

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000467.D
 Acq On : 19 Mar 2018 23:16
 Operator : JU/SJ
 Sample : J1933-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC9

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	3.596	22	27	36	rVB	56777	84889	1.53%	0.126%
2	3.914	77	81	89	rVB6	7198	12997	0.23%	0.019%
3	5.414	330	336	341	rBV2	11028	16327	0.29%	0.024%
4	6.425	501	508	520	rBV	198777	311594	5.61%	0.462%
5	6.572	526	533	539	rVB5	5950	14897	0.27%	0.022%
6	7.355	661	666	673	rBV4	7501	14581	0.26%	0.022%
7	7.555	692	700	711	rBV	927138	1740779	31.34%	2.583%
8	7.725	721	729	741	rBV	878566	1374995	24.75%	2.041%
9	7.819	741	745	753	rVB5	8953	16343	0.29%	0.024%
10	7.943	758	766	774	rBV	962631	1626641	29.28%	2.414%
11	8.419	840	847	860	rVB	945537	1532245	27.58%	2.274%
12	9.119	959	966	976	rBV	1156916	1910692	34.40%	2.836%
13	9.196	976	979	988	rVB4	5412	10064	0.18%	0.015%
14	9.602	1040	1048	1056	rBV	919707	1584313	28.52%	2.351%
15	9.672	1056	1060	1066	rVV2	16081	29320	0.53%	0.044%
16	9.743	1068	1072	1080	rVB3	3829	7307	0.13%	0.011%
17	9.955	1103	1108	1116	rVB	25793	37384	0.67%	0.055%
18	10.325	1164	1171	1182	rBV	758005	1320777	23.78%	1.960%
19	10.866	1255	1263	1276	rBV	1197765	2057017	37.03%	3.053%
20	11.260	1322	1330	1338	rBV	1292990	2235400	40.24%	3.318%
