

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000464.D
 Acq On : 19 Mar 2018 21:32
 Operator : JU/SJ
 Sample : J1933-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED6

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	39	rVB	72742	106818	2.32%	0.171%
2	3.908	76	80	84	rBV3	8077	11806	0.26%	0.019%
3	4.420	164	167	174	rVB	5338	8642	0.19%	0.014%
4	5.414	330	336	340	rBV4	8957	13894	0.30%	0.022%
5	5.755	389	394	403	rBV5	3963	12531	0.27%	0.020%
6	6.425	500	508	521	rBV	135723	220294	4.78%	0.352%
7	6.578	528	534	541	rVB4	7236	16255	0.35%	0.026%
8	7.014	601	608	611	rBV2	4944	8081	0.18%	0.013%
9	7.361	661	667	671	rBV4	6563	12583	0.27%	0.020%
10	7.484	684	688	693	rBV	9700	13607	0.30%	0.022%
11	7.555	693	700	715	rVB2	1144238	2110440	45.79%	3.373%
12	7.725	722	729	737	rBV	1010563	1554912	33.73%	2.485%
13	7.819	741	745	752	rVB2	6930	11566	0.25%	0.018%
14	7.943	758	766	775	rBV	1138104	1885678	40.91%	3.014%
15	8.419	839	847	858	rBV	994228	1607902	34.88%	2.570%
16	9.119	959	966	976	rBV	1422558	2436926	52.87%	3.895%
17	9.602	1040	1048	1056	rBV	1068944	1796759	38.98%	2.872%
18	9.678	1056	1061	1066	rVV	17539	31350	0.68%	0.050%
