

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000461.D
 Acq On : 19 Mar 2018 19:48
 Operator : JU/SJ
 Sample : J1933-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC0

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	23	27	35	rVB	66230	92153	2.04%	0.153%
2	3.902	77	79	88	rVB	4192	7372	0.16%	0.012%
3	4.419	162	167	172	rBV	7716	11271	0.25%	0.019%
4	4.772	223	227	232	rBV	7929	11892	0.26%	0.020%
5	5.414	330	336	342	rBV	19885	29723	0.66%	0.049%
6	5.755	390	394	398	rBV5	3491	6464	0.14%	0.011%
7	6.425	502	508	518	rBV	121206	188359	4.16%	0.312%
8	6.572	527	533	540	rVB5	6360	14692	0.32%	0.024%
9	7.013	603	608	611	rBV2	4373	5791	0.13%	0.010%
10	7.361	659	667	672	rBV3	10053	22287	0.49%	0.037%
11	7.555	692	700	713	rBV	1059890	1891995	41.82%	3.135%
12	7.725	722	729	739	rBV	944473	1454382	32.15%	2.410%
13	7.819	741	745	753	rVB3	5913	10633	0.24%	0.018%
14	7.943	758	766	773	rBV	1073447	1775346	39.24%	2.941%
15	8.419	840	847	860	rVB	975297	1613826	35.67%	2.674%
16	8.778	904	908	914	rBV3	2800	5292	0.12%	0.009%
17	8.955	931	938	943	rBV5	2619	5789	0.13%	0.010%
18	9.125	959	967	977	rBV	1328622	2223549	49.15%	3.684%
