

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000480.D
 Acq On : 20 Mar 2018 06:50
 Operator : JU/SJ
 Sample : J1933-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEB9

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	22	26	36	rVB	90144	125892	2.21%	0.165%
2	3.902	76	79	86	rBV	11286	18010	0.32%	0.024%
3	5.408	330	335	341	rBV2	13251	21743	0.38%	0.028%
4	5.755	390	394	403	rBV3	8315	17742	0.31%	0.023%
5	6.420	499	507	524	rBV	185045	283583	4.97%	0.372%
6	6.578	524	534	540	rVB5	9372	24442	0.43%	0.032%
7	7.008	603	607	615	rVB4	7109	11770	0.21%	0.015%
8	7.367	660	668	676	rBV2	27881	53932	0.95%	0.071%
9	7.555	692	700	714	rBV2	1326710	2876849	50.41%	3.771%
10	7.725	722	729	741	rBV	1272175	2006310	35.16%	2.630%
11	7.819	741	745	748	rVB	6853	9381	0.16%	0.012%
12	7.937	758	765	774	rBV	1467536	2418811	42.38%	3.170%
13	8.419	840	847	863	rVB	1099415	1788576	31.34%	2.344%
14	8.649	878	886	893	rVB4	3937	9484	0.17%	0.012%
15	9.119	959	966	975	rBV	1507413	2488698	43.61%	3.262%
16	9.602	1039	1048	1056	rBV	1373798	2364139	41.43%	3.099%
17	9.678	1056	1061	1067	rVV	24061	43632	0.76%	0.057%
18	9.737	1067	1071	1075	rVB3	9881	14276	0.25%	0.019%
19	9.955	1102	1108	1114	rVB2	31434	42907	0.75%	0.056%
20	10.325	1163	1171	1184	rBV	1126226	1964897	34.43%	2.575%
21	10.519	1199	1204	1215	rVB4	7265	16111	0.28%	0.021%
