

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
 Data File : BN008797.D
 Acq On : 28 Nov 2019 14:47
 Operator : JU
 Sample : K5846-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFPQ0

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_N\METHODS\SOM-EPA-BN112719MA.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	3.181	29	33	43	rVB	89501	138989	1.00%	0.085%
2	3.581	99	101	107	rVB6	13643	19994	0.14%	0.012%
3	3.675	112	117	126	rBV	57054	94316	0.68%	0.058%
4	3.799	132	138	148	rVV	99640	171139	1.23%	0.105%
5	3.887	148	153	159	rVB2	29583	49796	0.36%	0.031%
6	4.093	187	188	195	rVB5	14094	20928	0.15%	0.013%
7	4.240	210	213	220	rVB8	20223	32115	0.23%	0.020%
8	4.417	239	243	247	rVB6	16981	21212	0.15%	0.013%
9	4.769	297	303	313	rBV2	98313	192104	1.38%	0.118%
10	5.740	463	468	473	rBV4	13578	22045	0.16%	0.014%
11	6.281	555	560	566	rBV5	21511	37358	0.27%	0.023%
12	6.469	587	592	596	rBV6	13176	25456	0.18%	0.016%
13	6.769	634	643	656	rVB2	2017044	3739833	26.81%	2.296%
14	6.928	664	670	679	rBV	1642803	2566490	18.40%	1.576%
15	7.122	696	703	712	rBV	2084288	3189302	22.86%	1.958%
16	7.240	718	723	729	rBV5	47174	84182	0.60%	0.052%
17	7.581	773	781	790	rBV	2355948	3622878	25.97%	2.225%