19	9.743	1066	1072	1076	rVB5	4657	8062	0.17%	0.013%
20	9.955	1101	1108	1113	rBV	33327	48976	1.06%	0.078%
21	10.331	1164	1172	1180	rBV	857808	1472885	31.95%	2.354%
22	10.872	1253	1264	1273	rBV	1321330	2275563	49.37%	3.637%
23	11.025	1281	1290	1293	rVB7	3896	8134	0.18%	0.013%
24	11.260	1322	1330	1340	rBV	1335409	2271190	49.27%	3.630%
25	11.384	1344	1351	1364	rBV	1325533	2293906	49.77%	3.666%
26	12.625	1558	1562	1567	rVB3	4954	8483	0.18%	0.014%
27	12.690	1567	1573	1579	rBV	11794	19965	0.43%	0.032%
28	12.819	1588	1595	1600	rBV	23664	34957	0.76%	0.056%
29	13.396	1688	1693	1702	rBV4	6241	15702	0.34%	0.025%
30	13.631	1729	1733	1738	rBV2	11369	17621	0.38%	0.028%
31	13.831	1761	1767	1774	rBV	37714	55360	1.20%	0.088%
32	13.901	1774	1779	1786	rBV6	10123	20444	0.44%	0.033%
33	14.354	1850	1856	1859	rBV4	6291	11789	0.26%	0.019%
34	14.425	1859	1868	1873	rVV	2172735	3082057	66.86%	4.926%

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35	14.472	1873	1876	1881	rVV	567992	731208	15.86%	1.169%
36	14.519	1881	1884	1893	rVB3	16388	25304	0.55%	0.040%
37	14.595	1893	1897	1902	rVB	12446	15906	0.35%	0.025%
