

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000472.D
 Acq On : 20 Mar 2018 02:14
 Operator : JU/SJ
 Sample : J1933-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED3

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	3.590	21	26	38	rVB	72272	105466	1.98%	0.142%
2	3.902	75	79	86	rBV2	12587	22035	0.41%	0.030%
3	6.419	502	507	518	rBV	117613	182962	3.43%	0.247%
4	7.360	660	667	675	rBV2	11751	26418	0.50%	0.036%
5	7.484	683	688	692	rBV	28076	37336	0.70%	0.050%
6	7.549	692	699	714	rVB	1174949	2118712	39.75%	2.862%
7	7.725	720	729	740	rBV	1051416	1668666	31.31%	2.254%
8	7.937	758	765	774	rBV	1199090	1971947	37.00%	2.664%
9	8.419	840	847	860	rBV	1133781	1828775	34.31%	2.471%
10	8.784	902	909	917	rBV3	11915	19458	0.37%	0.026%
11	9.119	958	966	977	rBV	1581406	2621691	49.19%	3.542%
12	9.601	1039	1048	1056	rBV	1142808	1959286	36.76%	2.647%
13	9.678	1056	1061	1068	rVV	30499	59686	1.12%	0.081%
14	9.954	1102	1108	1114	rVB	50196	74493	1.40%	0.101%
15	10.325	1163	1171	1182	rBV	945594	1618825	30.37%	2.187%
16	10.866	1256	1263	1280	rBV	1459789	2491982	46.75%	3.367%
17	11.260	1321	1330	1341	rBV	1530856	2659206	49.89%	3.592%
