

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000463.D
 Acq On : 19 Mar 2018 20:57
 Operator : JU/SJ
 Sample : J1933-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC3

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	34	rVB	60871	93409	1.67%	0.140%
2	4.420	162	167	172	rBV2	5947	9172	0.16%	0.014%
3	5.414	331	336	343	rVB3	6444	12254	0.22%	0.018%
4	6.425	502	508	523	rVV	141507	225176	4.03%	0.336%
5	6.572	528	533	542	rVB2	7046	14649	0.26%	0.022%
6	7.013	602	608	613	rBV4	6025	9789	0.18%	0.015%
7	7.361	660	667	671	rBV2	12642	22896	0.41%	0.034%
8	7.555	692	700	712	rVV2	989710	2060384	36.84%	3.078%
9	7.725	721	729	741	rBV	936966	1475041	26.37%	2.203%
10	7.819	741	745	749	rVB2	5389	9461	0.17%	0.014%
11	7.943	759	766	776	rBV	1042395	1725393	30.85%	2.577%
12	8.419	840	847	862	rVB	988624	1618725	28.94%	2.418%
13	8.643	879	885	894	rBV7	3577	10616	0.19%	0.016%
14	9.119	959	966	977	rBV	1062270	1828982	32.70%	2.732%
15	9.602	1039	1048	1056	rBV	1053038	1755911	31.39%	2.623%
16	9.678	1056	1061	1067	rVV	22059	41232	0.74%	0.062%
17	9.737	1067	1071	1078	rVB2	7779	14338	0.26%	0.021%
18	9.960	1101	1109	1115	rVB2	29346	44401	0.79%	0.066%
