

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012069.D
 Acq On : 05 Oct 2020 23:36
 Operator : CG/JU
 Sample : L4184-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BN100220.M

Title : SVOA CALIBRATION

Signal : TIC: BN012069.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	33	36	40	rBV	39495	46661	1.12%	0.075%
2	3.493	81	86	88	rBV5	13137	19077	0.46%	0.031%
3	3.610	103	106	108	rVB3	10857	11602	0.28%	0.019%
4	3.699	118	121	129	rVV	53861	74365	1.78%	0.120%
5	3.769	129	133	137	rVV4	12411	18416	0.44%	0.030%
6	3.822	137	142	145	rVV4	22056	33330	0.80%	0.054%
7	3.910	153	157	162	rVB2	21384	31319	0.75%	0.050%
8	4.457	245	250	254	rBV7	9443	15447	0.37%	0.025%
9	4.822	304	312	318	rBV3	35547	76853	1.84%	0.124%
10	5.699	459	461	465	rVB4	9394	12133	0.29%	0.020%
11	6.828	645	653	666	rBV	649717	1089958	26.10%	1.754%
12	6.998	674	682	693	rBV	526338	840972	20.13%	1.354%
13	7.193	709	715	723	rBV	689357	1068333	25.58%	1.720%
14	7.287	727	731	737	rVV2	38198	64040	1.53%	0.103%
15	7.657	785	794	802	rBV	1087742	1669982	39.98%	2.688%
16	7.722	802	805	811	rVB6	7910	13525	0.32%	0.022%
17	8.357	906	913	922	rBV	745821	1148947	27.51%	1.849%
18	8.475	926	933	938	rBV3	44239	72455	1.73%	0.117%
19	8.804	980	989	1000	rBV	651694	1026979	24.59%	1.653%
20	8.975	1014	1018	1024	rVB7	5995	10503	0.25%	0.017%
21	9.240	1058	1063	1068	rVB5	9506	18223	0.44%	0.029%
22	9.522	1103	1111	1117	rBV	516460	838298	20.07%	1.349%
23	9.575	1117	1120	1125	rVB5	12219	18394	0.44%	0.030%
24	9.657	1129	1134	1140	rBV5	12214	22659	0.54%	0.036%
25	10.051	1193	1201	1211	rBV	791638	1291425	30.92%	2.079%
26	10.428	1257	1265	1275	rBV	1368291	2295047	54.95%	3.694%
27	10.569	1281	1289	1305	rBV	421404	809583	19.38%	1.303%
28	10.957	1351	1355	1360	rVB6	12112	18655	0.45%	0.030%
29	11.222	1396	1400	1405	rVB7	7453	11152	0.27%	0.018%
30	11.945	1517	1523	1524	rBV4	12706	17881	0.43%	0.029%
31	11.969	1524	1527	1532	rVV4	21066	37198	0.89%	0.060%
32	12.028	1532	1537	1543	rVB3	13434	23756	0.57%	0.038%
33	12.104	1545	1550	1555	rVB5	6286	12422	0.30%	0.020%
34	12.322	1581	1587	1591	rBV5	6266	10699	0.26%	0.017%
35	13.128	1720	1724	1728	rVB5	9866	12707	0.30%	0.020%
36	13.192	1730	1735	1739	rVV4	17919	27306	0.65%	0.044%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BN100220.M
 Title : SVOA CALIBRATION

37	13.710	1816	1823	1827	rVV	1578541	2120801	50.78%	3.414%
38	13.751	1827	1830	1840	rVB	441890	627615	15.03%	1.010%
39	13.986	1862	1870	1880	rVV	1427424	2105320	50.41%	3.389%
40	14.210	1903	1908	1912	rVB5	12319	16231	0.39%	0.026%

41	14.298	1916	1923	1930	rVV	2047691	2964874	70.99%	4.772%
42	14.357	1930	1933	1935	rVV4	10636	14967	0.36%	0.024%
43	14.492	1947	1956	1970	rBV	493224	772630	18.50%	1.244%
44	14.586	1970	1972	1977	rVV6	9334	14210	0.34%	0.023%
45	14.651	1979	1983	1988	rVV8	16639	34154	0.82%	0.055%

46	14.722	1992	1995	1998	rVV4	21166	28253	0.68%	0.045%
47	14.969	2032	2037	2041	rVB5	5640	10931	0.26%	0.018%
48	15.127	2061	2064	2067	rVB3	11061	12201	0.29%	0.020%
49	15.163	2067	2070	2073	rVB3	10229	12387	0.30%	0.020%
50	15.292	2086	2092	2098	rBV	1999640	2804956	67.16%	4.515%

51	15.410	2106	2112	2127	rBV	618937	897033	21.48%	1.444%
52	15.533	2129	2133	2136	rVB3	24291	33645	0.81%	0.054%
53	16.022	2213	2216	2219	rVV5	12159	13187	0.32%	0.021%
54	16.074	2222	2225	2233	rVB9	10592	22748	0.54%	0.037%
55	16.457	2286	2290	2295	rBV4	16875	21019	0.50%	0.034%