18	7.663	790	795	799	rVV3	39194	68414	0.49%	0.042%
19	7.693	799	800	811	rVB7	23139	32335	0.23%	0.020%
20	8.287	894	901	914	rBV	1888125	3050086	21.86%	1.873%
21	8.393	914	919	928	rVB	59412	112401	0.81%	0.069%
22	8.716	962	974	984	rBV	2072666	3444964	24.69%	2.115%
23	9.199	1051	1056	1062	rVB	73432	107968	0.77%	0.066%
24	9.434	1088	1096	1103	rBV	1635366	2604489	18.67%	1.599%
25	9.969	1176	1187	1199	rBV	2595227	4132079	29.62%	2.537%
26	10.340	1240	1250	1257	rBV	3486836	5587120	40.05%	3.431%
27	10.475	1264	1273	1291	rBV	1349081	2434646	17.45%	1.495%
28	10.981	1352	1359	1367	rBV6	16406	37095	0.27%	0.023%
29	11.787	1491	1496	1506	rVB10	12941	36591	0.26%	0.022%
30	11.934	1516	1521	1528	rVB3	49749	90622	0.65%	0.056%
31	12.010	1528	1534	1539	rBV3	25269	49268	0.35%	0.030%
32	12.228	1565	1571	1579	rVB6	15084	28295	0.20%	0.017%
33	12.828	1670	1673	1679	rVB4	16029	23519	0.17%	0.014%
34	12.951	1689	1694	1697	rBV5	11502	19102	0.14%	0.012%

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35	13.063	1705	1713	1717	rBV4	47608	79055	0.57%	0.049%
36	13.387	1763	1768	1775	rVB9	17168	30210	0.22%	0.019%
37	13.534	1789	1793	1798	rVB6	27792	40758	0.29%	0.025%
38	13.628	1802	1809	1813	rVV	4466173	6181681	44.31%	3.796%
39	13.675	1813	1817	1824	rVV	1013552	1385804	9.93%	0.851%