22	10.866	1256	1263	1273	rBV	1715558	2933690	51.41%	3.845%
23	10.996	1280	1285	1287	rBV2	6550	10211	0.18%	0.013%
24	11.260	1322	1330	1343	rBV	1416529	2490691	43.64%	3.265%
25	11.384	1343	1351	1364	rBV	1672683	2861353	50.14%	3.751%
26	11.990	1449	1454	1460	rBV4	7077	14223	0.25%	0.019%
27	12.060	1462	1466	1469	rVV3	9575	11874	0.21%	0.016%
28	12.619	1555	1561	1568	rBV6	6947	15061	0.26%	0.020%
29	12.690	1568	1573	1580	rBV4	6695	12659	0.22%	0.017%
30	12.813	1589	1594	1601	rBV	32915	52214	0.91%	0.068%
31	13.390	1687	1692	1703	rVB5	7050	18684	0.33%	0.024%
32	13.549	1714	1719	1722	rBV	6659	8495	0.15%	0.011%
33	13.631	1728	1733	1737	rVB	11023	14811	0.26%	0.019%
34	13.831	1761	1767	1773	rBV	51238	68005	1.19%	0.089%

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35	13.954	1784	1788	1792	rVV4	5196	10160	0.18%	0.013%
36	14.343	1850	1854	1860	rBV4	6368	12417	0.22%	0.016%
37	14.425	1860	1868	1872	rVV	2793386	3902205	68.38%	5.115%
38	14.472	1872	1876	1881	rVV	728876	1003475	17.58%	1.315%
39	14.519	1881	1884	1892	rVB3	16925	24371	0.43%	0.032%
40	14.596	1892	1897	1901	rVB2	12298	15173	0.27%	0.020%
41	14.654	1901	1907	1908	rBV2	11325	16882	0.30%	0.022%
42	14.737	1914	1921	1934	rVB	3505180	5140999	90.08%	6.739%
43	14.890	1942	1947	1952	rVB	152669	190645	3.34%	0.250%
44	14.966	1955	1960	1965	rBV5	11068	23667	0.41%	0.031%
