

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000465.D
 Acq On : 19 Mar 2018 22:07
 Operator : JU/SJ
 Sample : J1933-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED7

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	61944	92122	2.13%	0.157%
2	3.914	77	81	88	rVB	7868	14008	0.32%	0.024%
3	4.419	163	167	171	rVB2	5759	7910	0.18%	0.013%
4	5.419	331	337	341	rVB2	5764	10197	0.24%	0.017%
5	6.425	502	508	519	rBV	117185	182463	4.22%	0.310%
6	6.572	526	533	540	rVB4	5915	14403	0.33%	0.024%
7	7.360	660	667	675	rBV3	6608	17007	0.39%	0.029%
8	7.490	682	689	692	rBV2	5761	10349	0.24%	0.018%
9	7.555	692	700	712	rVV	1014450	1815788	42.00%	3.086%
10	7.725	720	729	740	rBV	893802	1400296	32.39%	2.380%
11	7.819	740	745	751	rVB3	8812	16372	0.38%	0.028%
12	7.943	758	766	775	rBV	1019197	1694549	39.19%	2.880%
13	8.419	839	847	861	rVB	922687	1500980	34.72%	2.551%
14	9.119	959	966	976	rBV	1280424	2160737	49.97%	3.673%
15	9.602	1040	1048	1056	rBV	939447	1600187	37.01%	2.720%
16	9.672	1056	1060	1068	rVV4	12077	26837	0.62%	0.046%
17	9.960	1102	1109	1114	rBV	28203	41012	0.95%	0.070%
18	10.331	1161	1172	1180	rBV	765198	1308575	30.27%	2.224%
19	10.866	1256	1263	1277	rBV	1205369	2039899	47.18%	3.467%
20	11.013	1281	1288	1296	rVB7	3526	8594	0.20%	0.015%
21	11.260	1322	1330	1338	rVB	1222455	2049158	47.39%	3.483%
22	11.384	1343	1351	1362	rBV	1171197	1964235	45.43%	3.339%
23	12.631	1557	1563	1569	rVB6	4187	8380	0.19%	0.014%
24	12.690	1569	1573	1578	rBV2	8042	11935	0.28%	0.020%
25	12.819	1587	1595	1601	rBV	19887	31105	0.72%	0.053%
26	13.395	1687	1693	1702	rVB5	6218	17190	0.40%	0.029%