40	13.898	1846	1855	1864	rBV	5297647	7680797	55.06%	4.716%
41	14.145	1893	1897	1901	rBV	41993	53943	0.39%	0.033%
42	14.210	1901	1908	1915	rBV	5092557	7561898	54.21%	4.643%
43	14.275	1915	1919	1921	rBV3	19566	30710	0.22%	0.019%
44	14.410	1936	1942	1952	rBV	1690906	2405814	17.25%	1.477%
45	14.563	1963	1968	1973	rBV2	95873	161258	1.16%	0.099%
46	14.640	1973	1981	1988	rVV5	226465	407462	2.92%	0.250%
47	14.769	2000	2003	2009	rVB7	14702	21484	0.15%	0.013%
48	14.881	2019	2022	2027	rVB7	14756	25653	0.18%	0.016%
49	15.045	2046	2050	2054	rVV2	46785	63742	0.46%	0.039%
50	15.098	2055	2059	2065	rVB	79888	100512	0.72%	0.062%
51	15.204	2070	2077	2084	rBV	6791975	9502428	68.12%	5.835%
52	15.257	2084	2086	2092	rVB4	31343	45191	0.32%	0.028%
53	15.322	2092	2097	2108	rBV	1624034	2283058	16.37%	1.402%
54	15.445	2114	2118	2122	rVB	77746	103855	0.74%	0.064%
55	15.557	2133	2137	2140	rBV6	12943	19826	0.14%	0.012%
56	15.657	2150	2154	2158	rBV6	32356	52089	0.37%	0.032%
57	15.704	2158	2162	2170	rVB10	20298	45464	0.33%	0.028%
58	15.781	2170	2175	2176	rBV5	13696	19360	0.14%	0.012%
59	15.904	2193	2196	2199	rBV5	16820	21115	0.15%	0.013%
60	15.963	2203	2206	2208	rBV	66060	80544	0.58%	0.049%
61	16.057	2220	2222	2227	rBV	24517	31459	0.23%	0.019%