45	15.037	1965	1972	1980	rVB2	1865562	2849725	49.94%	3.735%
46	15.207	1995	2001	2016	rBV	1178699	1816798	31.84%	2.381%
47	15.325	2017	2021	2027	rBV2	13885	28577	0.50%	0.037%
48	15.384	2027	2031	2036	rVB3	17515	23785	0.42%	0.031%
49	15.437	2037	2040	2046	rVB2	14854	20796	0.36%	0.027%
50	15.501	2046	2051	2054	rBV	32704	47407	0.83%	0.062%
51	15.572	2059	2063	2068	rVB3	17888	25003	0.44%	0.033%
52	15.731	2084	2090	2093	rVB6	7392	14381	0.25%	0.019%
53	15.790	2095	2100	2102	rBV	25700	35964	0.63%	0.047%
54	15.831	2102	2107	2112	rVB	197422	247322	4.33%	0.324%
55	15.890	2113	2117	2120	rBV5	10228	15686	0.27%	0.021%
56	15.937	2122	2125	2132	rVB7	10345	18492	0.32%	0.024%
57	16.019	2132	2139	2146	rBV	4006567	5706854	100.00%	7.480%
58	16.131	2152	2158	2167	rBV	1113688	1533885	26.88%	2.011%
59	16.237	2168	2176	2177	rBV2	49642	94068	1.65%	0.123%
60	16.325	2188	2191	2197	rVB4	14830	20222	0.35%	0.027%
61	16.384	2197	2201	2209	rVB3	25073	40481	0.71%	0.053%
62	16.448	2209	2212	2221	rVB3	25302	34094	0.60%	0.045%
63	16.531	2221	2226	2231	rBV8	6988	15751	0.28%	0.021%
64	16.642	2239	2245	2247	rBV3	17026	30523	0.53%	0.040%
65	16.684	2247	2252	2263	rVB	172498	273027	4.78%	0.358%
66	16.872	2281	2284	2290	rVB2	17326	24090	0.42%	0.032%
67	16.966	2293	2300	2305	rVV	55821	89574	1.57%	0.117%
68	17.025	2306	2310	2316	rVV6	16646	36430	0.64%	0.048%