56	16.716	2328	2334	2337	rVB7	9566	16667	0.40%	0.027%
57	16.816	2347	2351	2354	rVV6	15915	28161	0.67%	0.045%
58	16.857	2356	2358	2363	rVB6	8429	12199	0.29%	0.020%
59	16.951	2368	2374	2380	rBV2	83336	124824	2.99%	0.201%
60	17.039	2381	2389	2394	rBV	2351934	3392073	81.21%	5.460%

61	17.086	2394	2397	2401	rVV	121103	165095	3.95%	0.266%
62	17.139	2401	2406	2417	rVB	2143378	2892299	69.25%	4.656%
63	17.427	2448	2455	2456	rBV7	12834	23757	0.57%	0.038%
64	17.439	2456	2457	2466	rVB8	16174	28954	0.69%	0.047%
65	17.557	2472	2477	2480	rBV7	15613	28252	0.68%	0.045%

66	17.586	2480	2482	2486	rVB5	11745	16592	0.40%	0.027%
67	17.680	2496	2498	2502	rBV5	10966	15309	0.37%	0.025%
68	17.721	2502	2505	2510	rVB6	14070	19213	0.46%	0.031%
69	17.827	2517	2523	2528	rBV3	78554	123582	2.96%	0.199%
70	17.886	2528	2533	2537	rBV	160984	219088	5.25%	0.353%

71	17.951	2539	2544	2553	rVV	711206	1058127	25.33%	1.703%
72	18.016	2553	2555	2562	rVB	54167	71751	1.72%	0.115%
73	18.104	2568	2570	2575	rVB5	25682	34771	0.83%	0.056%
74	18.245	2590	2594	2599	rBV5	79675	112068	2.68%	0.180%
75	18.421	2621	2624	2627	rBV5	23364	26948	0.65%	0.043%

76	18.545	2643	2645	2651	rVB6	18532	28143	0.67%	0.045%
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 Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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77	18.757	2677	2681	2684	rVB6	16321	21568	0.52%	0.035%
78	18.839	2692	2695	2699	rVB6	28697	38324	0.92%	0.062%
79	18.886	2700	2703	2709	rBV6	29322	36727	0.88%	0.059%
80	18.933	2709	2711	2714	rBV3	14607	12477	0.30%	0.020%
81	18.986	2716	2720	2721	rBV4	20015	27862	0.67%	0.045%
82	19.104	2732	2740	2744	rBV	345853	551999	13.22%	0.889%
83	19.233	2758	2762	2771	rBV2	231306	335560	8.03%	0.540%
84	19.439	2792	2797	2806	rBV	2517736	3868409	92.62%	6.227%
85	19.968	2884	2887	2890	rBV4	82172	98632	2.36%	0.159%
86	20.004	2890	2893	2897	rVB2	112581	130393	3.12%	0.210%
87	20.504	2975	2978	2981	rVB	159865	154679	3.70%	0.249%
88	20.962	3052	3056	3062	rBV	1395831	1803221	43.17%	2.903%
89	21.168	3088	3091	3096	rVB2	144472	169813	4.07%	0.273%
90	21.239	3097	3103	3107	rBV	3198094	4057115	97.14%	6.531%
91	21.404	3128	3131	3136	rVB2	299111	318976	7.64%	0.513%
92	21.839	3201	3205	3213	rBV4	752956	1430473	34.25%	2.303%
93	22.286	3278	3281	3292	rVB3	468321	727521	17.42%	1.171%
94	22.515	3317	3320	3326	rVB4	237756	294719	7.06%	0.474%
95	22.786	3362	3366	3370	rBV	1537561	2245531	53.76%	3.615%
96	22.833	3370	3374	3384	rVB2	981589	1612796	38.61%	2.596%
97	23.304	3449	3454	3459	rBV	1903051	3269362	78.28%	5.263%
98	23.445	3472	3478	3492	rVB	2205554	4176678	100.00%	6.723%
99	23.980	3563	3569	3576	rVB	1134265	2079570	49.79%	3.347%
100	24.056	3579	3582	3590	rVB3	490313	887032	21.24%	1.428%