62	16.128	2230	2234	2238	rVB4	45152	74048	0.53%	0.045%
63	16.181	2239	2243	2247	rBV3	28303	43204	0.31%	0.027%
64	16.222	2247	2250	2255	rBV2	75555	100908	0.72%	0.062%
65	16.263	2255	2257	2262	rBV5	19055	29591	0.21%	0.018%
66	16.322	2262	2267	2271	rVB7	32546	69736	0.50%	0.043%
67	16.387	2272	2278	2282	rBV6	58498	115780	0.83%	0.071%
68	16.516	2297	2300	2307	rVB7	31835	49328	0.35%	0.030%
69	16.739	2328	2338	2347	rBV3	239755	525360	3.77%	0.323%
70	16.839	2352	2355	2359	rVB2	68093	84344	0.60%	0.052%
71	16.881	2359	2362	2366	rBV5	61924	86209	0.62%	0.053%

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72	16.951	2368	2374	2379	rVV	6512208	8994401	64.47%	5.523%
73	16.992	2379	2381	2385	rVV	542237	618103	4.43%	0.380%
74	17.051	2385	2391	2401	rVB	6567218	9301491	66.68%	5.711%
75	17.157	2406	2409	2415	rVB7	45052	69025	0.49%	0.042%
76	17.351	2440	2442	2450	rVB2	34090	55406	0.40%	0.034%
77	17.492	2462	2466	2468	rBV2	42698	51982	0.37%	0.032%
78	17.657	2491	2494	2502	rVB5	91790	138778	0.99%	0.085%
79	17.822	2518	2522	2527	rBV2	113544	208576	1.50%	0.128%
80	17.881	2527	2532	2537	rBV2	694656	1012086	7.25%	0.621%
81	17.939	2538	2542	2548	rVB	1353115	1671341	11.98%	1.026%