69	17.084	2318	2320	2323	rVV2	15087	17120	0.30%	0.022%
70	17.119	2323	2326	2334	rVB4	28593	50275	0.88%	0.066%
71	17.190	2334	2338	2345	rVB	20698	29916	0.52%	0.039%

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72	17.254	2345	2349	2351	rBV3	13303	18747	0.33%	0.025%
73	17.284	2351	2354	2360	rVV4	21384	34836	0.61%	0.046%
74	17.354	2363	2366	2370	rVB2	6651	9510	0.17%	0.012%
75	17.472	2381	2386	2390	rBV	86438	101684	1.78%	0.133%
76	17.525	2391	2395	2397	rBV2	17223	21700	0.38%	0.028%
77	17.760	2425	2435	2446	rBV2	1977942	2903951	50.89%	3.806%
78	17.860	2446	2452	2463	rVB2	3793190	5583663	97.84%	7.319%
79	18.013	2473	2478	2484	rBV5	8479	16292	0.29%	0.021%
80	18.084	2486	2490	2492	rBV2	15567	22442	0.39%	0.029%
81	18.201	2507	2510	2514	rVB	17767	19760	0.35%	0.026%
82	18.378	2537	2540	2546	rVB6	7486	12180	0.21%	0.016%
83	18.501	2559	2561	2568	rVB4	7326	9750	0.17%	0.013%
84	18.601	2572	2578	2598	rBV	722983	1200767	21.04%	1.574%
85	18.819	2613	2615	2622	rVB2	16661	23109	0.40%	0.030%
86	18.925	2629	2633	2636	rVB3	9609	10058	0.18%	0.013%
87	19.360	2704	2707	2711	rVB	21064	23904	0.42%	0.031%
88	19.442	2718	2721	2722	rBV2	9695	9904	0.17%	0.013%
89	19.754	2764	2774	2778	rBV	61459	122566	2.15%	0.161%
90	19.848	2786	2790	2809	rBV	306547	545710	9.56%	0.715%
91	20.007	2813	2817	2821	rVB	46821	70403	1.23%	0.092%