18	11.384	1343	1351	1359	rBV	1305512	2212554	41.51%	2.989%
19	12.437	1526	1530	1535	rVB	19259	25845	0.48%	0.035%
20	12.690	1568	1573	1578	rBV2	10865	17779	0.33%	0.024%
21	12.813	1589	1594	1600	rVB2	25622	38580	0.72%	0.052%
22	13.395	1689	1693	1701	rVB3	7691	16443	0.31%	0.022%
23	13.631	1728	1733	1739	rVB2	12905	18855	0.35%	0.025%
24	13.831	1760	1767	1772	rBV	32764	45996	0.86%	0.062%
25	13.901	1774	1779	1785	rVV2	27371	39636	0.74%	0.054%
26	14.425	1859	1868	1873	rVV	2546824	3606247	67.66%	4.872%
27	14.472	1873	1876	1882	rVB	444537	575660	10.80%	0.778%
28	14.519	1882	1884	1892	rVB2	14389	21362	0.40%	0.029%
29	14.660	1901	1908	1909	rBV3	12294	22644	0.42%	0.031%
30	14.736	1914	1921	1933	rVB	3023079	4542846	85.23%	6.137%
31	14.889	1941	1947	1952	rVB	141540	177207	3.32%	0.239%
32	14.960	1955	1959	1964	rBV3	8729	15528	0.29%	0.021%
33	15.036	1965	1972	1980	rVB2	2084648	3198417	60.01%	4.321%
34	15.213	1995	2002	2013	rVV	1093476	1697073	31.84%	2.293%

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 Title : SVOA CALIBRATION

35	15.325	2017	2021	2027	rVV4	17500	41080	0.77%	0.055%
36	15.395	2027	2033	2038	rVV4	37001	76127	1.43%	0.103%