19	10.331	1164	1172	1180	rBV	860069	1456449	26.04%	2.176%
20	10.872	1255	1264	1275	rBV	1259355	2206370	39.45%	3.296%
21	11.260	1321	1330	1343	rVB	1413824	2395097	42.82%	3.578%
22	11.384	1343	1351	1366	rBV	939723	1599913	28.61%	2.390%
23	11.990	1451	1454	1463	rBV	6443	12929	0.23%	0.019%
24	12.625	1558	1562	1568	rVB3	5460	10165	0.18%	0.015%
25	12.696	1568	1574	1580	rBV3	8387	14614	0.26%	0.022%
26	12.819	1590	1595	1600	rBV	24087	35392	0.63%	0.053%
27	13.631	1729	1733	1739	rVB2	10319	15188	0.27%	0.023%
28	13.831	1761	1767	1775	rBV	40233	58878	1.05%	0.088%
29	13.901	1775	1779	1785	rBV4	10281	18998	0.34%	0.028%
30	14.354	1849	1856	1859	rBV3	6034	11355	0.20%	0.017%
31	14.425	1859	1868	1873	rVV	2487091	3520490	62.94%	5.259%
32	14.472	1873	1876	1882	rVV	664299	865580	15.48%	1.293%
33	14.519	1882	1884	1891	rVB	17078	24210	0.43%	0.036%
34	14.595	1893	1897	1902	rBV3	12419	17082	0.31%	0.026%

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35	14.666	1902	1909	1910	rBV2	8556	17645	0.32%	0.026%
36	14.684	1910	1912	1914	rVV2	7955	8867	0.16%	0.013%
37	14.737	1914	1921	1933	rVB	2755568	4201153	75.11%	6.275%