82	18.175	2578	2582	2587	rBV3	188382	302576	2.17%	0.186%
83	18.751	2676	2680	2686	rBV4	286626	466753	3.35%	0.287%
84	18.980	2716	2719	2721	rBV2	123366	161309	1.16%	0.099%
85	19.016	2721	2725	2732	rVB	901868	1215171	8.71%	0.746%
86	19.351	2776	2782	2794	rBV	9634867	13950439	100.00%	8.566%
87	20.304	2941	2944	2947	rBV	623744	845241	6.06%	0.519%
88	20.451	2965	2969	2973	rBV2	372972	548400	3.93%	0.337%
89	20.898	3041	3045	3051	rBV	3134210	3805313	27.28%	2.337%
90	21.098	3076	3079	3083	rBV	2714530	2988586	21.42%	1.835%
91	21.151	3083	3088	3092	rVV	7788756	10670826	76.49%	6.552%
92	21.186	3092	3094	3101	rVB	602706	712228	5.11%	0.437%
93	21.345	3118	3121	3125	rBV	410732	504609	3.62%	0.310%
94	21.774	3191	3194	3200	rBV2	912967	1215319	8.71%	0.746%
95	22.221	3267	3270	3274	rVB	716200	812599	5.82%	0.499%
96	22.710	3349	3353	3357	rVB	1388591	1686790	12.09%	1.036%
97	23.174	3426	3432	3441	rBV	6173826	11065699	79.32%	6.795%
98	23.310	3449	3455	3468	rVB2	5444271	10283595	73.72%	6.314%
99	23.863	3545	3549	3556	rVB	1022123	1726270	12.37%	1.060%
100	23.939	3558	3562	3570	rVB	1211986	2273616	16.30%	1.396%

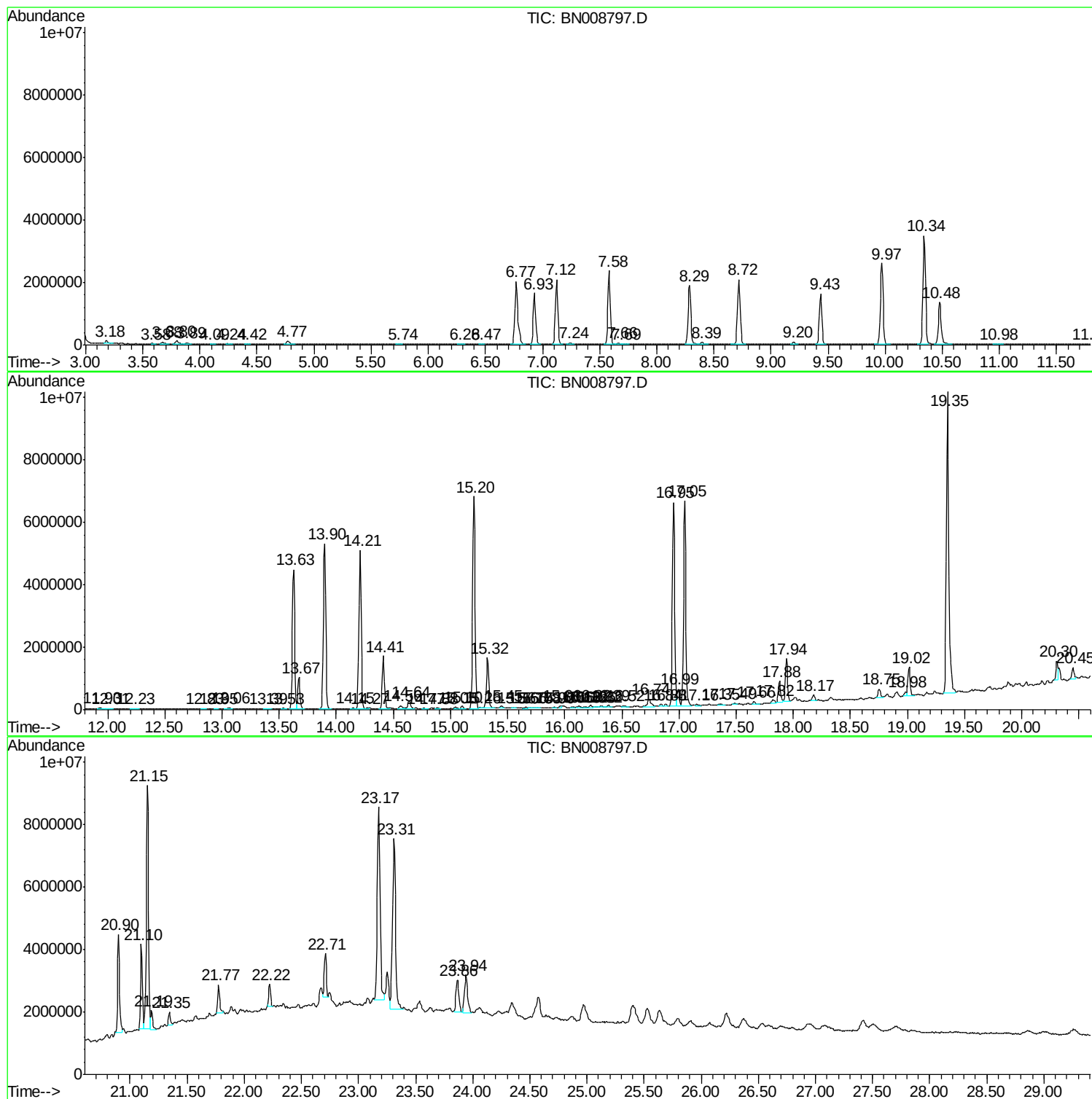
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION

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