37	15.442	2038	2041	2045	rVV	17984	24264	0.46%	0.033%
38	15.501	2046	2051	2059	rVV2	37102	63411	1.19%	0.086%
39	15.572	2059	2063	2068	rVB2	19141	25414	0.48%	0.034%
40	15.789	2095	2100	2103	rBV	66548	89849	1.69%	0.121%
41	15.831	2103	2107	2113	rVB	227909	272006	5.10%	0.367%
42	15.889	2113	2117	2121	rBV4	13284	22846	0.43%	0.031%
43	15.936	2121	2125	2132	rVB8	11777	22196	0.42%	0.030%
44	16.019	2132	2139	2146	rBV	3621613	5213822	97.82%	7.044%
45	16.131	2152	2158	2168	rBV	1056565	1443258	27.08%	1.950%
46	16.236	2168	2176	2185	rVV3	58169	187919	3.53%	0.254%
47	16.325	2188	2191	2197	rVB2	17066	24470	0.46%	0.033%
48	16.383	2197	2201	2209	rVB2	24332	40683	0.76%	0.055%
49	16.448	2209	2212	2220	rBV	26144	38927	0.73%	0.053%
50	16.642	2239	2245	2247	rBV4	20801	41208	0.77%	0.056%
51	16.683	2248	2252	2261	rVB	194078	309334	5.80%	0.418%
52	16.872	2281	2284	2293	rVB4	19693	30892	0.58%	0.042%
53	16.972	2296	2301	2306	rVV	64030	100399	1.88%	0.136%
54	17.025	2306	2310	2317	rVV5	21513	46257	0.87%	0.062%
55	17.083	2317	2320	2323	rVV2	19202	23642	0.44%	0.032%
56	17.119	2323	2326	2334	rVB3	42725	73059	1.37%	0.099%