38	14.890	1942	1947	1952	rVB	159015	196157	3.51%	0.293%
39	14.972	1956	1961	1965	rBV4	11088	21902	0.39%	0.033%
40	15.043	1965	1973	1980	rVB2	1912891	3010880	53.83%	4.497%
41	15.213	1996	2002	2015	rVV	1087843	1676990	29.98%	2.505%
42	15.325	2017	2021	2028	rVV3	17484	43550	0.78%	0.065%
43	15.384	2028	2031	2036	rVV4	23614	36131	0.65%	0.054%
44	15.442	2037	2041	2046	rVB2	18052	25913	0.46%	0.039%
45	15.501	2046	2051	2059	rBV3	36534	65352	1.17%	0.098%
46	15.572	2059	2063	2068	rVB2	20740	26144	0.47%	0.039%
47	15.725	2084	2089	2094	rVB5	6549	12159	0.22%	0.018%
48	15.790	2095	2100	2103	rBV	41920	57619	1.03%	0.086%
49	15.831	2103	2107	2112	rVB	229921	272143	4.87%	0.407%
50	15.890	2113	2117	2121	rVV4	11283	18651	0.33%	0.028%
51	15.942	2121	2126	2132	rVB6	9100	17482	0.31%	0.026%
52	16.019	2132	2139	2146	rBV	3509818	5054029	90.36%	7.549%
53	16.066	2146	2147	2153	rVB3	8382	10577	0.19%	0.016%
54	16.131	2153	2158	2168	rBV	1015925	1468253	26.25%	2.193%
55	16.237	2168	2176	2188	rVB2	53787	179461	3.21%	0.268%
56	16.331	2188	2192	2197	rVB5	17305	22958	0.41%	0.034%
57	16.384	2197	2201	2204	rBV	24696	32762	0.59%	0.049%
58	16.448	2209	2212	2217	rVB2	26690	32458	0.58%	0.048%
