

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000475.D
 Acq On : 20 Mar 2018 03:58
 Operator : JU/SJ
 Sample : J1933-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC1

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	34	rVB	75107	102735	1.88%	0.138%
2	4.278	139	143	145	rBV4	4582	7900	0.14%	0.011%
3	4.420	162	167	176	rVB	16869	24306	0.45%	0.033%
4	4.655	202	207	214	rVB4	5257	8959	0.16%	0.012%
5	5.408	330	335	341	rBV	25773	39870	0.73%	0.054%
6	6.419	499	507	518	rBV	129130	195760	3.59%	0.263%
7	6.572	525	533	542	rVB5	8366	19433	0.36%	0.026%
8	7.361	659	667	674	rBV4	6954	19080	0.35%	0.026%
9	7.549	692	699	710	rBV	1244627	2224225	40.77%	2.989%
10	7.725	721	729	738	rBV	1101608	1739680	31.89%	2.338%
11	7.825	739	746	750	rVV4	5282	10966	0.20%	0.015%
12	7.937	758	765	774	rBV	1279281	2092533	38.35%	2.812%
13	8.419	839	847	858	rBV	1090110	1768307	32.41%	2.377%
14	9.119	958	966	976	rBV	1555421	2591461	47.50%	3.483%
15	9.184	976	977	984	rVB3	5707	9016	0.17%	0.012%
16	9.596	1040	1047	1056	rBV	1178602	2045736	37.50%	2.749%
17	9.672	1056	1060	1067	rVV5	18569	39320	0.72%	0.053%
18	9.737	1067	1071	1077	rVB3	6409	10344	0.19%	0.014%
19	9.955	1102	1108	1115	rBV	34503	49452	0.91%	0.066%
20	10.325	1163	1171	1182	rBV	969717	1698362	31.13%	2.283%
21	10.866	1256	1263	1279	rBV	1561428	2636626	48.33%	3.544%
