

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000474.D
 Acq On : 20 Mar 2018 03:23
 Operator : JU/SJ
 Sample : J1933-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED4

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.508	9	12	18	rVB3	8078	10611	0.27%	0.019%
2	3.596	23	27	36	rVB	64098	95177	2.38%	0.168%
3	3.896	75	78	90	rVV	26857	47103	1.18%	0.083%
4	4.420	163	167	174	rVB3	5753	10974	0.27%	0.019%
5	5.408	331	335	344	rVB2	8709	15384	0.39%	0.027%
6	5.755	387	394	402	rBV	7702	17627	0.44%	0.031%
7	6.008	432	437	443	rVB3	5808	10884	0.27%	0.019%
8	6.425	500	508	515	rBV	49873	79058	1.98%	0.139%
9	6.578	523	534	540	rVB6	7170	17556	0.44%	0.031%
10	7.355	659	666	674	rBV4	11694	23778	0.60%	0.042%
11	7.549	692	699	717	rVV	990977	1760645	44.07%	3.100%
12	7.725	721	729	739	rBV	843173	1356968	33.97%	2.389%
13	7.819	741	745	750	rVB2	5011	9441	0.24%	0.017%
14	7.937	758	765	774	rBV	1004734	1657903	41.50%	2.919%
15	8.419	840	847	861	rBV	964850	1574866	39.42%	2.773%
16	9.119	959	966	975	rBV	1218696	2020253	50.57%	3.557%
17	9.596	1039	1047	1056	rBV	900193	1526520	38.21%	2.687%
18	9.672	1056	1060	1067	rVV3	17997	34820	0.87%	0.061%
19	9.955	1102	1108	1113	rVB	24707	34848	0.87%	0.061%
20	10.325	1163	1171	1180	rBV	720466	1238716	31.01%	2.181%
21	10.866	1255	1263	1275	rBV	1130045	1921888	48.11%	3.384%
22	11.254	1322	1329	1343	rVB	1238501	2137928	53.52%	3.764%
23	11.384	1343	1351	1362	rBV	1085201	1851208	46.34%	3.259%
24	12.437	1526	1530	1536	rVB	10168	14369	0.36%	0.025%
25	12.690	1567	1573	1579	rBV2	7382	10961	0.27%	0.019%
26	12.813	1589	1594	1600	rBV	18587	27310	0.68%	0.048%
27	13.396	1687	1693	1705	rBV5	6161	15443	0.39%	0.027%
28	13.631	1728	1733	1737	rBV	9152	12933	0.32%	0.023%
29	13.831	1760	1767	1773	rBV	39496	55352	1.39%	0.097%
30	13.901	1774	1779	1784	rBV2	18564	29703	0.74%	0.052%
31	14.425	1859	1868	1872	rVV	1782360	2520179	63.08%	4.437%
32	14.472	1872	1876	1881	rVV	493640	681448	17.06%	1.200%
33	14.519	1881	1884	1892	rVB2	13630	21724	0.54%	0.038%
34	14.595	1892	1897	1901	rBV	9687	14037	0.35%	0.025%

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000474.D
 Acq On : 20 Mar 2018 03:23
 Operator : JU/SJ
 Sample : J1933-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED4