92	20.119	2829	2836	2847	rBV	4005037	5596096	98.06%	7.335%
93	21.548	3075	3079	3092	rVB2	146873	298871	5.24%	0.392%
94	21.883	3131	3136	3142	rVB2	1944233	2557183	44.81%	3.352%
95	22.972	3318	3321	3327	rVB2	83644	105537	1.85%	0.138%
96	23.530	3412	3416	3423	rBV2	127251	204811	3.59%	0.268%
97	24.213	3520	3532	3541	rVB2	2369677	5141028	90.09%	6.739%
98	24.366	3551	3558	3568	rVB2	1197563	2485273	43.55%	3.258%
99	24.889	3644	3647	3657	rVB	144434	266282	4.67%	0.349%
100	25.736	3786	3791	3799	rVB	125482	282963	4.96%	0.371%

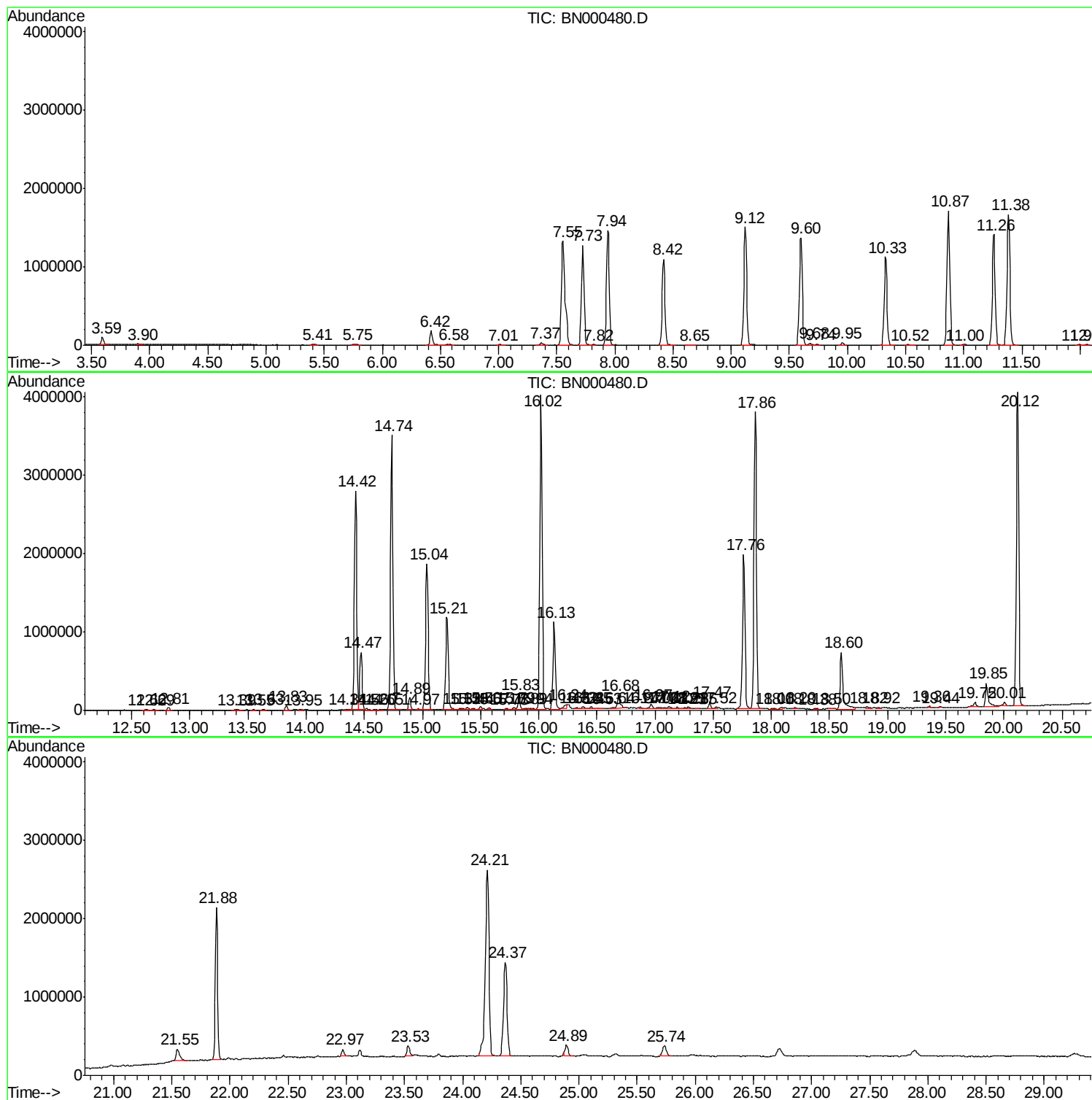
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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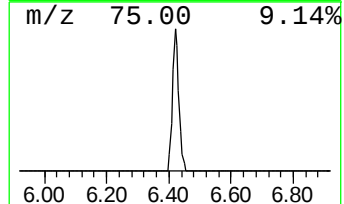
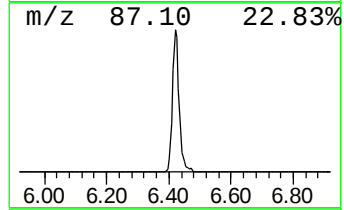
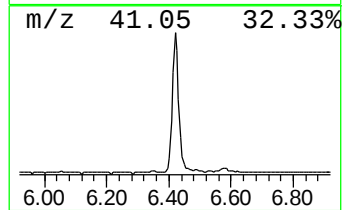
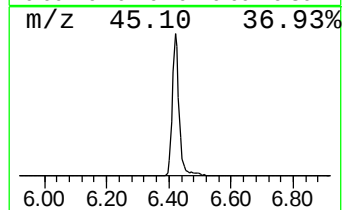
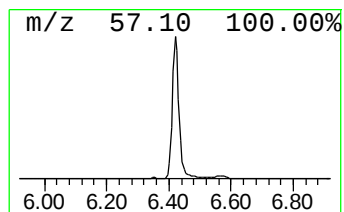
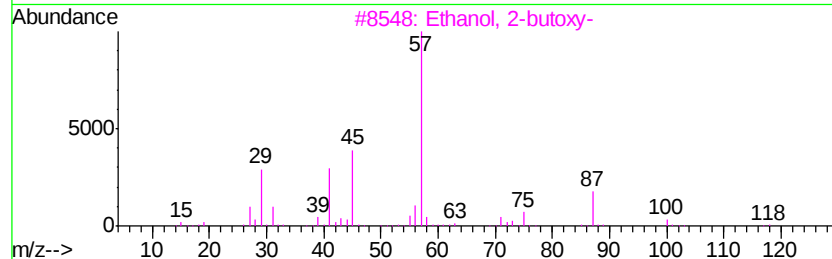
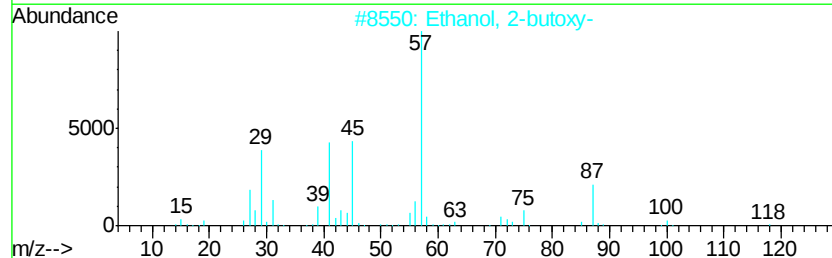
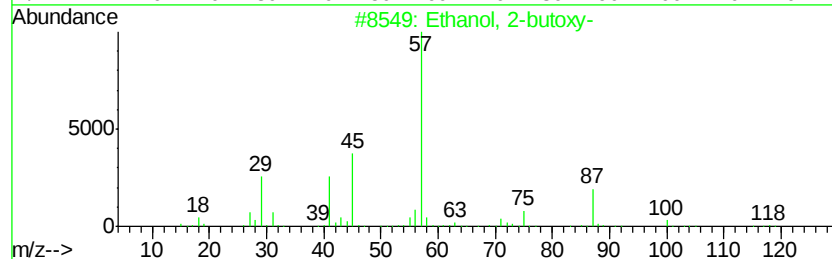
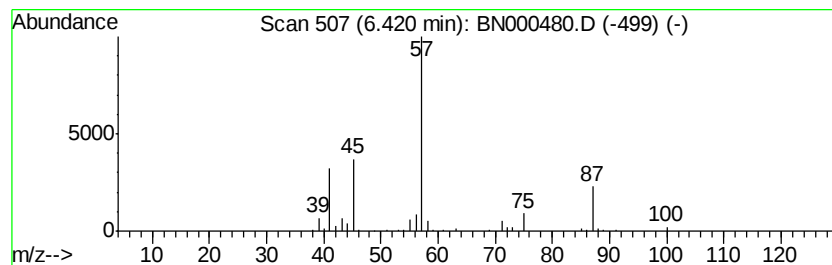
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.42	3.17 ng/ul	283583	1,4-Dichlorobenzene-d4	8.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	83
2	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	72
3	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	64