21	11.384	1342	1351	1361	rBV	1257481	2144901	38.61%	3.183%
22	12.631	1557	1563	1568	rBV5	5336	9400	0.17%	0.014%
23	12.690	1568	1573	1578	rBV3	9949	14853	0.27%	0.022%
24	12.813	1589	1594	1599	rBV	20469	30636	0.55%	0.045%
25	13.396	1688	1693	1701	rBV4	4487	11042	0.20%	0.016%
26	13.631	1729	1733	1740	rVB	8157	12123	0.22%	0.018%
27	13.831	1761	1767	1773	rBV	37638	53380	0.96%	0.079%
28	13.901	1773	1779	1787	rVV4	17618	32942	0.59%	0.049%
29	14.007	1791	1797	1801	rVB4	3237	7294	0.13%	0.011%
30	14.348	1851	1855	1859	rVV3	5577	10335	0.19%	0.015%
31	14.425	1859	1868	1872	rVV	2268049	3194820	57.52%	4.741%
32	14.472	1872	1876	1881	rVV	543405	751558	13.53%	1.115%
33	14.519	1881	1884	1892	rVB2	15529	23912	0.43%	0.035%
34	14.596	1893	1897	1902	rVB	11906	13491	0.24%	0.020%

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35	14.672	1902	1910	1914	rBV8	8047	26175	0.47%	0.039%
36	14.737	1914	1921	1932	rVB	2654629	3924920	70.66%	5.825%
37	14.890	1942	1947	1952	rBV	151406	184460	3.32%	0.274%
38	14.966	1955	1960	1965	rBV4	9833	20582	0.37%	0.031%
39	15.037	1965	1972	1980	rVV2	1828778	2803970	50.48%	4.161%
40	15.207	1995	2001	2014	rVV	984286	1512967	27.24%	2.245%
41	15.331	2017	2022	2027	rVV3	17195	40202	0.72%	0.060%
42	15.384	2027	2031	2037	rVV5	21312	39223	0.71%	0.058%