59	16.642	2240	2245	2248	rBV2	16712	29471	0.53%	0.044%
60	16.684	2248	2252	2262	rVV	189215	305611	5.46%	0.457%
61	16.872	2282	2284	2293	rVB	18735	23476	0.42%	0.035%
62	16.966	2294	2300	2306	rVV	47763	81940	1.47%	0.122%
63	17.025	2306	2310	2317	rVV6	19989	42906	0.77%	0.064%
64	17.084	2317	2320	2323	rVV2	16781	21838	0.39%	0.033%
65	17.119	2323	2326	2334	rVB3	26873	50339	0.90%	0.075%
66	17.189	2334	2338	2345	rVB3	21195	30175	0.54%	0.045%
67	17.254	2345	2349	2351	rBV3	13916	19082	0.34%	0.029%
68	17.284	2351	2354	2360	rVB3	15926	27236	0.49%	0.041%
69	17.472	2382	2386	2391	rBV	94824	115002	2.06%	0.172%
70	17.525	2391	2395	2398	rBV2	21761	28958	0.52%	0.043%
71	17.766	2425	2436	2446	rBV2	2256381	3384080	60.51%	5.055%

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72	17.860	2446	2452	2463	rVV2	3562581	5224560	93.41%	7.804%
73	17.942	2463	2466	2473	rVB5	7638	13946	0.25%	0.021%
74	18.013	2473	2478	2482	rBV4	8800	16511	0.30%	0.025%
75	18.084	2487	2490	2494	rBV4	14929	22872	0.41%	0.034%
76	18.201	2506	2510	2514	rBV	34202	41674	0.75%	0.062%
77	18.348	2532	2535	2537	rBV	9220	10746	0.19%	0.016%
78	18.378	2537	2540	2546	rVB5	14809	23004	0.41%	0.034%