27	13.495	1702	1710	1713	rBV4	3617	6394	0.15%	0.011%
28	13.548	1715	1719	1724	rVV3	4575	6691	0.15%	0.011%
29	13.631	1729	1733	1741	rVB2	11143	17824	0.41%	0.030%
30	13.831	1760	1767	1774	rBV	43425	62158	1.44%	0.106%
31	13.901	1774	1779	1787	rBV3	8469	16957	0.39%	0.029%
32	14.354	1848	1856	1859	rBV3	5857	12477	0.29%	0.021%
33	14.425	1859	1868	1872	rVV	1938262	2697397	62.39%	4.585%
34	14.472	1872	1876	1881	rVV	451559	634419	14.67%	1.078%

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35	14.519	1881	1884	1890	rVB	16360	23835	0.55%	0.041%
36	14.595	1893	1897	1901	rBV2	11406	15801	0.37%	0.027%
37	14.678	1901	1911	1915	rBV7	9174	26380	0.61%	0.045%
38	14.737	1915	1921	1932	rVB	2405311	3522275	81.46%	5.987%
39	14.890	1942	1947	1956	rVB	156801	200643	4.64%	0.341%
40	14.966	1956	1960	1964	rBV4	11484	21066	0.49%	0.036%
41	15.037	1965	1972	1980	rVV2	1509899	2332008	53.94%	3.964%
42	15.101	1980	1983	1987	rVB5	4659	6188	0.14%	0.011%
43	15.207	1995	2001	2015	rVV	821809	1289460	29.82%	2.192%
44	15.331	2017	2022	2028	rVV4	17880	44005	1.02%	0.075%
45	15.384	2028	2031	2037	rVV2	22447	37324	0.86%	0.063%
46	15.442	2037	2041	2045	rVV2	16848	25424	0.59%	0.043%
47	15.501	2047	2051	2055	rVV	34793	53796	1.24%	0.091%
48	15.572	2059	2063	2068	rVB4	18769	26077	0.60%	0.044%
49	15.725	2085	2089	2094	rBV6	6398	13137	0.30%	0.022%
50	15.789	2095	2100	2103	rVV	33536	48210	1.12%	0.082%
51	15.831	2103	2107	2112	rVV	197012	249660	5.77%	0.424%
52	15.889	2113	2117	2121	rVV3	12752	23010	0.53%	0.039%
53	15.937	2121	2125	2132	rVV5	11949	23757	0.55%	0.040%
54	16.019	2132	2139	2146	rVV	2792352	3995496	92.41%	6.791%