43	15.443	2037	2041	2046	rVV	16517	22915	0.41%	0.034%
44	15.501	2046	2051	2058	rVV2	34727	57294	1.03%	0.085%
45	15.572	2058	2063	2067	rVB2	19332	24885	0.45%	0.037%
46	15.725	2084	2089	2094	rVB4	6165	12746	0.23%	0.019%
47	15.790	2094	2100	2103	rBV	45789	66595	1.20%	0.099%
48	15.831	2103	2107	2112	rVB	212131	250684	4.51%	0.372%
49	15.890	2112	2117	2121	rBV4	11989	21320	0.38%	0.032%
50	15.943	2122	2126	2132	rVB6	8252	17523	0.32%	0.026%
51	16.019	2132	2139	2145	rBV	3249186	4670427	84.08%	6.931%
52	16.131	2152	2158	2168	rBV	967665	1341126	24.14%	1.990%
53	16.237	2168	2176	2185	rVV2	53586	190342	3.43%	0.282%
54	16.325	2188	2191	2197	rVV4	17146	27770	0.50%	0.041%
55	16.384	2197	2201	2208	rVV2	23120	41808	0.75%	0.062%
56	16.454	2209	2213	2221	rVB2	24157	34511	0.62%	0.051%
57	16.642	2240	2245	2247	rBV3	14480	19658	0.35%	0.029%
58	16.684	2247	2252	2261	rVV	181638	282492	5.09%	0.419%
59	16.872	2281	2284	2289	rVB4	13934	20172	0.36%	0.030%
60	16.966	2293	2300	2306	rBV2	44069	72861	1.31%	0.108%
61	17.025	2306	2310	2314	rVV4	16136	29665	0.53%	0.044%
62	17.090	2317	2321	2323	rVV2	14436	17358	0.31%	0.026%
63	17.119	2323	2326	2334	rVB3	27665	49874	0.90%	0.074%
64	17.189	2334	2338	2345	rBV2	19143	27160	0.49%	0.040%
65	17.254	2345	2349	2352	rBV2	13281	16540	0.30%	0.025%
