885	828069	65.62%	7.226%
37	15.304	2093	2094	2099	rVB2	1413	1590	0.13%	0.014%
38	15.380	2102	2107	2115	rVV	147236	219766	17.42%	1.918%
39	15.451	2115	2119	2123	rVV4	7331	13341	1.06%	0.116%
40	15.486	2123	2125	2128	rVB	1570	1855	0.15%	0.016%
41	15.692	2155	2160	2165	rBV2	1748	3541	0.28%	0.031%
42	15.810	2178	2180	2182	rBV	1717	1869	0.15%	0.016%
43	15.898	2192	2195	2197	rVB2	1615	1621	0.13%	0.014%
44	15.921	2197	2199	2201	rVV	2153	1767	0.14%	0.015%
45	15.980	2204	2209	2210	rBV2	2381	3544	0.28%	0.031%
46	16.004	2210	2213	2217	rVV4	3857	5126	0.41%	0.045%
47	16.039	2217	2219	2221	rVB	2250	1681	0.13%	0.015%
48	16.062	2221	2223	2224	rBV	2184	1600	0.13%	0.014%
49	16.074	2224	2225	2228	rVB	1884	1425	0.11%	0.012%
50	16.292	2261	2262	2265	rBV2	1443	1679	0.13%	0.015%
51	16.374	2272	2276	2279	rBV3	2697	4462	0.35%	0.039%
52	16.498	2290	2297	2299	rVV4	3586	6293	0.50%	0.055%
53	16.515	2299	2300	2303	rVV2	2559	2634	0.21%	0.023%
54	16.580	2305	2311	2312	rVB3	2226	3471	0.28%	0.030%