79	18.478	2553	2557	2560	rBV4	12250	20377	0.36%	0.030%
80	18.601	2573	2578	2589	rBV	331178	530194	9.48%	0.792%
81	18.678	2589	2591	2594	rVB	11358	12883	0.23%	0.019%
82	18.883	2622	2626	2629	rBV	21736	26435	0.47%	0.039%
83	18.919	2629	2632	2636	rVB	12390	16427	0.29%	0.025%
84	19.360	2704	2707	2712	rVB	18640	22226	0.40%	0.033%
85	19.448	2719	2722	2728	rVB6	10155	17251	0.31%	0.026%
86	19.501	2728	2731	2734	rBV3	11277	12500	0.22%	0.019%
87	19.754	2764	2774	2779	rBV	54596	106695	1.91%	0.159%
88	19.848	2786	2790	2801	rBV	74284	128094	2.29%	0.191%
89	20.007	2813	2817	2821	rVB	47721	66074	1.18%	0.099%
90	20.119	2829	2836	2848	rVB	4023889	5593006	100.00%	8.354%
91	20.977	2976	2982	2987	rBV4	42623	83316	1.49%	0.124%
92	21.077	2996	2999	3003	rBV2	31123	39203	0.70%	0.059%
93	21.119	3003	3006	3011	rVB4	30590	37492	0.67%	0.056%
94	21.548	3075	3079	3090	rBV	187305	375117	6.71%	0.560%
95	21.883	3131	3136	3142	rBV2	2192532	2981231	53.30%	4.453%
96	23.113	3341	3345	3351	rVB	257925	378829	6.77%	0.566%
97	23.530	3412	3416	3422	rBV3	111938	189489	3.39%	0.283%
98	24.213	3520	3532	3545	rVB2	1893105	4273774	76.41%	6.384%