66	17.354	2364	2366	2371	rVB3	6851	7333	0.13%	0.011%
67	17.472	2382	2386	2390	rBV	91504	109945	1.98%	0.163%
68	17.525	2391	2395	2397	rBV	18487	22766	0.41%	0.034%
69	17.760	2425	2435	2446	rBV2	2103330	3219535	57.96%	4.778%
70	17.860	2446	2452	2463	rVV2	3471630	5052096	90.95%	7.498%
71	17.942	2463	2466	2469	rVV5	6784	9193	0.17%	0.014%

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72	18.007	2473	2477	2483	rBV6	8186	15821	0.28%	0.023%
73	18.084	2486	2490	2493	rBV6	6957	12064	0.22%	0.018%
74	18.125	2495	2497	2501	rVB2	9851	10923	0.20%	0.016%
75	18.201	2506	2510	2515	rVB	33053	39941	0.72%	0.059%
76	18.378	2537	2540	2547	rVB4	14316	19300	0.35%	0.029%
77	18.478	2553	2557	2560	rBV2	15781	24306	0.44%	0.036%
78	18.601	2572	2578	2589	rBV	416109	646624	11.64%	0.960%
79	18.884	2622	2626	2629	rBV	20349	24445	0.44%	0.036%
80	18.919	2629	2632	2637	rVV2	11635	16231	0.29%	0.024%
81	19.360	2704	2707	2710	rVB	18475	20039	0.36%	0.030%
82	19.448	2720	2722	2727	rVB4	7618	9196	0.17%	0.014%
83	19.501	2728	2731	2734	rVV3	9008	9695	0.17%	0.014%
84	19.713	2763	2767	2768	rBV3	27265	32397	0.58%	0.048%
85	19.754	2771	2774	2779	rVB	57157	80067	1.44%	0.119%
86	19.848	2786	2790	2802	rBV	88706	155957	2.81%	0.231%
87	20.007	2811	2817	2821	rVB2	49129	77660	1.40%	0.115%
88	20.119	2829	2836	2847	rVB	3958150	5554673	100.00%	8.244%