55	16.668	2324	2326	2331	rVB3	2202	2856	0.23%	0.025%
56	16.704	2331	2332	2335	rBV2	1484	1462	0.12%	0.013%
57	16.745	2335	2339	2345	rVB6	3918	7109	0.56%	0.062%
58	16.798	2345	2348	2349	rVB2	2126	1508	0.12%	0.013%
59	16.809	2349	2350	2352	rBV2	1757	1477	0.12%	0.013%
60	16.857	2355	2358	2360	rBV4	2039	2635	0.21%	0.023%
61	16.939	2368	2372	2373	rBV4	5356	6419	0.51%	0.056%
62	16.974	2373	2378	2386	rVV	460324	624573	49.50%	5.450%
63	17.074	2389	2395	2405	rVV	701254	978258	77.53%	8.536%
64	17.168	2409	2411	2412	rVB	2523	1475	0.12%	0.013%
65	17.198	2412	2416	2420	rVB3	2544	2881	0.23%	0.025%
66	17.245	2422	2424	2427	rBV	2447	2416	0.19%	0.021%
67	17.280	2429	2430	2432	rBV2	1954	1501	0.12%	0.013%
68	17.374	2442	2446	2448	rVB4	1771	2318	0.18%	0.020%
69	17.456	2459	2460	2462	rVB2	2567	1629	0.13%	0.014%
70	17.498	2464	2467	2469	rVV2	2612	2762	0.22%	0.024%
71	17.515	2469	2470	2472	rVV2	2915	1739	0.14%	0.015%