22	11.260	1321	1330	1341	rVB	1517358	2653078	48.63%	3.566%
23	11.384	1341	1351	1361	rBV	1533799	2626081	48.13%	3.529%
24	12.631	1555	1563	1567	rVB4	5574	11283	0.21%	0.015%
25	12.690	1567	1573	1576	rBV	11452	17909	0.33%	0.024%
26	12.737	1576	1581	1587	rVV	26547	41002	0.75%	0.055%
27	12.813	1590	1594	1600	rVB2	28317	41033	0.75%	0.055%
28	13.631	1729	1733	1742	rVB2	9495	16669	0.31%	0.022%
29	13.831	1760	1767	1773	rBV	51396	71267	1.31%	0.096%
30	13.901	1773	1779	1786	rBV3	11239	20223	0.37%	0.027%
31	14.348	1850	1855	1859	rBV3	7991	14065	0.26%	0.019%
32	14.425	1859	1868	1872	rVV	2599836	3617678	66.31%	4.862%
33	14.472	1872	1876	1881	rVV	527445	744510	13.65%	1.001%
34	14.519	1881	1884	1891	rVB2	18731	29844	0.55%	0.040%

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35	14.595	1893	1897	1902	rVB	14715	18446	0.34%	0.025%
36	14.660	1902	1908	1909	rBV3	7042	12559	0.23%	0.017%
37	14.684	1909	1912	1914	rVV3	6859	9848	0.18%	0.013%
38	14.737	1914	1921	1932	rVB	3111711	4673377	85.66%	6.281%
39	14.890	1942	1947	1952	rBV	187049	231909	4.25%	0.312%
40	14.966	1955	1960	1965	rBV3	14322	25515	0.47%	0.034%
41	15.037	1965	1972	1980	rVV2	2162372	3320917	60.87%	4.463%
42	15.207	1995	2001	2014	rBV	1101788	1661842	30.46%	2.233%
43	15.325	2018	2021	2028	rVV4	19554	40495	0.74%	0.054%