19	9.196	977	979	987	rVB3	5221	8488	0.19%	0.014%
20	9.602	1040	1048	1056	rBV	1002920	1681568	37.17%	2.786%
21	9.672	1056	1060	1068	rVB5	12771	25854	0.57%	0.043%
22	9.960	1102	1109	1113	rVB	21728	31486	0.70%	0.052%
23	10.331	1165	1172	1182	rBV	820361	1369384	30.27%	2.269%
24	10.872	1256	1264	1272	rBV	1247436	2122495	46.91%	3.516%
25	11.260	1322	1330	1338	rBV	1316409	2241085	49.53%	3.713%
26	11.384	1343	1351	1367	rBV	1223974	2133266	47.15%	3.534%
27	12.637	1557	1564	1569	rVB5	3992	8924	0.20%	0.015%
28	12.690	1569	1573	1577	rBV2	3905	6512	0.14%	0.011%
29	12.737	1577	1581	1585	rVB3	7615	11032	0.24%	0.018%
30	12.819	1589	1595	1599	rBV	20910	30972	0.68%	0.051%
31	13.407	1687	1695	1703	rBB5	4370	9786	0.22%	0.016%
32	13.548	1715	1719	1723	rVV4	3516	5750	0.13%	0.010%
33	13.631	1727	1733	1738	rBV	7311	10730	0.24%	0.018%
34	13.831	1762	1767	1776	rBV	33029	46463	1.03%	0.077%

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 Title : SVOA CALIBRATION

35	13.901	1776	1779	1788	rBV5	4400	10319	0.23%	0.017%
36	14.354	1848	1856	1859	rBV3	5616	10974	0.24%	0.018%
37	14.425	1859	1868	1873	rVV	1999962	2825896	62.46%	4.682%
