

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012072.D
 Acq On : 06 Oct 2020 01:24
 Operator : CG/JU
 Sample : L4184-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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-BN100220.M

Title : SVOA CALIBRATION

Signal : TIC: BN012072.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	42	rVB	45391	62424	1.53%	0.108%
2	3.605	100	105	109	rBV3	16301	23104	0.57%	0.040%
3	3.699	118	121	127	rVV2	63029	82389	2.02%	0.142%
4	3.770	129	133	137	rBV5	11369	20929	0.51%	0.036%
5	3.823	137	142	147	rBV	26459	43805	1.07%	0.076%
6	3.911	154	157	165	rVB3	17096	25204	0.62%	0.043%
7	4.458	247	250	253	rVV4	8686	9829	0.24%	0.017%
8	4.811	305	310	317	rBV3	25654	43821	1.07%	0.076%
9	5.705	458	462	466	rVB6	9913	13638	0.33%	0.024%
10	6.652	620	623	628	rBV4	11596	13998	0.34%	0.024%
11	6.828	644	653	666	rBV	725107	1193591	29.20%	2.057%
12	6.999	676	682	692	rBV	595406	927856	22.70%	1.599%
13	7.193	707	715	723	rBV	775290	1201282	29.39%	2.071%
14	7.275	726	729	741	rBV2	71367	140828	3.45%	0.243%
15	7.658	786	794	802	rBV	1103420	1676683	41.02%	2.890%
16	8.358	907	913	922	rBV	743388	1166611	28.54%	2.011%
17	8.475	928	933	942	rVV2	52112	85583	2.09%	0.148%
18	8.805	982	989	998	rBV	714033	1140170	27.89%	1.965%
19	9.234	1058	1062	1065	rBV2	7331	9944	0.24%	0.017%