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72	17.533	2472	2473	2476	rVB2	1517	1428	0.11%	0.012%
73	17.662	2494	2495	2497	rBV	1466	1309	0.10%	0.011%
74	17.733	2504	2507	2508	rBV	1668	1723	0.14%	0.015%
75	17.786	2514	2516	2517	rBV2	1998	1364	0.11%	0.012%
76	17.833	2522	2524	2526	rBV3	2231	2578	0.20%	0.022%
77	17.868	2526	2530	2540	rBV	187641	276547	21.92%	2.413%
78	18.098	2567	2569	2571	rBV2	1964	2033	0.16%	0.018%
79	18.139	2575	2576	2578	rBV2	2850	2102	0.17%	0.018%
80	18.203	2585	2587	2591	rBV5	1880	1909	0.15%	0.017%
81	18.262	2594	2597	2605	rBV4	13551	31535	2.50%	0.275%
82	18.333	2607	2609	2611	rBV3	2757	2636	0.21%	0.023%
83	18.574	2648	2650	2652	rBV3	2994	2248	0.18%	0.020%
84	18.592	2652	2653	2655	rVB2	3935	2099	0.17%	0.018%
85	18.615	2655	2657	2658	rBV2	2918	1712	0.14%	0.015%
86	18.774	2681	2684	2685	rBV3	2441	2458	0.19%	0.021%
87	18.933	2708	2711	2712	rBV3	4253	4489	0.36%	0.039%
88	18.968	2715	2717	2720	rBV4	3663	4357	0.35%	0.038%
89	19.009	2721	2724	2727	rBV	18951	23392	1.85%	0.204%