38	14.660	1902	1908	1910	rBV4	9827	19911	0.43%	0.032%
39	14.737	1915	1921	1933	rVV	2638181	3976853	86.28%	6.356%
40	14.890	1942	1947	1956	rVV	159585	203054	4.41%	0.325%
41	14.966	1956	1960	1965	rVV4	12369	24426	0.53%	0.039%
42	15.043	1965	1973	1980	rVV2	1698015	2675171	58.04%	4.275%
43	15.101	1980	1983	1989	rVB4	4588	7955	0.17%	0.013%
44	15.213	1995	2002	2014	rBV	946940	1438727	31.21%	2.299%
45	15.331	2018	2022	2028	rVV3	16865	39101	0.85%	0.062%
46	15.384	2028	2031	2036	rVV3	21014	33198	0.72%	0.053%
47	15.442	2037	2041	2046	rVB2	16578	23976	0.52%	0.038%
48	15.501	2046	2051	2059	rBV3	34843	62209	1.35%	0.099%
49	15.572	2059	2063	2067	rVB2	19141	24491	0.53%	0.039%
50	15.790	2094	2100	2103	rBV	51542	72285	1.57%	0.116%
51	15.831	2103	2107	2112	rVB	206373	249530	5.41%	0.399%
52	15.895	2113	2118	2121	rBV6	10288	18144	0.39%	0.029%
53	15.942	2122	2126	2132	rVB6	9895	18506	0.40%	0.030%
54	16.019	2132	2139	2146	rBV	3119955	4494892	97.52%	7.184%
55	16.131	2153	2158	2167	rBV	855611	1186771	25.75%	1.897%
56	16.237	2169	2176	2178	rBV	45564	97883	2.12%	0.156%
57	16.331	2188	2192	2197	rVB3	16887	25090	0.54%	0.040%