57	17.189	2334	2338	2345	rBV2	24242	34623	0.65%	0.047%
58	17.254	2345	2349	2353	rBV3	16266	20915	0.39%	0.028%
59	17.472	2381	2386	2390	rBV	118597	143112	2.68%	0.193%
60	17.525	2391	2395	2406	rVB4	36819	89660	1.68%	0.121%
61	17.625	2410	2412	2418	rVB5	12477	15241	0.29%	0.021%
62	17.760	2429	2435	2446	rVV2	2225719	3366110	63.15%	4.547%
63	17.860	2446	2452	2462	rVB2	3542782	5267100	98.82%	7.116%
64	17.942	2463	2466	2473	rVB6	10816	20213	0.38%	0.027%
65	18.001	2473	2476	2484	rBV2	15235	27574	0.52%	0.037%
66	18.107	2487	2494	2504	rBV7	34174	91031	1.71%	0.123%
67	18.201	2506	2510	2515	rVB	68746	86888	1.63%	0.117%
68	18.377	2536	2540	2548	rVB	64234	81995	1.54%	0.111%
69	18.477	2554	2557	2559	rBV4	10724	15306	0.29%	0.021%
70	18.601	2572	2578	2588	rBV	1052359	1551028	29.10%	2.095%
71	18.883	2622	2626	2630	rBV	51045	64430	1.21%	0.087%

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72	18.924	2630	2633	2640	rVV3	24769	40192	0.75%	0.054%
73	19.013	2644	2648	2651	rVB2	27362	30845	0.58%	0.042%
74	19.360	2704	2707	2710	rVB	25900	26996	0.51%	0.036%
75	19.448	2717	2722	2728	rBV3	56364	124655	2.34%	0.168%