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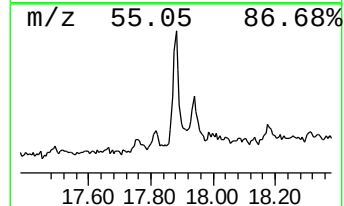
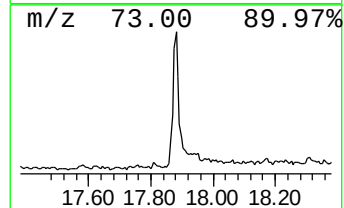
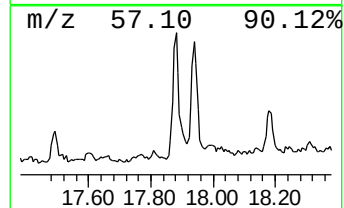
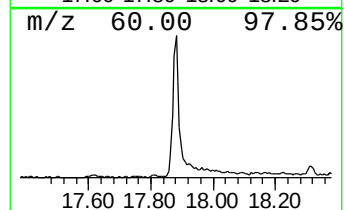
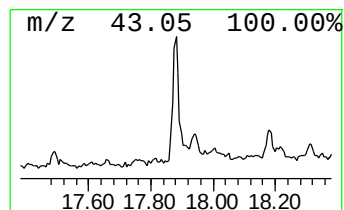
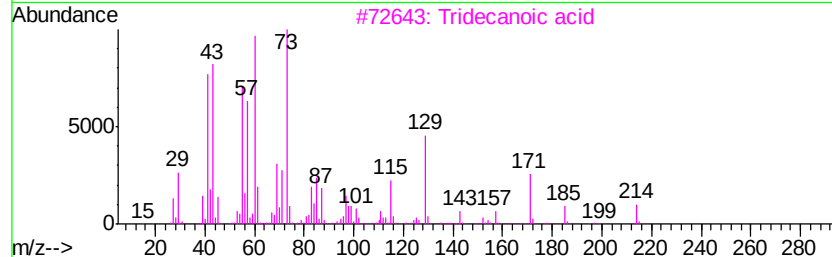
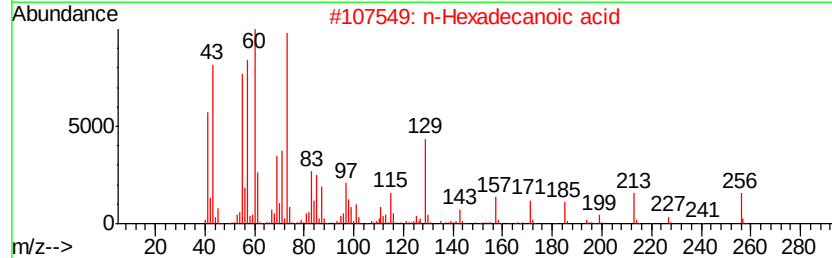
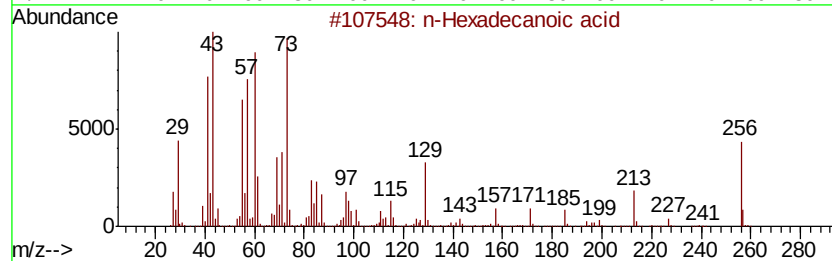
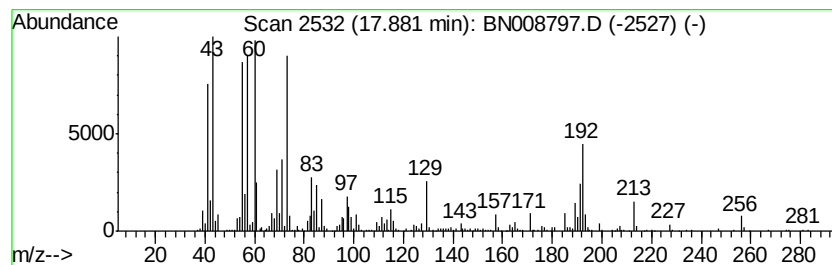
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	2.25 ng/ul	1012090	Phenanthrene-d10	16.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	60



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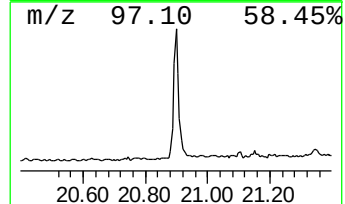
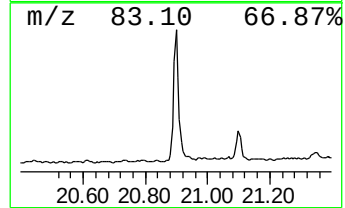
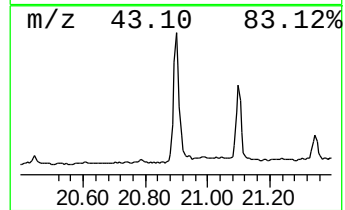
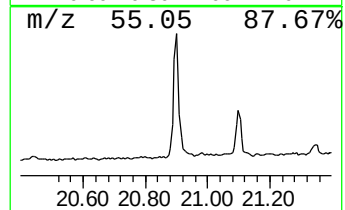
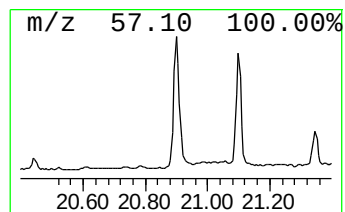
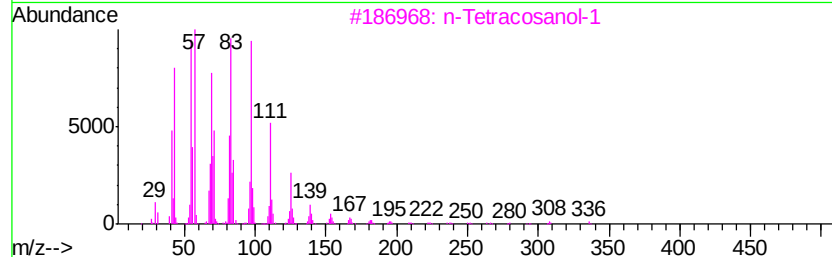
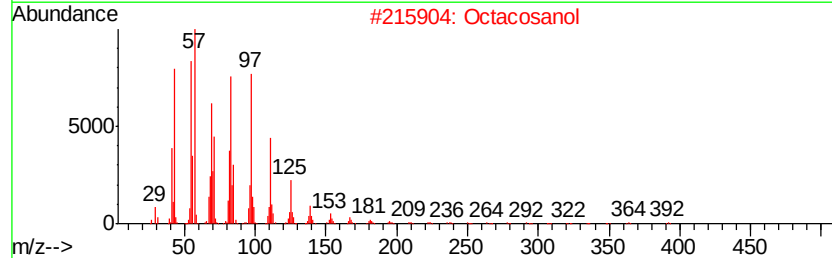
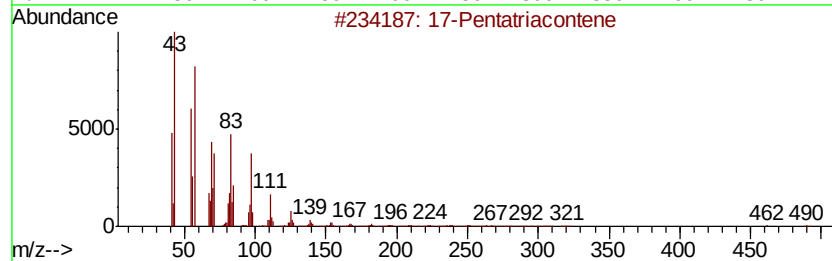
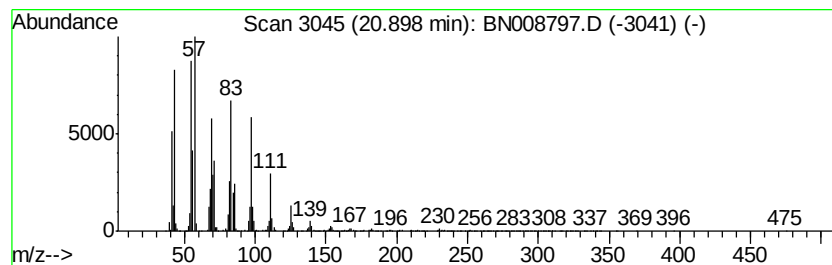
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.90	7.13 ng/ul	3805310	Chrysene-d12	21.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



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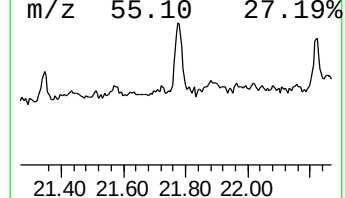