58	16.384	2197	2201	2205	rBV	21468	34412	0.75%	0.055%
59	16.454	2209	2213	2220	rVB2	25646	34751	0.75%	0.056%
60	16.642	2241	2245	2248	rBV4	14578	23956	0.52%	0.038%
61	16.684	2248	2252	2262	rVV	159627	271205	5.88%	0.433%
62	16.872	2282	2284	2290	rVB2	14773	18361	0.40%	0.029%
63	16.972	2294	2301	2305	rBV	53652	84642	1.84%	0.135%
64	17.031	2307	2311	2317	rVV3	16927	37227	0.81%	0.059%
65	17.084	2317	2320	2323	rVV3	16271	20110	0.44%	0.032%
66	17.125	2323	2327	2334	rVB2	27295	50859	1.10%	0.081%
67	17.189	2334	2338	2346	rBV2	19836	30376	0.66%	0.049%
68	17.254	2346	2349	2353	rVV2	13532	16041	0.35%	0.026%
69	17.301	2354	2357	2361	rVV2	6678	9408	0.20%	0.015%
70	17.360	2364	2367	2372	rVB4	6852	8723	0.19%	0.014%
71	17.472	2381	2386	2391	rBV	87342	104806	2.27%	0.167%

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72	17.525	2391	2395	2398	rBV3	18808	28695	0.62%	0.046%
73	17.625	2408	2412	2417	rBV6	8470	11428	0.25%	0.018%
74	17.766	2429	2436	2446	rVV2	1832638	2770311	60.10%	4.427%
75	17.860	2446	2452	2462	rVV2	3078428	4502091	97.67%	7.195%
76	17.942	2464	2466	2474	rVB6	8831	16445	0.36%	0.026%
77	18.007	2474	2477	2484	rBV5	8799	19324	0.42%	0.031%