20	9.522	1103	1111	1121	rBV	580698	954941	23.36%	1.646%
21	9.658	1125	1134	1136	rVV6	12259	23733	0.58%	0.041%
22	10.052	1194	1201	1210	rBV	869702	1403108	34.33%	2.418%
23	10.428	1256	1265	1275	rBV	1387029	2289616	56.01%	3.946%
24	10.569	1281	1289	1301	rBV	579699	1040667	25.46%	1.794%
25	10.957	1352	1355	1357	rBV4	6777	10601	0.26%	0.018%
26	11.216	1394	1399	1405	rBV6	12773	23090	0.56%	0.040%
27	11.869	1505	1510	1515	rBV4	6020	9993	0.24%	0.017%
28	12.022	1531	1536	1543	rVB5	15337	28133	0.69%	0.048%
29	12.322	1583	1587	1591	rVB5	5444	10027	0.25%	0.017%
30	12.904	1682	1686	1690	rBV5	8453	10583	0.26%	0.018%
31	13.128	1719	1724	1728	rVB6	6781	12979	0.32%	0.022%
32	13.199	1728	1736	1743	rBV7	24062	46735	1.14%	0.081%
33	13.704	1816	1822	1827	rVV	1605554	2232862	54.62%	3.849%
34	13.751	1827	1830	1840	rVB	673528	911719	22.30%	1.571%
35	13.987	1862	1870	1882	rVV	1618984	2375196	58.11%	4.094%
36	14.146	1894	1897	1899	rVV4	12691	16067	0.39%	0.028%

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Integrator: RTE
 Smoothing : OFF Filtering: 5
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 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

37	14.210	1904	1908	1912	rVB5	10693	14288	0.35%	0.025%
38	14.293	1916	1922	1930	rVV2	1960145	2893465	70.78%	4.987%