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

35	14.648	1901	1906	1907	rBV3	7724	9462	0.24%	0.017%
36	14.737	1914	1921	1929	rVB	2185016	3270636	81.87%	5.758%
37	14.890	1942	1947	1953	rBV	121869	148253	3.71%	0.261%
38	14.960	1955	1959	1965	rBV5	8975	16541	0.41%	0.029%
39	15.037	1965	1972	1980	rVB2	1603082	2456170	61.48%	4.324%
40	15.207	1995	2001	2011	rBV	785857	1166714	29.20%	2.054%
41	15.325	2017	2021	2027	rBV5	11361	21314	0.53%	0.038%
42	15.384	2027	2031	2037	rBV4	13533	24565	0.61%	0.043%
43	15.442	2037	2041	2045	rVB2	12434	17238	0.43%	0.030%
44	15.501	2045	2051	2054	rBV	22838	36626	0.92%	0.064%
45	15.572	2059	2063	2067	rVB2	13743	18968	0.47%	0.033%
46	15.725	2084	2089	2094	rBV8	4402	9500	0.24%	0.017%
47	15.784	2094	2099	2103	rBV	44816	63627	1.59%	0.112%
48	15.831	2103	2107	2112	rVB	147129	177441	4.44%	0.312%
49	15.890	2112	2117	2121	rBV3	7877	14670	0.37%	0.026%
50	15.937	2121	2125	2132	rVB8	7754	17470	0.44%	0.031%
51	16.019	2132	2139	2146	rBV	2587932	3727182	93.30%	6.562%
52	16.131	2152	2158	2167	rBV	717852	969126	24.26%	1.706%
53	16.237	2168	2176	2177	rBV2	33384	61784	1.55%	0.109%
54	16.331	2188	2192	2197	rVB3	10388	14472	0.36%	0.025%
55	16.378	2197	2200	2208	rVV5	13848	25335	0.63%	0.045%
56	16.448	2208	2212	2218	rVB2	18433	24582	0.62%	0.043%
57	16.642	2239	2245	2247	rBV4	12496	22939	0.57%	0.040%
58	16.684	2247	2252	2260	rVV	113951	180376	4.52%	0.318%
59	16.866	2281	2283	2291	rVB4	9808	15911	0.40%	0.028%
60	16.966	2294	2300	2305	rVV	42362	63138	1.58%	0.111%
61	17.031	2306	2311	2317	rVV4	11492	26227	0.66%	0.046%
62	17.084	2317	2320	2323	rVV2	10823	13275	0.33%	0.023%
63	17.119	2323	2326	2334	rVB3	22062	37206	0.93%	0.066%
64	17.189	2334	2338	2344	rBV4	13986	21354	0.53%	0.038%
65	17.254	2344	2349	2353	rBV2	8749	12307	0.31%	0.022%
66	17.472	2382	2386	2390	rBV	67076	83286	2.08%	0.147%
67	17.525	2391	2395	2397	rBV2	14625	17512	0.44%	0.031%
68	17.760	2429	2435	2446	rBV2	1809774	2578256	64.54%	4.539%
69	17.860	2446	2452	2461	rVB2	2615855	3750622	93.88%	6.603%
70	18.001	2473	2476	2483	rVB3	9379	17014	0.43%	0.030%
71	18.107	2487	2494	2502	rBV6	14303	40959	1.03%	0.072%