78	18.207	2506	2511	2514	rBV	31249	38187	0.83%	0.061%
79	18.378	2536	2540	2547	rVB3	20726	28914	0.63%	0.046%
80	18.478	2554	2557	2559	rBV3	8143	9934	0.22%	0.016%
81	18.601	2573	2578	2589	rBV	280277	452911	9.83%	0.724%
82	18.883	2623	2626	2630	rBV	23156	27426	0.60%	0.044%
83	18.925	2630	2633	2637	rVV3	10321	12900	0.28%	0.021%
84	19.101	2660	2663	2666	rBV3	5596	8515	0.18%	0.014%
85	19.360	2704	2707	2710	rVB	19874	19779	0.43%	0.032%
86	19.501	2728	2731	2733	rBV2	17716	20571	0.45%	0.033%
87	19.525	2733	2735	2738	rVB4	13122	13648	0.30%	0.022%
88	19.713	2763	2767	2769	rBV3	24765	35117	0.76%	0.056%
89	19.754	2772	2774	2778	rVB	45455	53256	1.16%	0.085%
90	19.848	2786	2790	2800	rBV	64945	122145	2.65%	0.195%
91	20.007	2814	2817	2821	rVB	38466	46965	1.02%	0.075%
92	20.119	2830	2836	2845	rVB	3301257	4609387	100.00%	7.367%
93	21.077	2997	2999	3003	rBV2	21241	20493	0.44%	0.033%
94	21.548	3075	3079	3089	rVB	134460	267703	5.81%	0.428%
95	21.883	3131	3136	3143	rBV2	1865254	2487796	53.97%	3.976%
96	23.119	3342	3346	3354	rVB	147004	226770	4.92%	0.362%
97	23.530	3412	3416	3422	rBV2	106300	177136	3.84%	0.283%