89	20.978	2976	2982	2987	rBV3	47353	87217	1.57%	0.129%
90	21.078	2997	2999	3003	rBV	27577	29734	0.54%	0.044%
91	21.119	3003	3006	3009	rVB3	30949	32907	0.59%	0.049%
92	21.548	3074	3079	3094	rVB	338988	681359	12.27%	1.011%
93	21.883	3131	3136	3142	rBV2	2484615	3282153	59.09%	4.871%
94	22.966	3317	3320	3329	rVB	90951	134924	2.43%	0.200%
95	23.113	3340	3345	3351	rVB	468619	710698	12.79%	1.055%
96	23.530	3412	3416	3422	rBV2	152833	239573	4.31%	0.356%
97	24.213	3519	3532	3544	rVB2	2326267	5168500	93.05%	7.671%
98	24.371	3551	3559	3570	rVB2	1444005	2991540	53.86%	4.440%
99	24.895	3643	3648	3659	rVB	190115	378096	6.81%	0.561%
100	25.736	3786	3791	3798	rVB	160836	356600	6.42%	0.529%

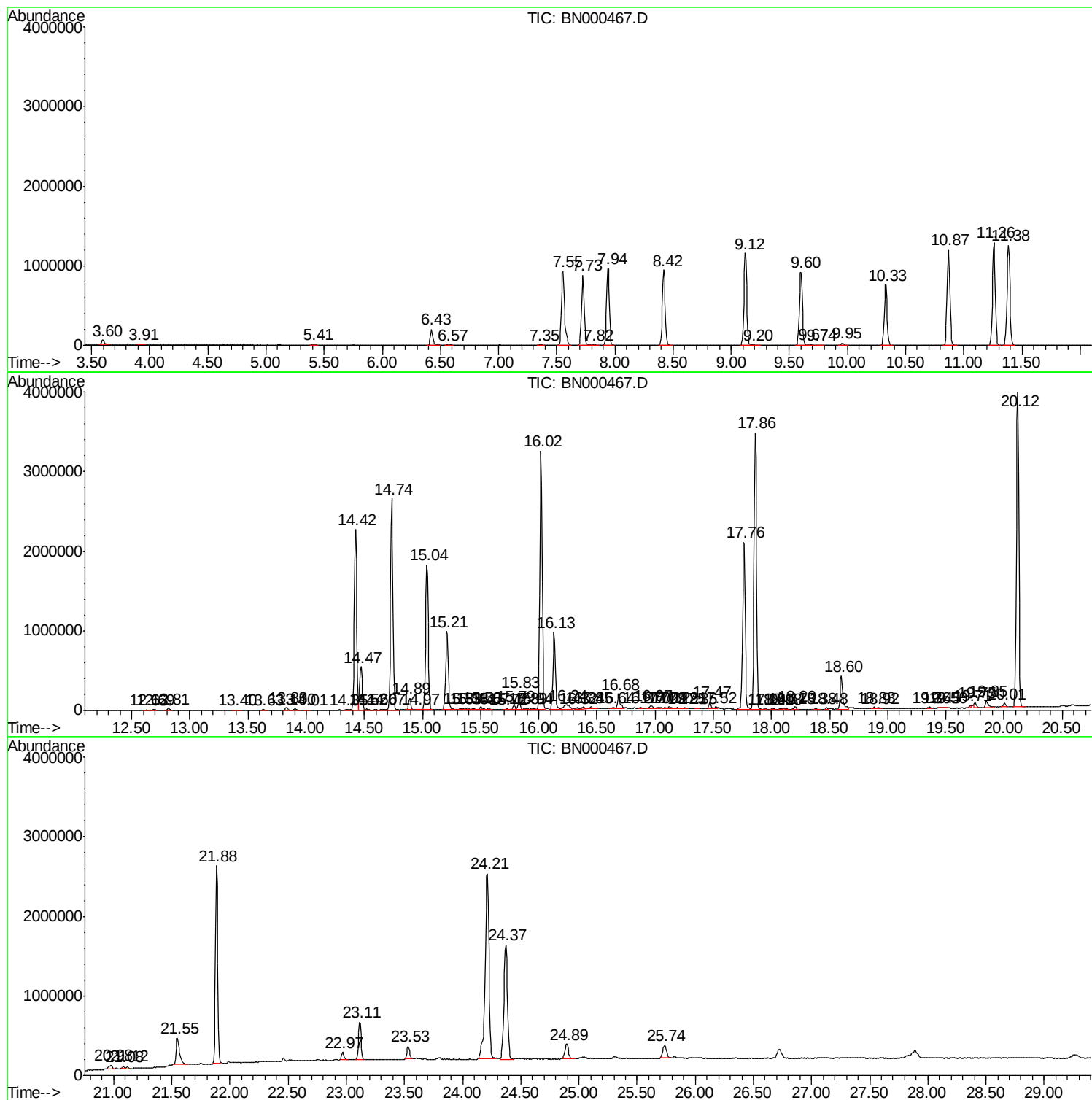
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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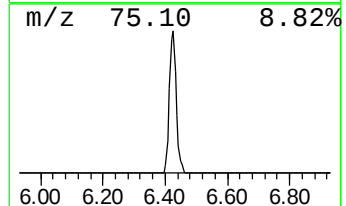
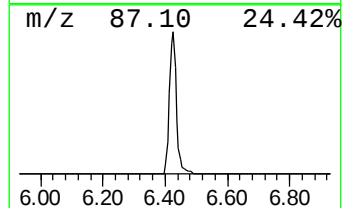
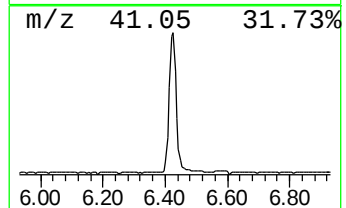
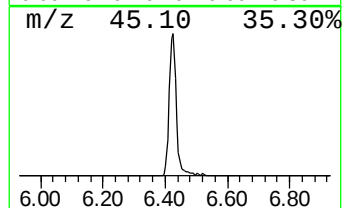
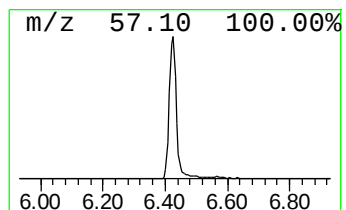
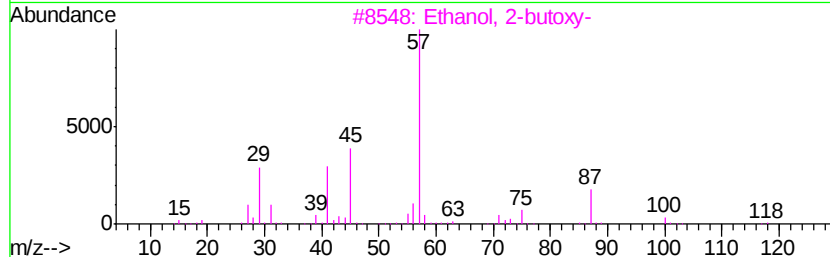
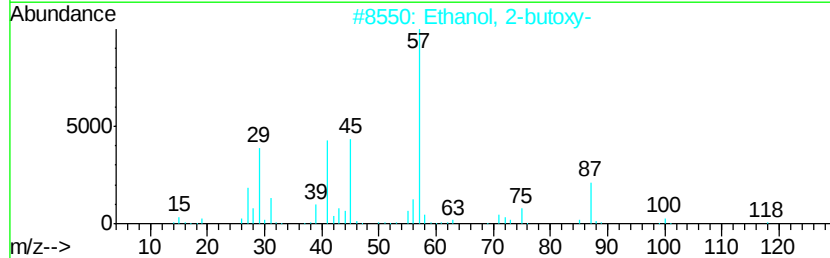
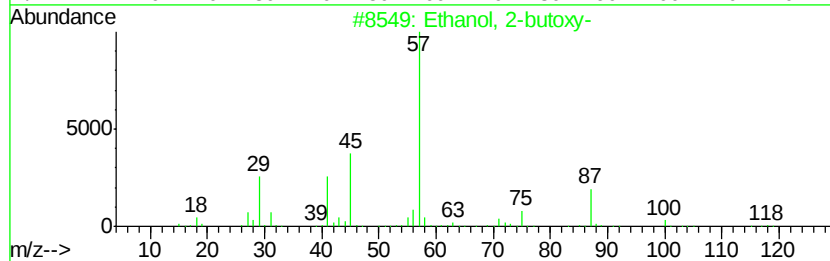
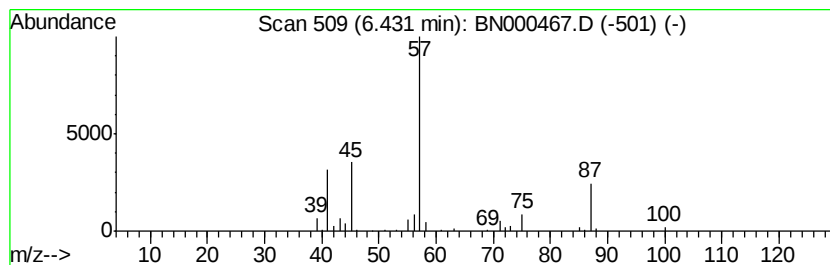