44	15.384	2028	2031	2037	rVV3	24520	36809	0.67%	0.049%
45	15.442	2037	2041	2045	rVB2	18604	24478	0.45%	0.033%
46	15.501	2046	2051	2059	rBV3	37682	65603	1.20%	0.088%
47	15.572	2059	2063	2067	rVB3	21235	27316	0.50%	0.037%
48	15.731	2086	2090	2094	rVB3	7834	12094	0.22%	0.016%
49	15.784	2095	2099	2103	rBV	33942	47479	0.87%	0.064%
50	15.831	2103	2107	2112	rVB	242189	291771	5.35%	0.392%
51	15.890	2112	2117	2121	rBV2	15036	24536	0.45%	0.033%
52	15.937	2121	2125	2132	rVB7	11672	25882	0.47%	0.035%
53	16.019	2132	2139	2145	rBV	3660725	5326459	97.63%	7.159%
54	16.066	2145	2147	2152	rVB4	8354	10602	0.19%	0.014%
55	16.131	2152	2158	2167	rBV	1082645	1482956	27.18%	1.993%
56	16.237	2168	2176	2177	rBV2	54205	107531	1.97%	0.145%
57	16.325	2188	2191	2196	rVB3	19628	24896	0.46%	0.033%
58	16.378	2196	2200	2209	rVV4	23891	42442	0.78%	0.057%
59	16.448	2209	2212	2220	rVB2	30465	41037	0.75%	0.055%
60	16.642	2241	2245	2247	rBV3	14975	19944	0.37%	0.027%
61	16.684	2247	2252	2262	rVB	200729	308277	5.65%	0.414%
62	16.872	2282	2284	2293	rVB2	14345	22163	0.41%	0.030%
63	16.966	2294	2300	2306	rVV	51857	79408	1.46%	0.107%
64	17.025	2306	2310	2317	rVV5	17491	37212	0.68%	0.050%
65	17.084	2317	2320	2323	rVV3	17670	19717	0.36%	0.026%
66	17.119	2323	2326	2334	rVB2	27287	47641	0.87%	0.064%
67	17.189	2334	2338	2344	rVB2	20406	30833	0.57%	0.041%