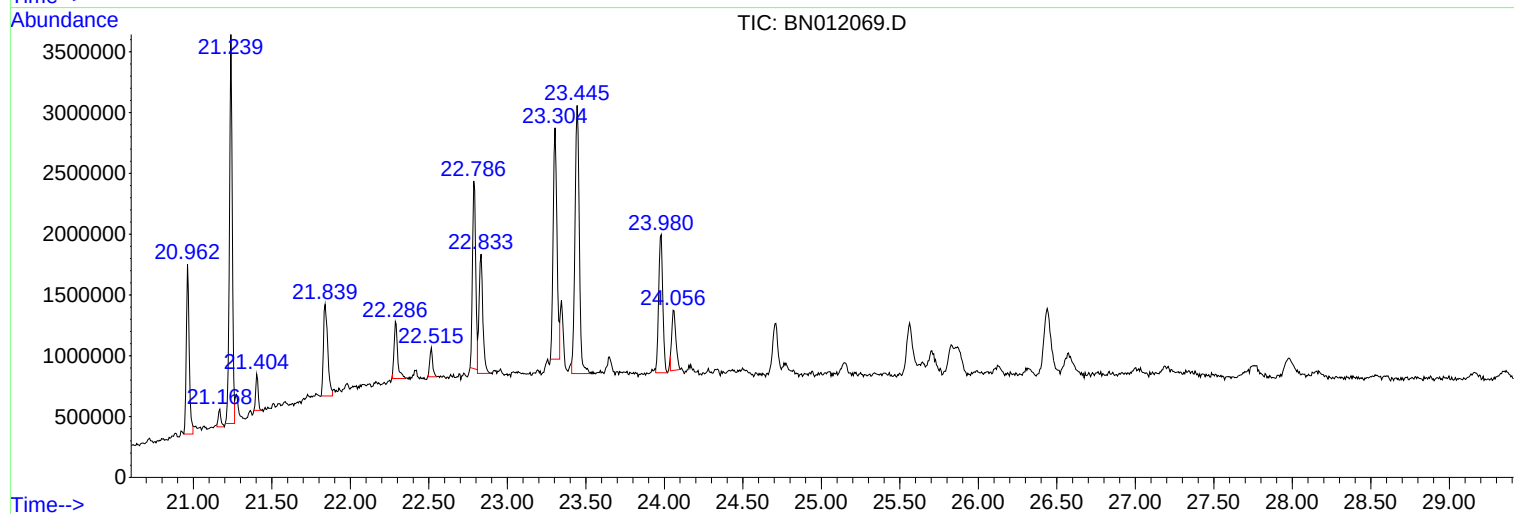
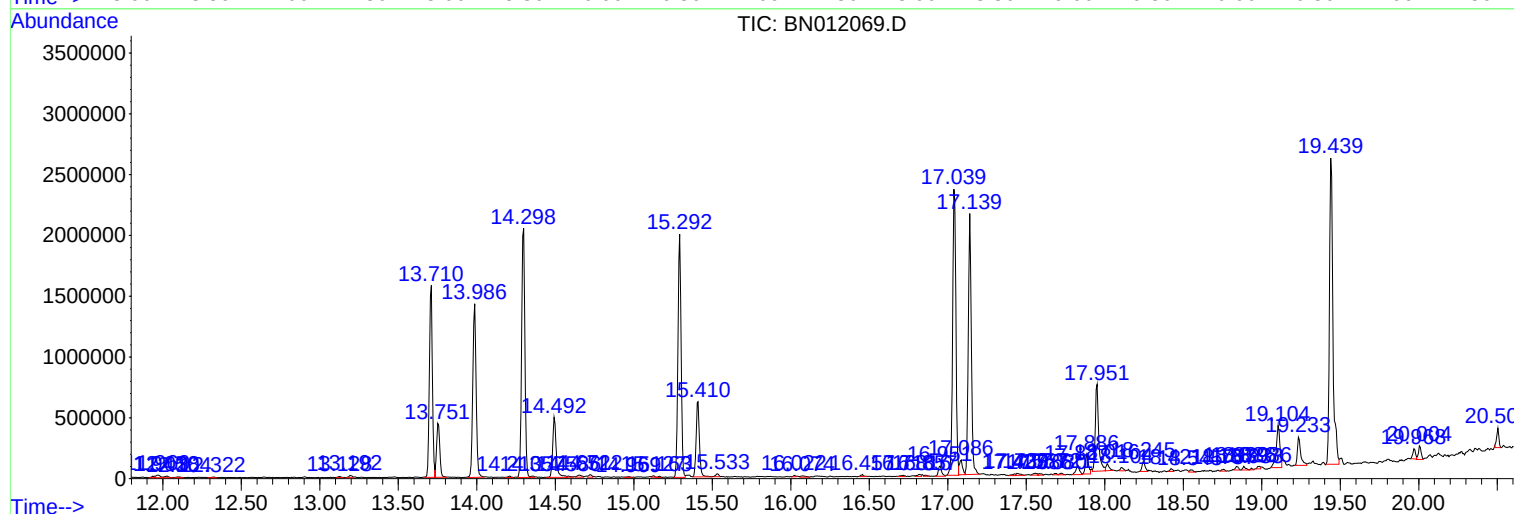
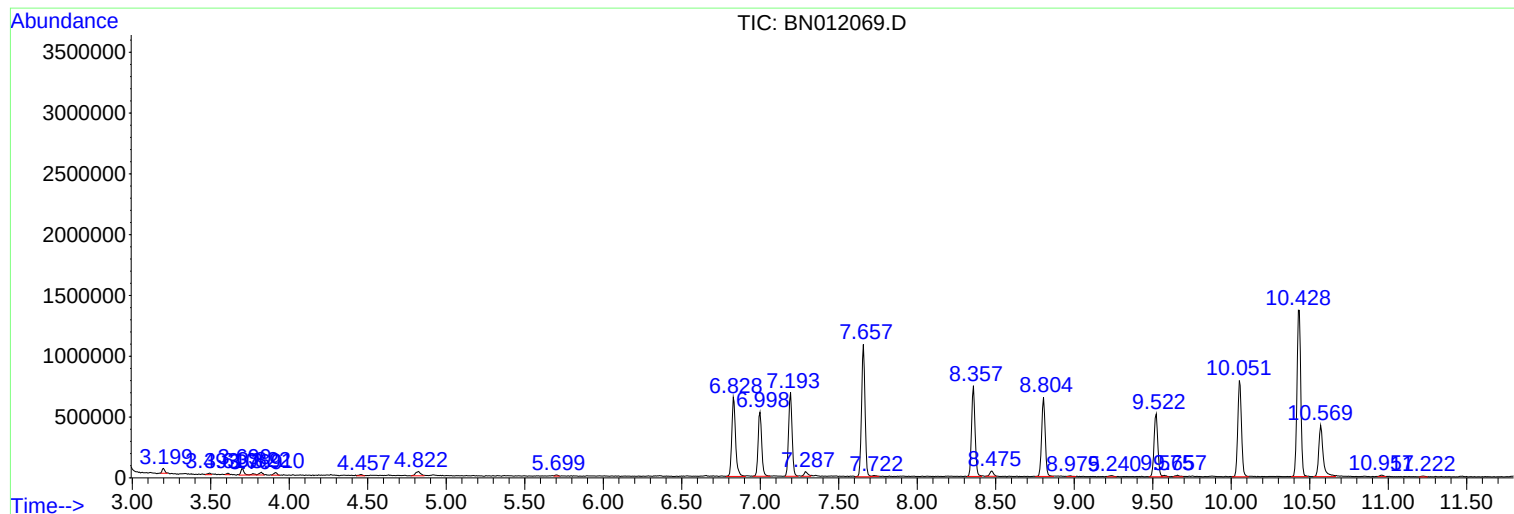
Sum of corrected areas: 62124774