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	4.07 ng/ul	311594	1,4-Dichlorobenzene-d4	8.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
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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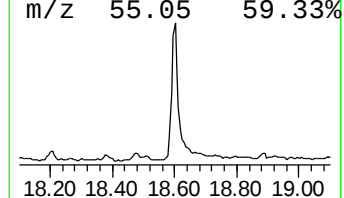
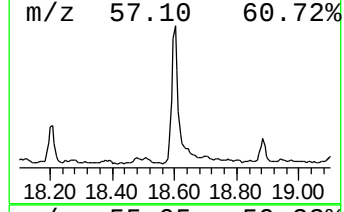
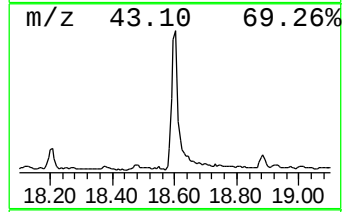
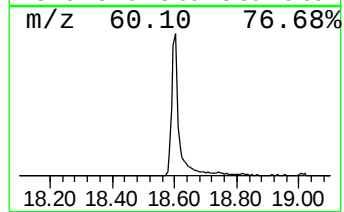
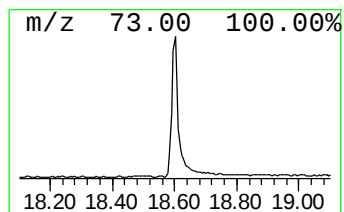
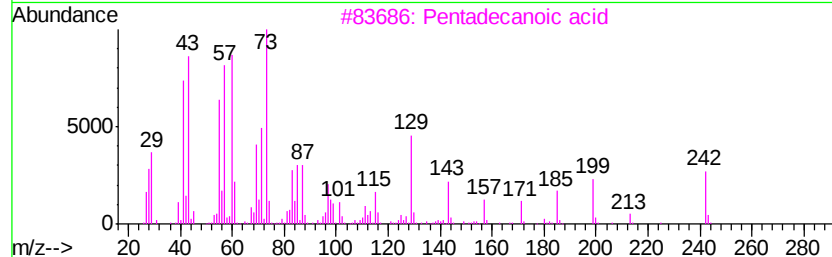
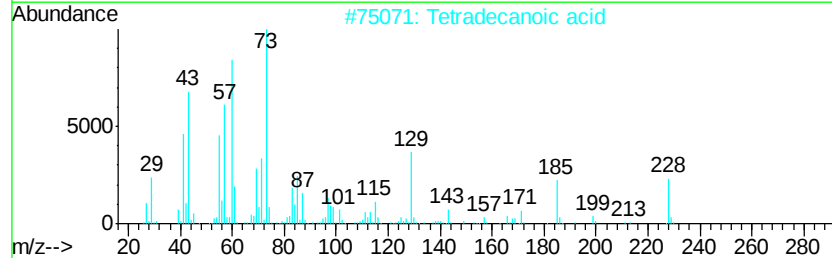
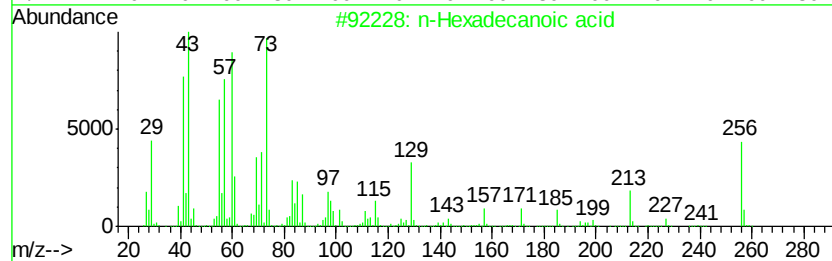
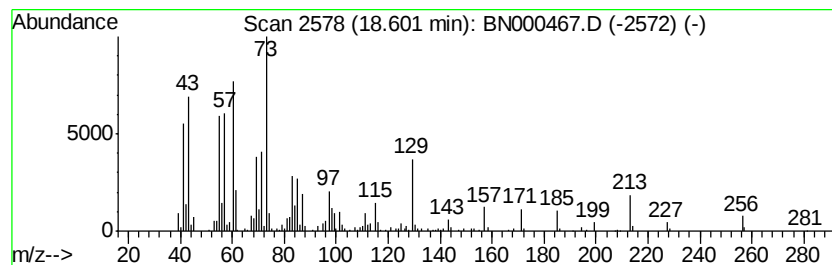
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.60	4.02 ng/ul	646624	Phenanthrene-d10	17.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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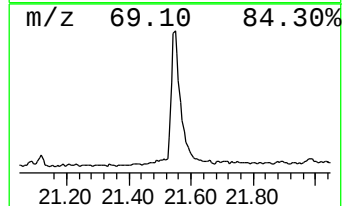
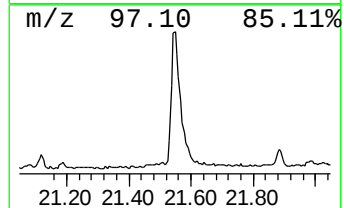
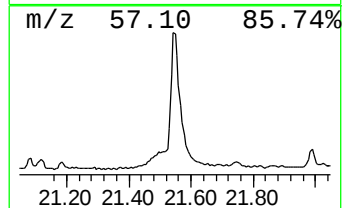
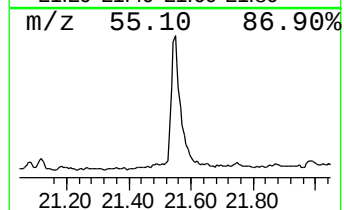
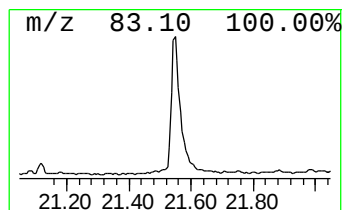
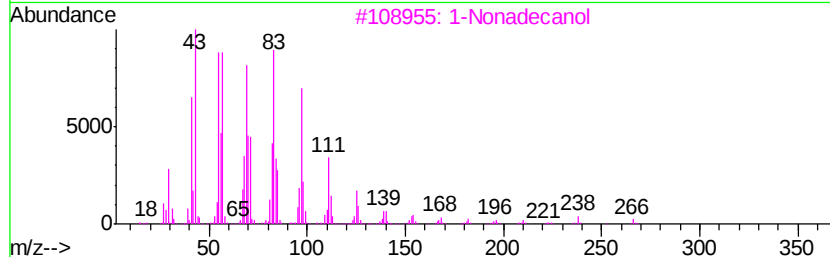
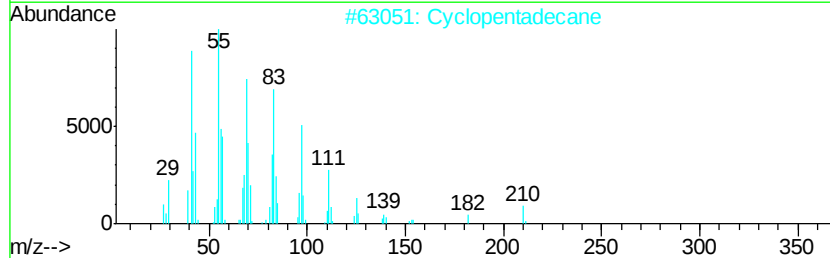
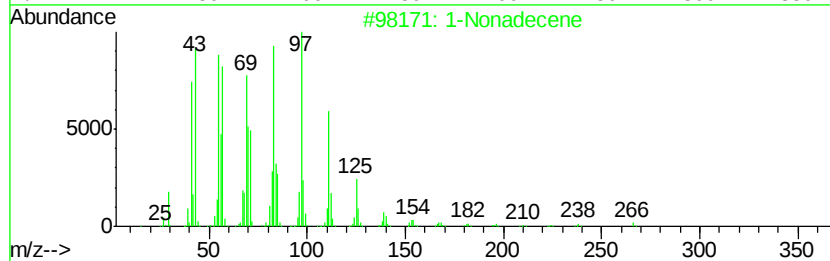
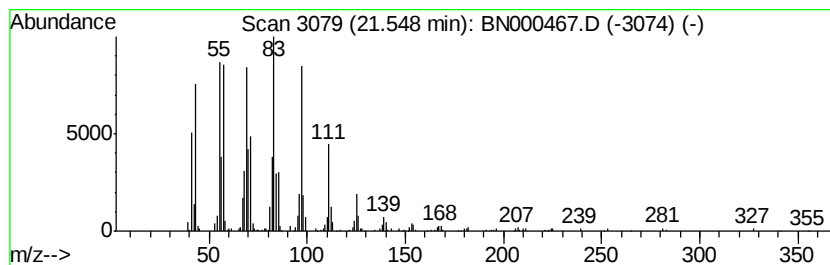
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.55	4.15 ng/ul	681359	Chrysene-d12	21.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Nonadecanol	284	C19H40O	001454-84-8	93