39	14.363	1930	1934	1938	rVB6	7922	14056	0.34%	0.024%
40	14.493	1949	1956	1971	rBV	528927	828580	20.27%	1.428%
41	14.651	1979	1983	1987	rBV6	16933	21565	0.53%	0.037%
42	14.716	1991	1994	2001	rVB6	16653	22176	0.54%	0.038%
43	14.887	2018	2023	2028	rVV6	13325	18999	0.46%	0.033%
44	15.122	2060	2063	2067	rVV3	13080	16176	0.40%	0.028%
45	15.163	2067	2070	2073	rVB3	8589	9924	0.24%	0.017%
46	15.293	2086	2092	2098	rBV	2254881	3087854	75.54%	5.322%
47	15.357	2098	2103	2105	rVV5	17998	35757	0.87%	0.062%
48	15.404	2106	2111	2121	rVV	671712	978742	23.94%	1.687%
49	15.528	2129	2132	2138	rVV3	30345	49282	1.21%	0.085%
50	15.787	2171	2176	2178	rBV6	8250	15327	0.37%	0.026%
51	15.869	2184	2190	2192	rBV6	9975	16406	0.40%	0.028%
52	16.022	2213	2216	2220	rBV6	12496	16304	0.40%	0.028%
53	16.081	2223	2226	2229	rVB5	12892	16623	0.41%	0.029%
54	16.163	2235	2240	2242	rBV5	8547	12493	0.31%	0.022%
55	16.457	2286	2290	2293	rVB6	14078	17630	0.43%	0.030%
56	16.587	2309	2312	2316	rBV5	16963	24078	0.59%	0.042%
57	16.781	2340	2345	2346	rBV4	6977	11307	0.28%	0.019%
58	16.828	2349	2353	2355	rVB4	11993	17450	0.43%	0.030%
59	16.951	2370	2374	2378	rBV5	30339	43464	1.06%	0.075%
60	17.039	2381	2389	2394	rVV	2326275	3337321	81.64%	5.752%
61	17.081	2394	2396	2401	rVV	152773	198461	4.86%	0.342%