38	14.472	1873	1876	1882	rVV	444933	591348	13.07%	0.980%
39	14.525	1882	1885	1892	rVB3	12842	18582	0.41%	0.031%
40	14.595	1892	1897	1903	rBV	9019	13106	0.29%	0.022%
41	14.654	1903	1907	1908	rBV3	5366	7304	0.16%	0.012%
42	14.737	1915	1921	1934	rVB	2450799	3669192	81.10%	6.079%
43	14.890	1939	1947	1956	rVB	122541	157008	3.47%	0.260%
44	14.966	1956	1960	1965	rBV3	9558	16709	0.37%	0.028%
45	15.042	1965	1973	1980	rVV2	1622096	2576257	56.94%	4.268%
46	15.160	1989	1993	1996	rBV5	3957	6876	0.15%	0.011%
47	15.213	1996	2002	2014	rVV	897609	1353929	29.93%	2.243%
48	15.325	2017	2021	2028	rVV5	13036	35164	0.78%	0.058%
49	15.389	2028	2032	2037	rVV4	16322	27950	0.62%	0.046%
50	15.442	2037	2041	2046	rVV2	12666	18774	0.41%	0.031%
51	15.501	2046	2051	2059	rVV2	25656	47661	1.05%	0.079%
52	15.572	2059	2063	2069	rVB3	14201	19828	0.44%	0.033%
53	15.731	2086	2090	2095	rVB5	5006	7870	0.17%	0.013%
54	15.789	2095	2100	2103	rBV	26113	35741	0.79%	0.059%
55	15.831	2103	2107	2112	rVB	151682	188614	4.17%	0.312%
56	15.889	2112	2117	2121	rBV5	9564	16922	0.37%	0.028%
57	15.942	2122	2126	2132	rVB5	7216	14664	0.32%	0.024%
58	16.019	2132	2139	2146	rBV	2825850	4154558	91.83%	6.883%