68	17.254	2346	2349	2352	rBV3	10930	13433	0.25%	0.018%
69	17.472	2381	2386	2390	rBV	96896	119966	2.20%	0.161%
70	17.519	2391	2394	2397	rBV2	18945	24473	0.45%	0.033%
71	17.760	2428	2435	2445	rVB2	2412752	3535322	64.80%	4.751%

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72	17.860	2445	2452	2463	rVB2	3672672	5335076	97.79%	7.170%
73	17.936	2463	2465	2473	rVB4	7718	12472	0.23%	0.017%
74	18.001	2474	2476	2480	rBV4	6371	9682	0.18%	0.013%
75	18.201	2506	2510	2516	rVB	36704	45072	0.83%	0.061%
76	18.378	2537	2540	2544	rVB2	9398	10868	0.20%	0.015%
77	18.472	2553	2556	2565	rBV9	11588	27614	0.51%	0.037%
78	18.542	2565	2568	2572	rBV3	8223	12201	0.22%	0.016%
79	18.601	2572	2578	2598	rBV	666049	1091107	20.00%	1.466%
80	18.883	2622	2626	2629	rBV2	20758	30335	0.56%	0.041%
81	18.919	2629	2632	2637	rVB	12908	16385	0.30%	0.022%
82	19.360	2704	2707	2710	rVB	16466	15381	0.28%	0.021%
83	19.448	2719	2722	2723	rBV2	8786	9156	0.17%	0.012%
84	19.748	2763	2773	2778	rBV2	61740	158388	2.90%	0.213%
85	19.848	2786	2790	2804	rBV	109005	206511	3.79%	0.278%
86	20.007	2813	2817	2820	rVB	43632	56914	1.04%	0.076%
87	20.119	2829	2836	2845	rVB	3813322	5455898	100.00%	7.332%
88	20.960	2976	2979	2980	rBV3	29150	33864	0.62%	0.046%
89	20.977	2980	2982	2987	rVB3	47661	46681	0.86%	0.063%