62	17.139	2401	2406	2418	rVV2	2239968	3113124	76.16%	5.366%
63	17.222	2418	2420	2427	rVB6	16934	28766	0.70%	0.050%
64	17.457	2452	2460	2464	rVB10	15510	33500	0.82%	0.058%
65	17.551	2473	2476	2480	rBV5	11752	19452	0.48%	0.034%
66	17.687	2496	2499	2503	rVV6	11126	18158	0.44%	0.031%
67	17.722	2503	2505	2509	rVB5	17078	17241	0.42%	0.030%
68	17.828	2519	2523	2528	rBV7	26567	36477	0.89%	0.063%
69	17.887	2530	2533	2535	rBV4	17310	19502	0.48%	0.034%
70	17.910	2535	2537	2538	rVV2	20323	15679	0.38%	0.027%
71	17.945	2538	2543	2552	rVV2	502598	783094	19.16%	1.350%
72	18.016	2552	2555	2565	rVV	96283	182628	4.47%	0.315%
73	18.110	2566	2571	2575	rVV5	38827	75219	1.84%	0.130%
74	18.145	2575	2577	2582	rVB6	24024	31799	0.78%	0.055%
75	18.192	2582	2585	2589	rBV5	14859	24168	0.59%	0.042%
76	18.245	2592	2594	2603	rVB9	24003	46512	1.14%	0.080%

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77	18.422	2622	2624	2628	rVB4	20635	25678	0.63%	0.044%
78	18.463	2628	2631	2634	rVB5	10635	11907	0.29%	0.021%
79	18.516	2638	2640	2644	rVB5	15880	14052	0.34%	0.024%
80	18.616	2655	2657	2661	rBV5	12040	13696	0.34%	0.024%
81	18.839	2693	2695	2699	rVB5	22550	25914	0.63%	0.045%
82	18.881	2699	2702	2706	rBV5	54392	71156	1.74%	0.123%
83	18.975	2716	2718	2727	rVB10	26739	62353	1.53%	0.107%