4	Ethylene glycol monoisobutyl ether		118	C6H14O2	004439-24-1	47
5	n-Butyl ether		130	C8H18O	000142-96-1	43



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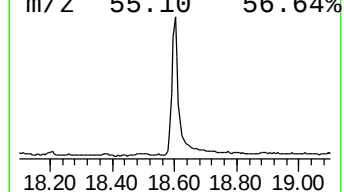
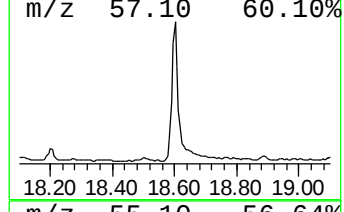
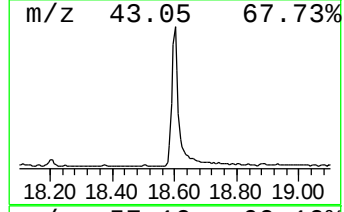
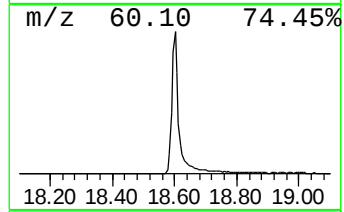
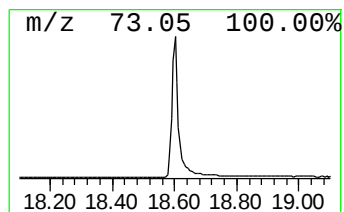
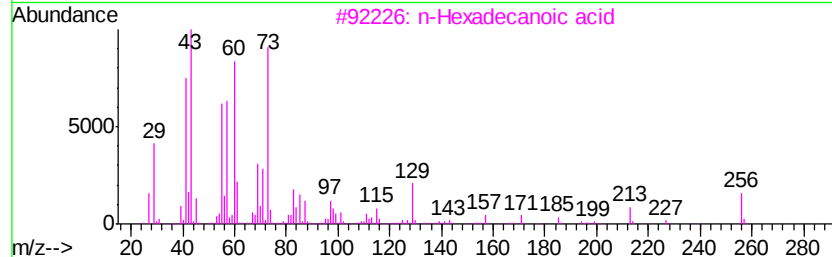
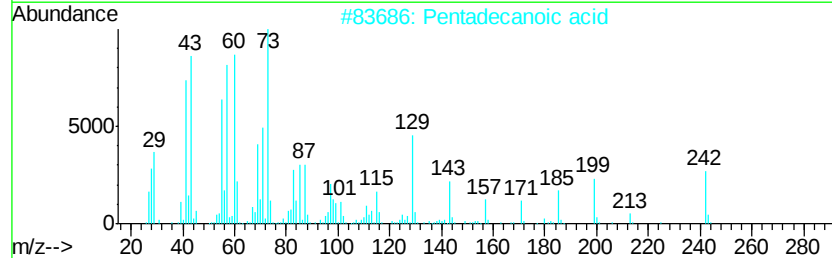
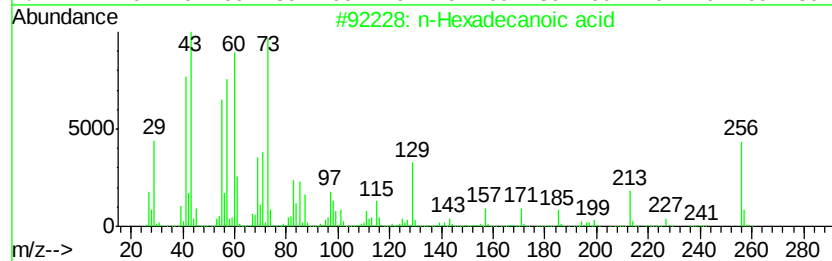
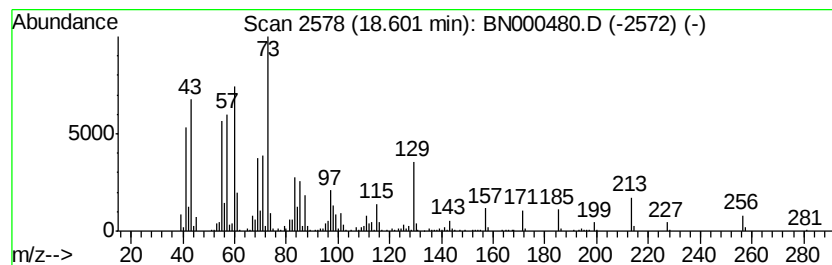
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	8.27 ng/ul	1200770	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Dodecane	170	C12H26	000112-40-3	11
5		Hexadecane	226	C16H34	000544-76-3	11



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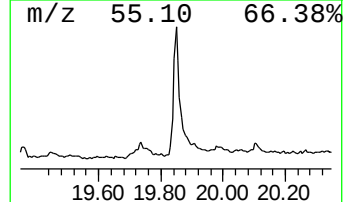
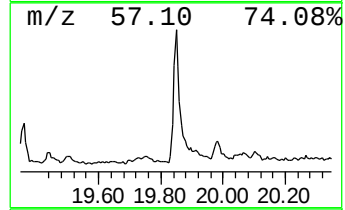
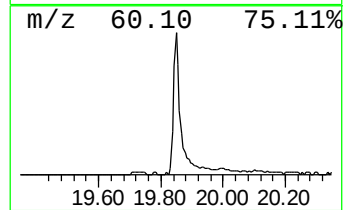
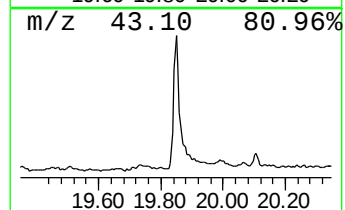
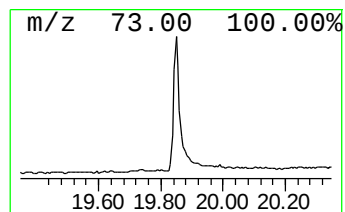
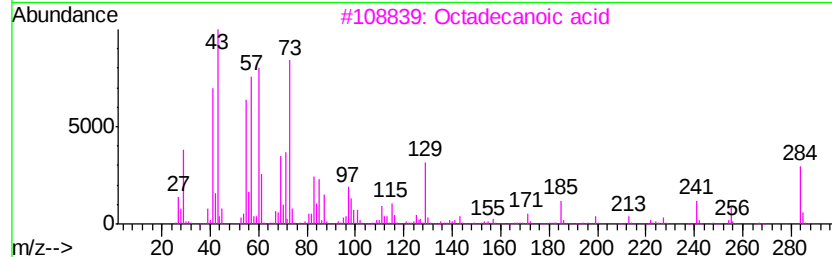
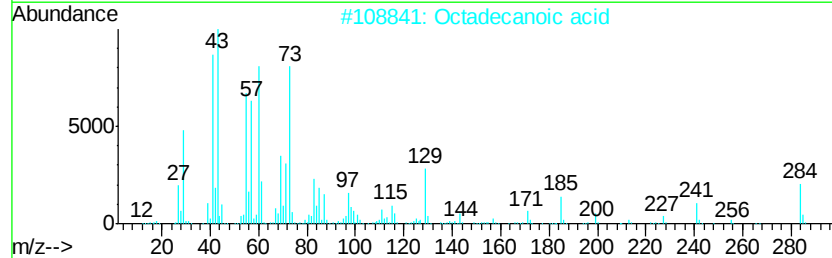
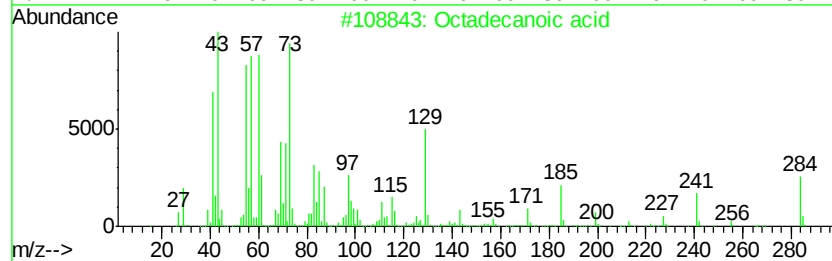
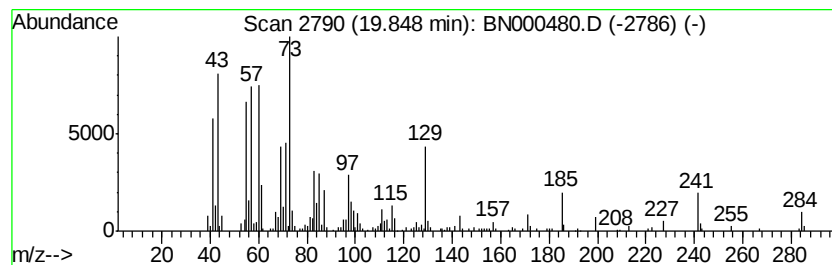
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	4.27 ng/ul	545710	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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000480.D