90	21.077	2997	2999	3003	rBV2	25850	28665	0.53%	0.039%
91	21.119	3003	3006	3010	rVB2	28853	33744	0.62%	0.045%
92	21.542	3074	3078	3094	rVB	706139	1227078	22.49%	1.649%
93	21.883	3130	3136	3142	rBV	2344265	3067271	56.22%	4.122%
94	22.971	3317	3321	3325	rVB2	93566	136346	2.50%	0.183%
95	23.113	3341	3345	3352	rVB	221944	320781	5.88%	0.431%
96	23.530	3412	3416	3425	rVB2	147497	223842	4.10%	0.301%
97	24.213	3519	3532	3548	rVB2	1970497	4432456	81.24%	5.957%
98	24.366	3551	3558	3566	rVB	1273949	2625518	48.12%	3.529%
99	24.889	3642	3647	3657	rVB	159370	344391	6.31%	0.463%
100	25.730	3786	3790	3798	rVB	142098	309663	5.68%	0.416%

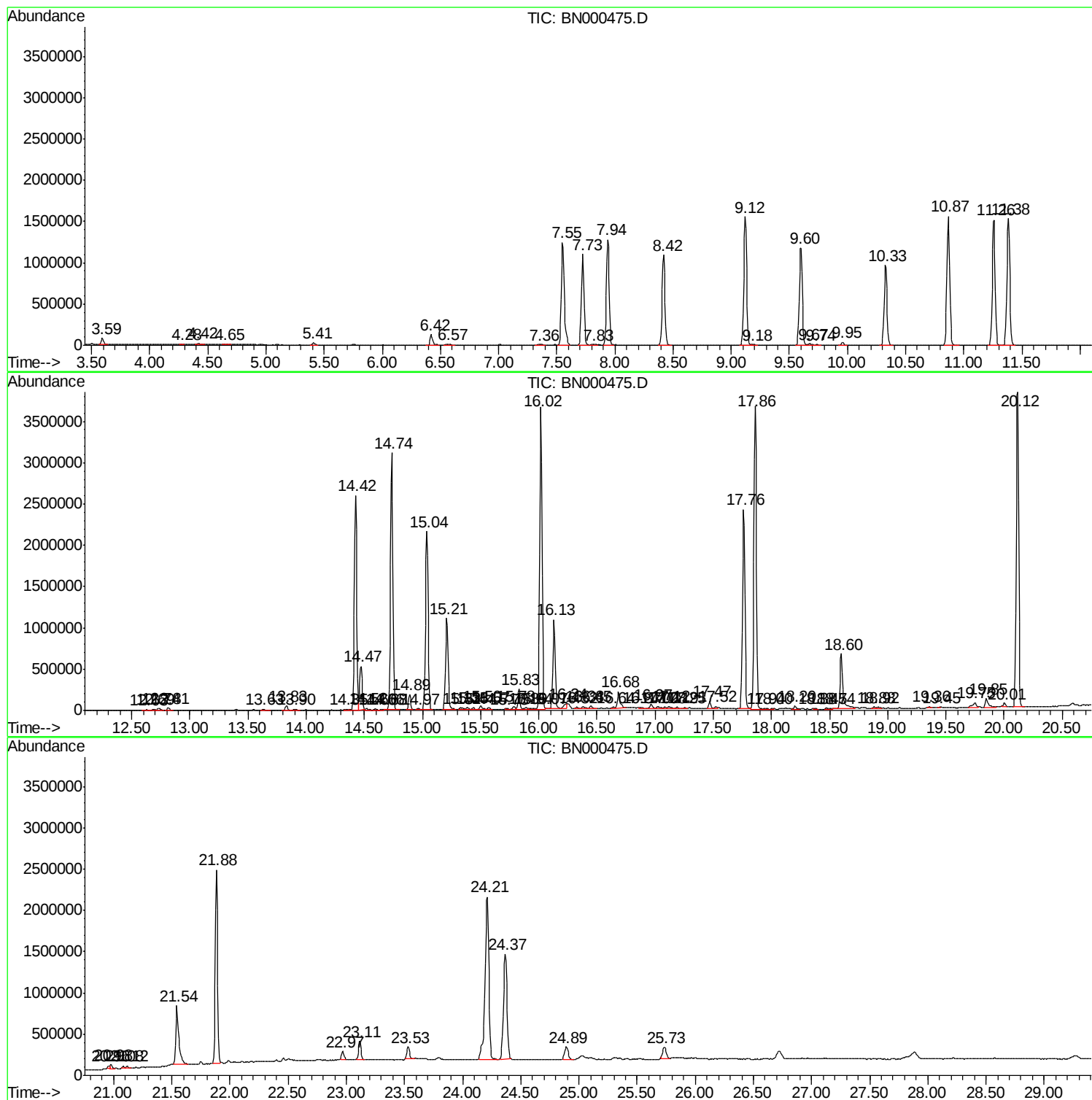
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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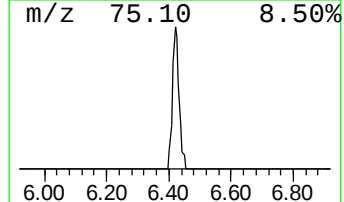
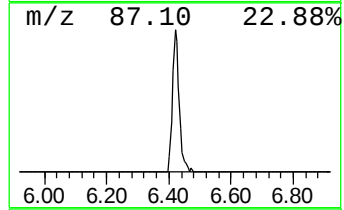
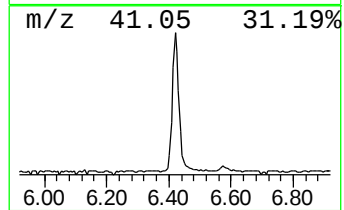
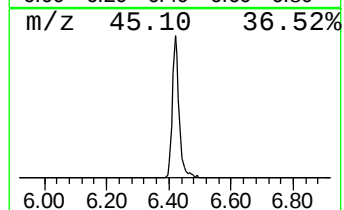
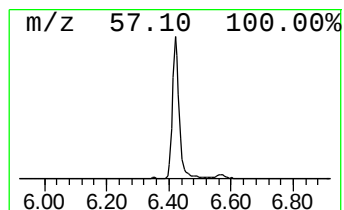
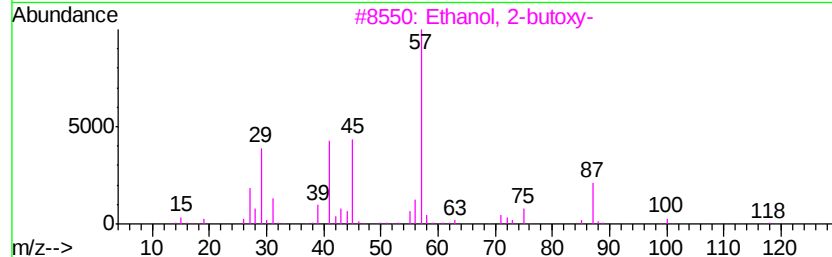
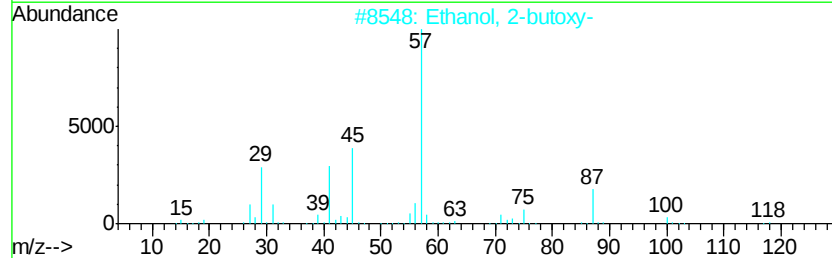
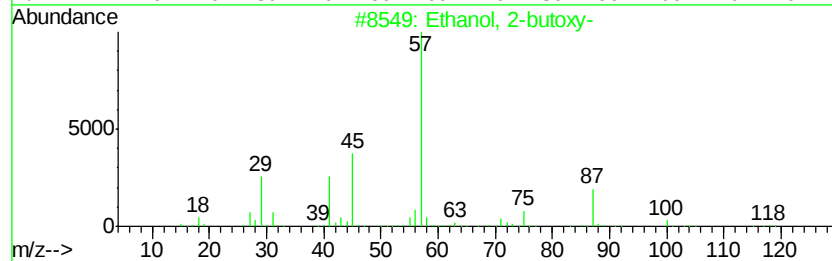
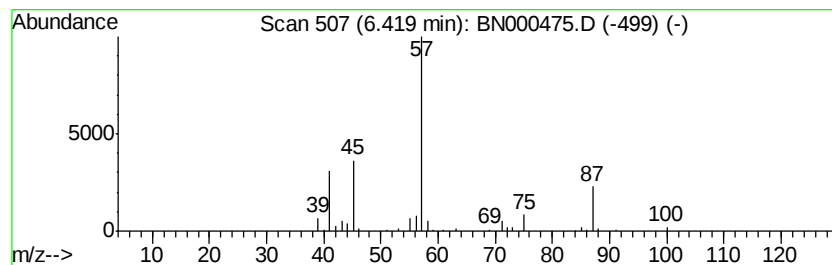
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.21 ng/ul	195760	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
3		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