59	16.137	2153	2159	2167	rBV	789880	1119152	24.74%	1.854%
60	16.236	2169	2176	2178	rBV	33906	69601	1.54%	0.115%
61	16.331	2188	2192	2197	rVB4	11409	15943	0.35%	0.026%
62	16.384	2197	2201	2204	rBV2	13800	18862	0.42%	0.031%
63	16.454	2209	2213	2216	rBV2	18015	23858	0.53%	0.040%
64	16.642	2241	2245	2248	rBV3	9016	14784	0.33%	0.024%
65	16.684	2248	2252	2261	rVV	120957	191496	4.23%	0.317%
66	16.872	2282	2284	2289	rVB	9974	11825	0.26%	0.020%
67	16.972	2294	2301	2306	rBV2	34538	54190	1.20%	0.090%
68	17.025	2306	2310	2317	rVV7	10382	26534	0.59%	0.044%
69	17.084	2317	2320	2323	rVV3	11325	14591	0.32%	0.024%
70	17.119	2323	2326	2334	rVB3	17032	30338	0.67%	0.050%
71	17.189	2335	2338	2343	rVB3	12797	16042	0.35%	0.027%

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72	17.254	2346	2349	2352	rVV2	8508	10522	0.23%	0.017%
73	17.301	2354	2357	2360	rVV4	6088	7957	0.18%	0.013%
74	17.348	2363	2365	2371	rVB5	5207	7856	0.17%	0.013%
75	17.472	2382	2386	2390	rBV	63564	77542	1.71%	0.128%
76	17.525	2390	2395	2397	rBV2	15107	20746	0.46%	0.034%
77	17.766	2429	2436	2445	rVB2	1828740	2683667	59.32%	4.446%