4	1-Hexadecene	224	C16H32	000629-73-2	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



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Data File : BN000467.D
Acq On : 19 Mar 2018 23:16
Operator : JU/SJ
Sample : J1933-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC9

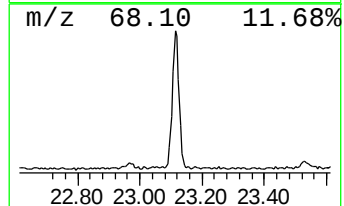
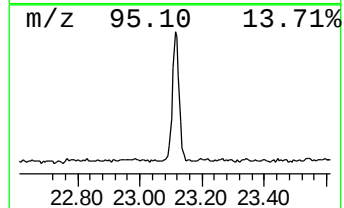
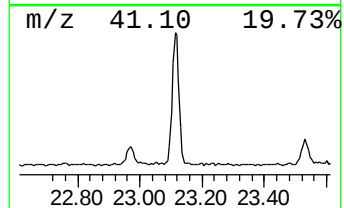
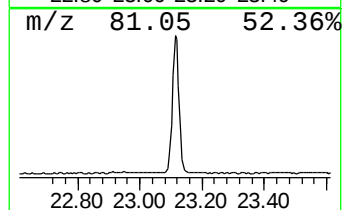
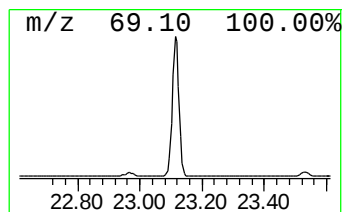
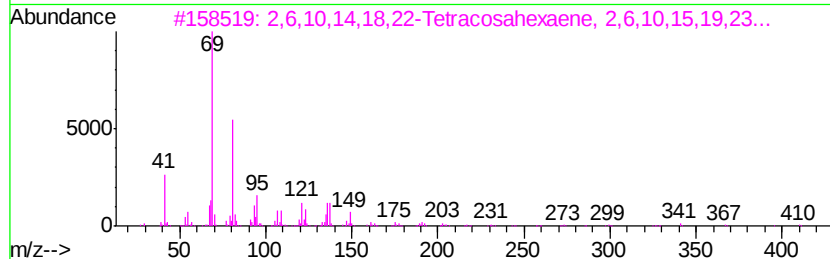
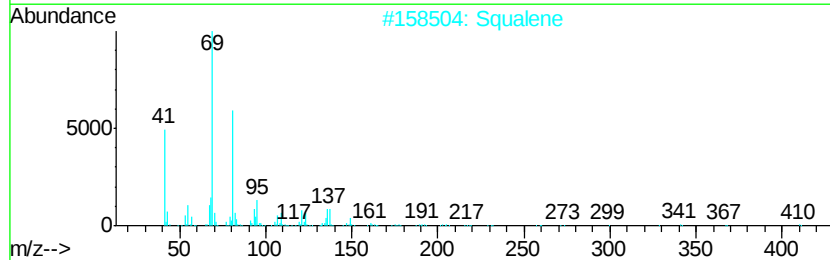
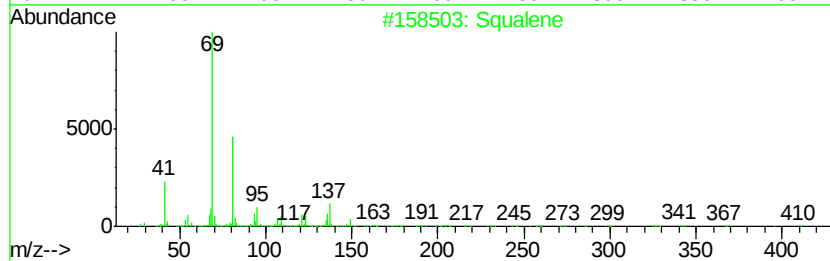
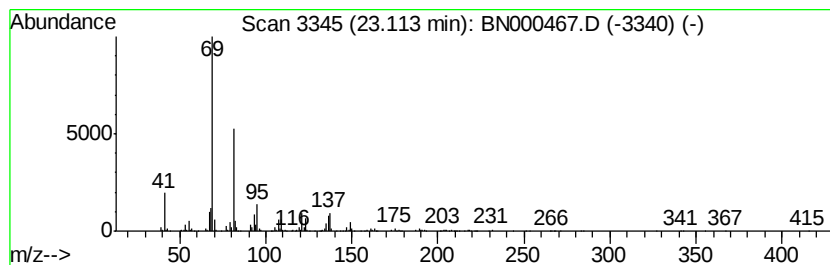
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	4.33 ng/ul	710698	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90



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Sample : J1933-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC9

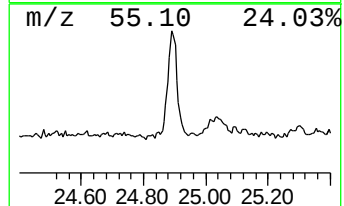
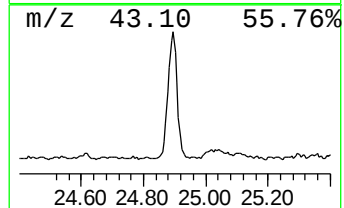
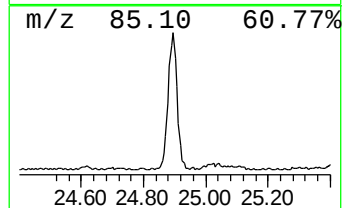
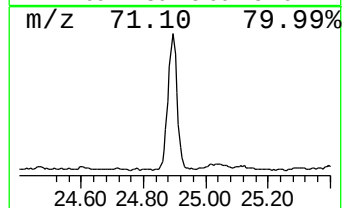
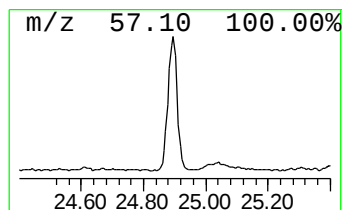
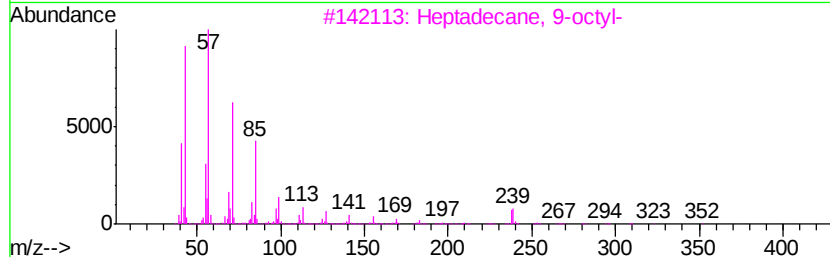
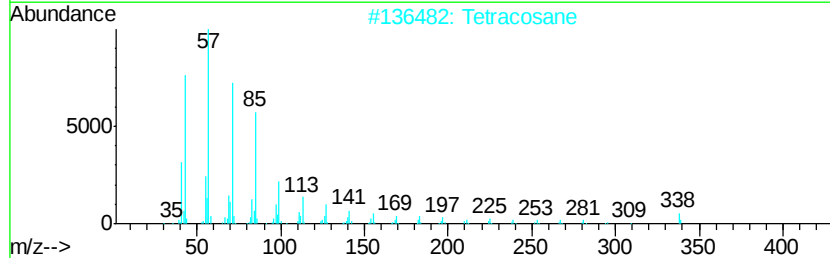
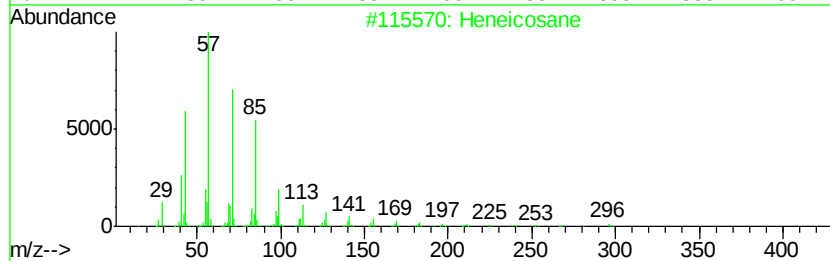