4		Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	43
5		n-Butyl ether	130	C8H18O	000142-96-1	38



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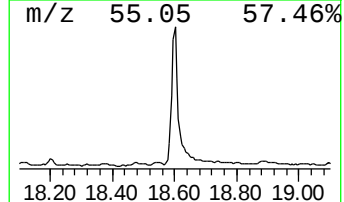
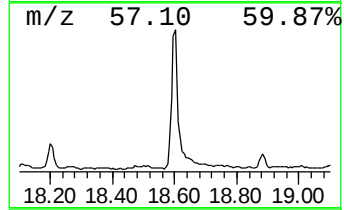
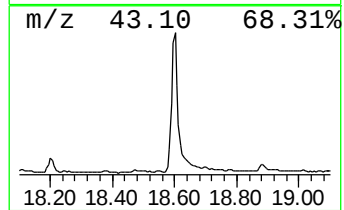
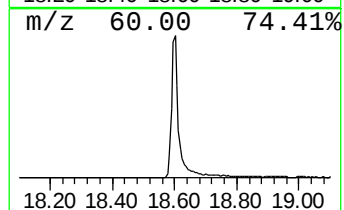
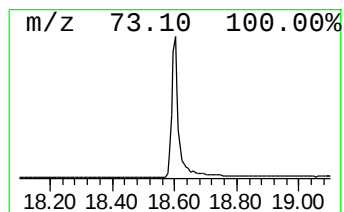
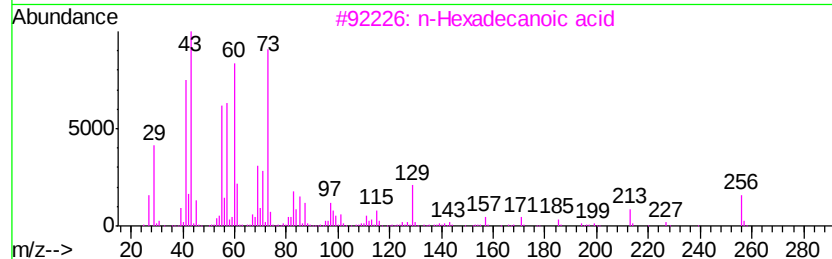
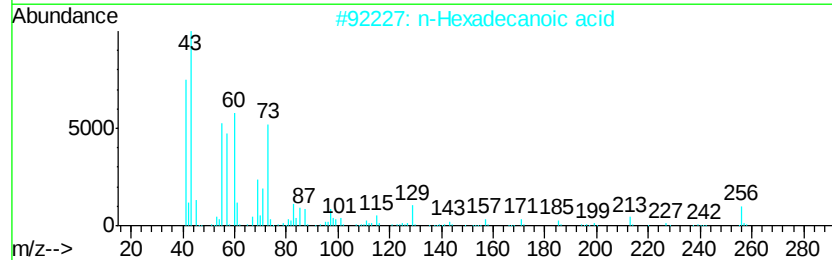
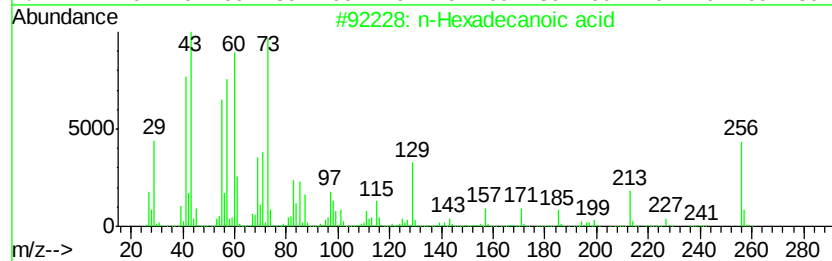
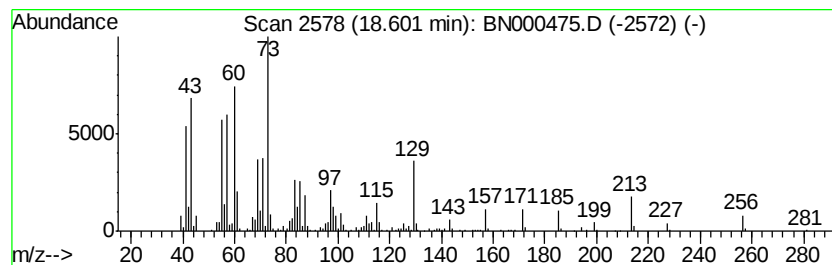
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	6.17 ng/ul	1091110	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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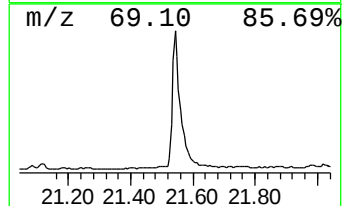
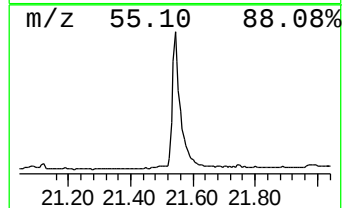
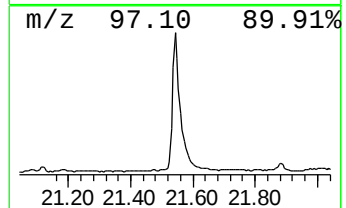
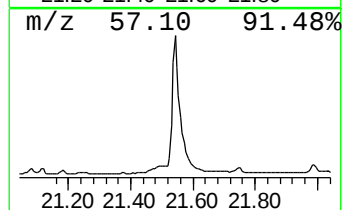
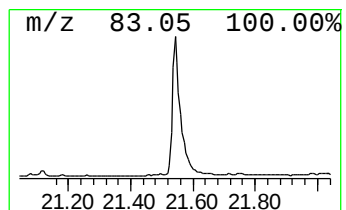
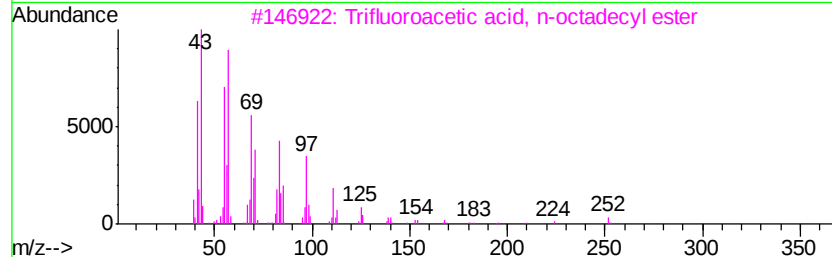
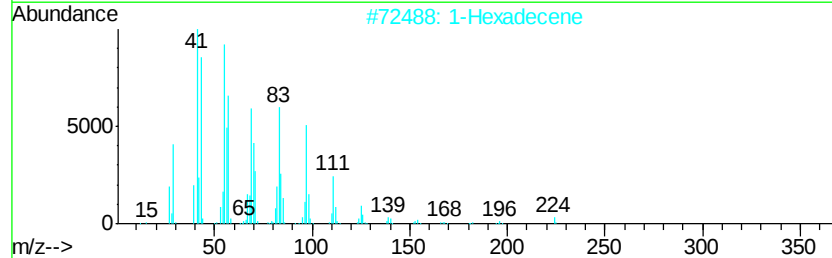
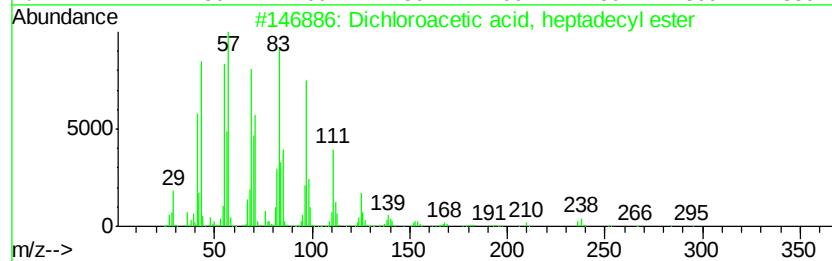
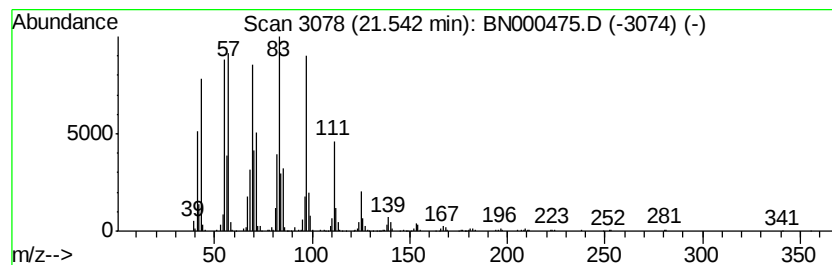
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	8.00 ng/ul	1227080	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		1-Hexadecene	224	C16H32	000629-73-2	92
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