84	19.104	2732	2740	2744	rBV	374890	586517	14.35%	1.011%
85	19.233	2758	2762	2768	rBV2	191829	265941	6.51%	0.458%
86	19.439	2792	2797	2806	rBV2	2782694	4087711	100.00%	7.046%
87	19.969	2884	2887	2890	rBV4	60811	76936	1.88%	0.133%
88	20.004	2891	2893	2896	rVB2	75592	74681	1.83%	0.129%
89	20.228	2927	2931	2935	rBV3	181277	245095	6.00%	0.422%
90	20.433	2963	2966	2971	rVB2	101262	119657	2.93%	0.206%
91	20.963	3052	3056	3062	rBV	1154629	1390029	34.01%	2.396%
92	21.163	3087	3090	3095	rVB	419440	468825	11.47%	0.808%
93	21.239	3097	3103	3107	rBV	3011088	3973642	97.21%	6.849%
94	21.404	3128	3131	3135	rBV2	275328	307784	7.53%	0.531%
95	21.833	3201	3204	3217	rBV3	443337	828127	20.26%	1.427%
96	22.286	3278	3281	3287	rVB2	349395	446041	10.91%	0.769%
97	22.786	3362	3366	3370	rBV	831738	1152735	28.20%	1.987%
98	23.304	3448	3454	3458	rBV	1983547	3457011	84.57%	5.959%
99	23.445	3472	3478	3484	rVB2	2003575	3611216	88.34%	6.224%
100	23.974	3564	3568	3576	rVB	727235	1256038	30.73%	2.165%

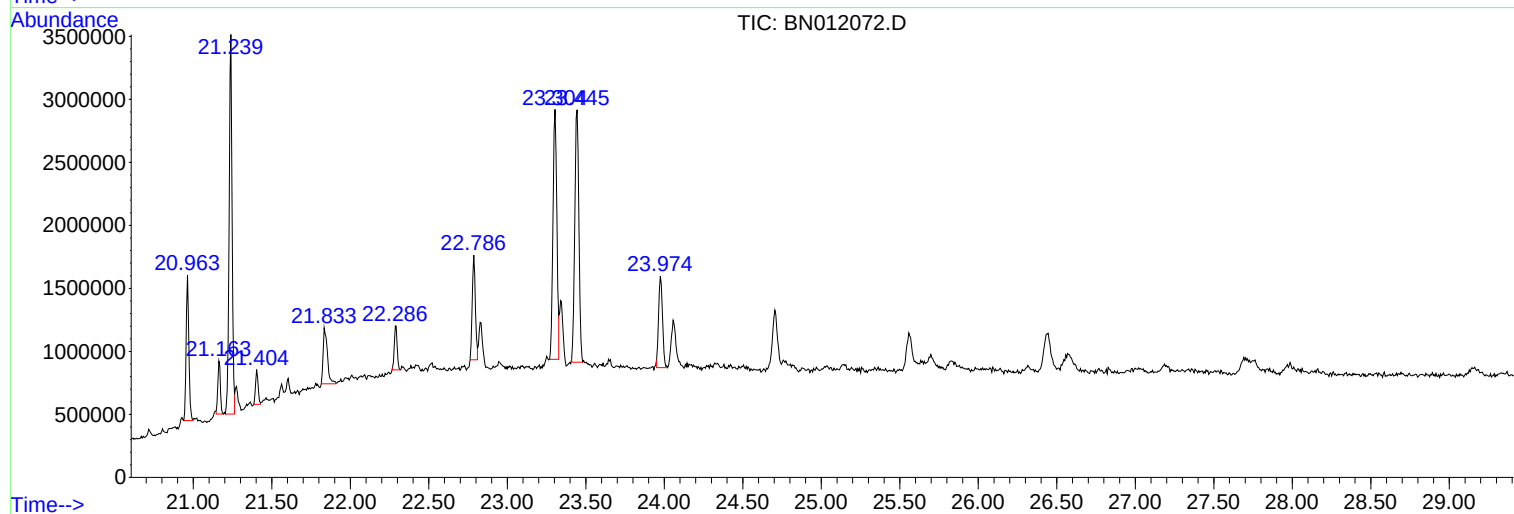
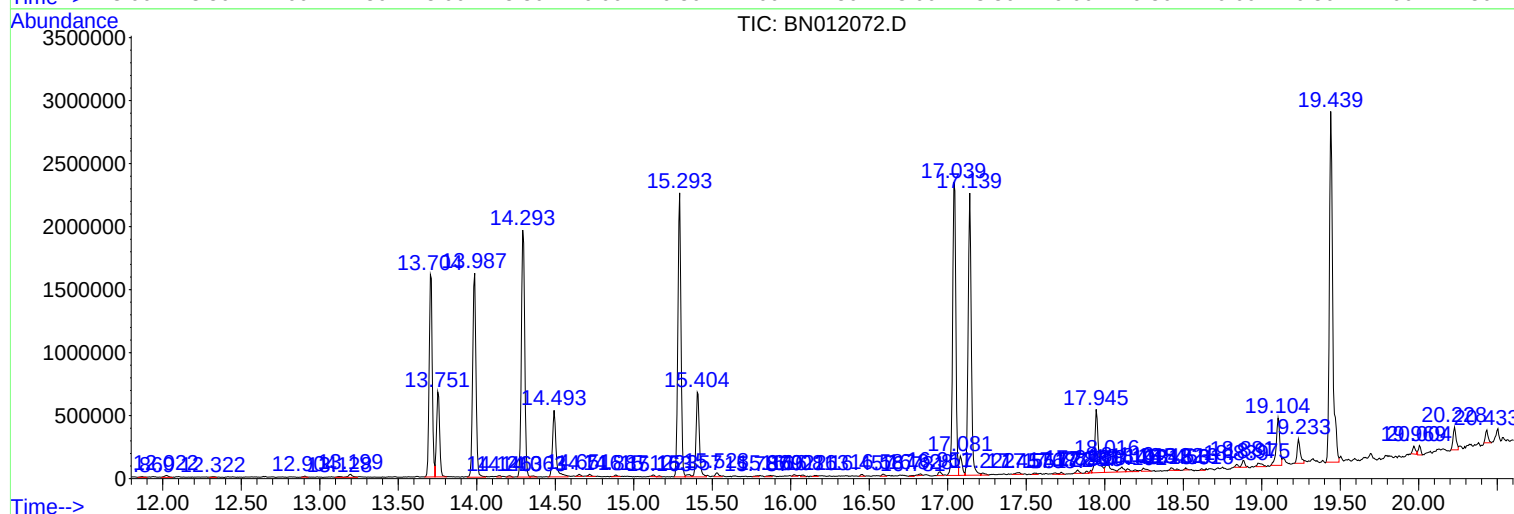
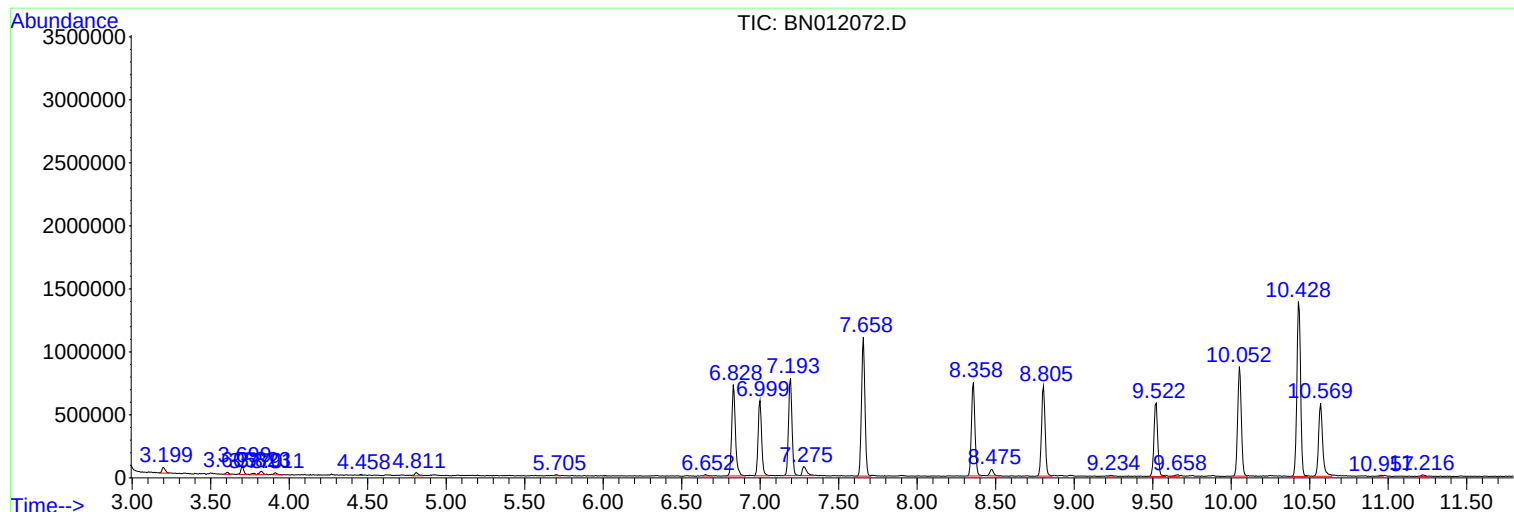
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



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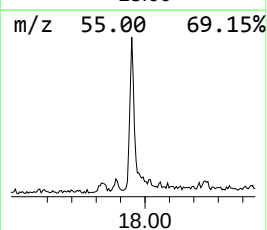
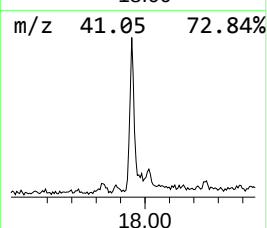