98	24.213	3520	3532	3544	rVB2	1884053	4206309	91.26%	6.722%
99	24.371	3551	3559	3569	rVB	1122924	2369185	51.40%	3.786%
100	24.895	3643	3648	3655	rVB	125022	253278	5.49%	0.405%

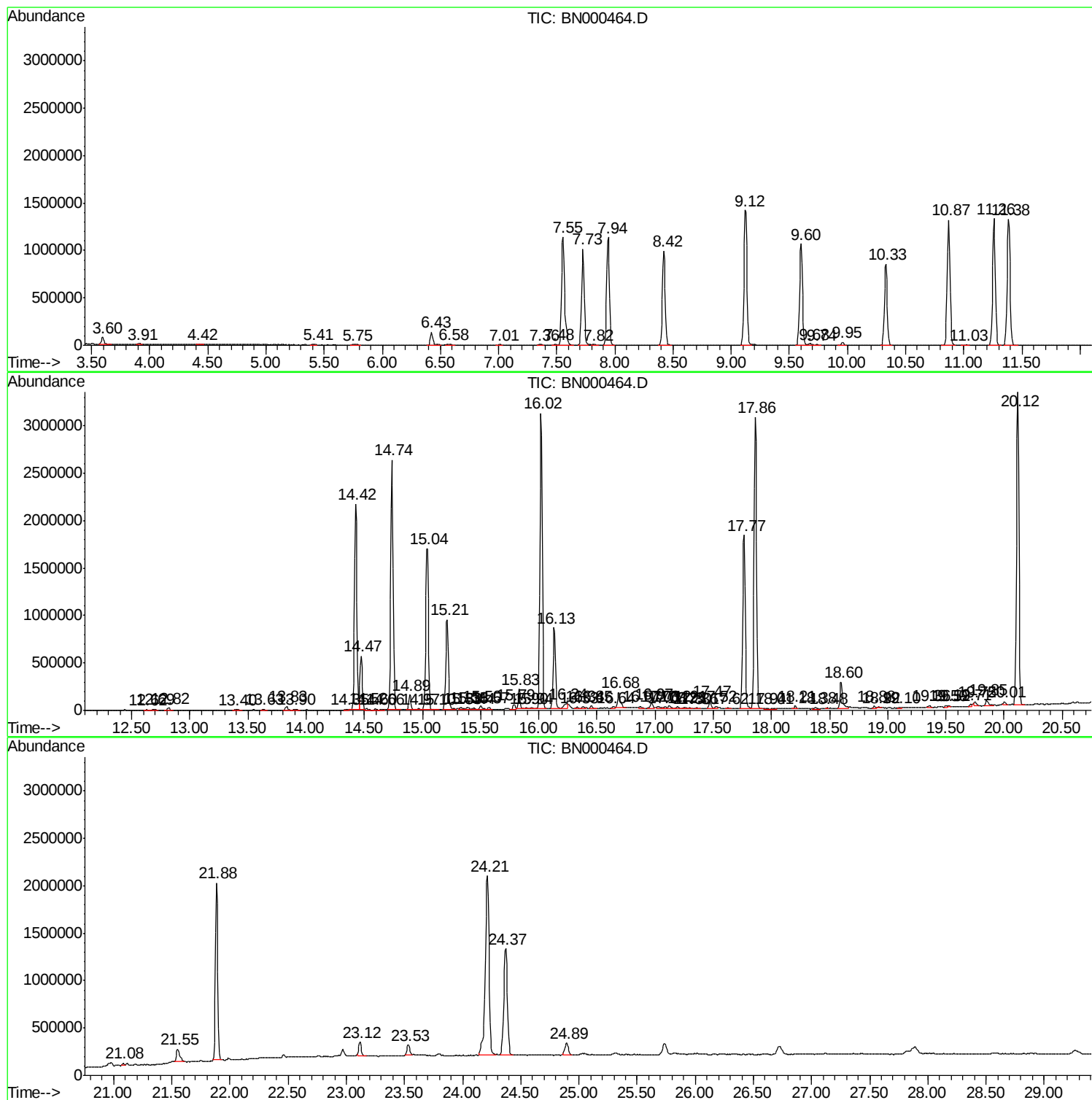
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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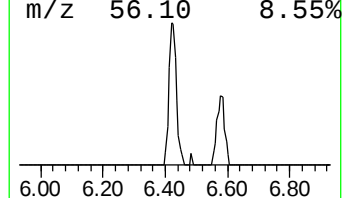
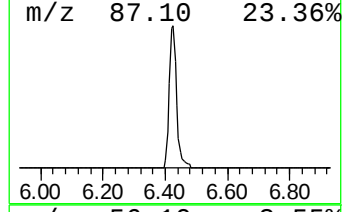
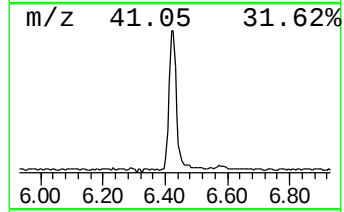
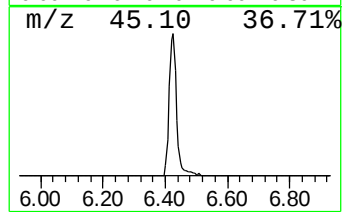
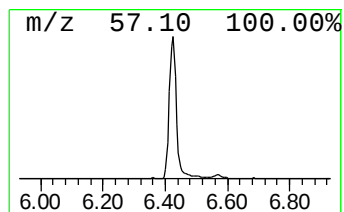
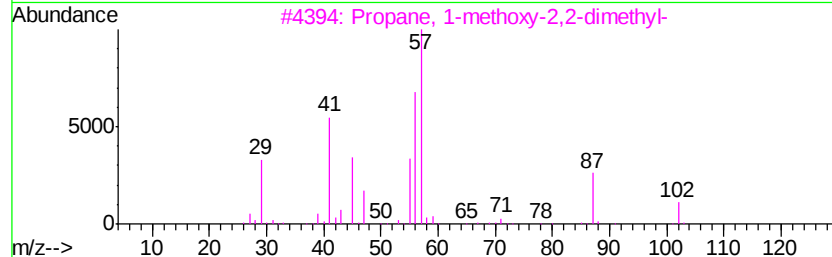
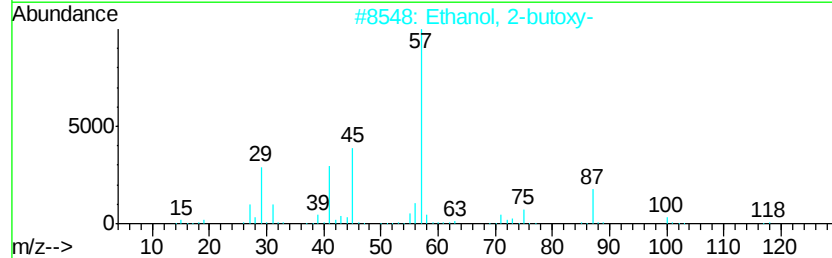
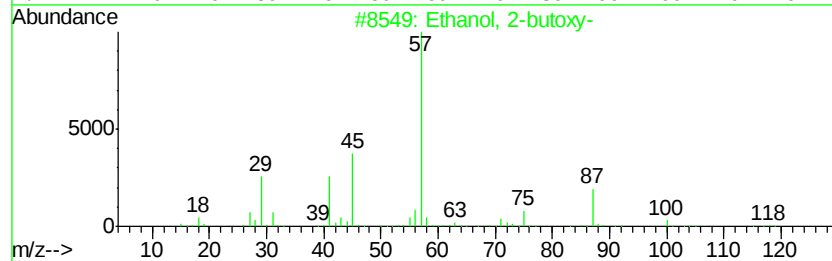
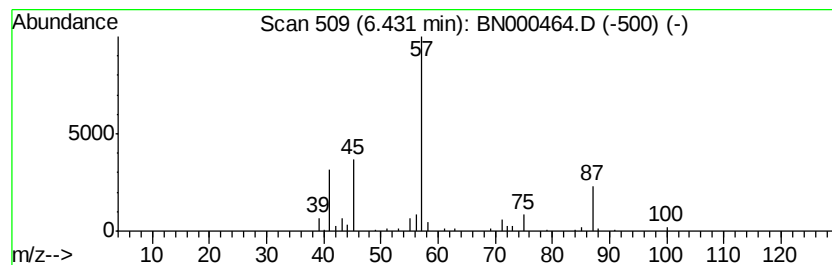
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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	2.74 ng/ul	220294	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	64
3			Propane, 1-methoxy-2,2-dimethyl-	102	C6H14O	001118-00-9	50
4			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	47
5			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43



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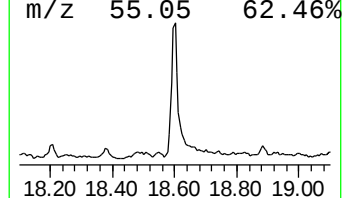