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED4

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

72	18.201	2506	2510	2515	rVB	40983	52550	1.32%	0.093%
73	18.378	2536	2540	2546	rVB	31202	41144	1.03%	0.072%
74	18.507	2554	2562	2565	rBV6	8219	20250	0.51%	0.036%
75	18.601	2572	2578	2589	rBV	592474	909745	22.77%	1.602%
76	18.883	2622	2626	2629	rBV	36859	43520	1.09%	0.077%
77	18.925	2629	2633	2637	rVB3	15600	21651	0.54%	0.038%
78	19.013	2645	2648	2651	rVB4	9060	10378	0.26%	0.018%
79	19.360	2704	2707	2710	rVB	10476	11022	0.28%	0.019%
80	19.454	2718	2723	2728	rBV6	27386	56852	1.42%	0.100%
81	19.501	2728	2731	2733	rVV	37216	48784	1.22%	0.086%
82	19.525	2733	2735	2739	rVB	91445	88662	2.22%	0.156%
83	19.654	2752	2757	2761	rBV2	34101	44962	1.13%	0.079%
84	19.713	2763	2767	2769	rBV3	25674	34618	0.87%	0.061%
85	19.754	2769	2774	2783	rVB	45429	86429	2.16%	0.152%
86	19.848	2786	2790	2797	rBV	188508	282774	7.08%	0.498%
87	20.001	2814	2816	2821	rVB	27048	34679	0.87%	0.061%
88	20.066	2823	2827	2830	rVV2	47174	63019	1.58%	0.111%
89	20.113	2830	2835	2843	rVB2	2770914	3994936	100.00%	7.033%
90	20.595	2911	2917	2921	rBV	71486	120572	3.02%	0.212%
91	20.930	2971	2974	2980	rBV3	64557	100263	2.51%	0.177%
92	21.042	2991	2993	2996	rBV2	30107	32098	0.80%	0.057%
93	21.083	2997	3000	3003	rVB	43414	44093	1.10%	0.078%
94	21.542	3074	3078	3097	rVB	570397	1048030	26.23%	1.845%
95	21.883	3130	3136	3142	rBV	1918475	2570751	64.35%	4.526%
96	22.971	3317	3321	3327	rVB2	74379	109000	2.73%	0.192%
97	23.530	3412	3416	3421	rBV3	99228	154478	3.87%	0.272%
98	24.207	3519	3531	3544	rBV2	1759215	3966403	99.29%	6.983%
99	24.366	3550	3558	3568	rVB	1231046	2548034	63.78%	4.486%
100	24.889	3643	3647	3656	rVB2	113033	231560	5.80%	0.408%