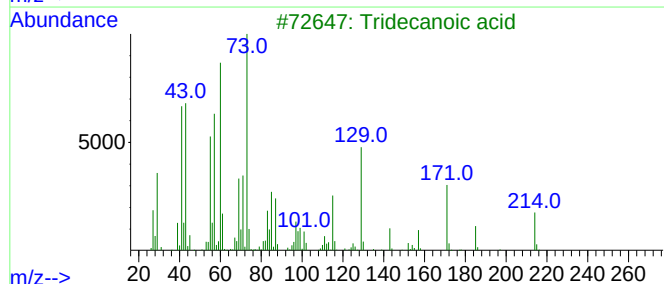
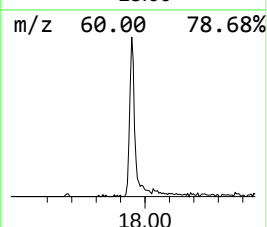
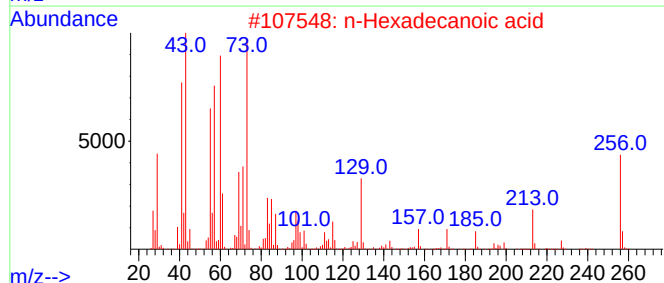
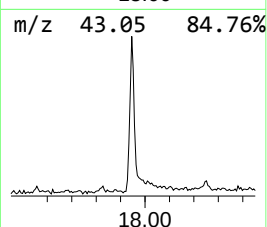
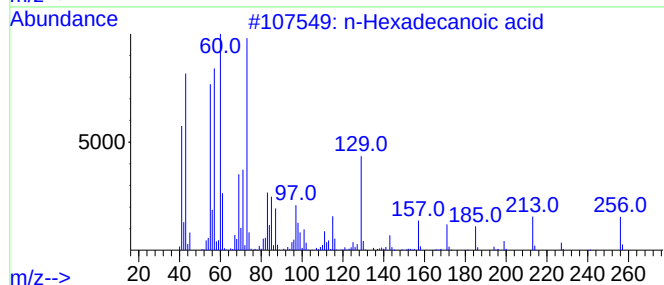
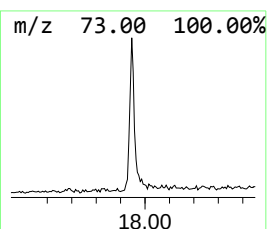
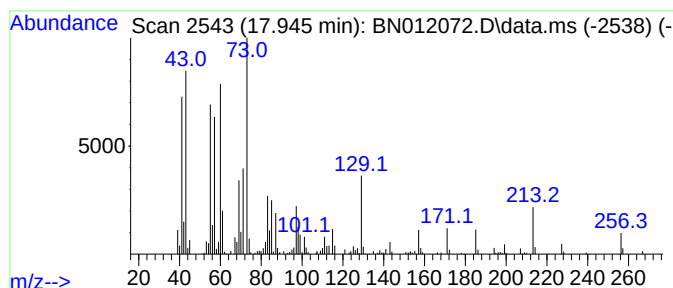
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.950	4.69 ng/ul	783094	Phenanthrene-d10	17.045

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	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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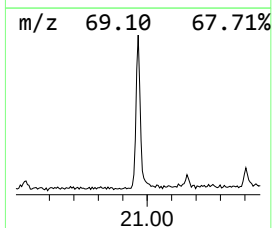
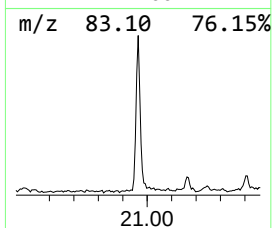
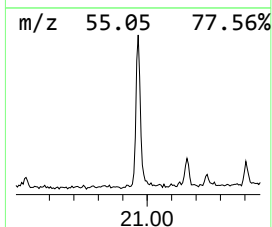
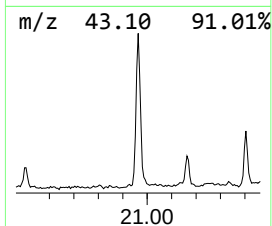
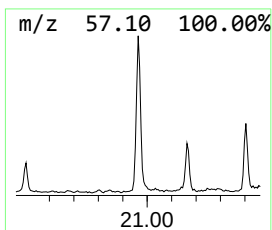
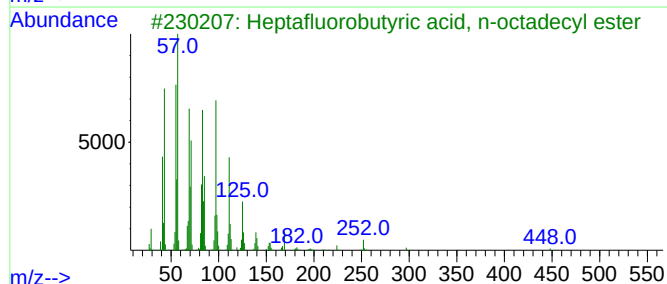
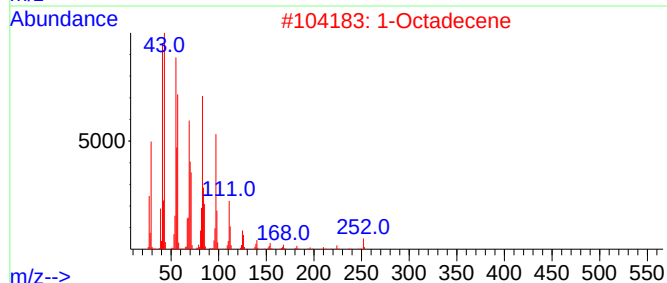
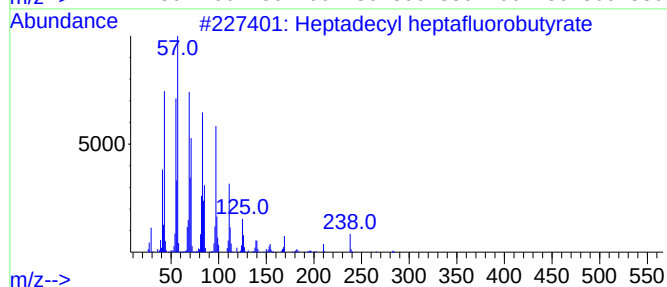
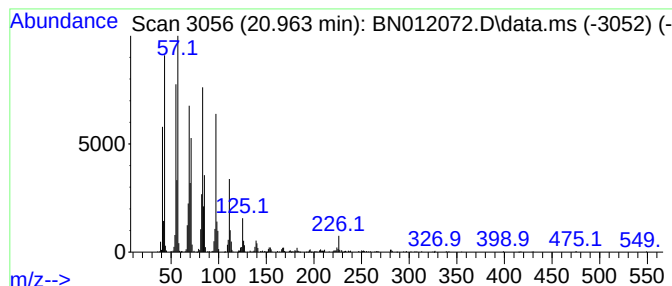
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	7.00 ng/ul	1390030	Chrysene-d12	21.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			1-Octadecene	252	C18H36	000112-88-9	93
3			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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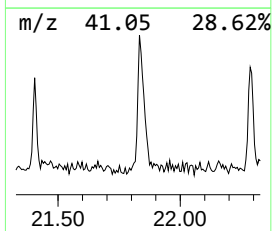
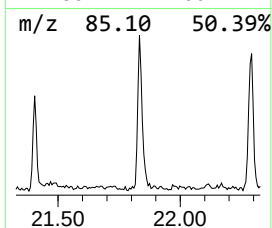