Acq On : 20 Mar 2018 06:50
Operator : JU/SJ
Sample : J1933-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEB9

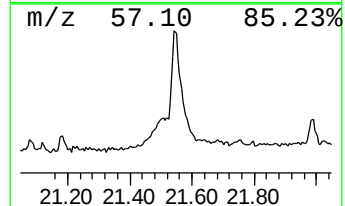
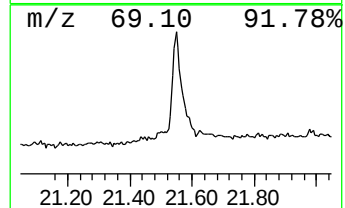
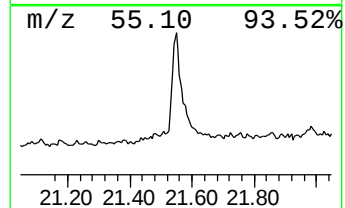
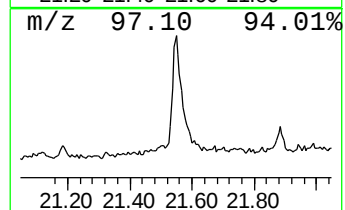
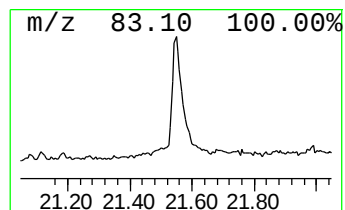
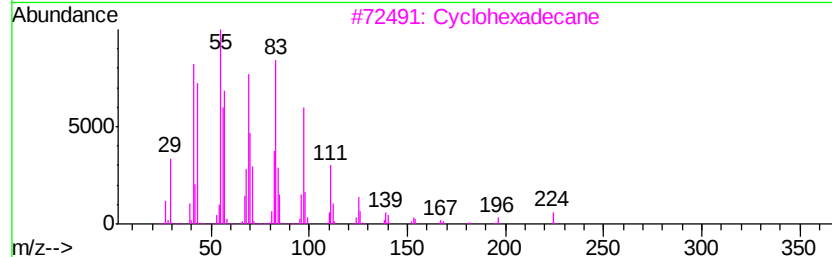
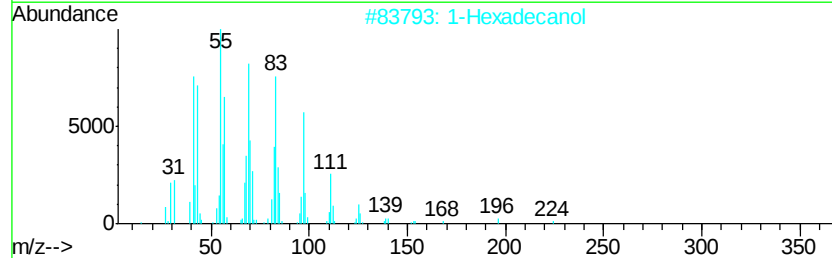
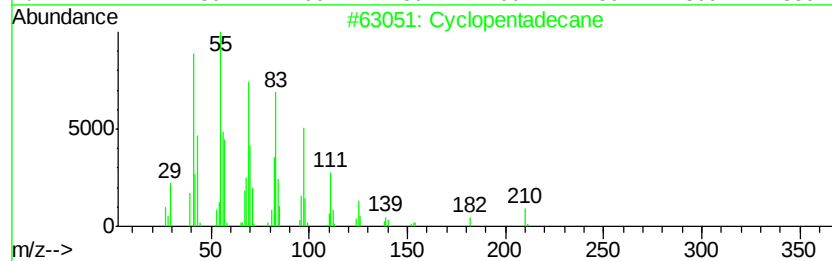
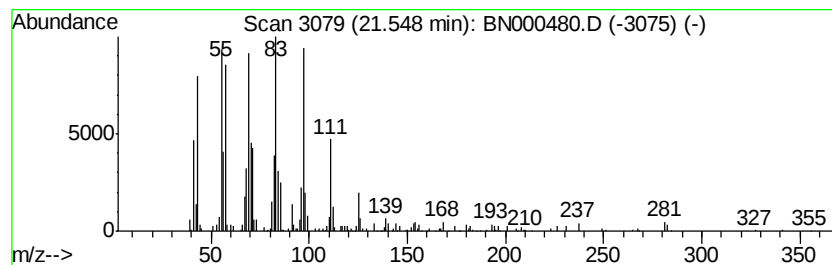
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.34 ng/ul	298871	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Cyclohexadecane	224	C16H32	000295-65-8	91
4		1-Octadecanol	270	C18H38O	000112-92-5	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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Sample : J1933-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEB9

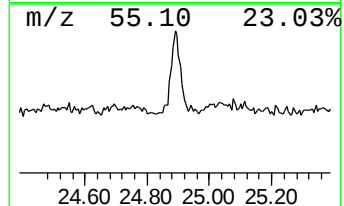
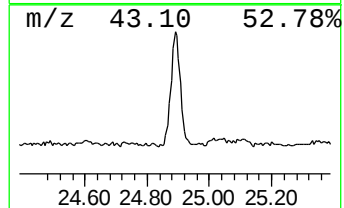
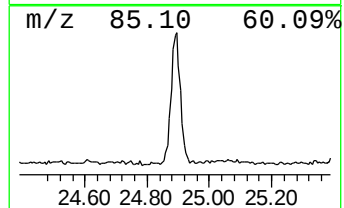
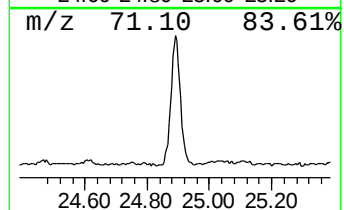
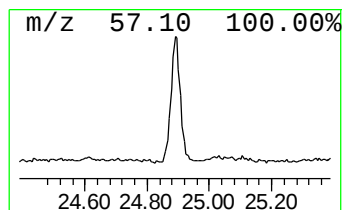
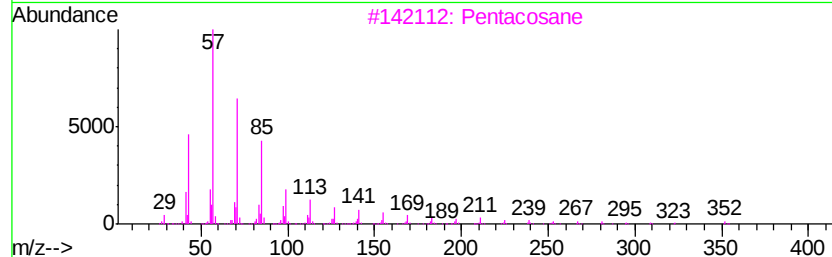
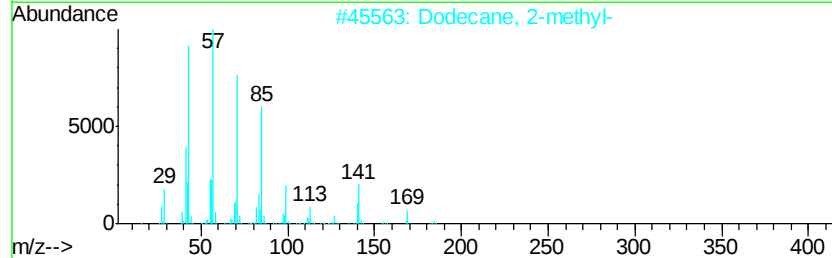
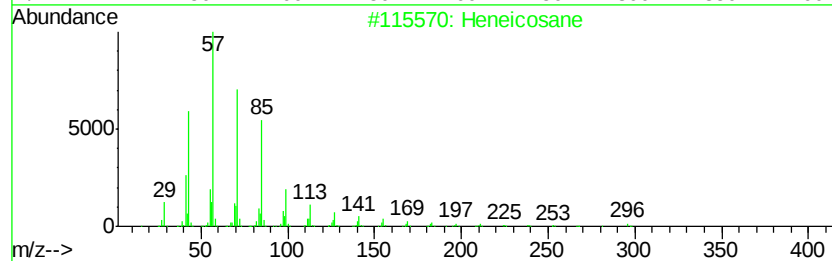
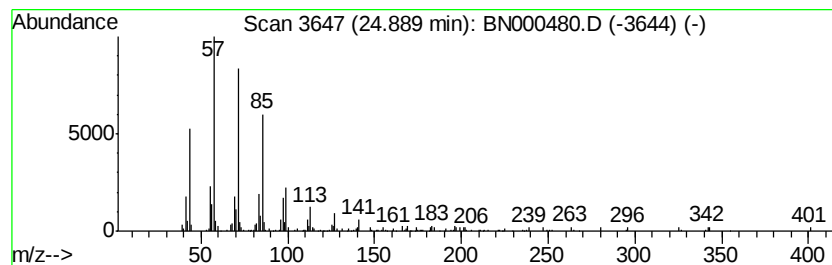