76	19.501	2728	2731	2732	rVV	51546	53709	1.01%	0.073%
77	19.524	2732	2735	2739	rVB2	135994	156549	2.94%	0.211%
78	19.654	2753	2757	2761	rVB2	45395	54771	1.03%	0.074%
79	19.713	2763	2767	2768	rBV2	65497	79504	1.49%	0.107%
80	19.748	2768	2773	2784	rVB2	89168	222912	4.18%	0.301%
81	19.848	2786	2790	2798	rBV	487280	719789	13.50%	0.972%
82	20.007	2814	2817	2822	rVB	42909	55069	1.03%	0.074%
83	20.066	2823	2827	2830	rVV2	47860	69872	1.31%	0.094%
84	20.119	2830	2836	2843	rVB	3830703	5330134	100.00%	7.201%
85	20.242	2854	2857	2861	rBV5	25906	42319	0.79%	0.057%
86	20.595	2913	2917	2921	rVB2	56710	72145	1.35%	0.097%
87	20.930	2971	2974	2977	rBV3	68472	89919	1.69%	0.121%
88	21.048	2991	2994	2996	rVB2	30106	28646	0.54%	0.039%
89	21.083	2997	3000	3003	rVB	51994	55781	1.05%	0.075%
90	21.542	3074	3078	3098	rVB	263479	547842	10.28%	0.740%
91	21.748	3109	3113	3118	rVB	172794	196515	3.69%	0.265%
92	21.883	3130	3136	3143	rBV	2199839	2962671	55.58%	4.002%
93	21.989	3151	3154	3159	rVB	51743	56020	1.05%	0.076%
94	22.754	3281	3284	3291	rVB	86674	116094	2.18%	0.157%
95	22.971	3317	3321	3327	rVB2	104757	146380	2.75%	0.198%
96	23.113	3342	3345	3352	rVB	100942	153088	2.87%	0.207%