90	19.115	2740	2742	2743	rVB2	3772	1504	0.12%	0.013%
91	19.162	2745	2750	2762	rVV	191690	277679	22.01%	2.423%
92	19.380	2781	2787	2795	rBV	961154	1261827	100.00%	11.011%
93	19.445	2795	2798	2804	rVB	19658	27481	2.18%	0.240%
94	20.892	3040	3044	3051	rVB2	51723	68138	5.40%	0.595%
95	21.186	3089	3094	3100	rBV	586664	759620	60.20%	6.628%
96	21.744	3186	3189	3192	rVB2	45784	47889	3.80%	0.418%
97	22.191	3262	3265	3271	rVB2	76760	107622	8.53%	0.939%
98	22.680	3344	3348	3353	rVB2	96226	133462	10.58%	1.165%
99	23.238	3436	3443	3451	rVB	550109	1066756	84.54%	9.308%
100	23.380	3461	3467	3474	rBV	321466	576706	45.70%	5.032%

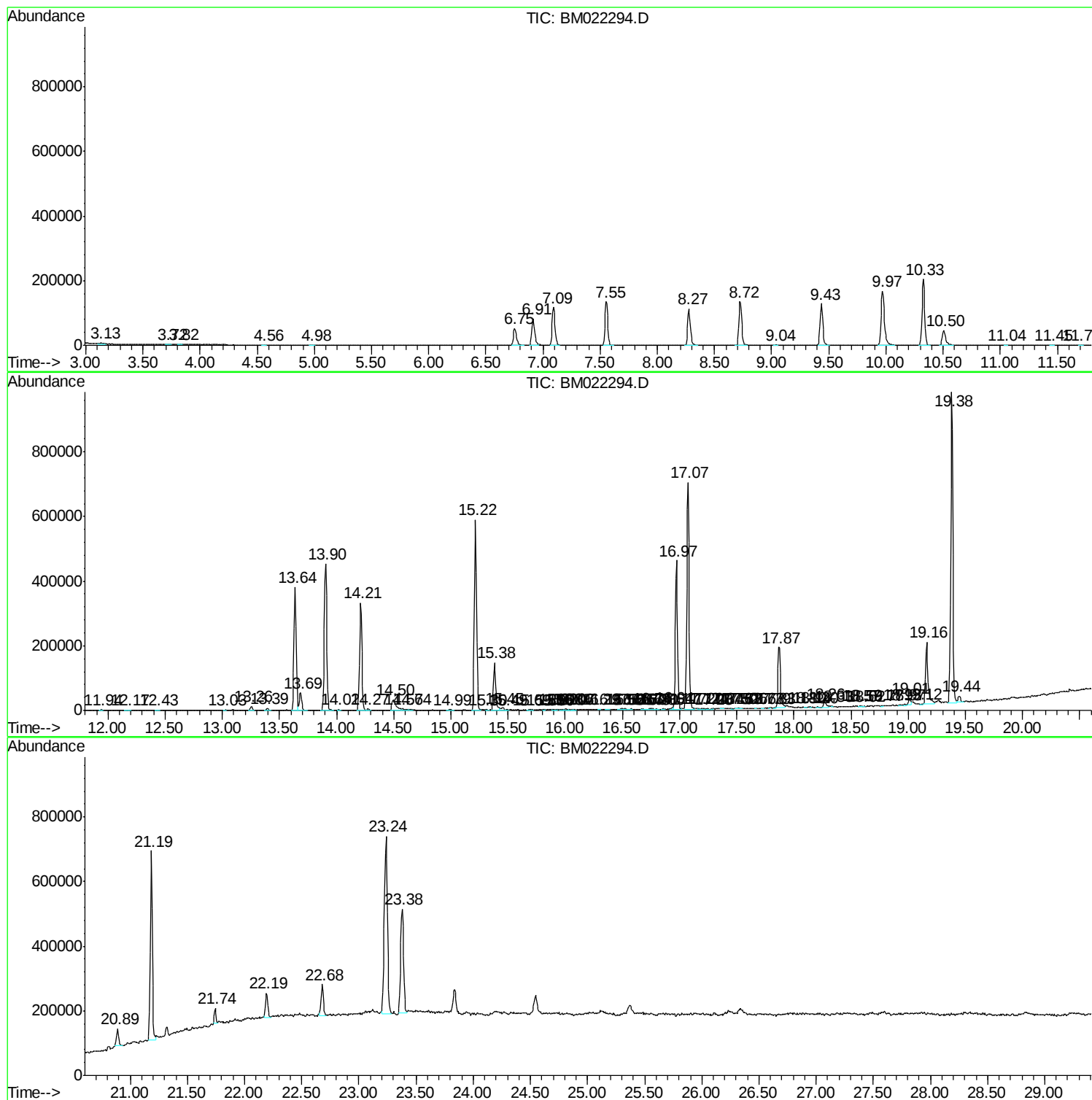
Sum of corrected areas: 11460025

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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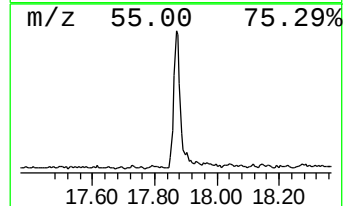
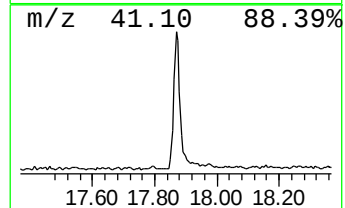
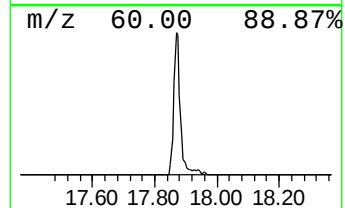
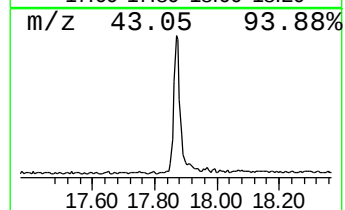