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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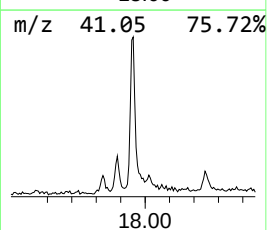
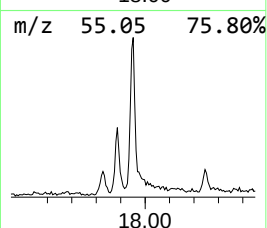
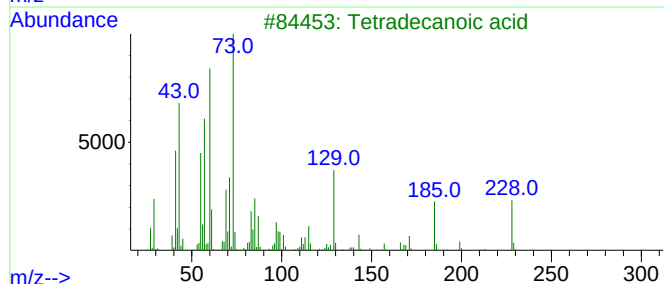
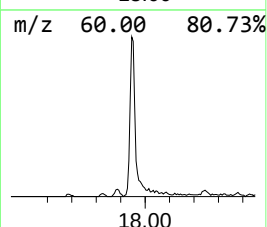
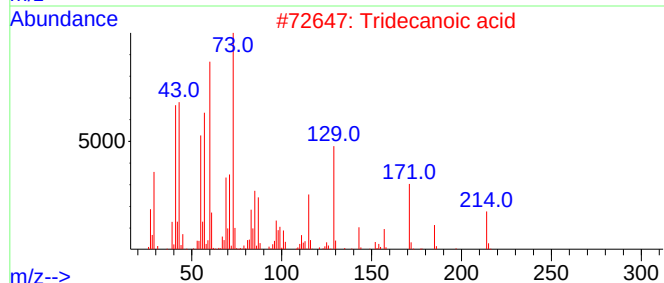
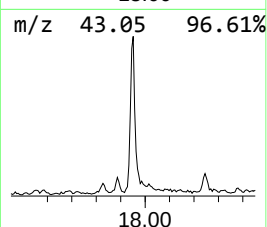
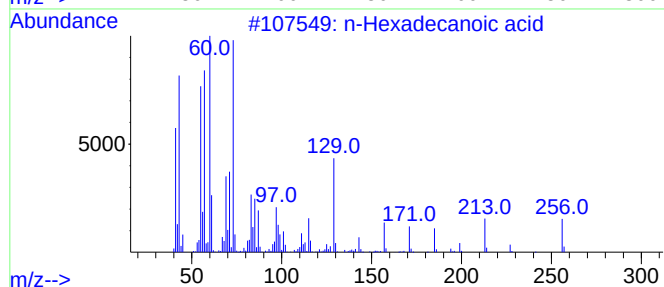
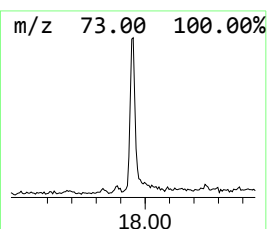
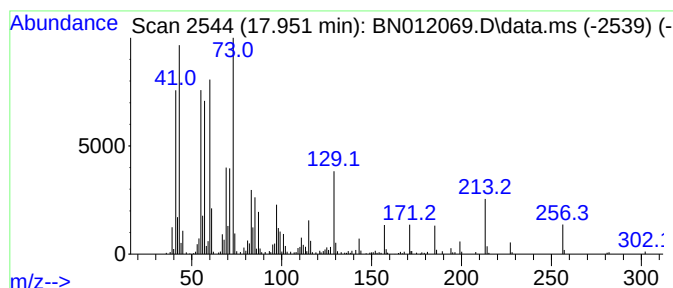
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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.
17.950	6.24 ng/ul	1058130	Phenanthrene-d10	17.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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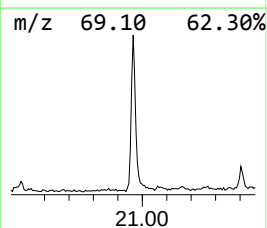
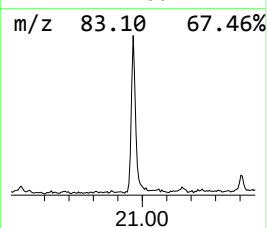
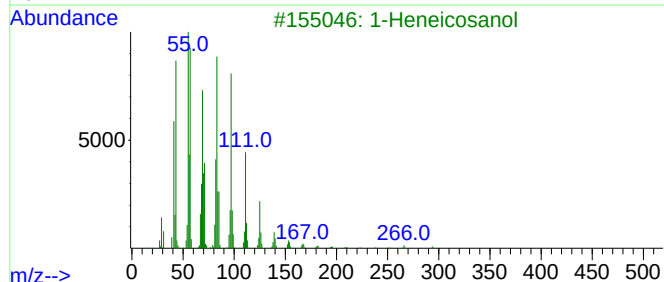
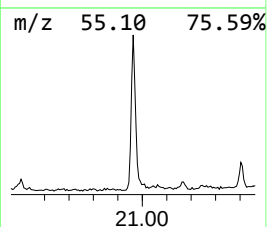
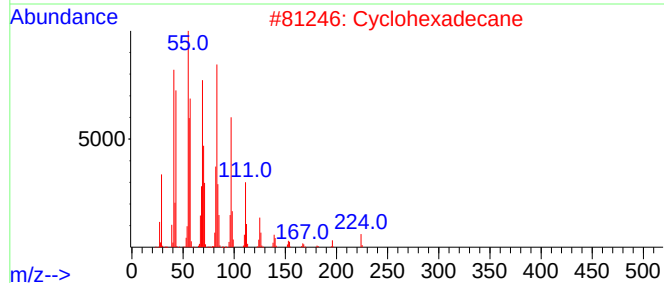
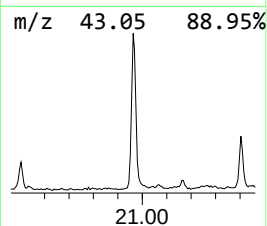
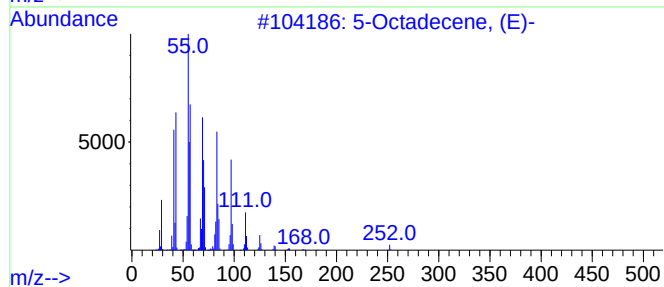