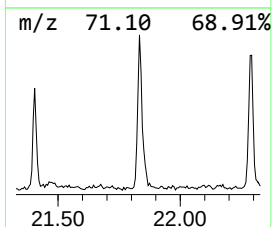
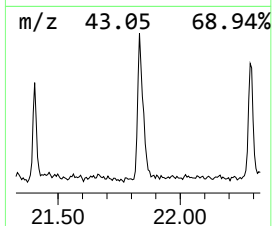
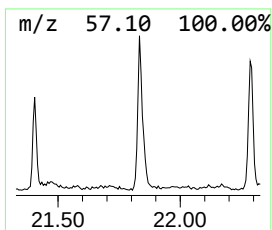
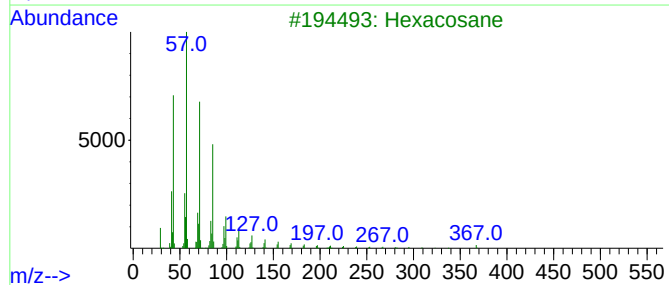
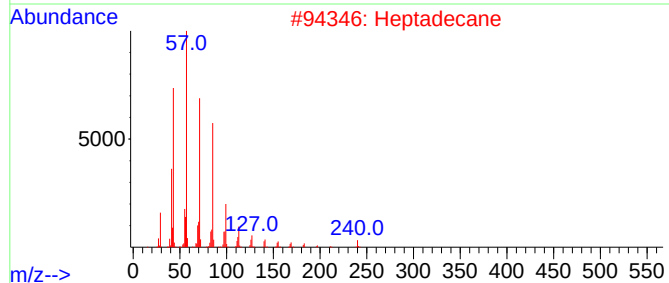
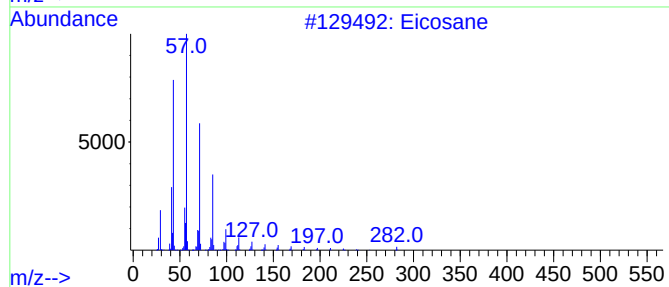
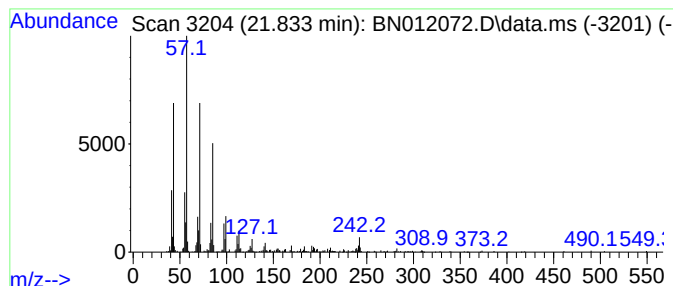
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.830	4.17 ng/ul	828127	Chrysene-d12		21.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heptadecane		240	C17H36	000629-78-7	95
3	Hexacosane		366	C26H54	000630-01-3	93
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012072.D
Acq On : 06 Oct 2020 01:24
Operator : CG/JU
Sample : L4184-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

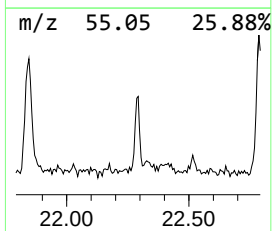
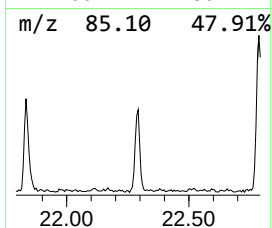
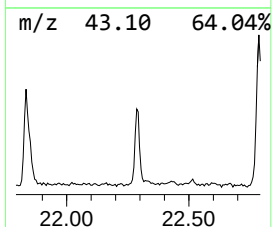
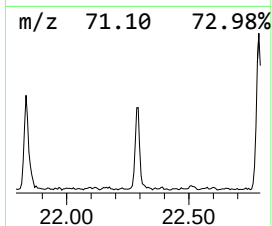
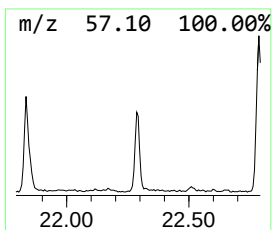
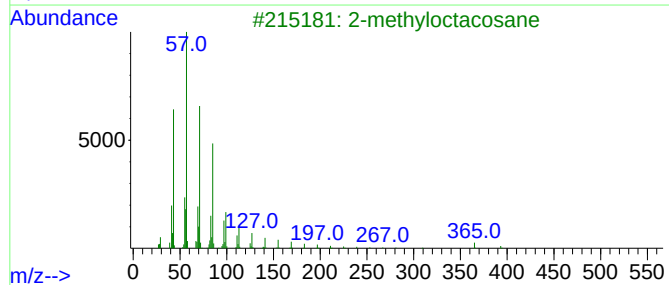
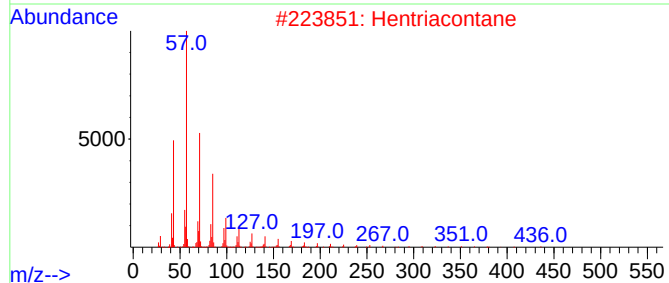
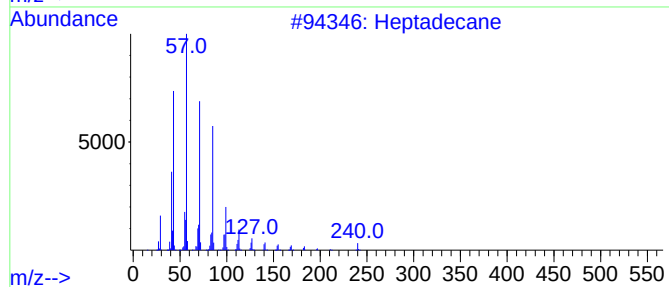
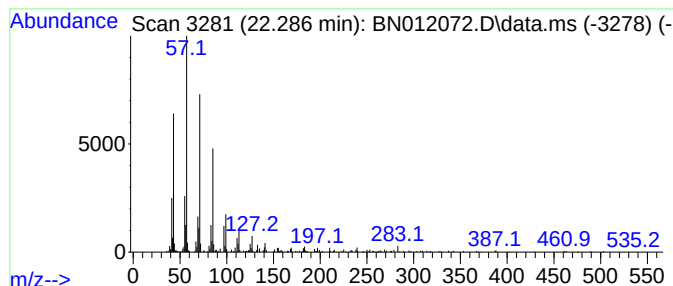
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.290	2.25 ng/ul	446041	Chrysene-d12	21.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hentriacontane	437	C31H64	000630-04-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012072.D