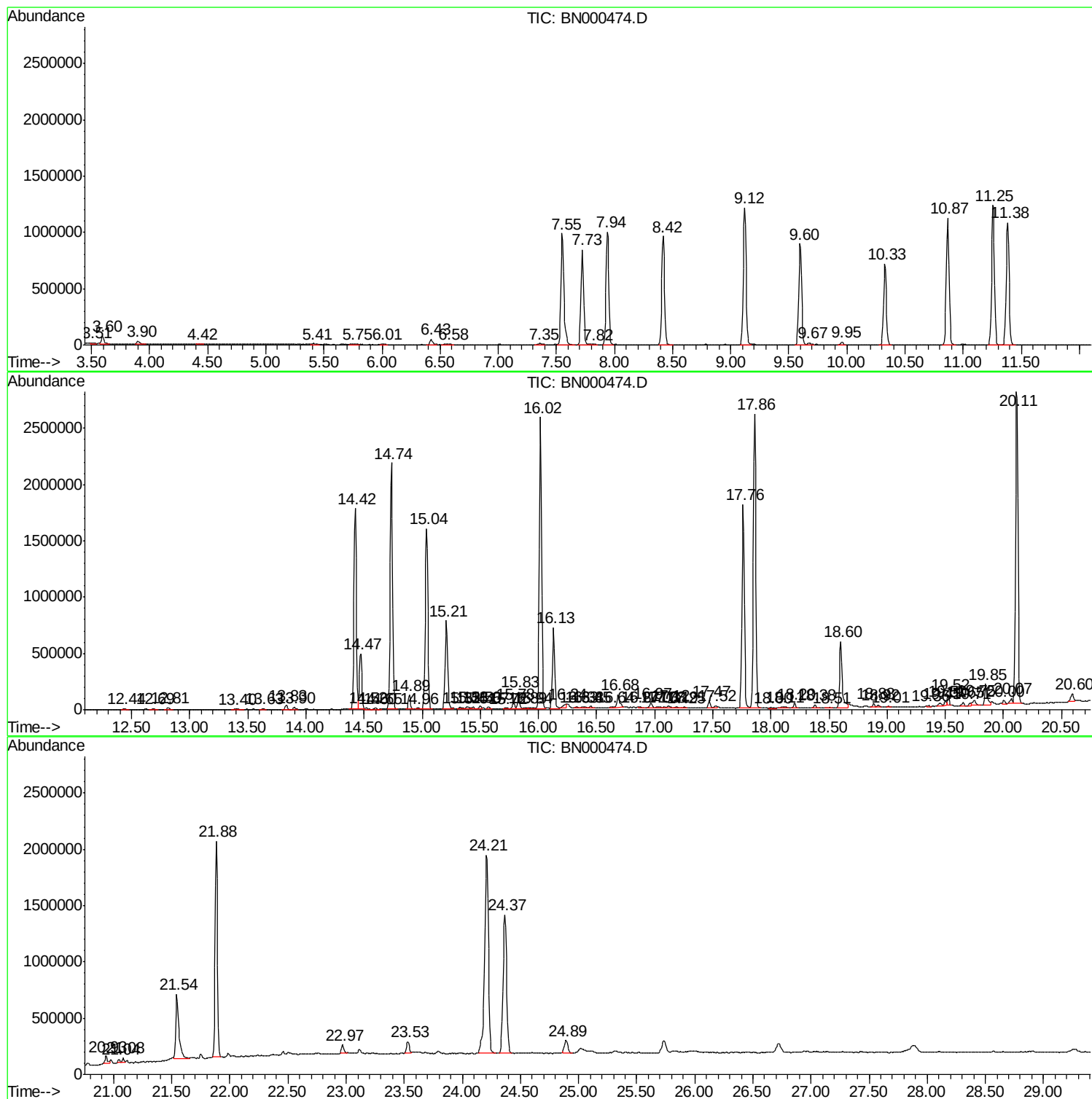
Sum of corrected areas: 56800930

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
BEED4

Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED4

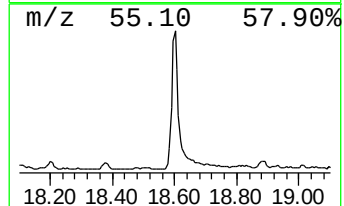
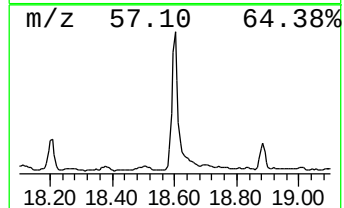
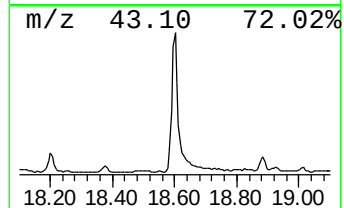