99	24.371	3551	3559	3568	rVB	1252001	2566502	45.89%	3.834%
100	24.895	3645	3648	3655	rVB	121022	212196	3.79%	0.317%

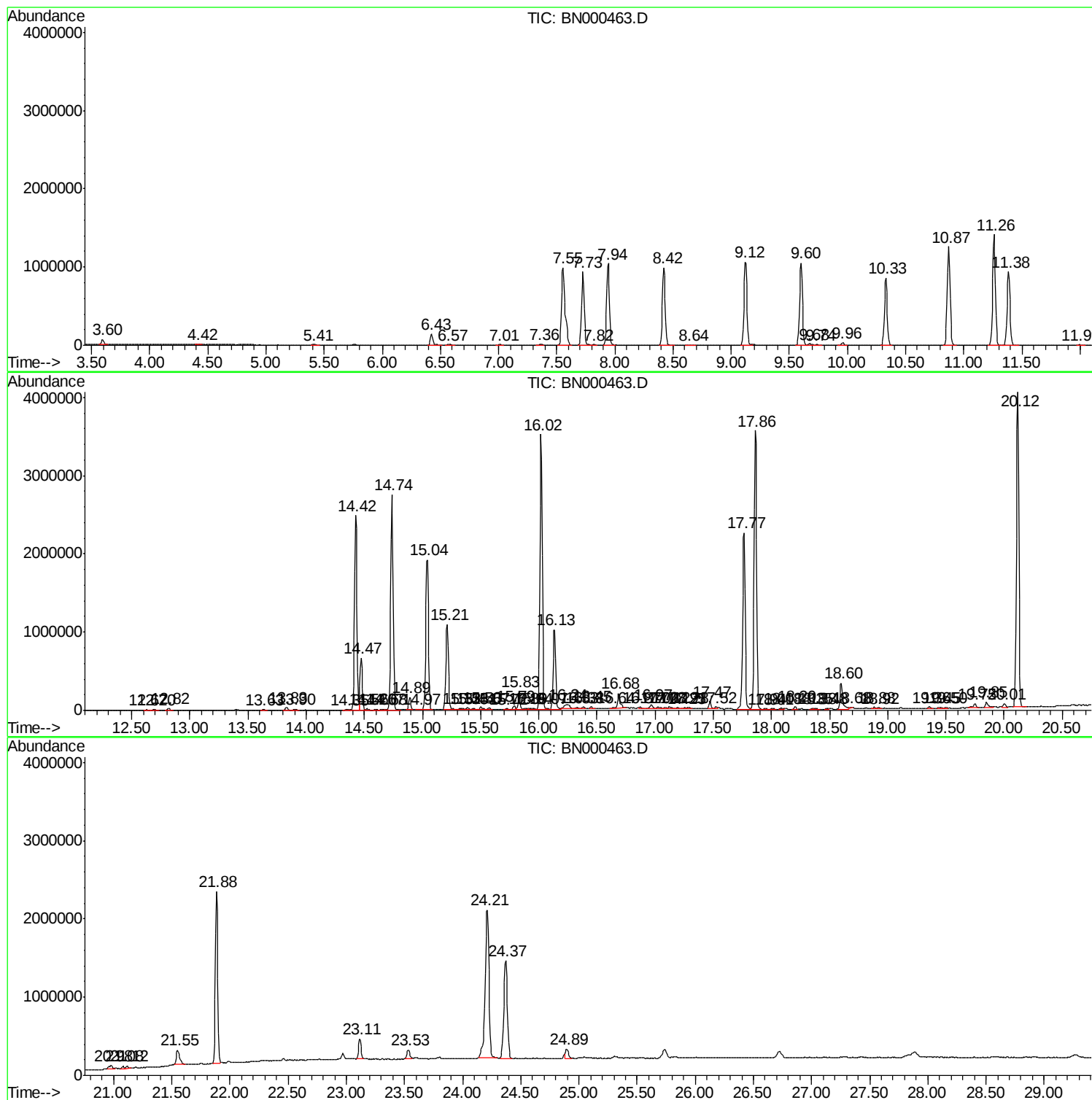
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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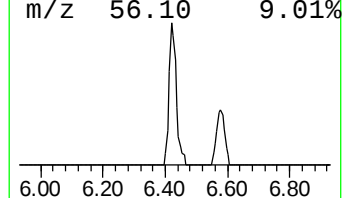
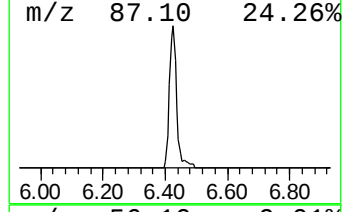
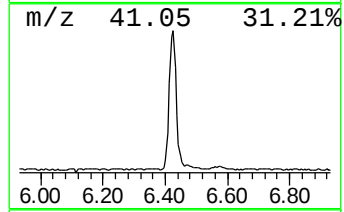
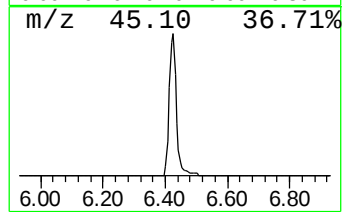
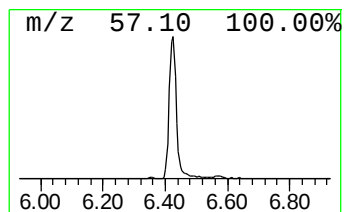
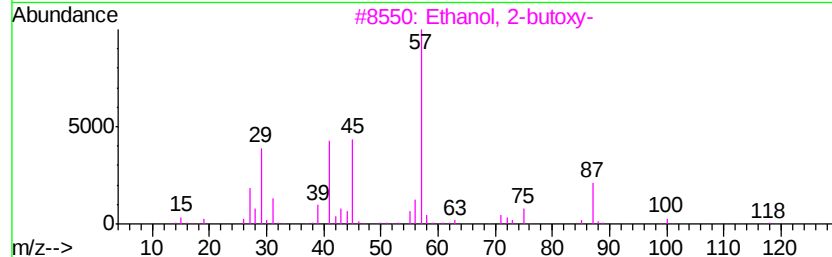
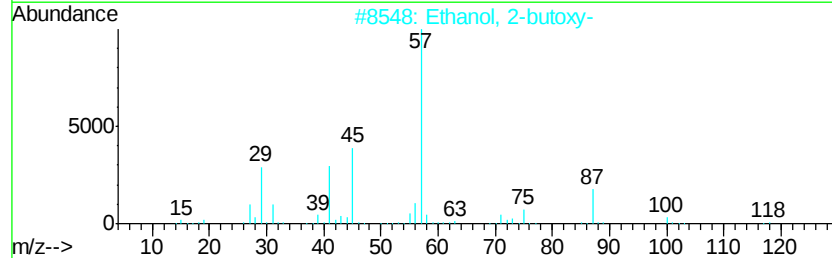
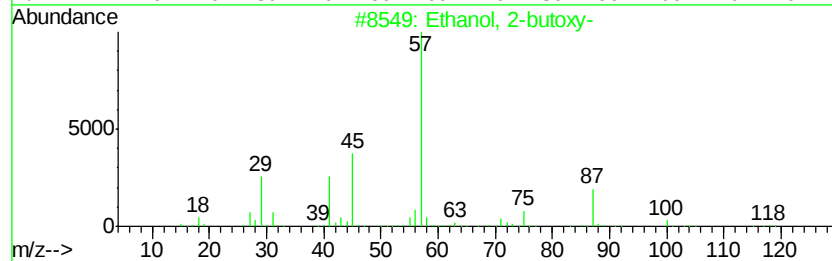
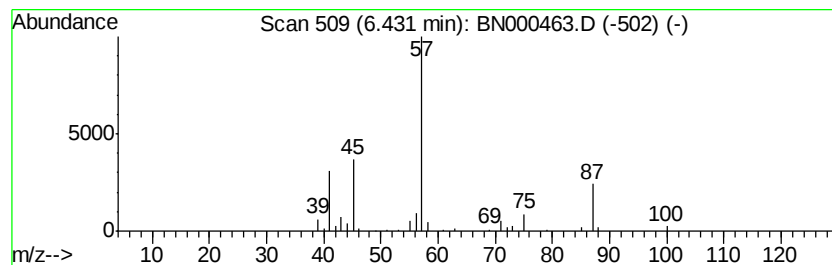
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	2.78 ng/ul	225176	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	78
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38



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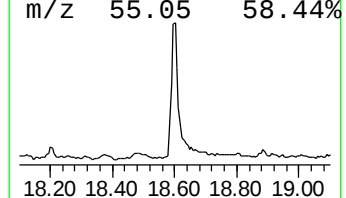
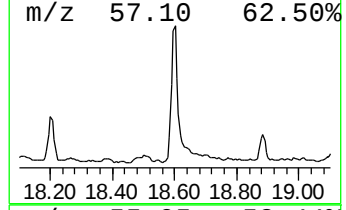
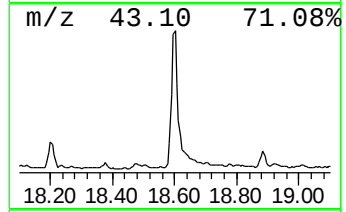
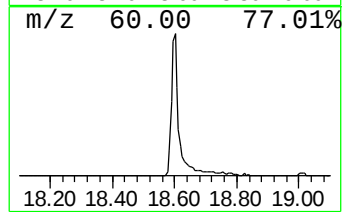
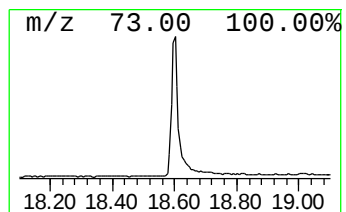
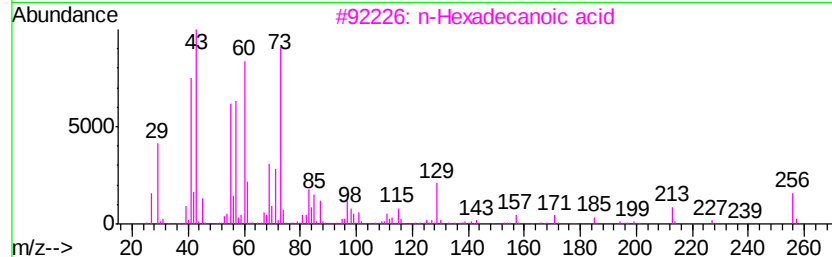