55	16.066	2146	2147	2153	rVB5	8213	9711	0.22%	0.017%
56	16.131	2153	2158	2168	rBV	777561	1058842	24.49%	1.800%
57	16.236	2168	2176	2188	rVV2	50973	162583	3.76%	0.276%
58	16.331	2188	2192	2197	rVB4	13468	19953	0.46%	0.034%
59	16.384	2197	2201	2209	rBV4	19778	33439	0.77%	0.057%
60	16.454	2209	2213	2217	rBV2	24689	31277	0.72%	0.053%
61	16.642	2240	2245	2248	rBV	16521	27966	0.65%	0.048%
62	16.684	2248	2252	2261	rVB	155858	252242	5.83%	0.429%
63	16.972	2294	2301	2306	rBV	53327	89218	2.06%	0.152%
64	17.031	2306	2311	2317	rVV7	16325	41102	0.95%	0.070%
65	17.084	2318	2320	2323	rVV2	15912	18750	0.43%	0.032%
66	17.119	2323	2326	2333	rVB2	28337	49953	1.16%	0.085%
67	17.189	2334	2338	2345	rBV2	20681	28331	0.66%	0.048%
68	17.254	2346	2349	2353	rVV3	12523	17015	0.39%	0.029%
69	17.301	2355	2357	2361	rVV4	8484	8667	0.20%	0.015%
70	17.354	2363	2366	2370	rVB5	8402	10730	0.25%	0.018%
71	17.472	2382	2386	2391	rBV	78255	92646	2.14%	0.157%

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72	17.525	2391	2395	2398	rBV2	16445	23363	0.54%	0.040%
73	17.631	2408	2413	2415	rBV4	8571	13103	0.30%	0.022%
74	17.766	2429	2436	2446	rVV	1627832	2427734	56.15%	4.126%
75	17.860	2446	2452	2463	rVB2	2821915	4066402	94.05%	6.912%
76	18.007	2474	2477	2485	rVB4	6565	13058	0.30%	0.022%
77	18.207	2506	2511	2514	rBV	28309	32920	0.76%	0.056%
78	18.378	2536	2540	2547	rVB2	14293	17969	0.42%	0.031%
79	18.478	2553	2557	2559	rBV3	10102	13792	0.32%	0.023%
80	18.601	2572	2578	2600	rBV	519323	883501	20.43%	1.502%
81	18.883	2623	2626	2630	rBV	18574	20217	0.47%	0.034%
82	18.919	2630	2632	2636	rVV	10567	11616	0.27%	0.020%
83	19.360	2704	2707	2711	rVB	16364	18687	0.43%	0.032%