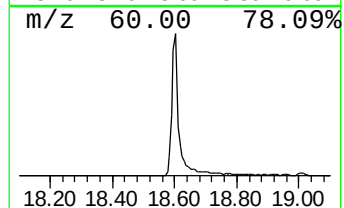
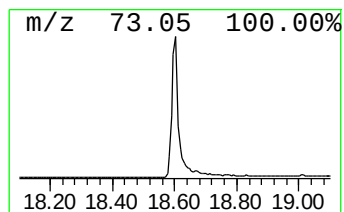
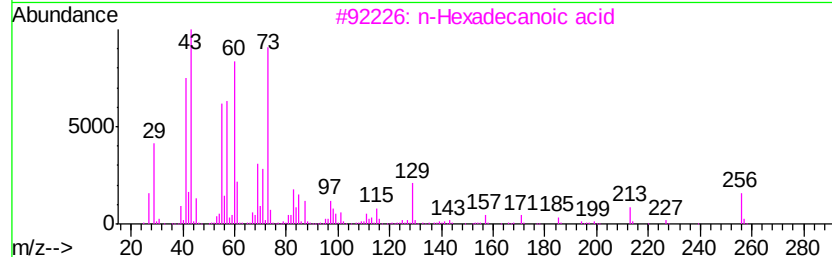
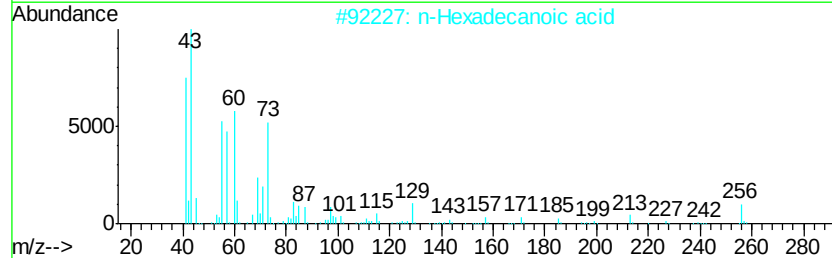
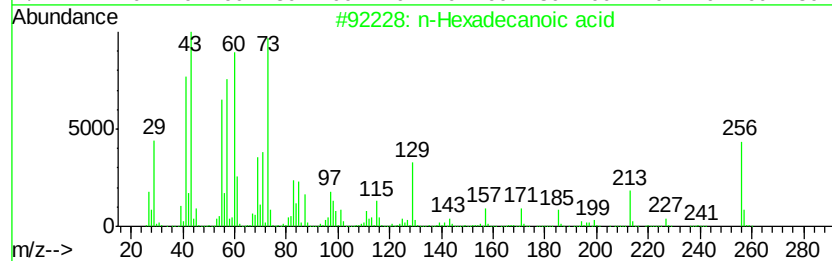
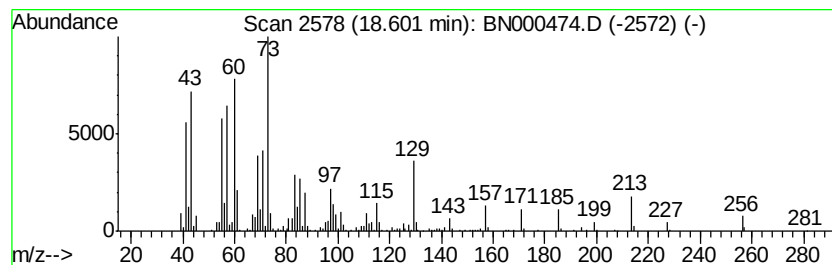
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	7.06 ng/ul	909745	Phenanthrene-d10	17.76