97	23.530	3412	3416	3424	rBV3	103987	171904	3.23%	0.232%
98	24.212	3521	3532	3546	rVB2	2092418	4656406	87.36%	6.291%
99	24.365	3551	3558	3569	rVB2	1281592	2713347	50.91%	3.666%
100	24.889	3644	3647	3657	rVB	110101	221447	4.15%	0.299%

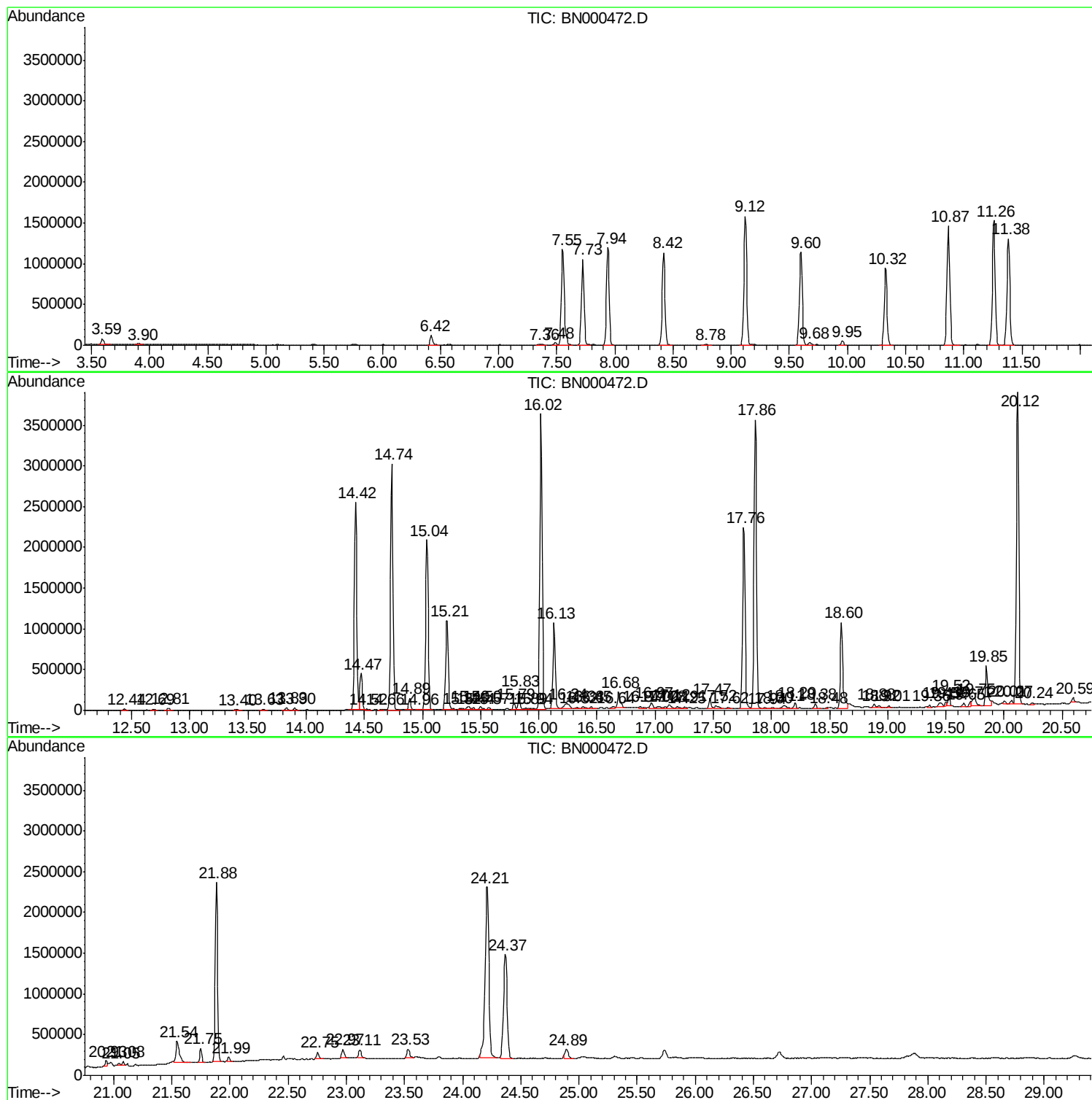
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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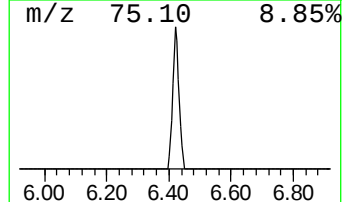
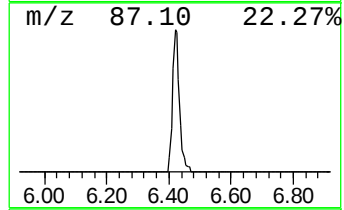
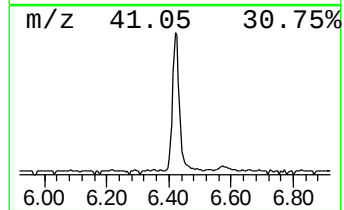
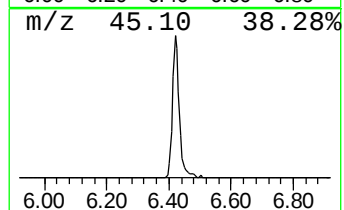
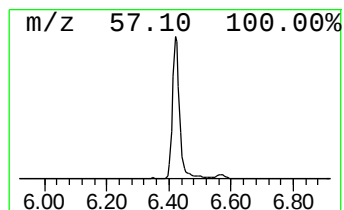
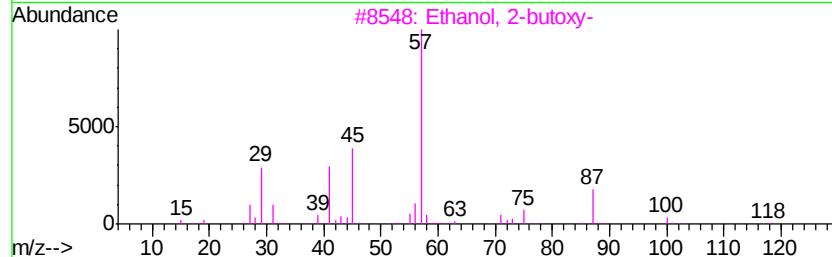
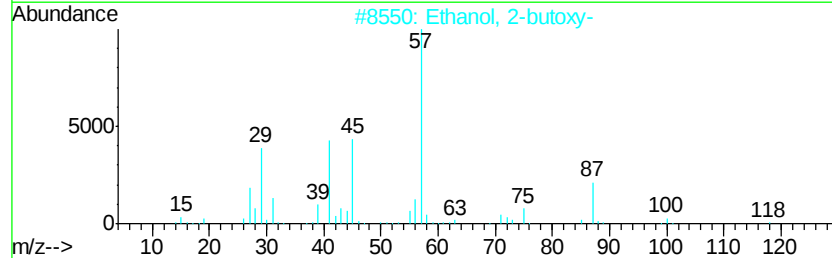
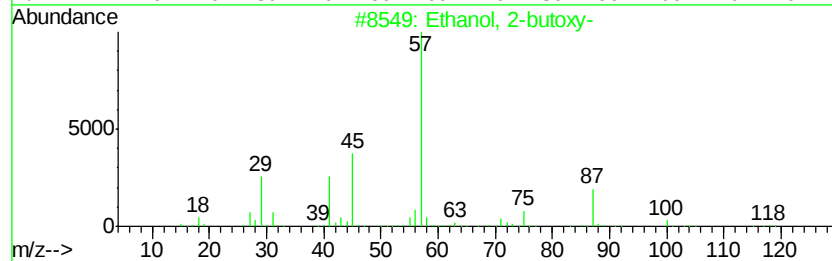
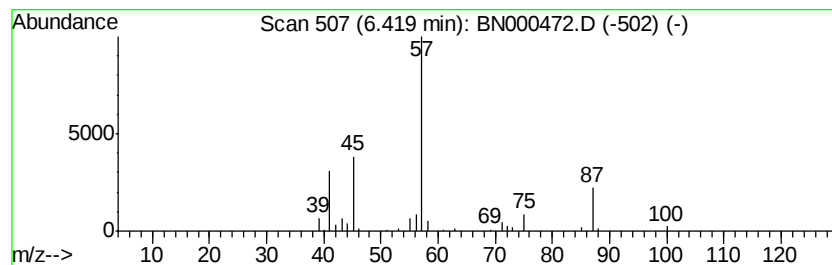
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.00 ng/ul	182962	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	90
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	25



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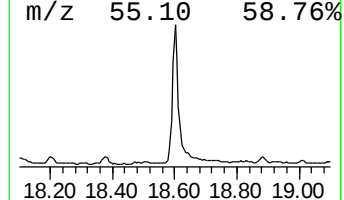
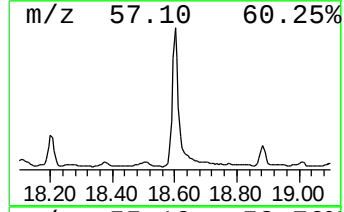
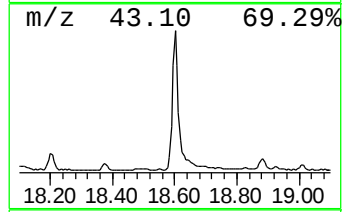