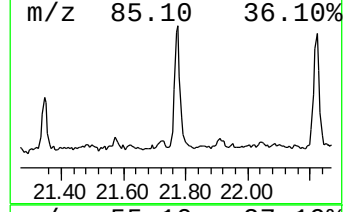
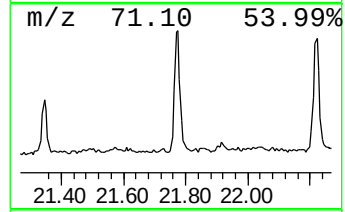
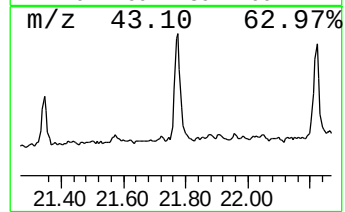
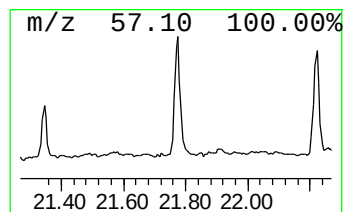
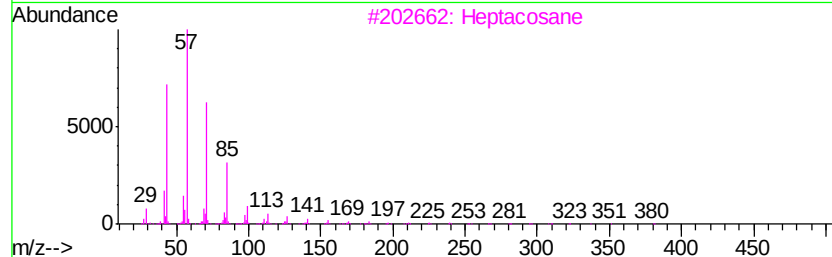
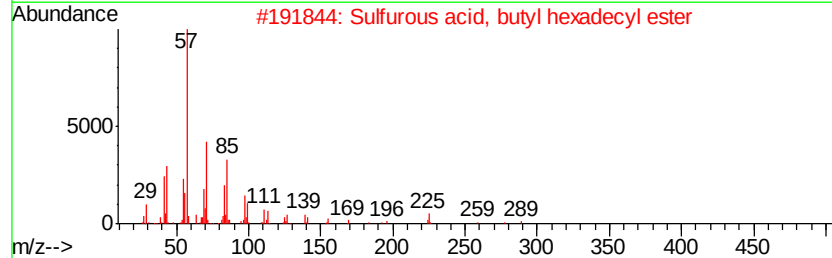
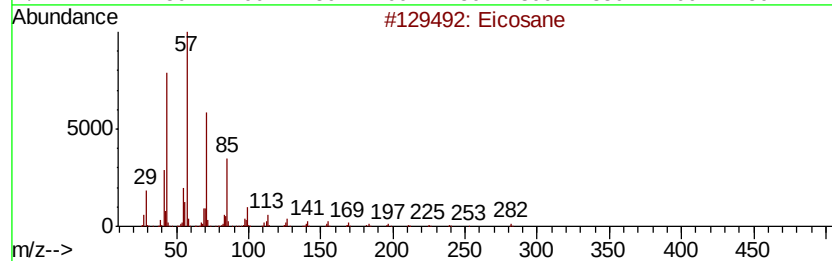
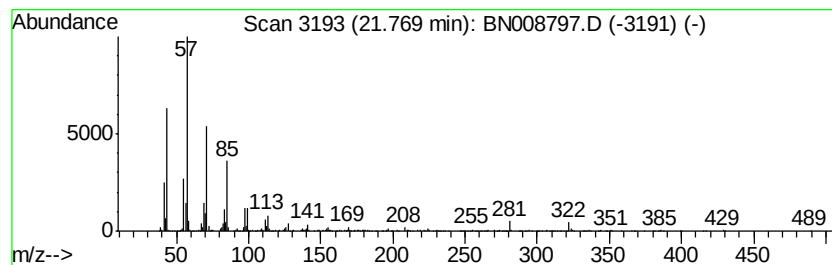
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.28 ng/ul	1215320	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
5		Heneicosane	296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008797.D
Acq On : 28 Nov 2019 14:47
Operator : JU
Sample : K5846-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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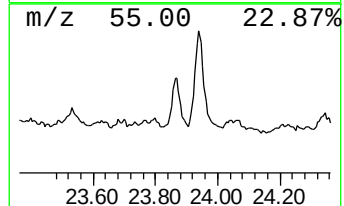
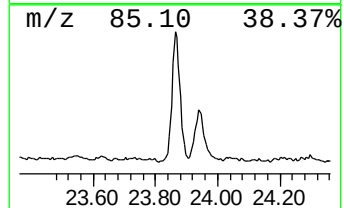
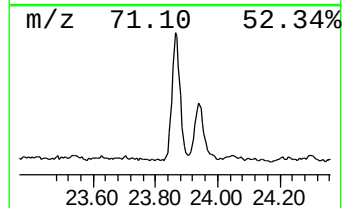
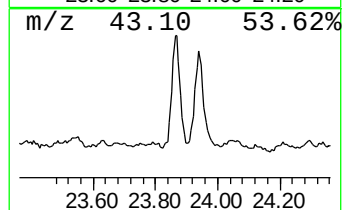
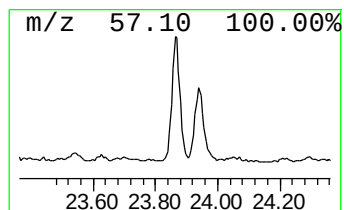
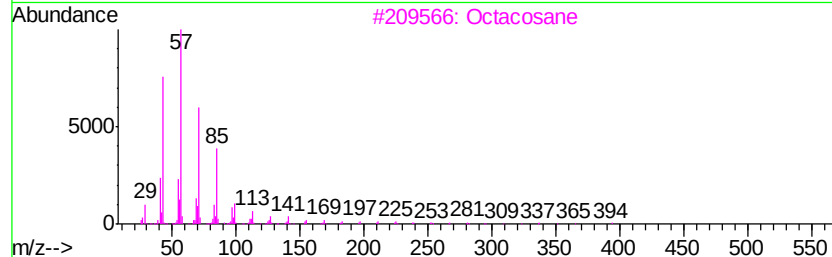
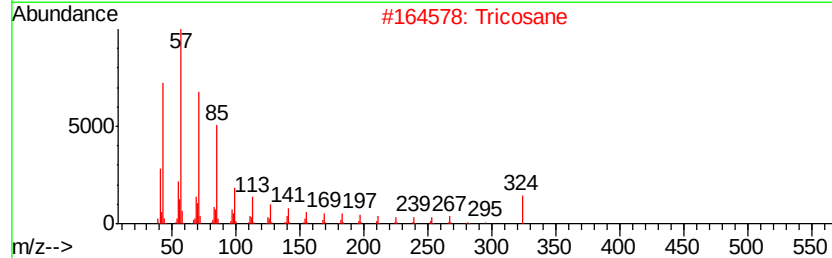
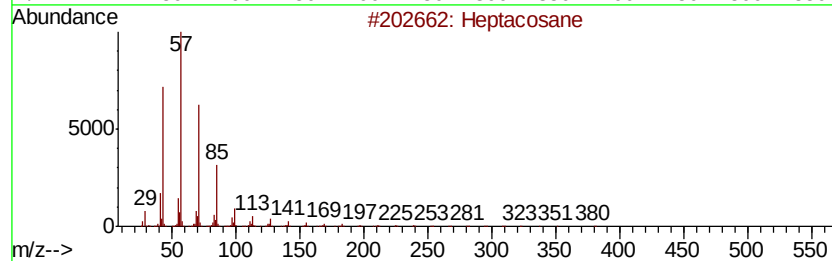
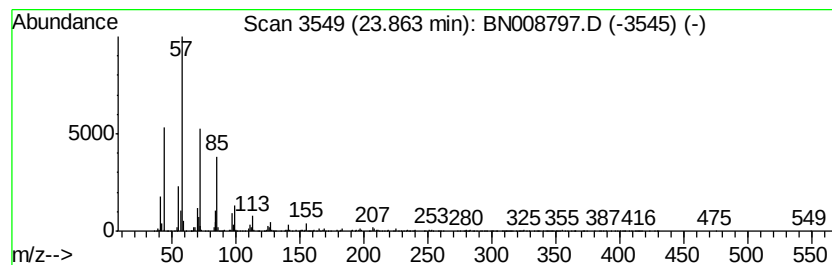
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Quant Title : SVOA CALIBRATION

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.