Acq On : 06 Oct 2020 01:24
Operator : CG/JU
Sample : L4184-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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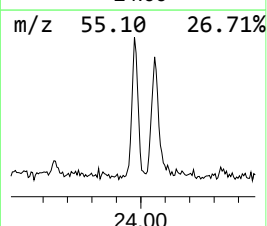
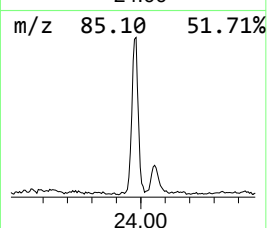
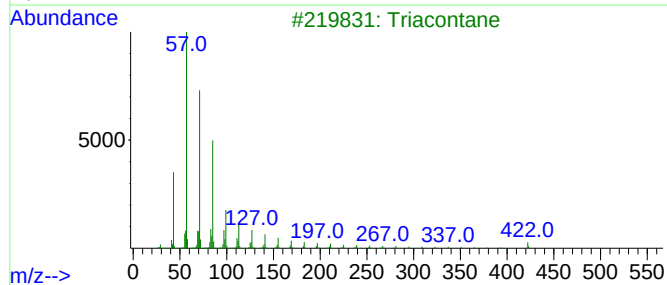
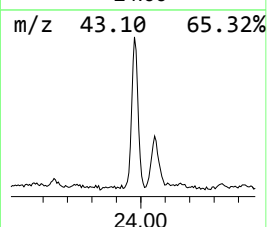
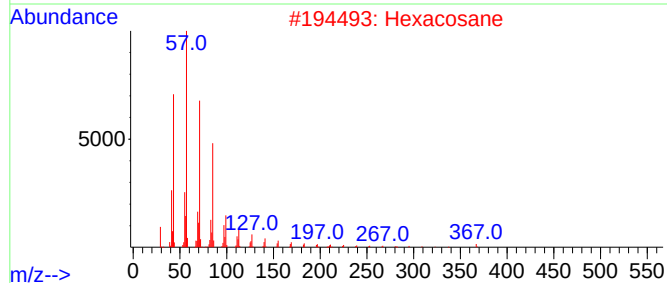
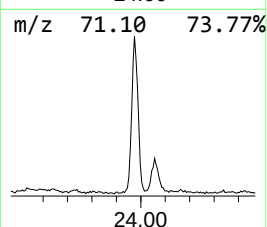
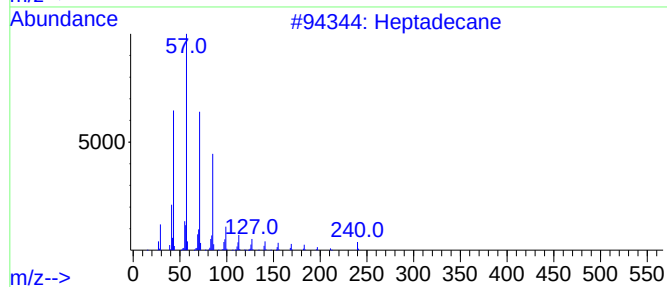
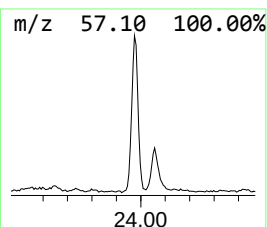
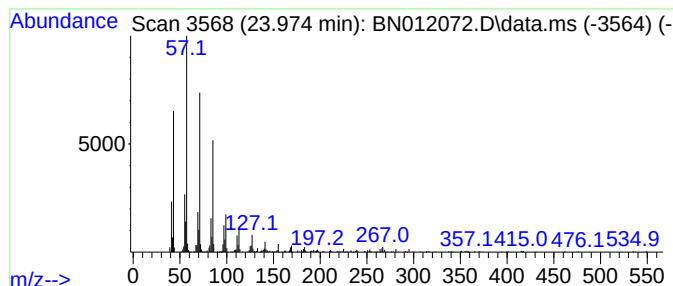
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.970	6.96 ng/ul	1256040	Perylene-d12	23.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Triacontane	422	C30H62	000638-68-6	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
Data File : BN012072.D
Acq On : 06 Oct 2020 01:24
Operator : CG/JU
Sample : L4184-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL7

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	4.7	ng/ul	783094	4	17.045	3337320	20.0
Heptadecyl hept...	20.960	7.0	ng/ul	1390030	5	21.239	3973640	20.0
(DEL) Alkane: S...	21.830	4.2	ng/ul	828127	5	21.239	3973640	20.0
(DEL) Alkane: S...	22.290	2.3	ng/ul	446041	5	21.239	3973640	20.0
(DEL) Alkane: S...	23.970	7.0	ng/ul	1256040	6	23.445	3611220	20.0