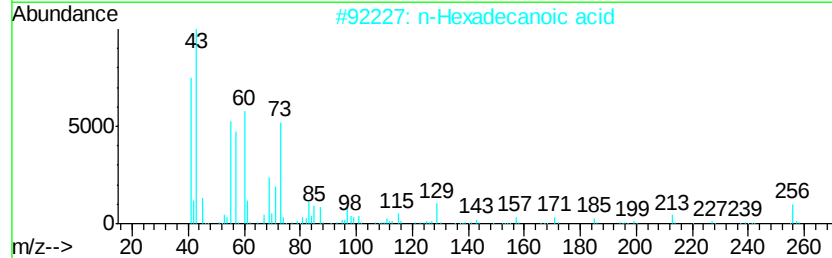
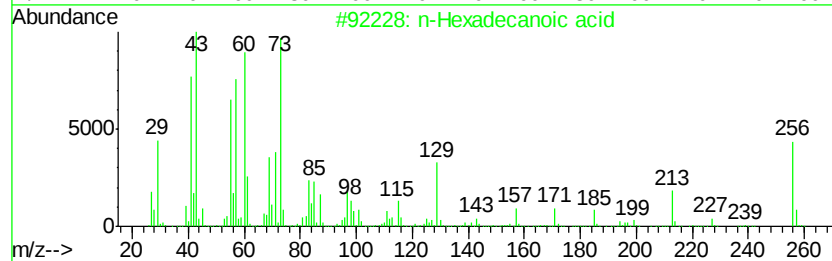
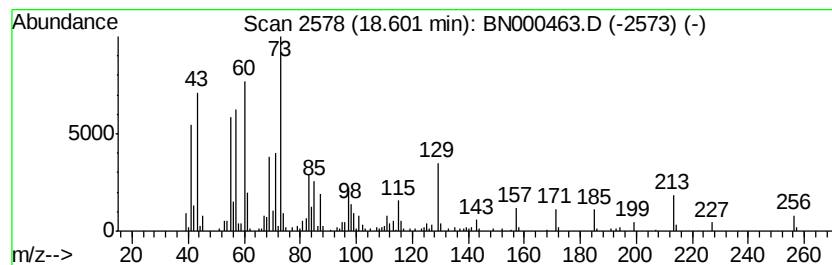
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.13 ng/ul	530194	Phenanthrene-d10	17.77

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	94	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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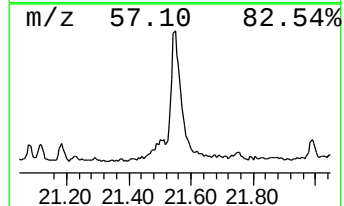
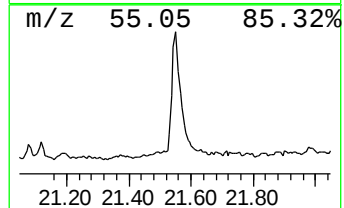
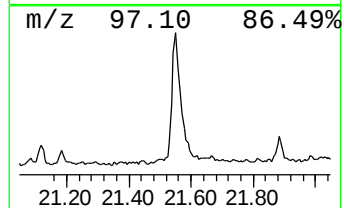
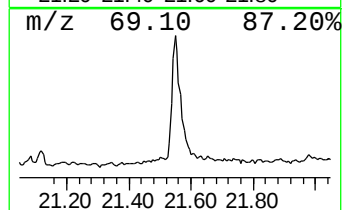
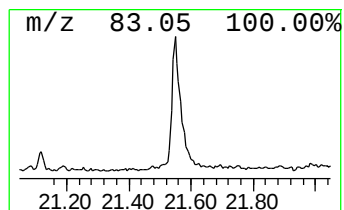
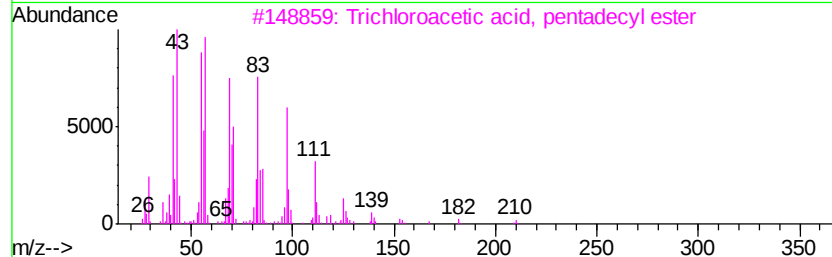
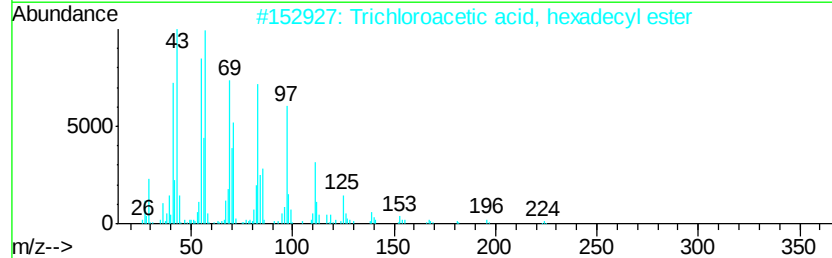
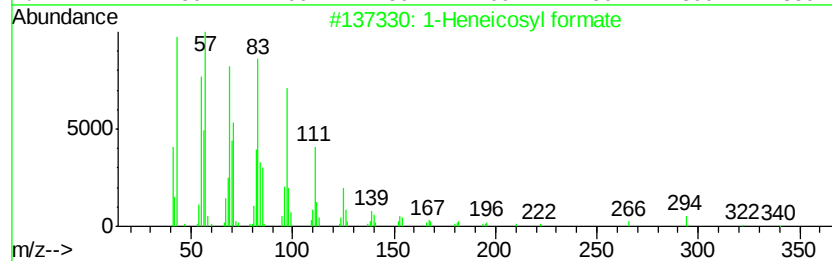
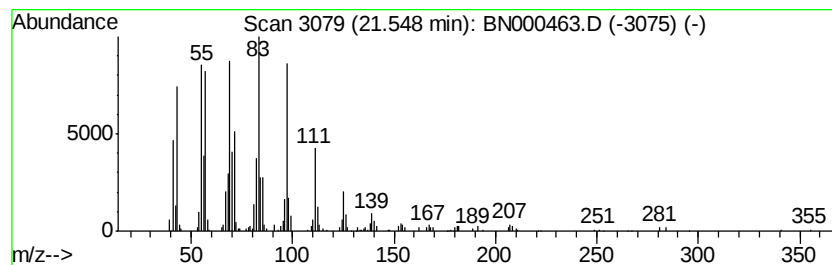
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Peak Number 3 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.55	2.52 ng/ul	375117	Chrysene-d12	21.88		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl	formate	340	C22H44O2	077899-03-7	93
2	Trichloroacetic acid,	hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid,	pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