78	17.860	2446	2452	2463	rVV2	2872888	4243034	93.78%	7.030%
79	18.007	2473	2477	2484	rVB7	6079	11391	0.25%	0.019%
80	18.119	2488	2496	2502	rBV8	9120	22057	0.49%	0.037%
81	18.207	2506	2511	2517	rVB	21927	27899	0.62%	0.046%
82	18.478	2553	2557	2560	rBV3	9442	14635	0.32%	0.024%
83	18.601	2572	2578	2598	rBV	373959	631018	13.95%	1.045%
84	18.807	2610	2613	2618	rVB4	4795	6699	0.15%	0.011%
85	18.883	2623	2626	2629	rBV2	12369	15743	0.35%	0.026%
86	18.925	2630	2633	2638	rBV2	7117	9160	0.20%	0.015%
87	19.007	2645	2647	2652	rVB5	5232	5385	0.12%	0.009%
88	19.360	2704	2707	2710	rBV2	12548	12425	0.27%	0.021%
89	19.501	2729	2731	2736	rVB6	5661	6555	0.14%	0.011%
90	19.754	2765	2774	2778	rBV	43344	76780	1.70%	0.127%
91	19.848	2786	2790	2800	rBV3	59449	104396	2.31%	0.173%
92	20.007	2813	2817	2821	rVB	29093	40930	0.90%	0.068%
93	20.119	2830	2836	2844	rVB	3430302	4524393	100.00%	7.496%
94	20.589	2911	2916	2920	rBV7	15127	35159	0.78%	0.058%
95	21.548	3074	3079	3091	rBV	433706	855764	18.91%	1.418%
96	21.883	3131	3136	3142	rBV2	1975052	2709381	59.88%	4.489%
97	23.113	3341	3345	3355	rVB	267160	409675	9.05%	0.679%
98	23.536	3413	3417	3422	rVB3	81137	129515	2.86%	0.215%