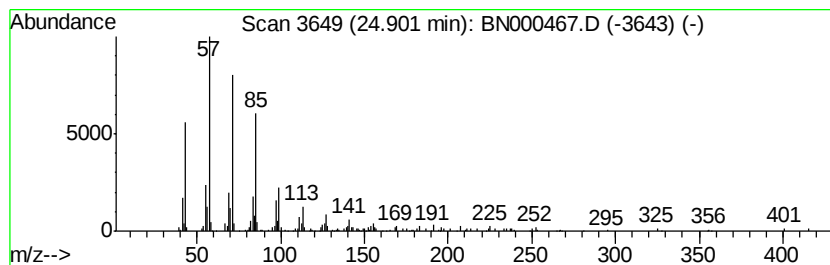
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	2.53 ng/ul	378096	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
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Sample : J1933-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC9

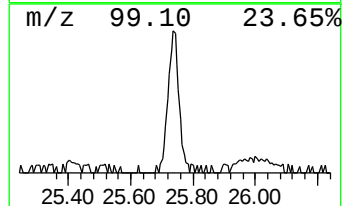
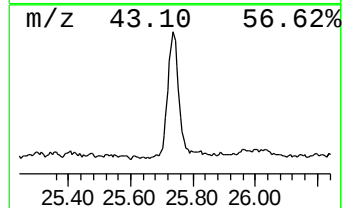
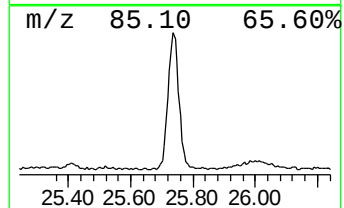
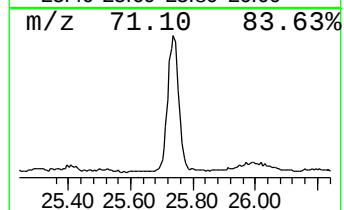
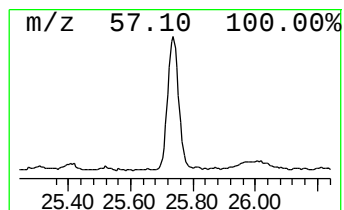
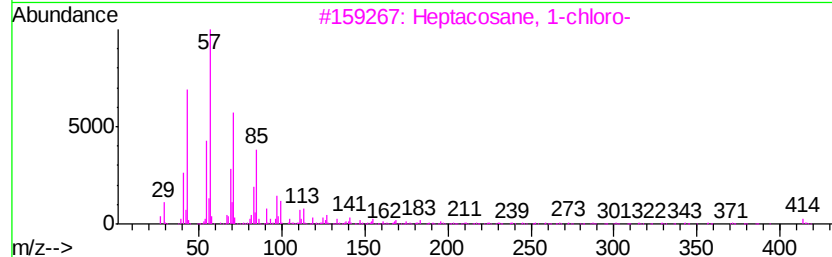
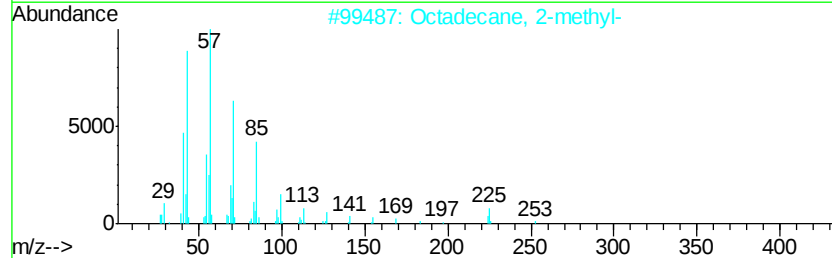
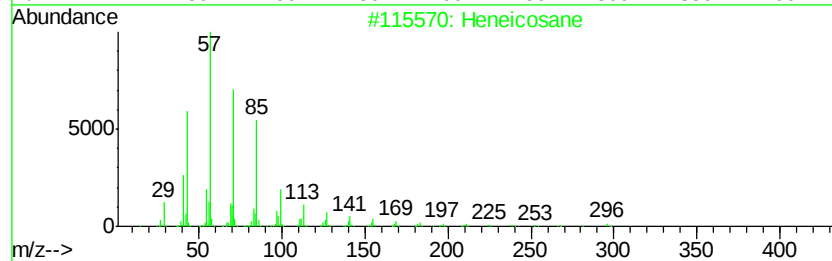
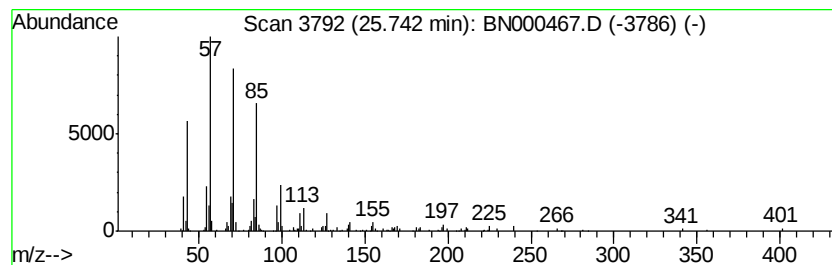
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.38 ng/ul	356600	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptacosane	380	C27H56	000593-49-7	80



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC9

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-	6.43	4.1	ng/ul	311594	1	8.42	1532250	20.0
n-Hexadecanoic acid	18.60	4.0	ng/ul	646624	4	17.76	3219540	20.0
(DEL) Alkane: Cyc...	21.55	4.2	ng/ul	681359	5	21.88	3282150	20.0
Squalene	23.11	4.3	ng/ul	710698	5	21.88	3282150	20.0
(DEL) Alkane: Str...	24.90	2.5	ng/ul	378096	6	24.37	2991540	20.0
(DEL) Alkane: Str...	25.74	2.4	ng/ul	356600	6	24.37	2991540	20.0