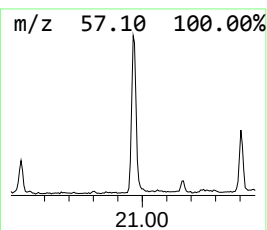
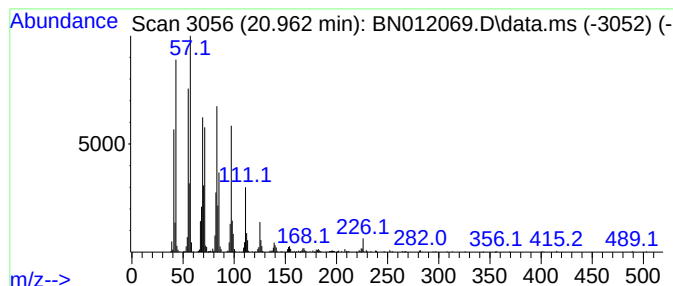
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	8.89 ng/ul	1803220	Chrysene-d12	21.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2			Cyclohexadecane	224	C16H32	000295-65-8	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Cyclotridecane	182	C13H26	000295-02-3	92
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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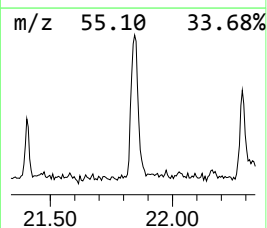
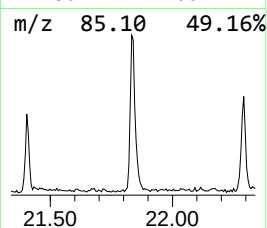
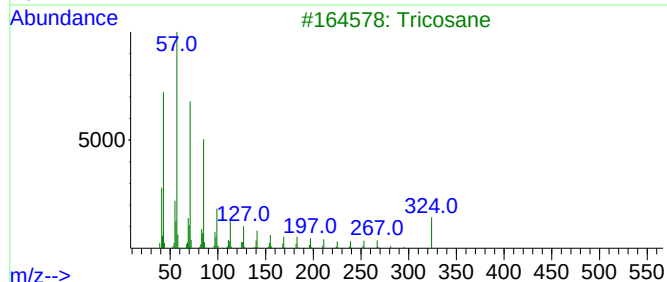
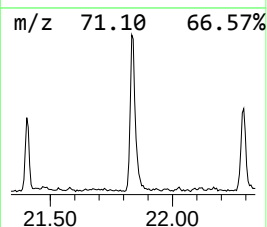
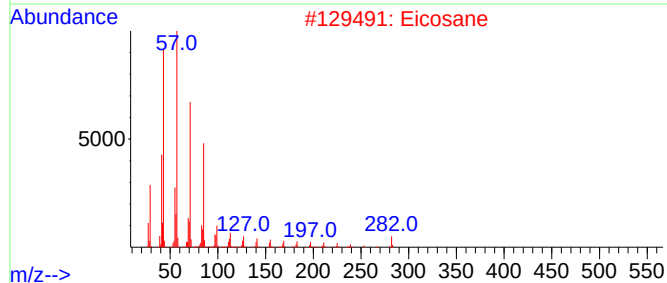
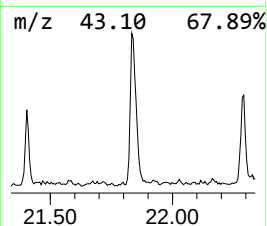
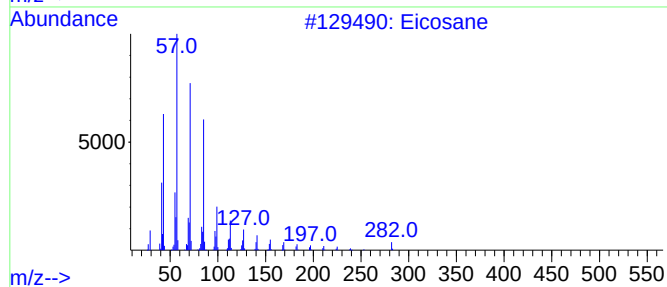
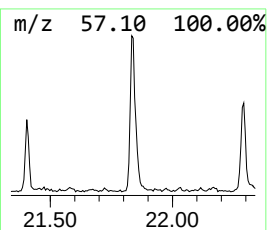
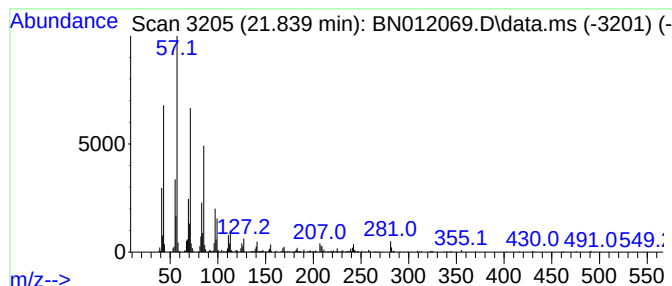
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.840	7.05 ng/ul	1430470	Chrysene-d12	21.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Tricosane	324	C23H48	000638-67-5	93