99	24.213	3521	3532	3541	rVB2	2005781	4406378	97.39%	7.300%
100	24.371	3551	3559	3568	rVB2	1290059	2706229	59.81%	4.483%

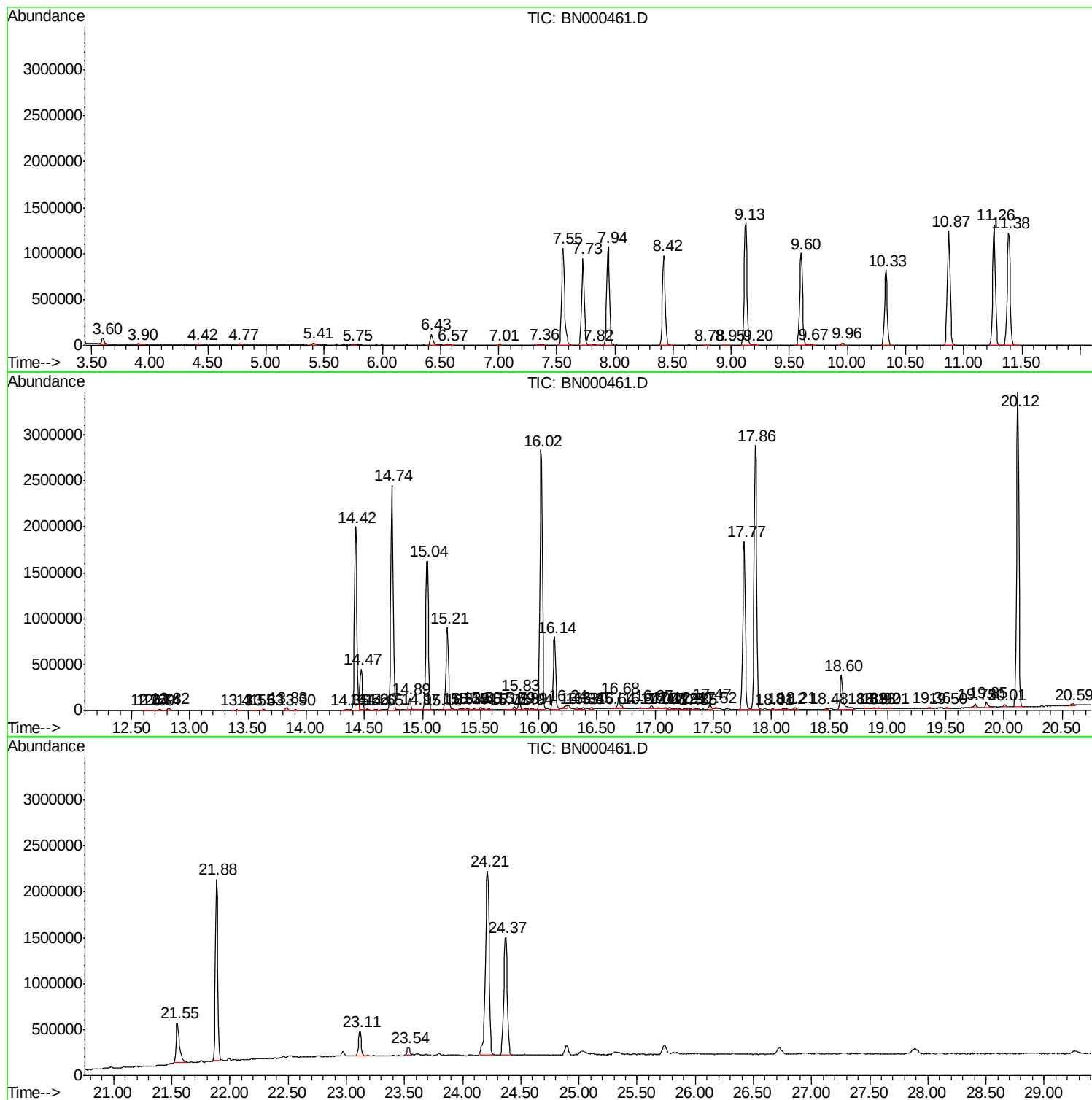
Sum of corrected areas: 60359964

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



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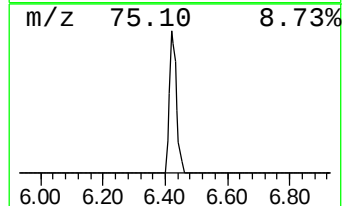
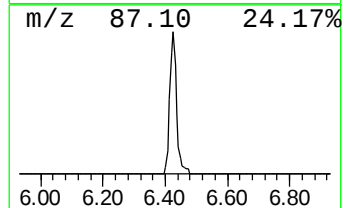
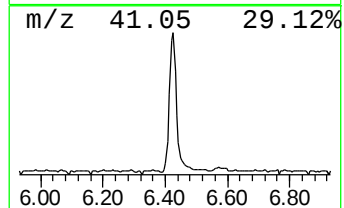
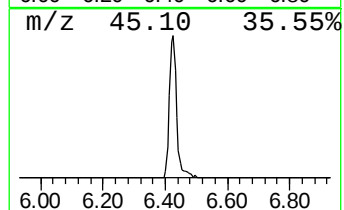
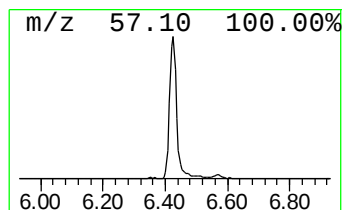
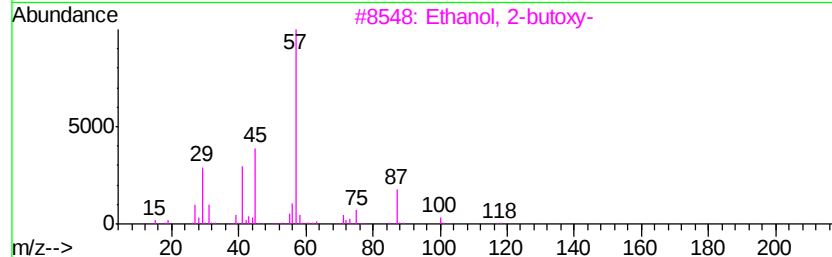
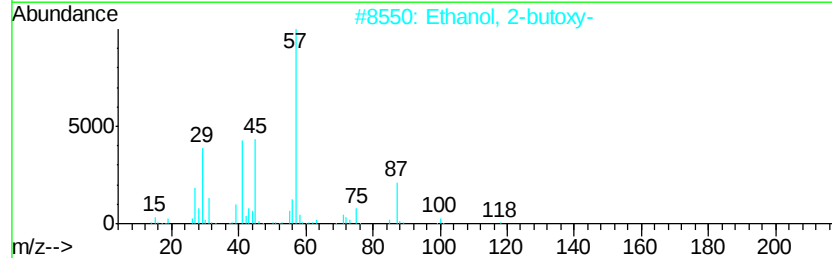
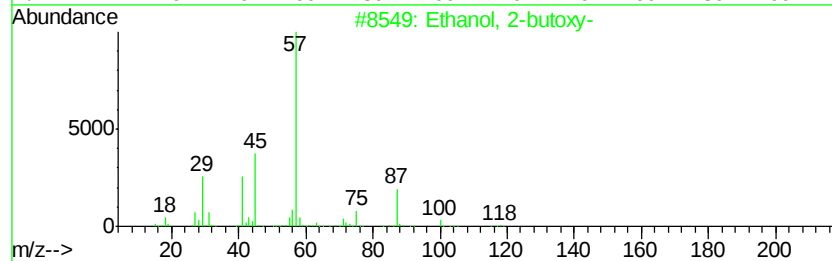
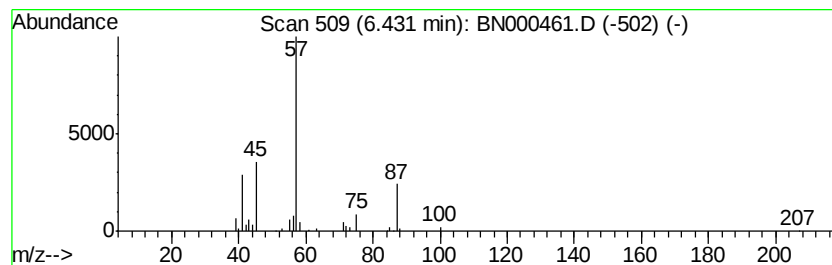
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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.
6.43	2.33 ng/ul	188359	1,4-Dichlorobenzene-d4	8.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
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	40
5		Propanoic acid, 2-hydroxyethyl e...	118	C5H10O3	024567-27-9	38



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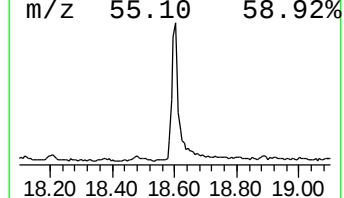
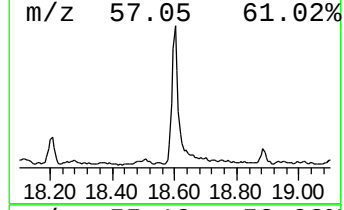