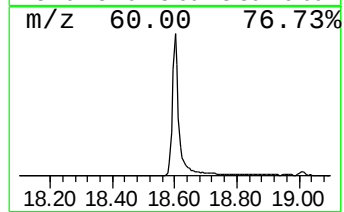
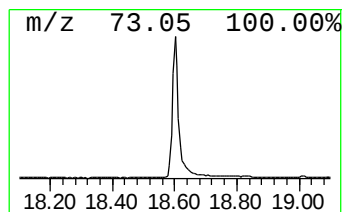
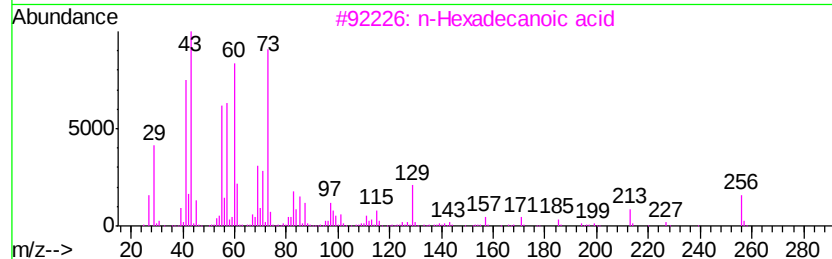
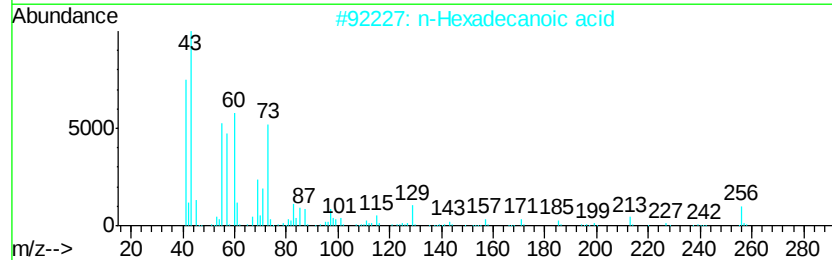
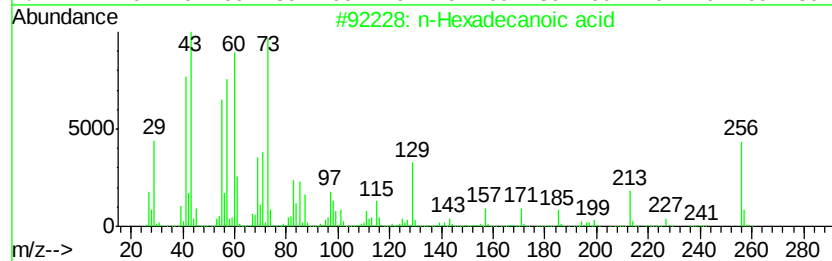
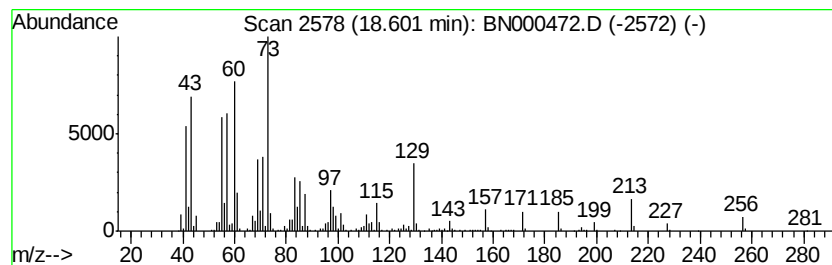
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	9.22 ng/ul	1551030	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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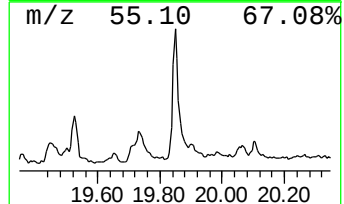
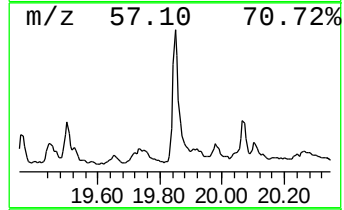
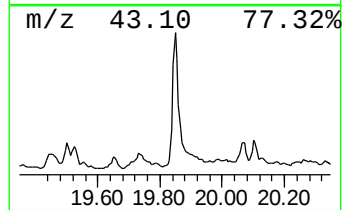
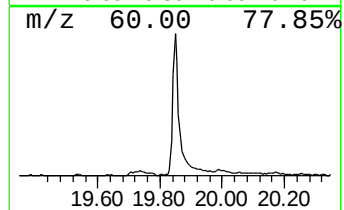
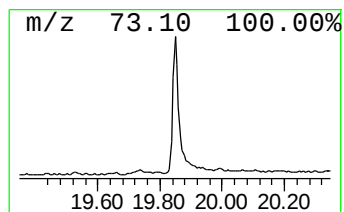
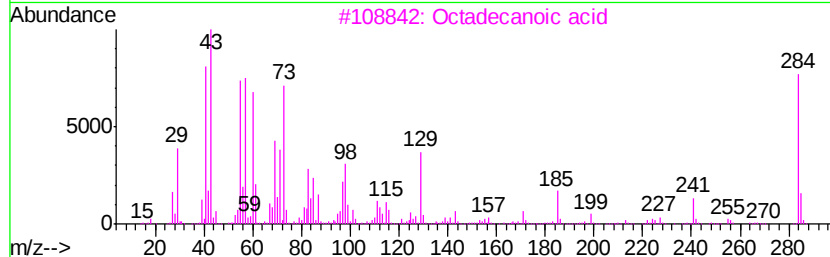
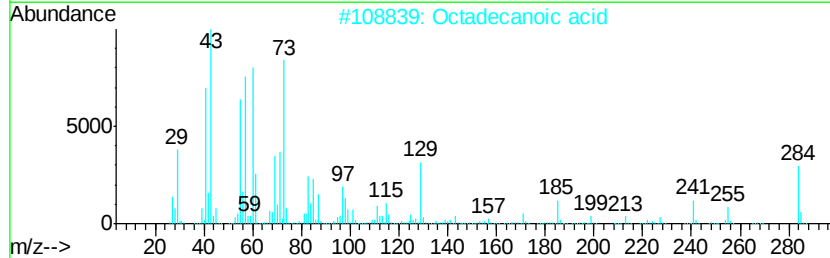
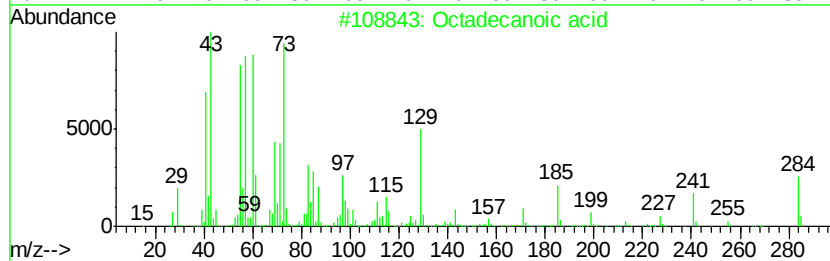
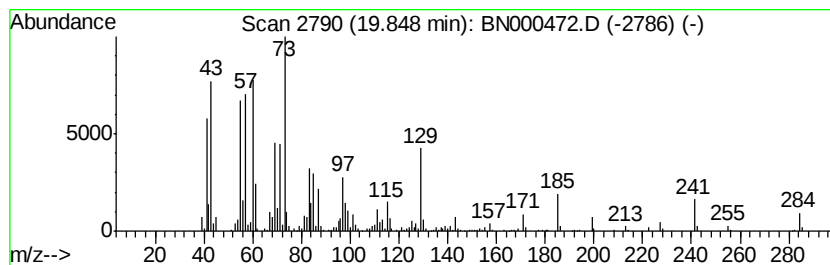
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	4.86 ng/ul	719789	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000472.D
Acq On : 20 Mar 2018 02:14
Operator : JU/SJ
Sample : J1933-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

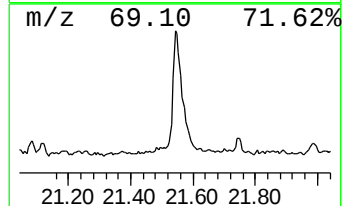
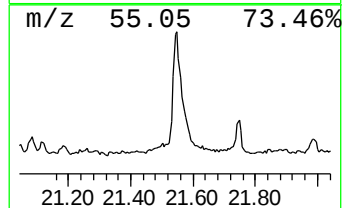