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012069.D
Acq On : 05 Oct 2020 23:36
Operator : CG/JU
Sample : L4184-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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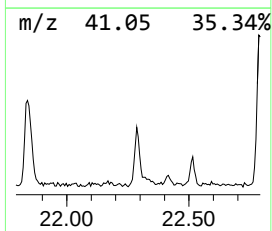
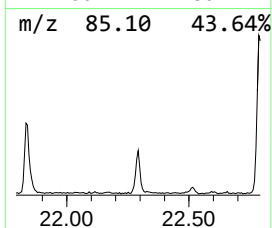
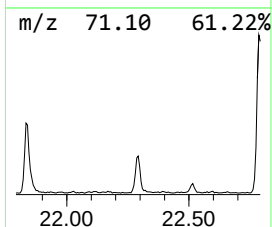
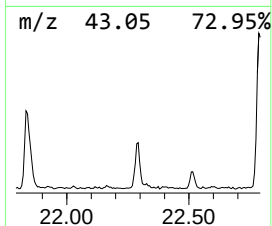
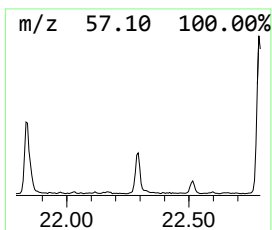
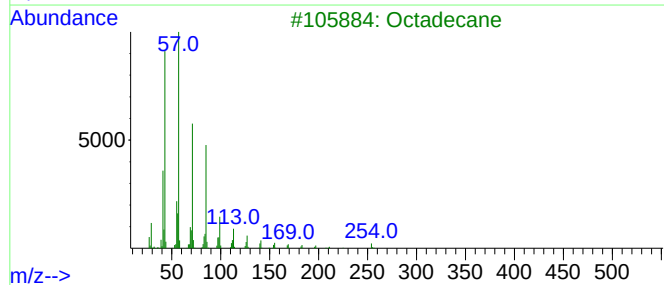
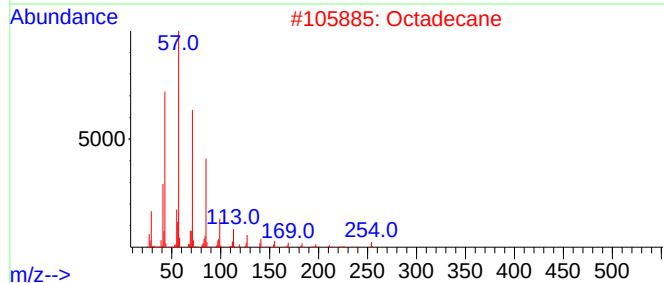
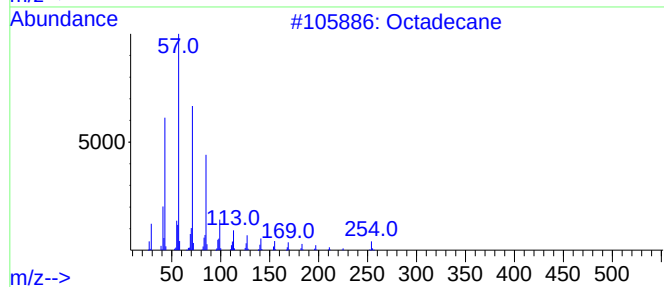
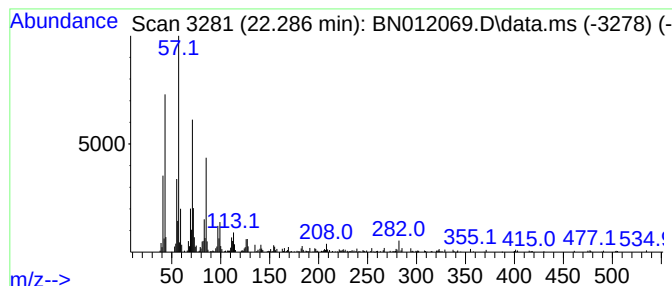
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.290	3.59 ng/ul	727521	Chrysene-d12	21.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octadecane	254	C18H38	000593-45-3	95
3			Octadecane	254	C18H38	000593-45-3	95
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
5			Heneicosane	296	C21H44	000629-94-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012069.D
Acq On : 05 Oct 2020 23:36
Operator : CG/JU