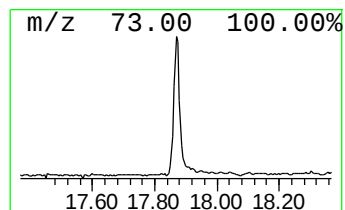
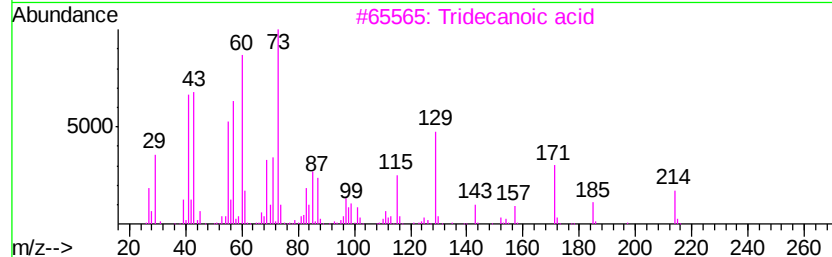
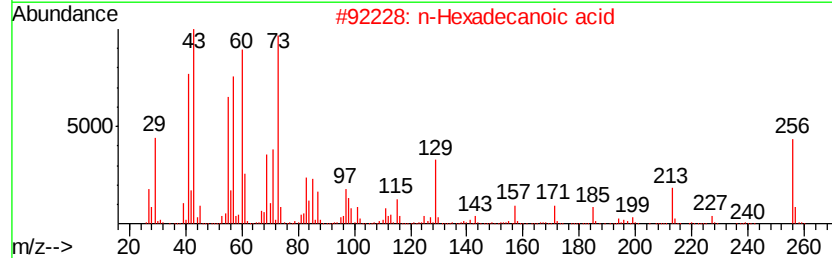
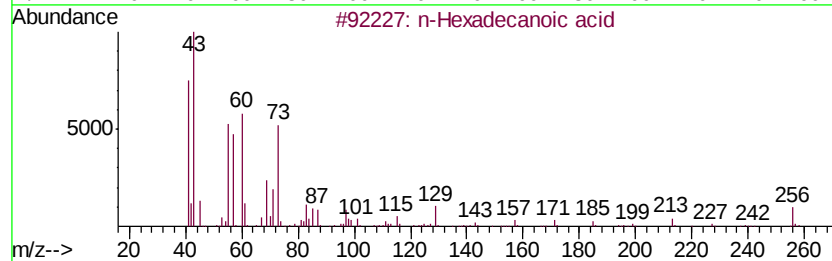
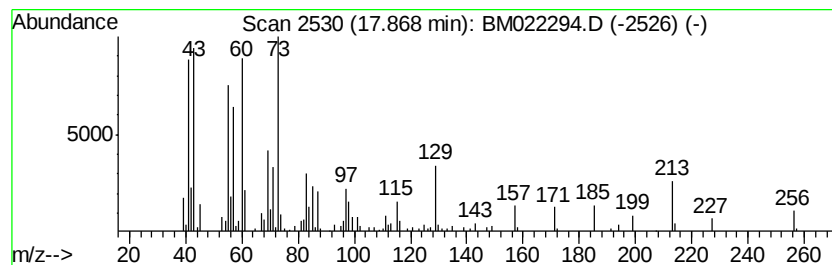
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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	8.86 ng/ul	276547	Phenanthrene-d10	16.97		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72	



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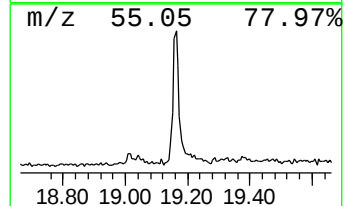
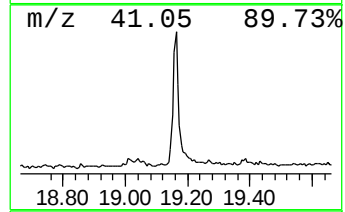
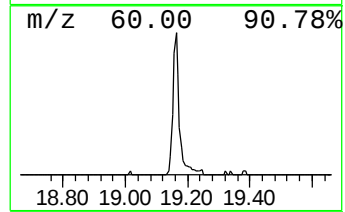
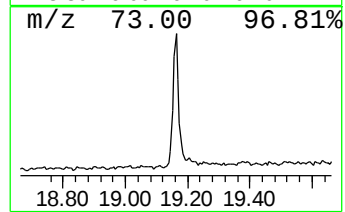
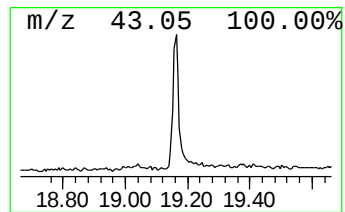
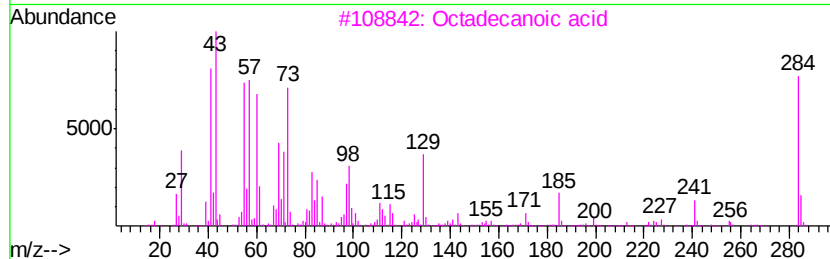
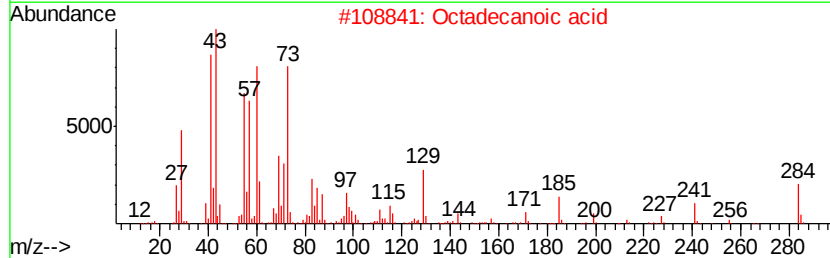
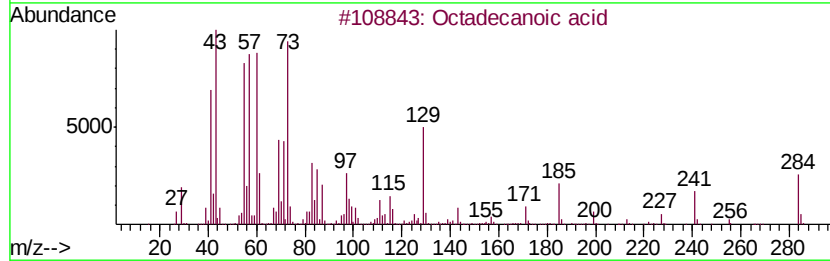
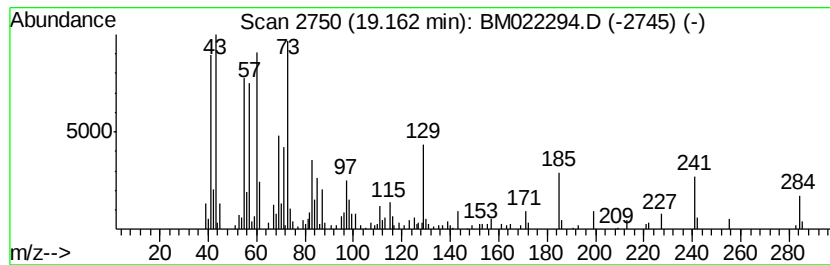
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.16	7.31 ng/ul	277679	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	93