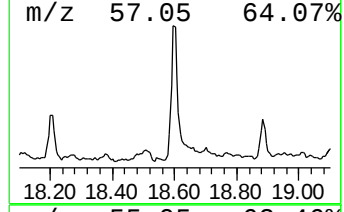
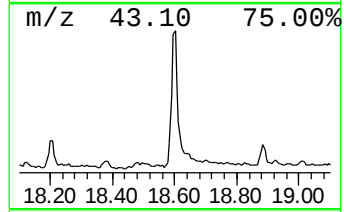
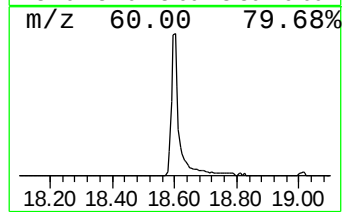
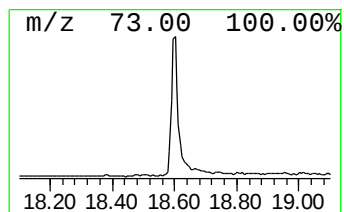
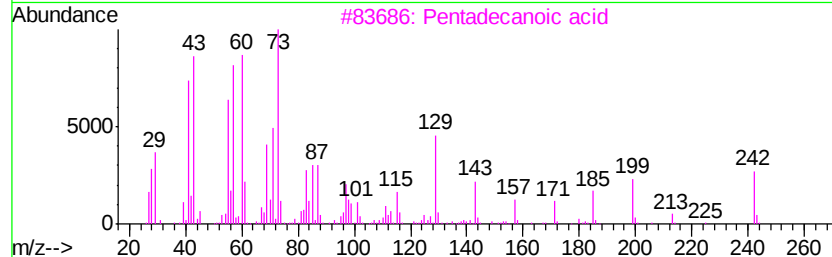
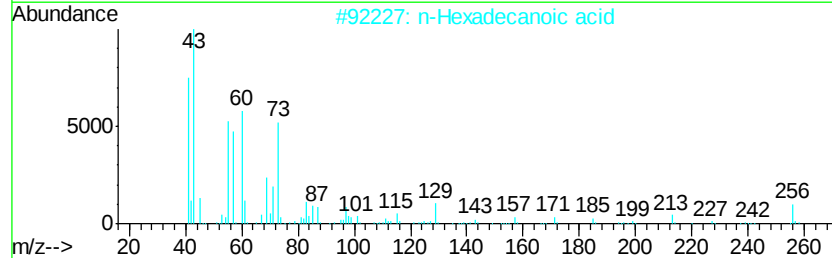
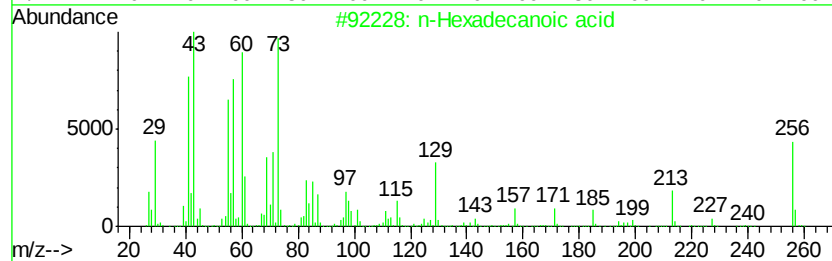
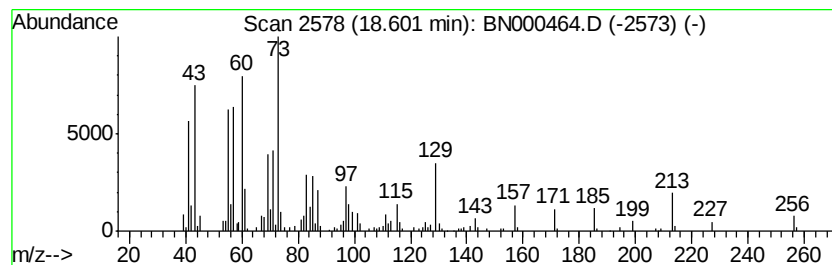
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.27 ng/ul	452911	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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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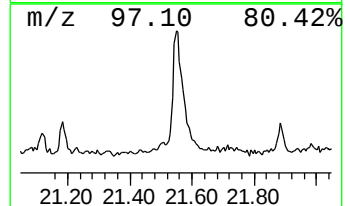
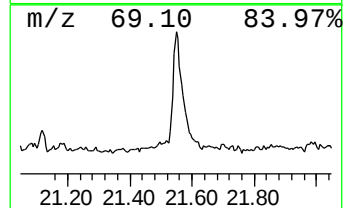
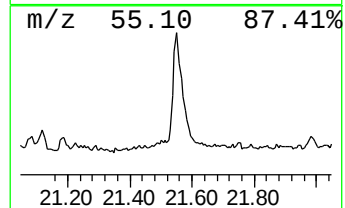
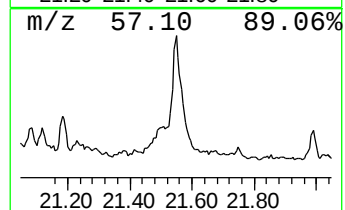
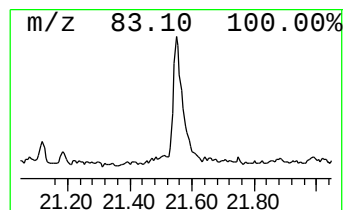
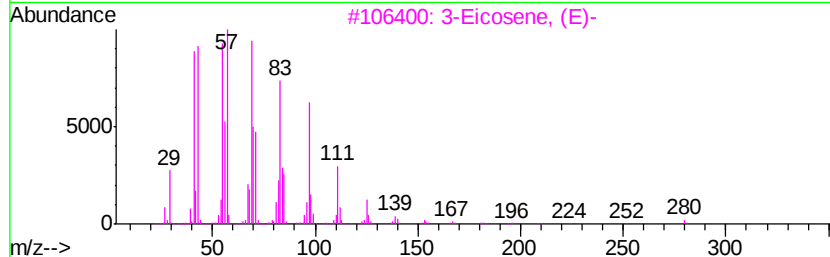
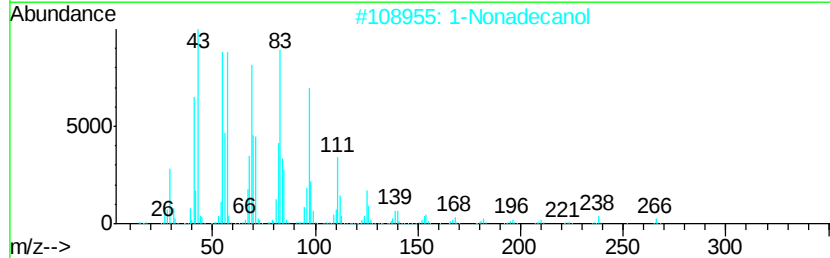
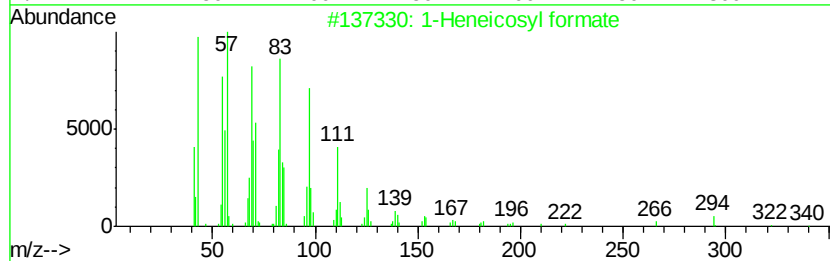
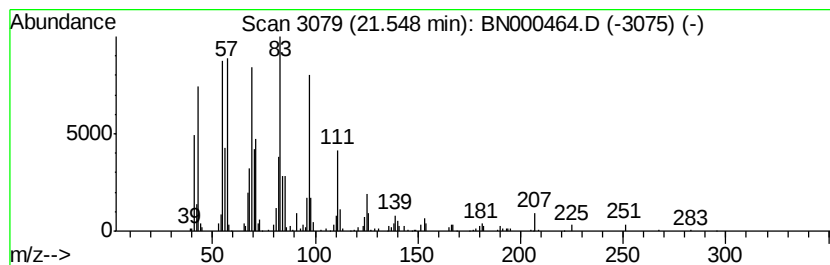
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Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.55	2.15 ng/ul	267703	Chrysene-d12		21.88		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2			1-Nonadecanol	284	C19H40O	001454-84-8	93