Sample : L4184-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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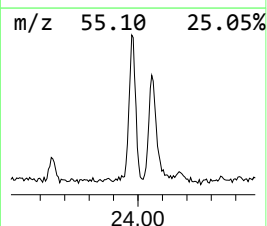
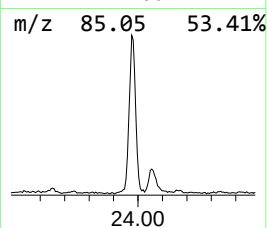
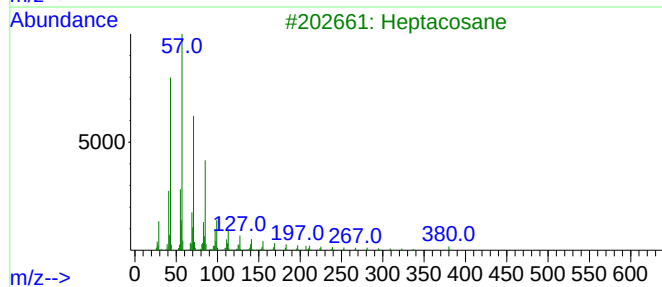
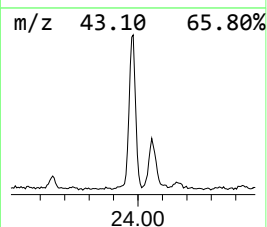
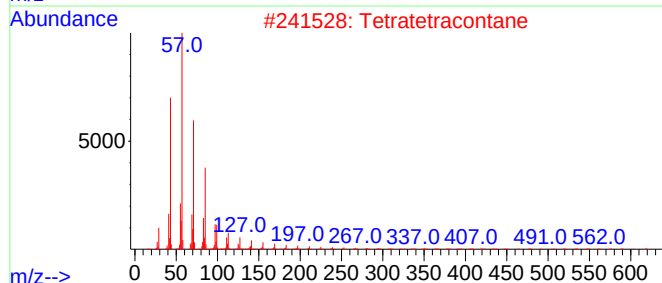
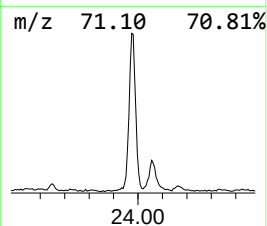
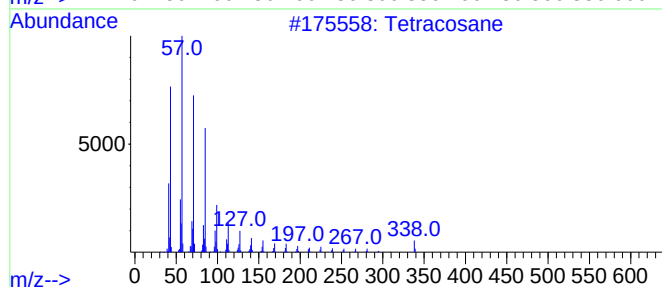
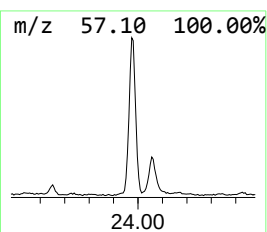
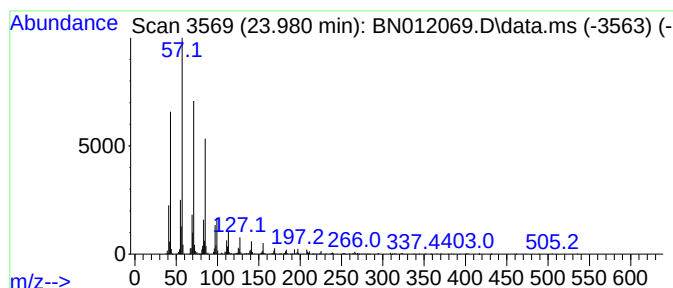
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	9.96 ng/ul	2079570	Perylene-d12	23.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012069.D
Acq On : 05 Oct 2020 23:36
Operator : CG/JU
Sample : L4184-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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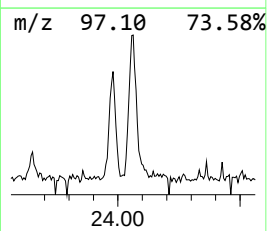
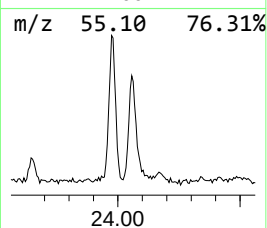
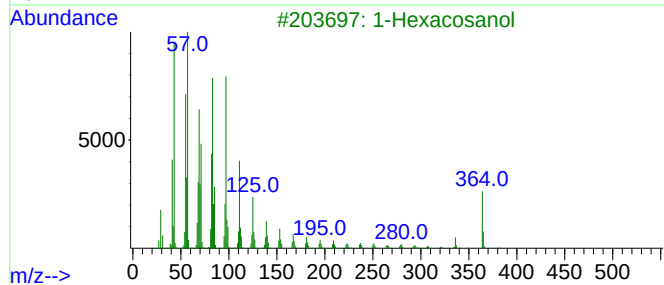
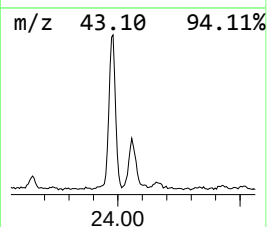
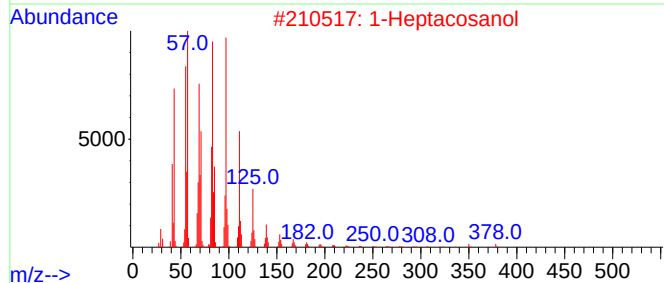