4	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	87
5	n-Decanoic acid		172	C10H20O2	000334-48-5	86



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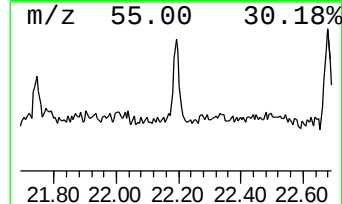
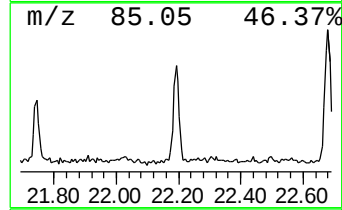
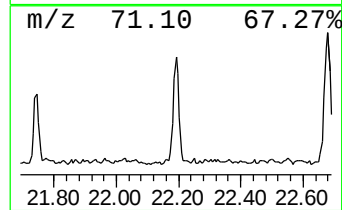
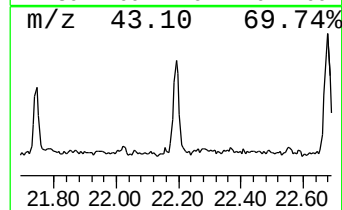
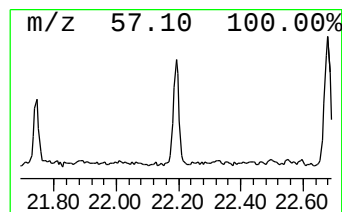
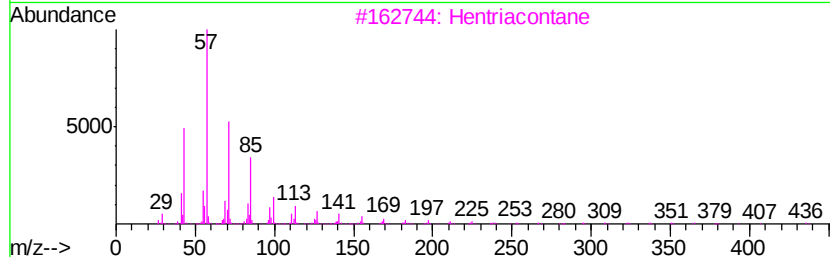
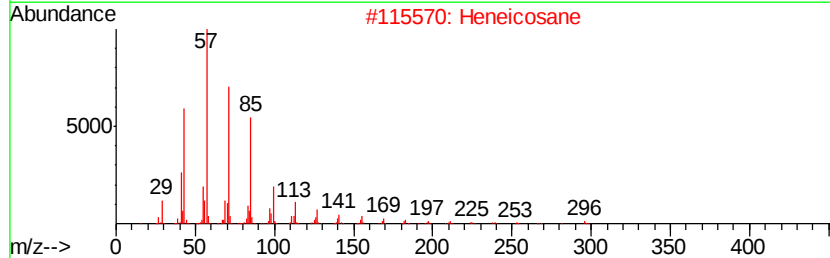
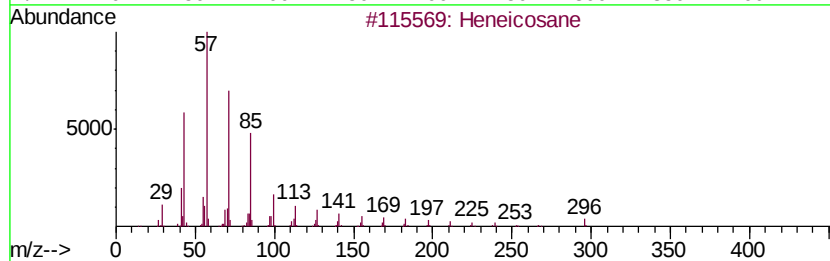
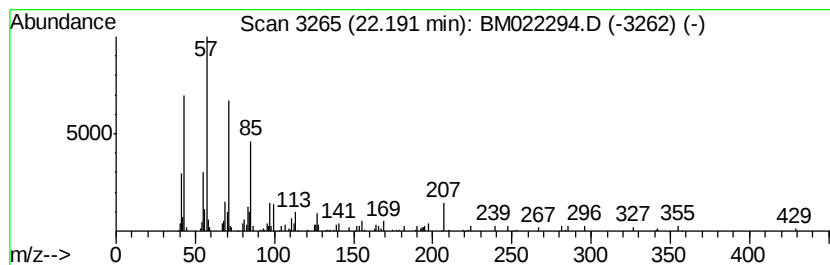
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.83 ng/ul	107622	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Heneicosane	296 C21H44	000629-94-7	90
3	Hentriacontane	437 C31H64	000630-04-6	87
4	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	86
5	Docosane, 7-hexyl-	394 C28H58	055373-86-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022294.D
Acq On : 24 Aug 2019 15:12
Operator : HP/JU