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	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED4

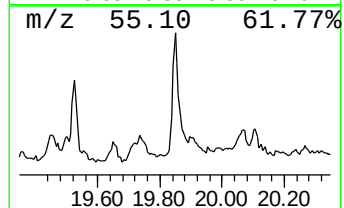
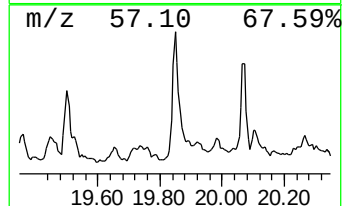
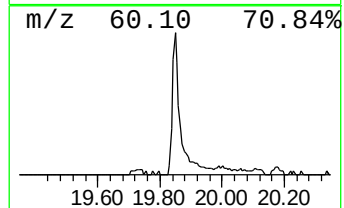
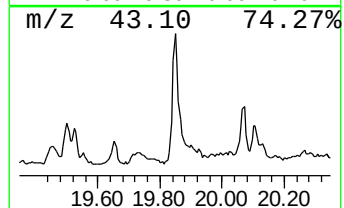
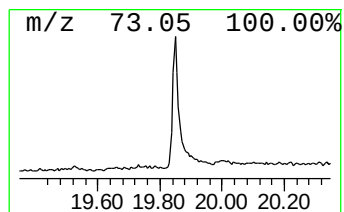
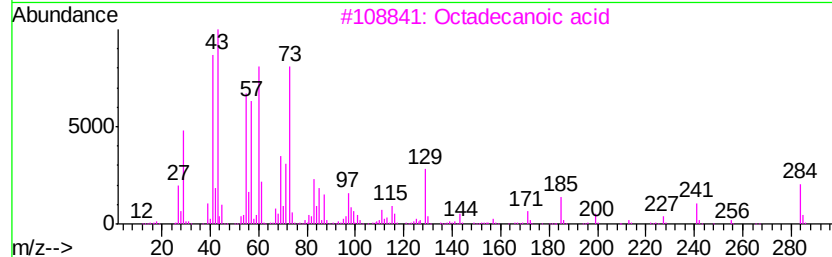
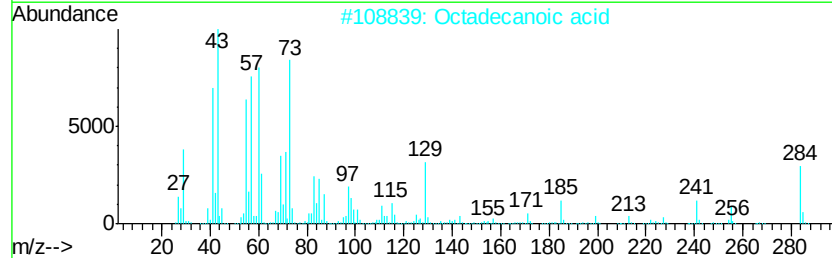
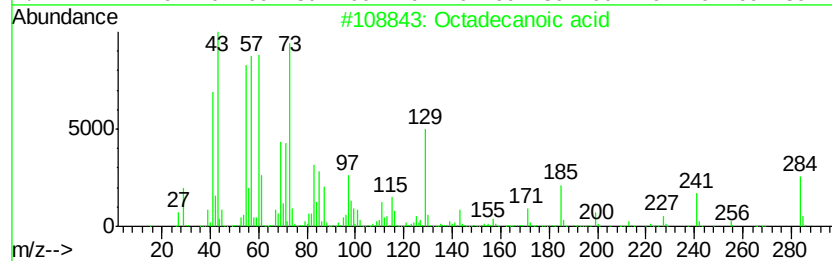
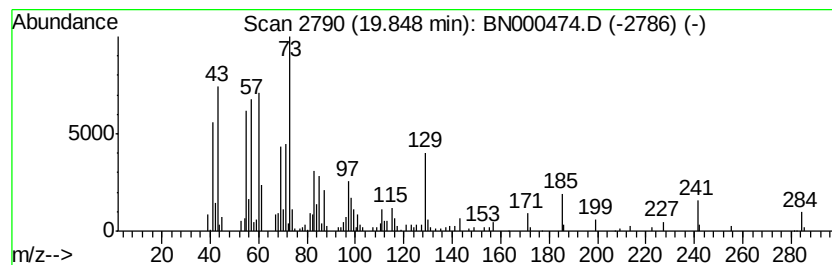
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.20 ng/ul	282774	Chrysene-d12	21.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	97
2	Octadecanoic acid		284	C18H36O2	000057-11-4	96
3	Octadecanoic acid		284	C18H36O2	000057-11-4	95
4	Octadecanoic acid		284	C18H36O2	000057-11-4	94
5	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED4