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Data File : BN000475.D
Acq On : 20 Mar 2018 03:58
Operator : JU/SJ
Sample : J1933-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC1

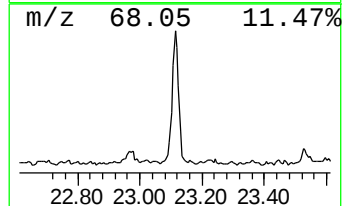
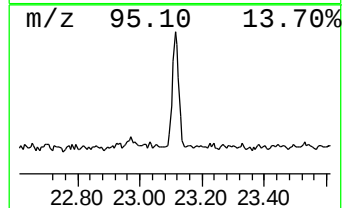
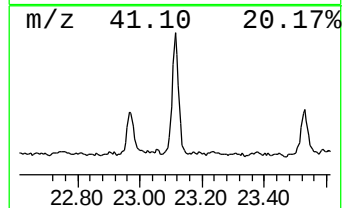
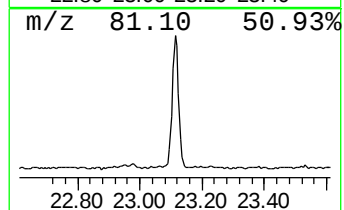
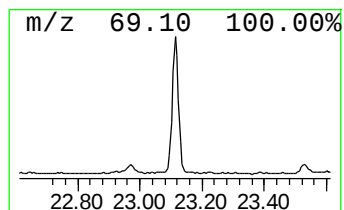
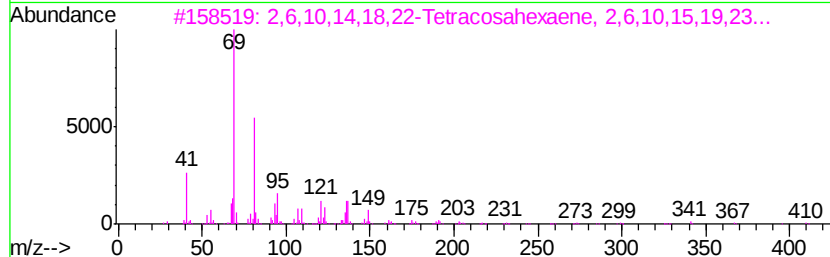
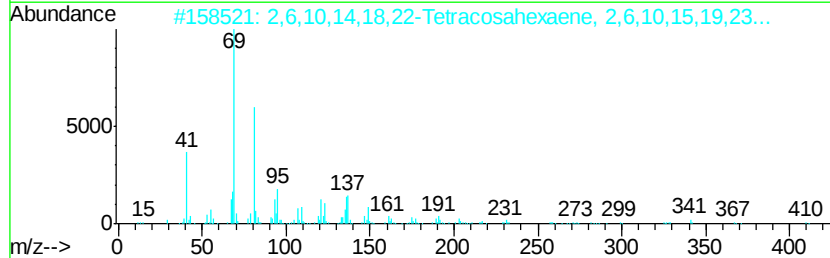
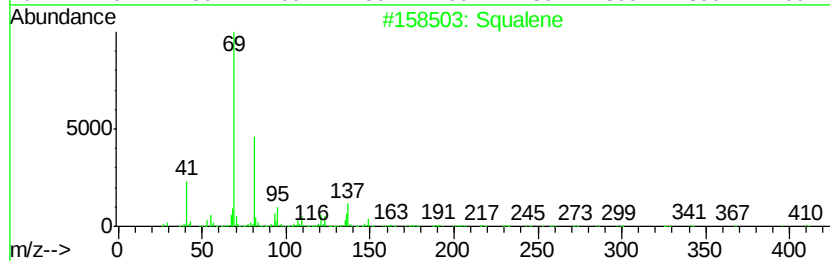
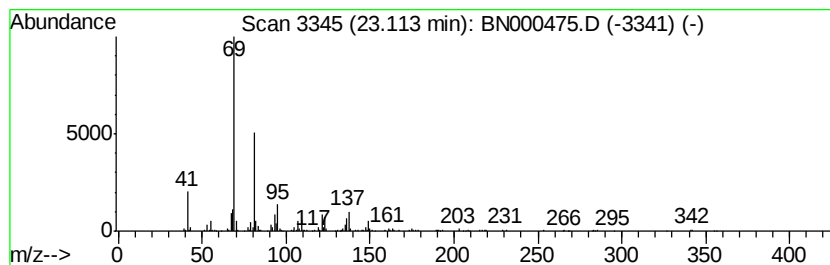
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	2.09 ng/ul	320781	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	86
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80



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Sample : J1933-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC1

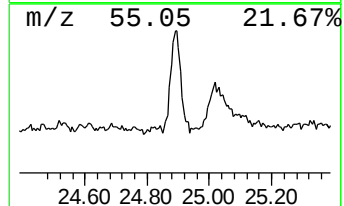
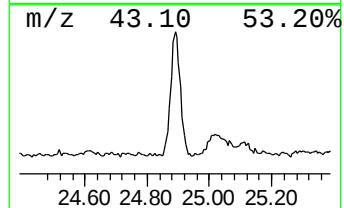
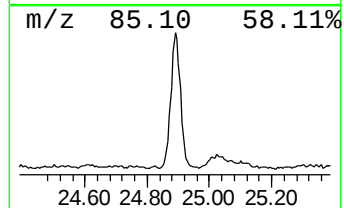
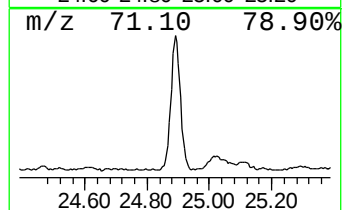
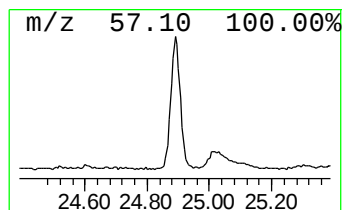
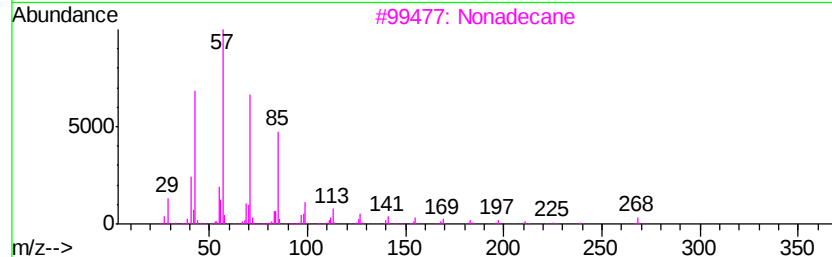
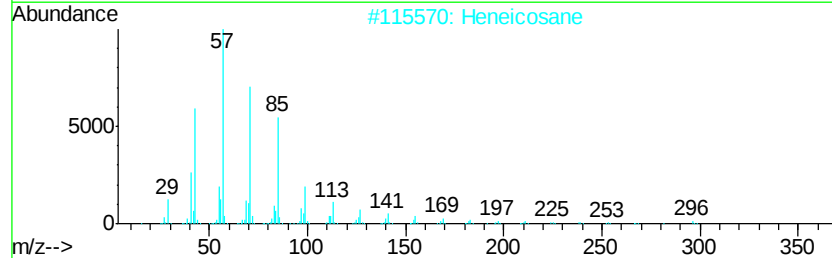
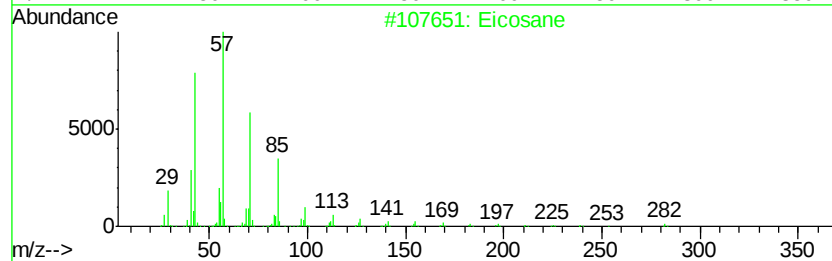
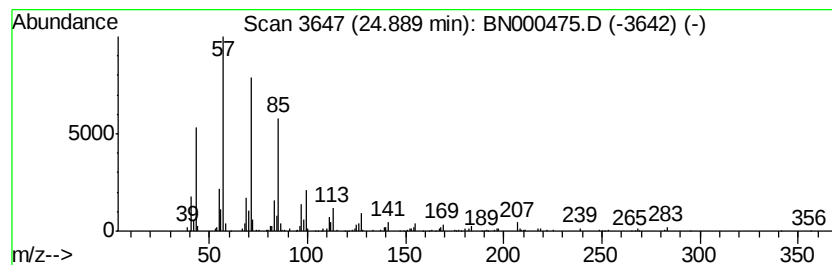