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000464.D
Acq On : 19 Mar 2018 21:32
Operator : JU/SJ
Sample : J1933-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED6

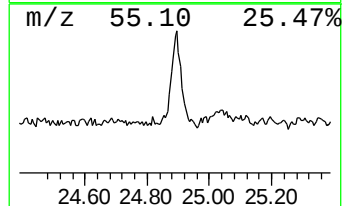
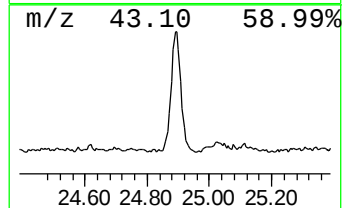
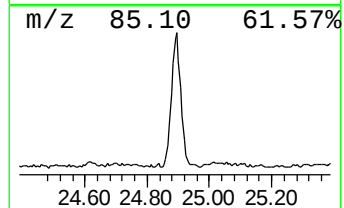
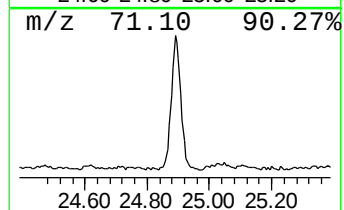
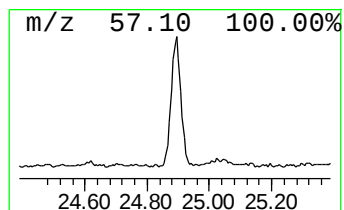
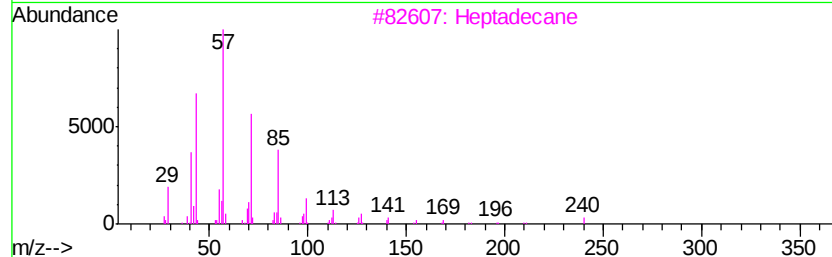
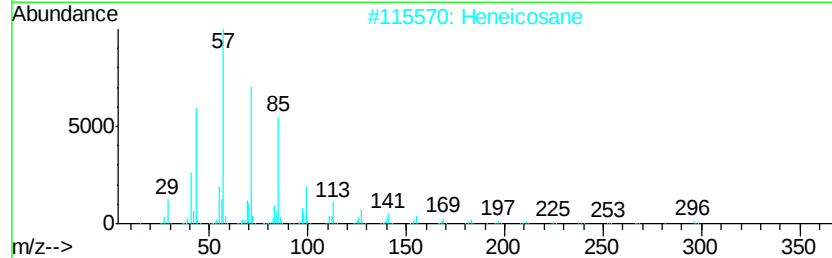
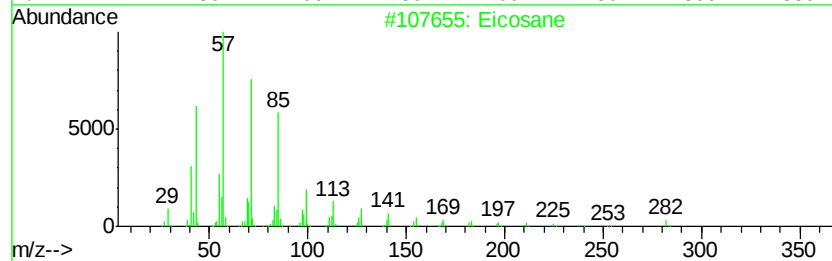
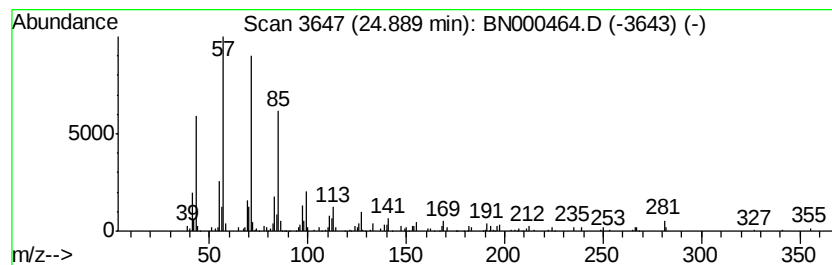
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.14 ng/ul	253278	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
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Sample : J1933-09
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEED6

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	2.7	ng/ul	220294	1	8.42	1607900	20.0
n-Hexadecanoic acid	18.60	3.3	ng/ul	452911	4	17.77	2770310	20.0
1-Heneicosyl formate	21.55	2.1	ng/ul	267703	5	21.88	2487800	20.0
(DEL) Alkane: Str...	24.89	2.1	ng/ul	253278	6	24.37	2369190	20.0