Sample : K4337-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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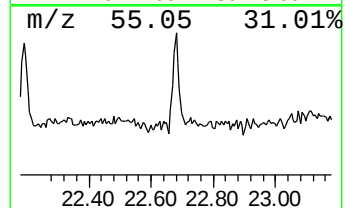
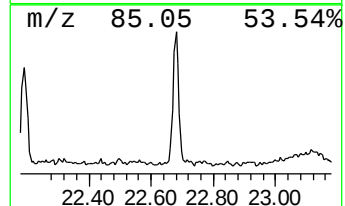
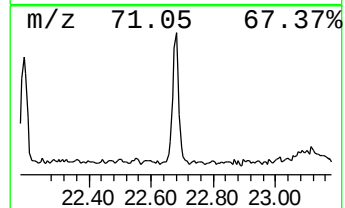
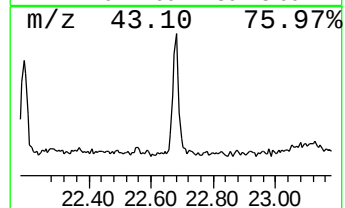
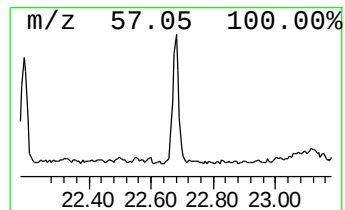
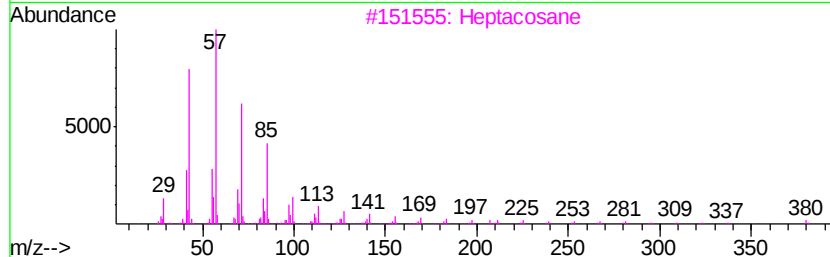
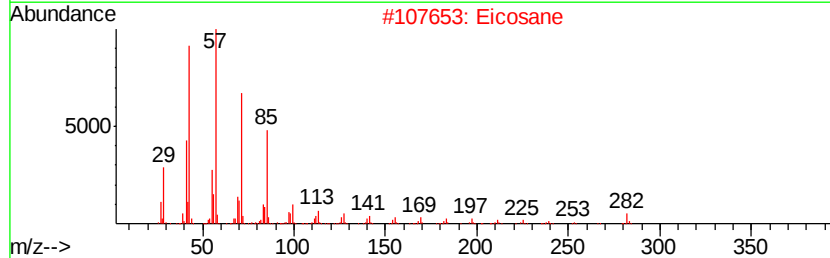
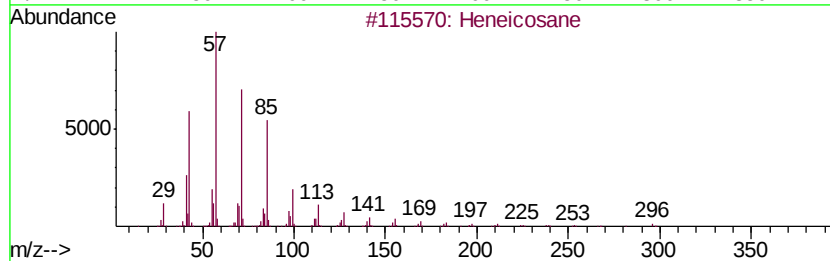
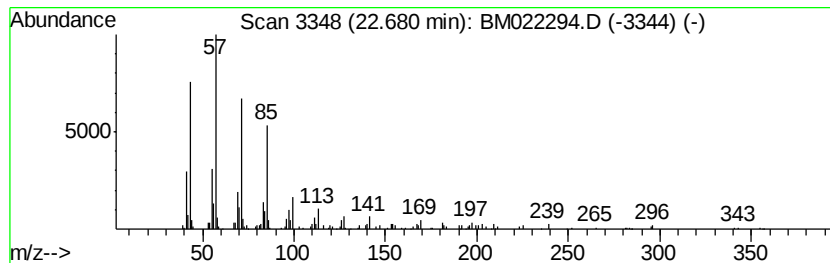
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	4.63 ng/ul	133462	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022294.D
Acq On : 24 Aug 2019 15:12
Operator : HP/JU
Sample : K4337-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	8.9	ng/ul	276547	4	16.97	624573	20.0
Octadecanoic acid	19.16	7.3	ng/ul	277679	5	21.19	759620	20.0
(DEL) Alkane: Str...	22.19	2.8	ng/ul	107622	5	21.19	759620	20.0
(DEL) Alkane: Str...	22.68	4.6	ng/ul	133462	6	23.38	576706	20.0