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.62 ng/ul	344391	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Nonadecane	268	C19H40	000629-92-5	90



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Operator : JU/SJ
Sample : J1933-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC1

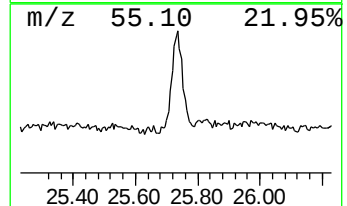
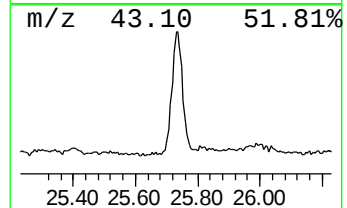
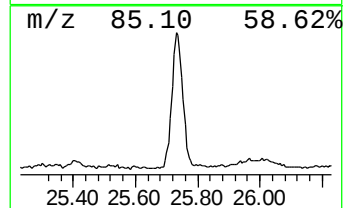
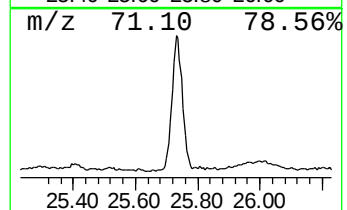
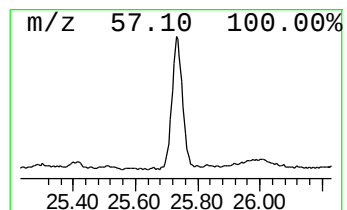
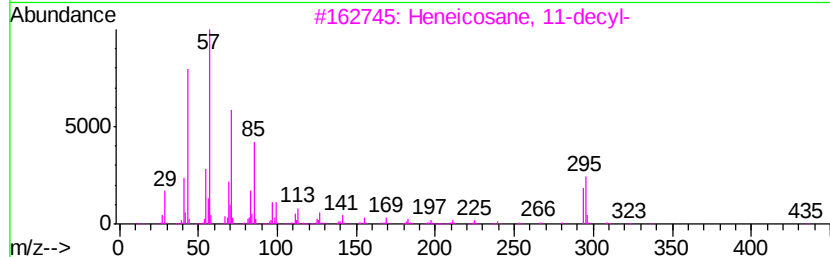
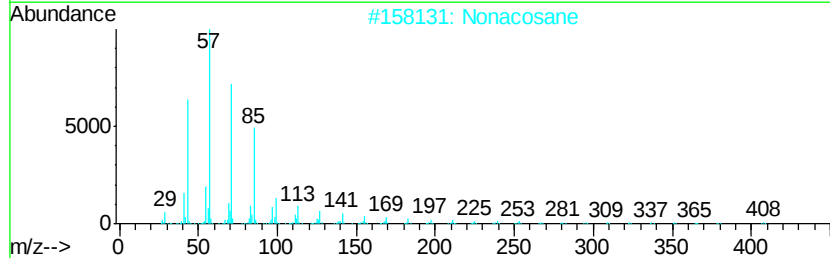
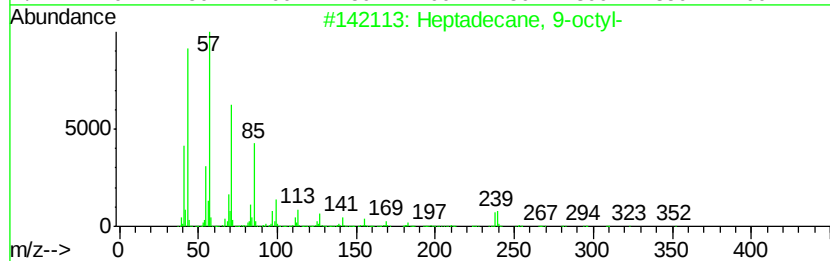
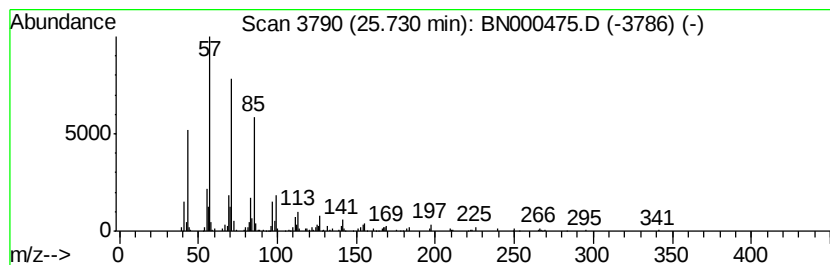
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	2.36 ng/ul	309663	Perylene-d12	24.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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Sample : J1933-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC1

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	2.2	ng/ul	195760	1	8.42	1768310	20.0
n-Hexadecanoic acid	18.60	6.2	ng/ul	1091110	4	17.76	3535320	20.0
Dichloroacetic ac...	21.54	8.0	ng/ul	1227080	5	21.88	3067270	20.0
Squalene	23.11	2.1	ng/ul	320781	5	21.88	3067270	20.0
(DEL) Alkane: Str...	24.89	2.6	ng/ul	344391	6	24.37	2625520	20.0
(DEL) Alkane: Str...	25.73	2.4	ng/ul	309663	6	24.37	2625520	20.0