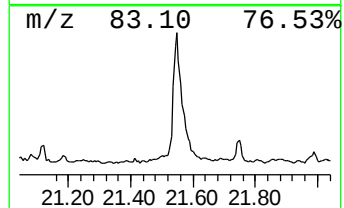
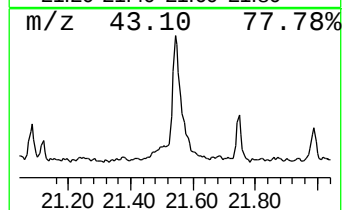
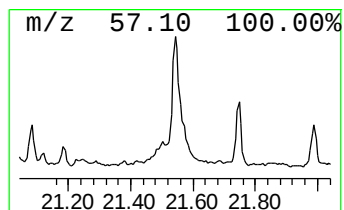
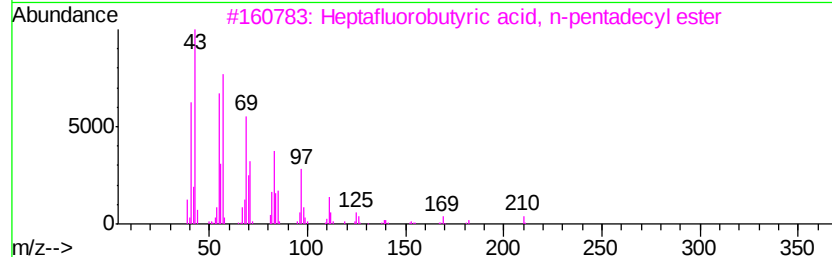
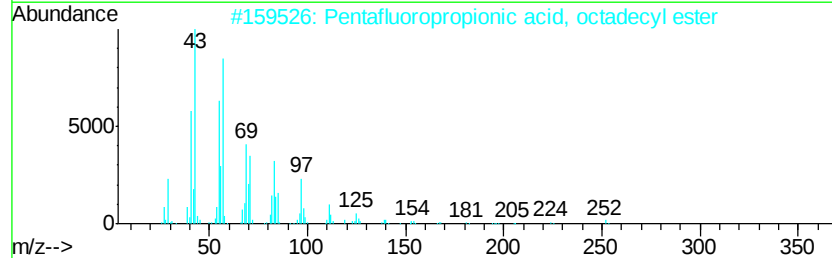
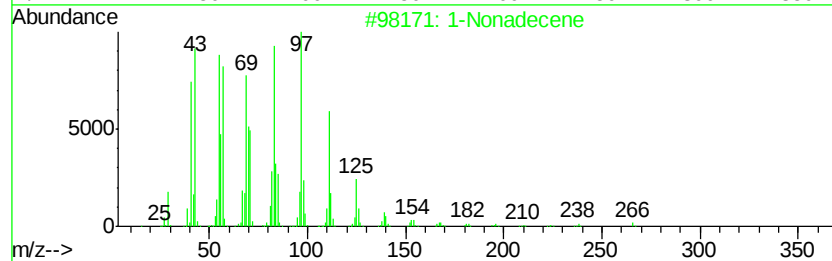
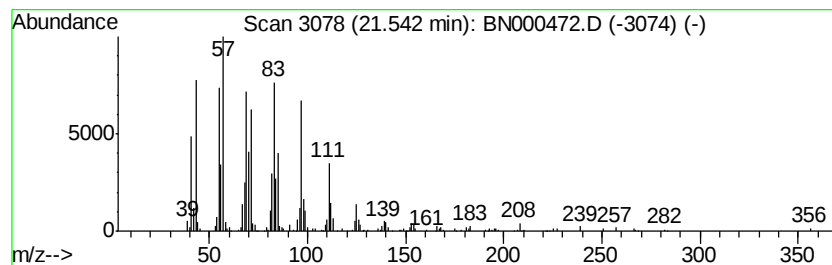
Instrument :
BNA_N
ClientSampleId :
BEED3

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 4 (DEL) Alkane: Cyclic21.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.70 ng/ul	547842	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	98
2	Pentafluoropropionic acid, octad...	416 C21H37F5O2	1000280-07-7	91
3	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	91
4	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	91
5	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	91



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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
Ethanol, 2-butoxy-	6.42	2.0	ng/ul	182962	1	8.42	1828780	20.0
n-Hexadecanoic acid	18.60	9.2	ng/ul	1551030	4	17.76	3366110	20.0
Octadecanoic acid	19.85	4.9	ng/ul	719789	5	21.88	2962670	20.0
(DEL) Alkane: Cyc...	21.54	3.7	ng/ul	547842	5	21.88	2962670	20.0