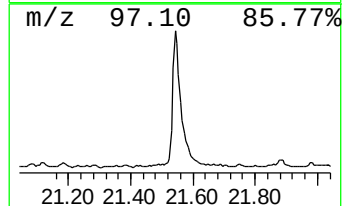
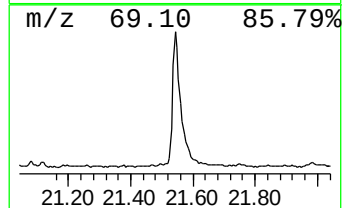
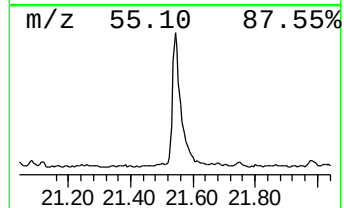
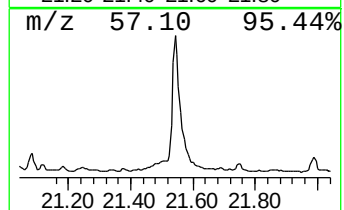
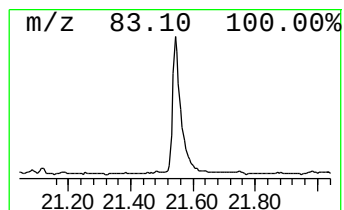
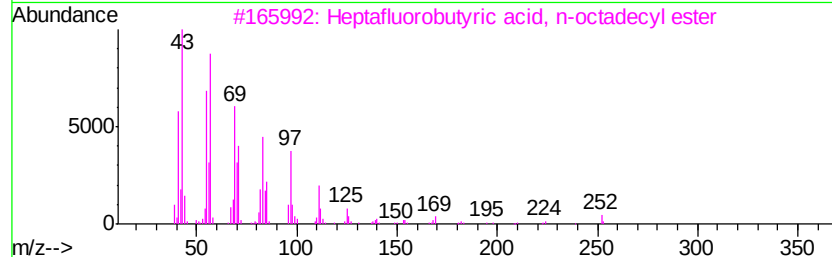
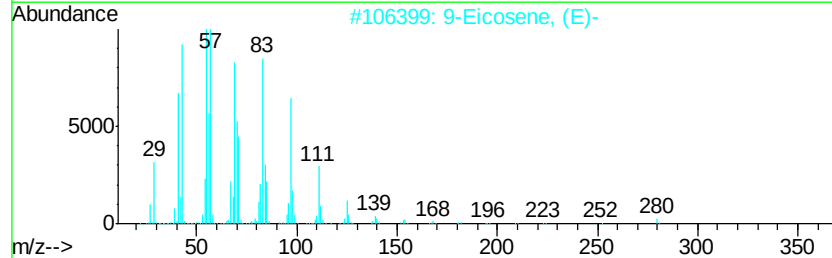
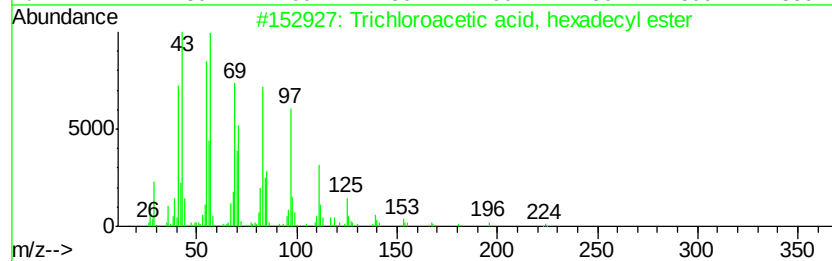
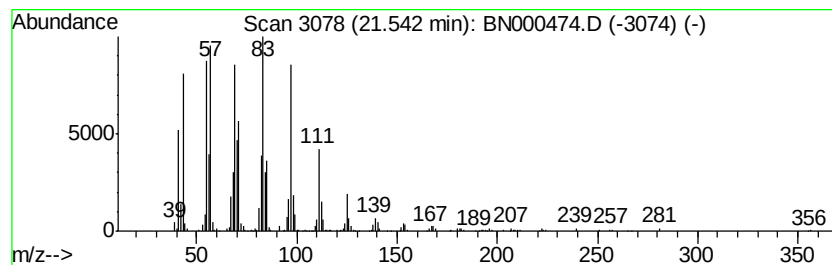
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	8.15 ng/ul	1048030	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
Data File : BN000474.D
Acq On : 20 Mar 2018 03:23
Operator : JU/SJ
Sample : J1933-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED4

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	18.60	7.1	ng/ul	909745	4	17.76	2578260	20.0
Octadecanoic acid	19.85	2.2	ng/ul	282774	5	21.88	2570750	20.0
Trichloroacetic a...	21.54	8.2	ng/ul	1048030	5	21.88	2570750	20.0