23.86	3.36 ng/ul	1726270	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Tricosane	324	C23H48	000638-67-5	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008797.D
Acq On : 28 Nov 2019 14:47
Operator : JU
Sample : K5846-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFPQ0

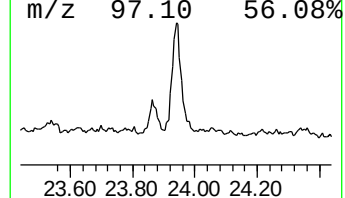
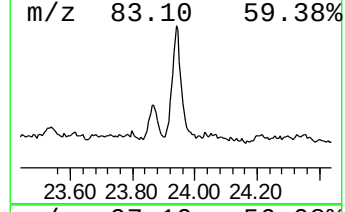
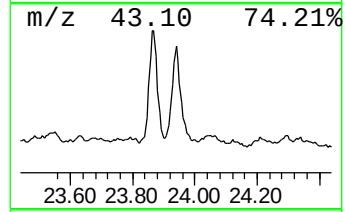
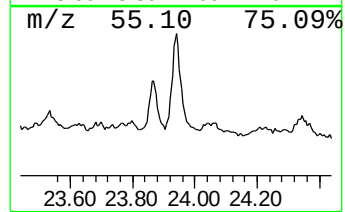
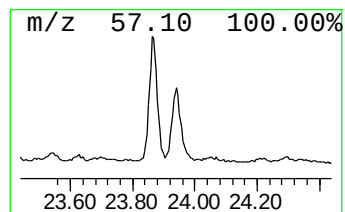
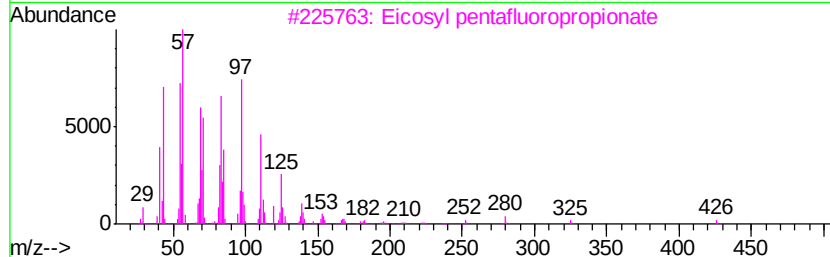
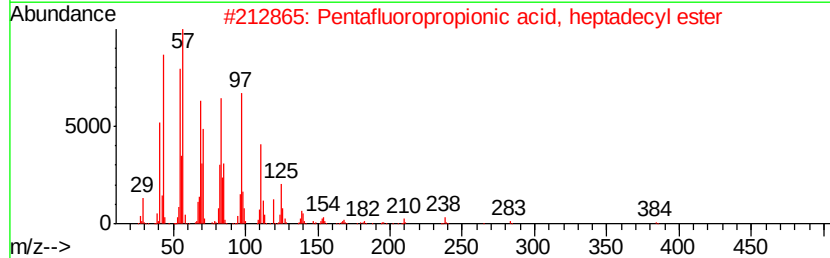
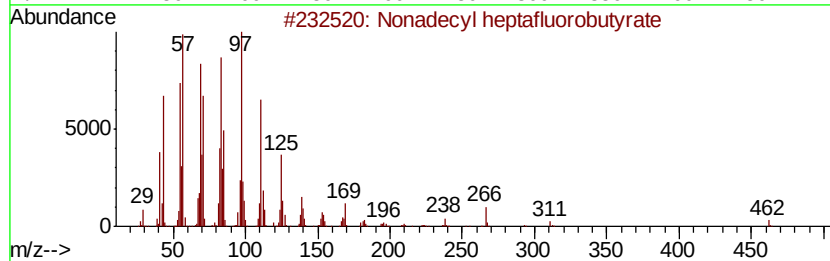
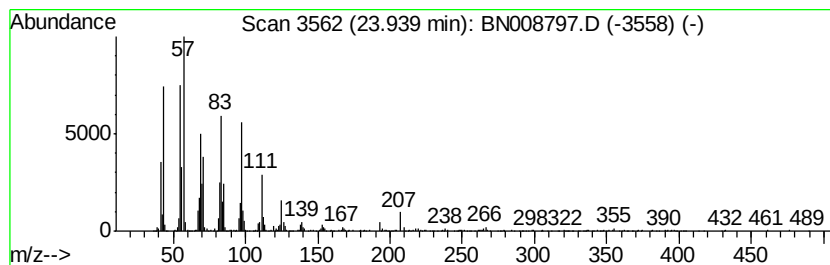
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Nonadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	4.42 ng/ul	2273620	Perylene-d12	23.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4		Octacosanol	410	C28H58O	000557-61-9	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112719\
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Acq On : 28 Nov 2019 14:47
Operator : JU
Sample : K5846-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFPQ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.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	2.3	ng/ul	1012090	4	16.95	8994400	20.0
(DEL) Alkane: Cyc...	20.90	7.1	ng/ul	3805310	5	21.15	10670800	20.0
(DEL) Alkane: Str...	21.77	2.3	ng/ul	1215320	5	21.15	10670800	20.0
(DEL) Alkane: Str...	23.86	3.4	ng/ul	1726270	6	23.31	10283600	20.0
Nonadecyl heptafl...	23.94	4.4	ng/ul	2273620	6	23.31	10283600	20.0