5	1-Octadecanol		270	C18H38O	000112-92-5	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000463.D
Acq On : 19 Mar 2018 20:57
Operator : JU/SJ
Sample : J1933-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC3

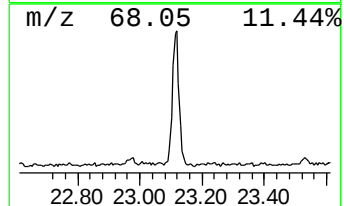
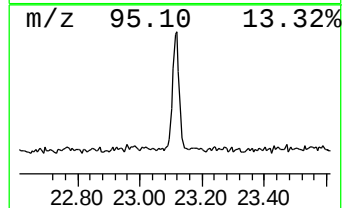
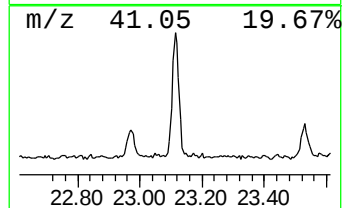
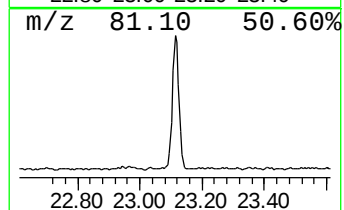
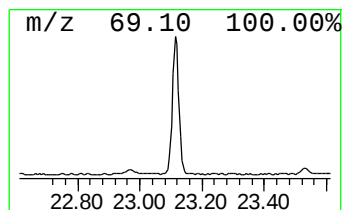
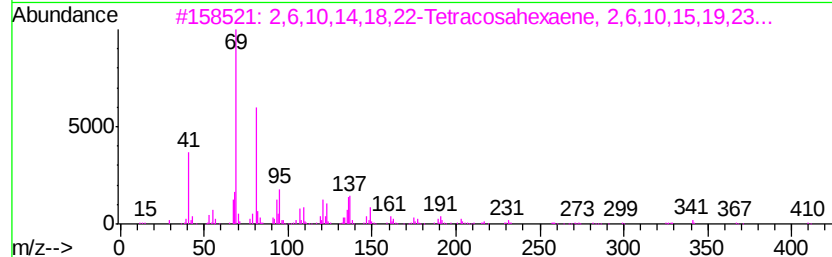
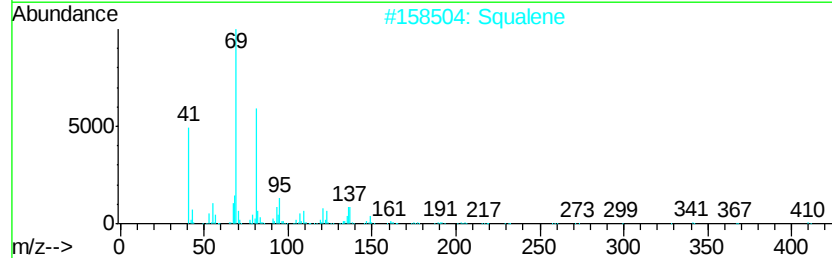
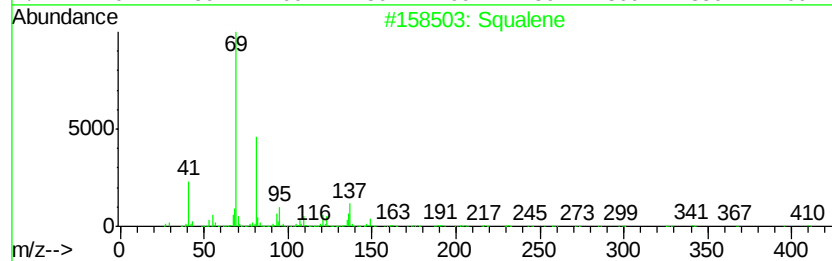
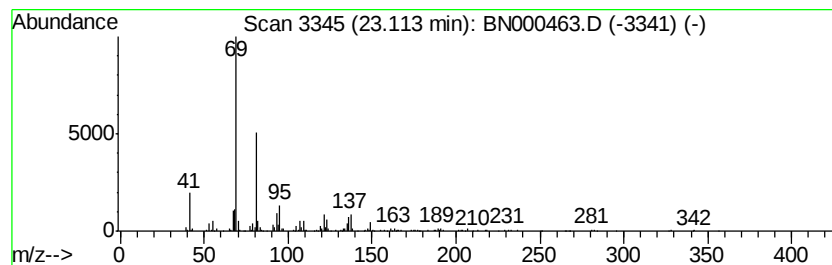
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	2.54 ng/ul	378829	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		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53



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BNA_N
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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-	6.43	2.8	ng/ul	225176	1	8.42	1618730	20.0
n-Hexadecanoic acid	18.60	3.1	ng/ul	530194	4	17.77	3384080	20.0
1-Heneicosyl formate	21.55	2.5	ng/ul	375117	5	21.88	2981230	20.0
Squalene	23.11	2.5	ng/ul	378829	5	21.88	2981230	20.0