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.14 ng/ul	266282	Perylene-d12	24.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	93
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEB9

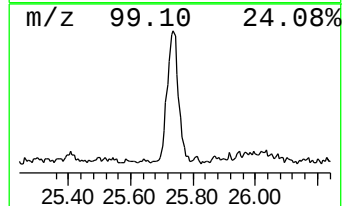
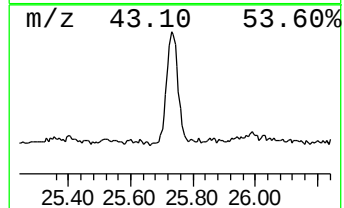
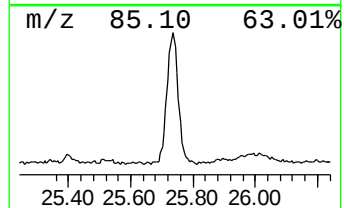
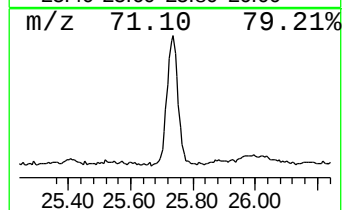
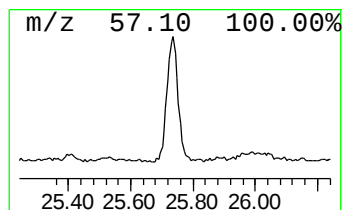
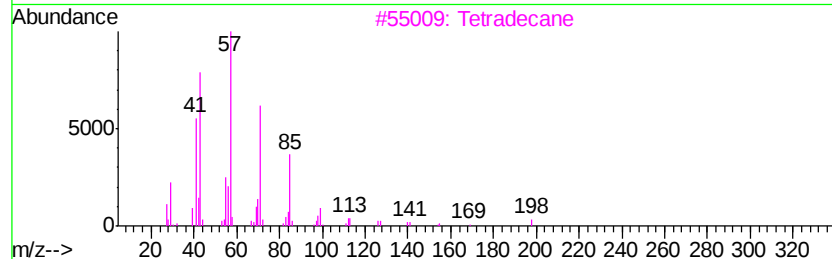
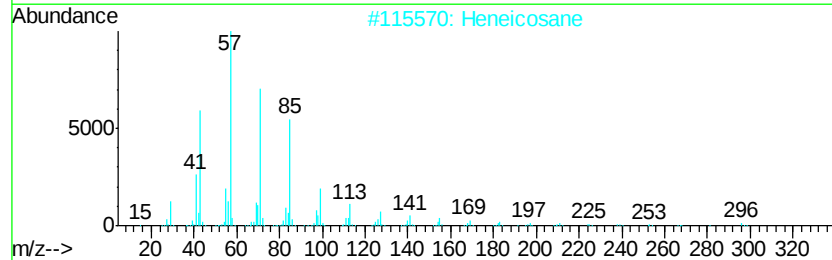
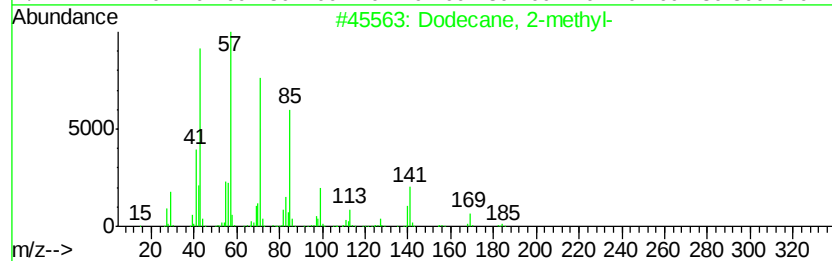
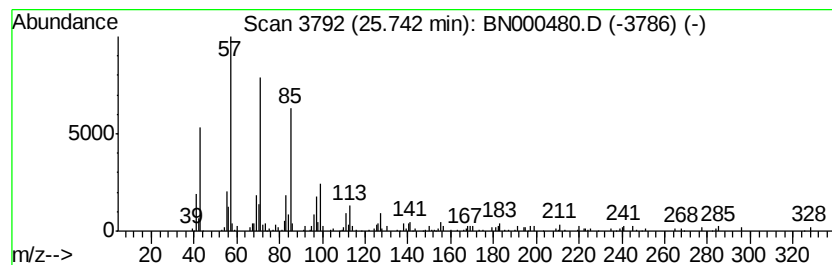
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.28 ng/ul	282963	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetradecane	198	C14H30	000629-59-4	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Tetradecane	198	C14H30	000629-59-4	83



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Sample : J1933-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEB9

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	3.2	ng/ul	283583	1	8.42	1788580	20.0
n-Hexadecanoic acid	18.60	8.3	ng/ul	1200770	4	17.76	2903950	20.0
Octadecanoic acid	19.85	4.3	ng/ul	545710	5	21.88	2557180	20.0
(DEL) Alkane: Cyc...	21.55	2.3	ng/ul	298871	5	21.88	2557180	20.0
(DEL) Alkane: Str...	24.89	2.1	ng/ul	266282	6	24.37	2485270	20.0
(DEL) Alkane: Str...	25.74	2.3	ng/ul	282963	6	24.37	2485270	20.0