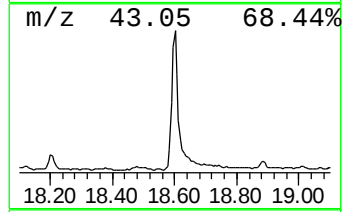
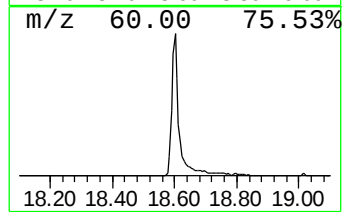
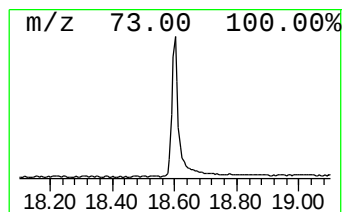
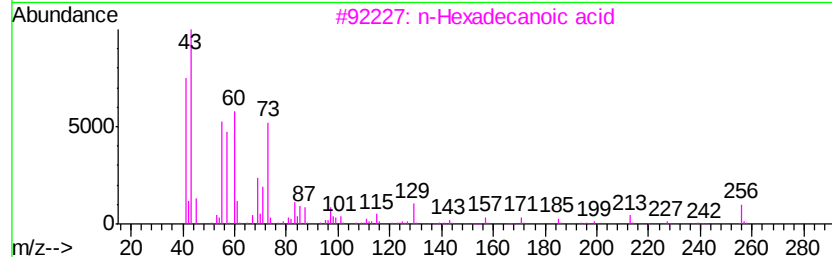
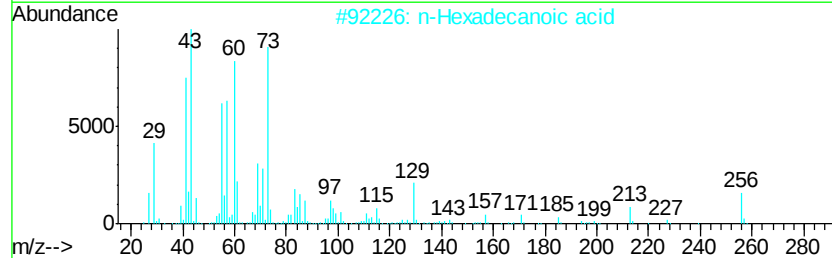
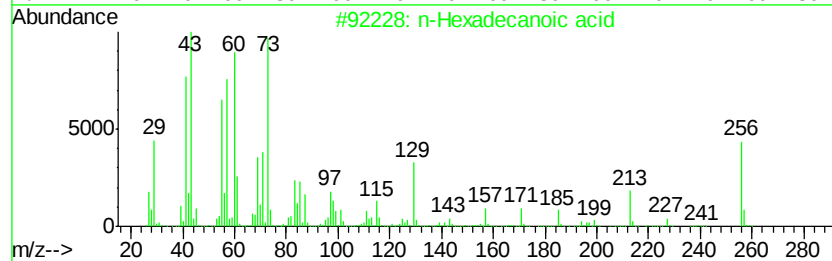
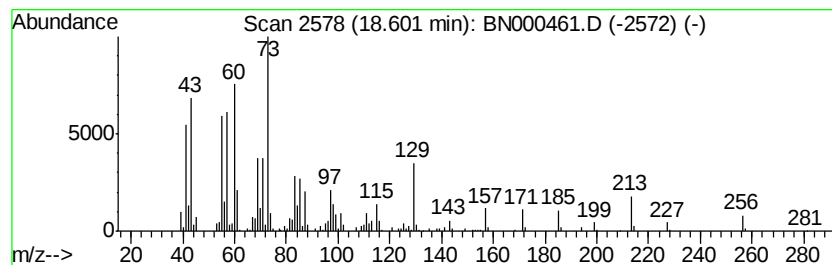
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.70 ng/ul	631018	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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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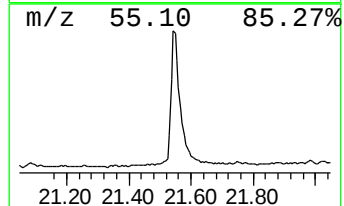
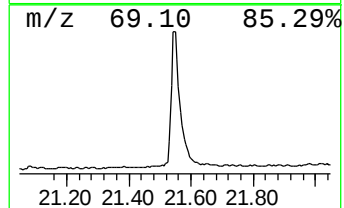
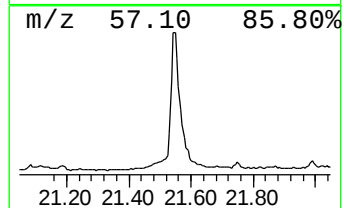
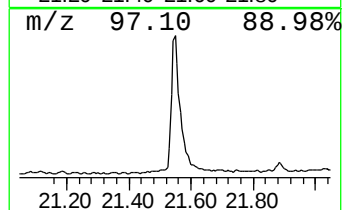
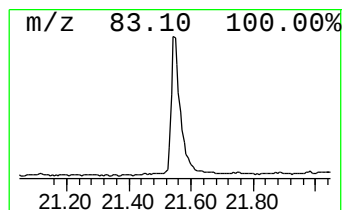
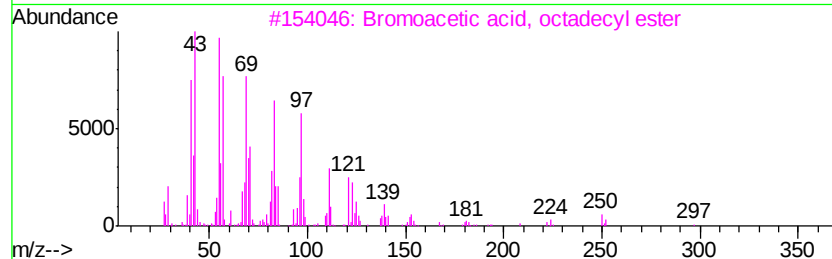
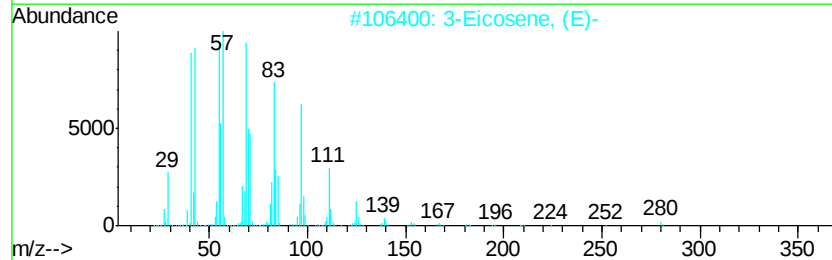
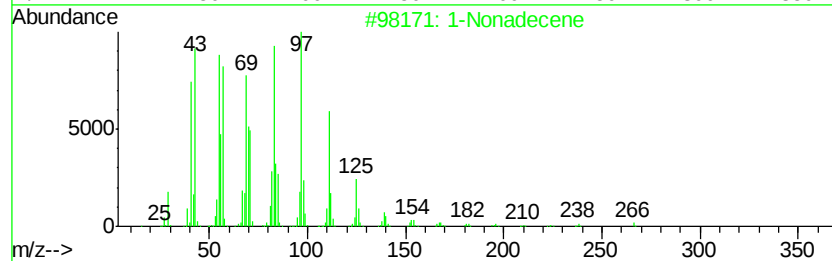
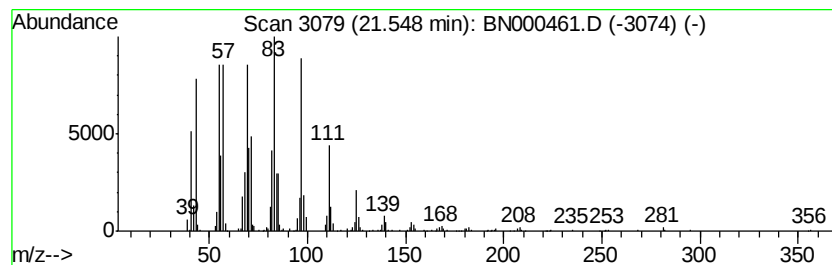
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	6.32 ng/ul	855764	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		1-Hexadecene	224	C16H32	000629-73-2	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000461.D