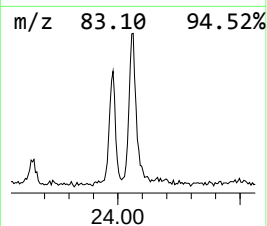
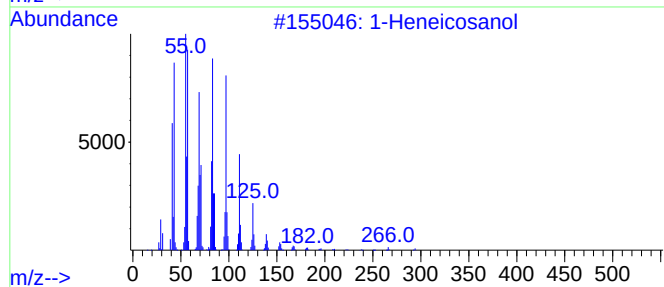
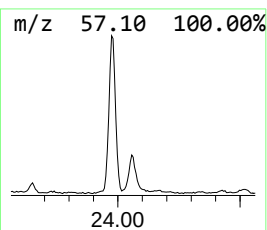
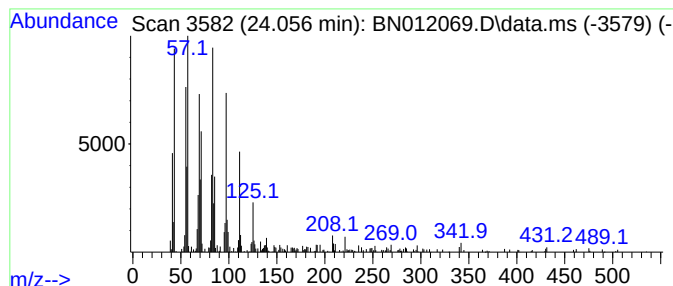
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.060	4.25 ng/ul	887032	Perylene-d12	23.445

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		1-Hexacosanol	382	C26H54O	000506-52-5	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	87
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



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Sample : L4184-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.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 ...	17.950	6.2	ng/ul	1058130	4	17.039	3392070	20.0
(DEL) Alkane: S...	20.960	8.9	ng/ul	1803220	5	21.239	4057120	20.0
(DEL) Alkane: S...	21.840	7.0	ng/ul	1430470	5	21.239	4057120	20.0
(DEL) Alkane: S...	22.290	3.6	ng/ul	727521	5	21.239	4057120	20.0
(DEL) Alkane: S...	23.980	10.0	ng/ul	2079570	6	23.445	4176680	20.0
1-Heneicosanol	24.060	4.3	ng/ul	887032	6	23.445	4176680	20.0