Acq On : 19 Mar 2018 19:48
Operator : JU/SJ
Sample : J1933-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC0

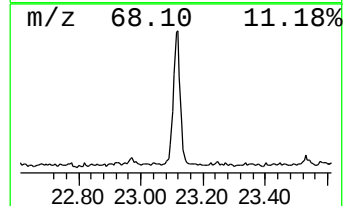
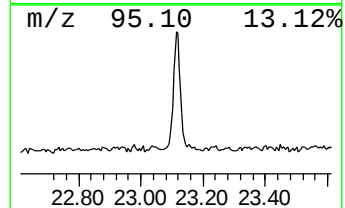
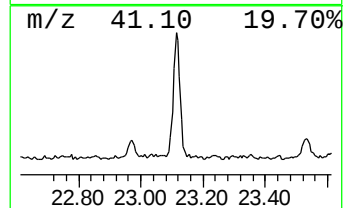
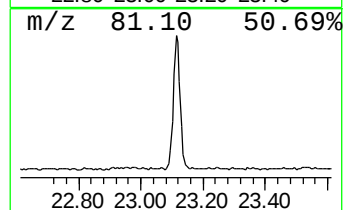
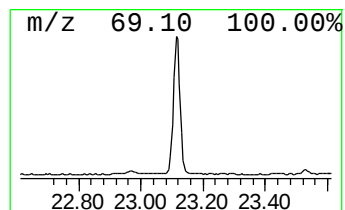
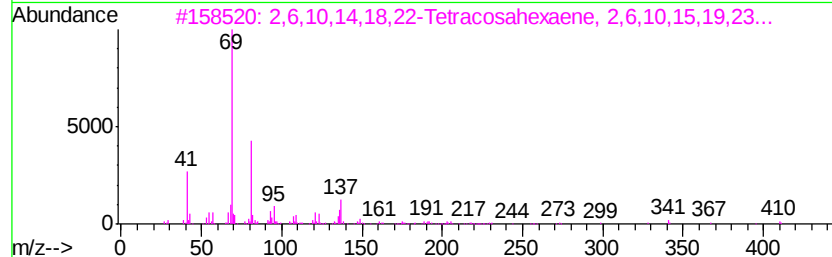
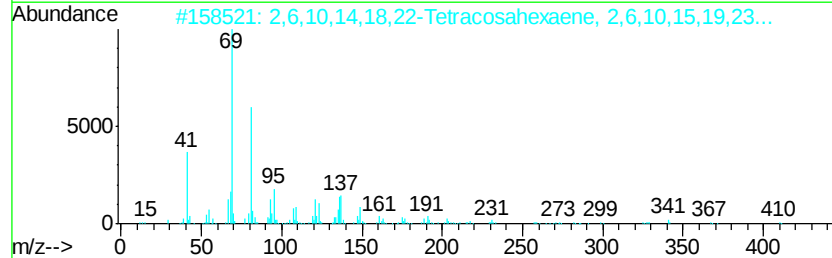
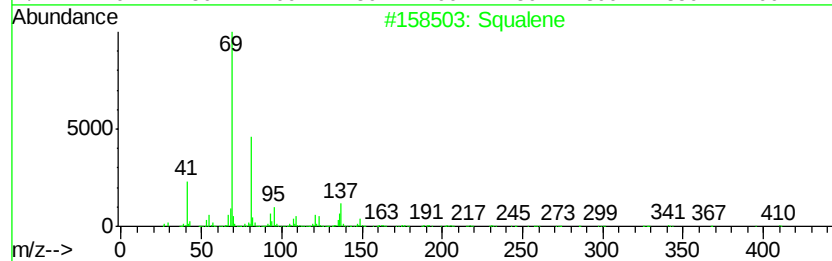
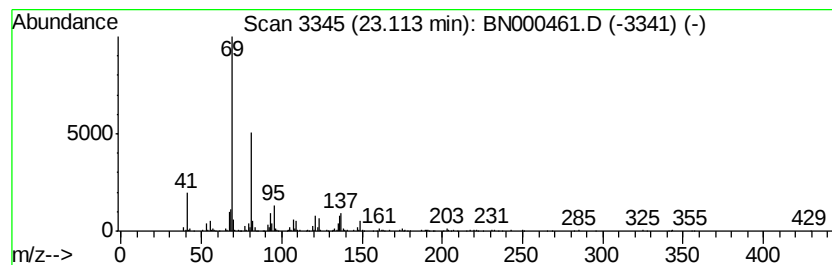
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Quant Title : SVOA CALIBRATION

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	3.02 ng/ul	409675	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	90
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
4		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50



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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	2.3	ng/ul	188359	1	8.42	1613830	20.0
n-Hexadecanoic acid	18.60	4.7	ng/ul	631018	4	17.77	2683670	20.0
(DEL) Alkane: Cyc...	21.55	6.3	ng/ul	855764	5	21.88	2709380	20.0
Squalene	23.11	3.0	ng/ul	409675	5	21.88	2709380	20.0