84	19.454	2718	2723	2728	rBV5	10173	19661	0.45%	0.033%
85	19.501	2728	2731	2734	rBV4	11864	15112	0.35%	0.026%
86	19.713	2763	2767	2768	rBV3	19019	21709	0.50%	0.037%
87	19.754	2769	2774	2780	rVB	43123	78432	1.81%	0.133%
88	19.848	2786	2790	2805	rBV	120389	209770	4.85%	0.357%
89	20.007	2811	2817	2821	rVB2	38372	58218	1.35%	0.099%
90	20.119	2829	2836	2842	rBV	3165045	4316198	99.83%	7.336%
91	20.977	2976	2982	2987	rBV3	46576	86261	2.00%	0.147%
92	21.083	2997	3000	3003	rBV2	24915	30443	0.70%	0.052%
93	21.119	3003	3006	3010	rVB3	31558	35185	0.81%	0.060%
94	21.542	3074	3078	3093	rBV	583950	1076697	24.90%	1.830%
95	21.883	3131	3136	3142	rBV2	1777957	2394633	55.38%	4.070%
96	23.113	3341	3345	3352	rVB	222203	343718	7.95%	0.584%
97	23.530	3412	3416	3425	rBV3	106065	185698	4.29%	0.316%
98	24.213	3520	3532	3545	rVB2	2043288	4323708	100.00%	7.349%
99	24.365	3551	3558	3569	rVB2	1108151	2401393	55.54%	4.082%
100	24.895	3643	3648	3656	rVB	126823	266245	6.16%	0.453%

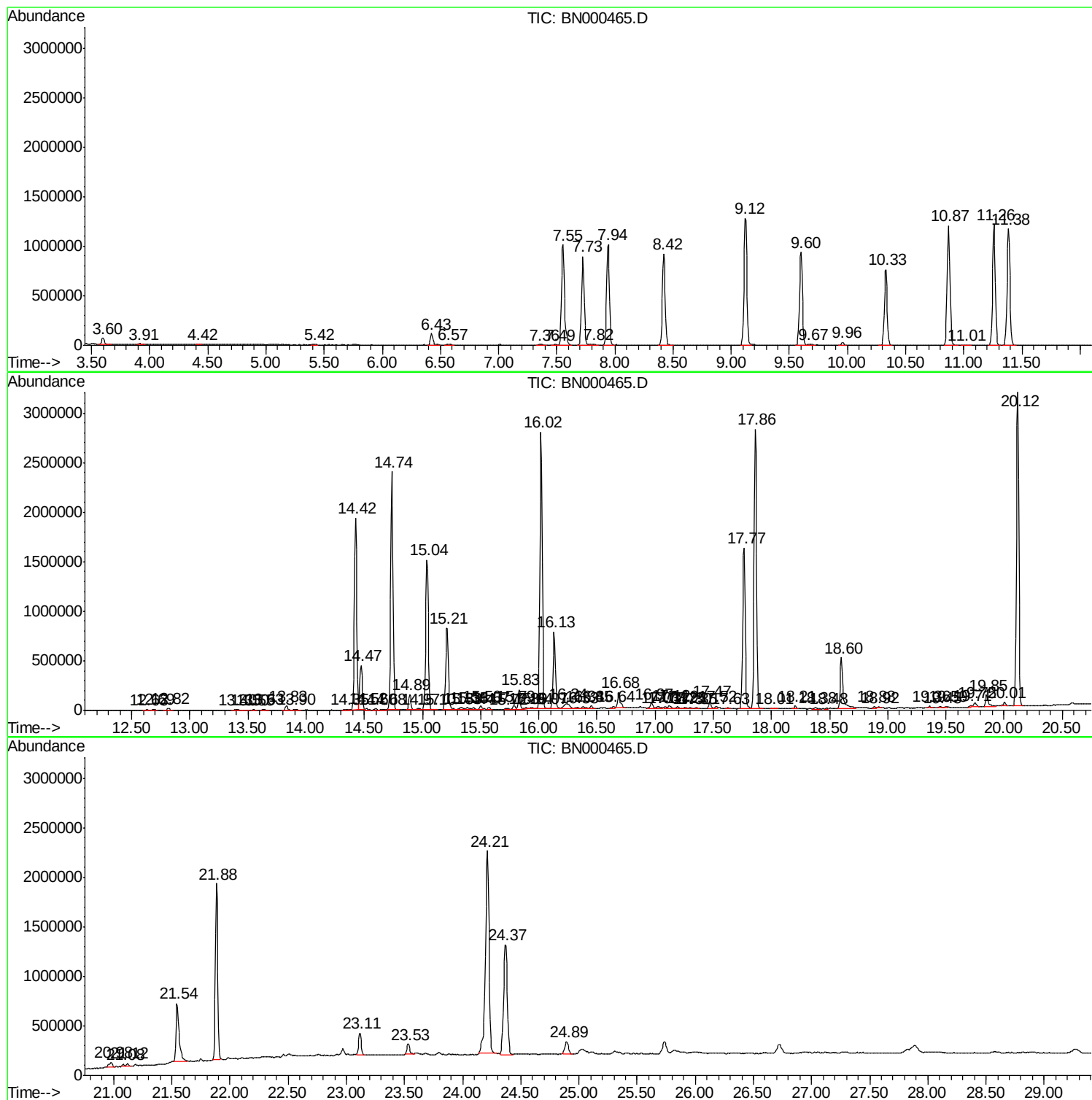
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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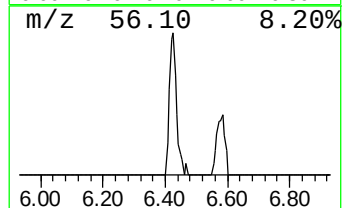
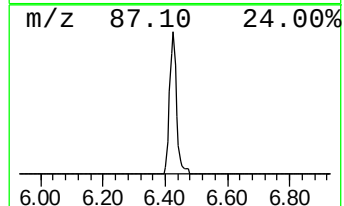
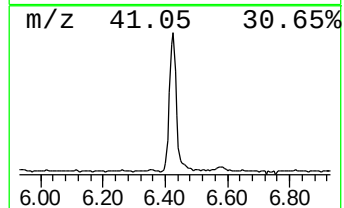
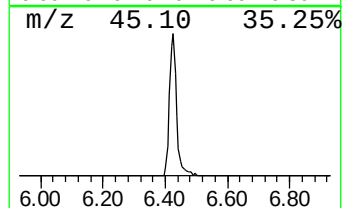
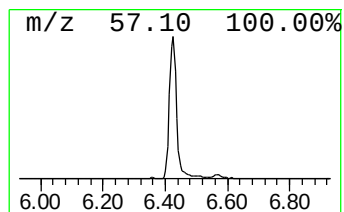
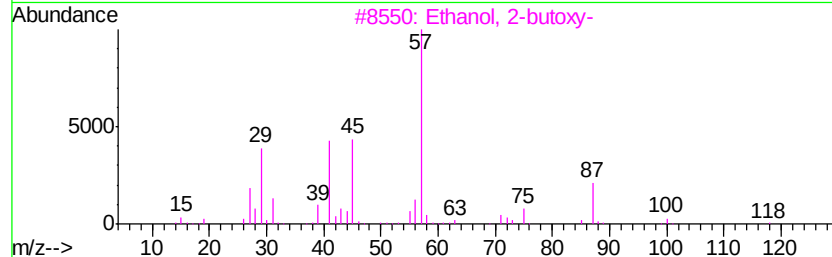
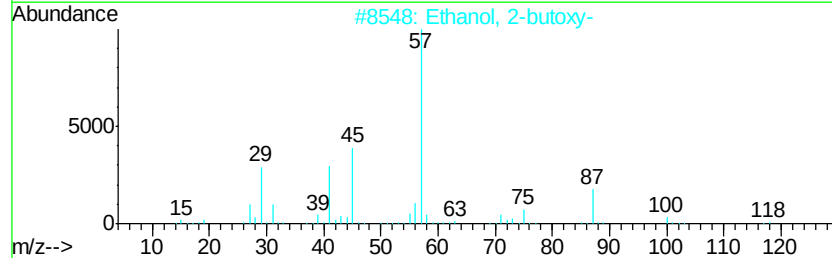
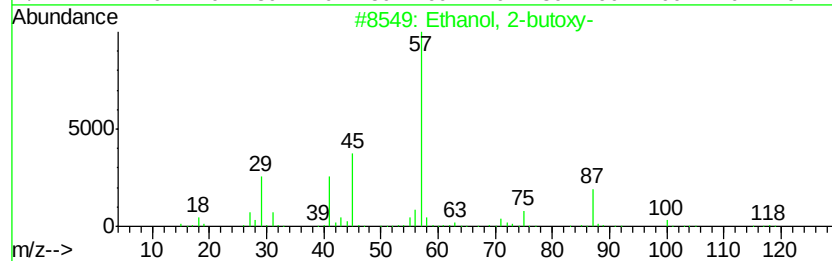
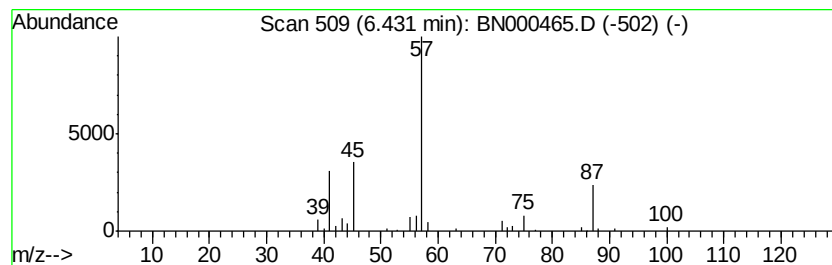
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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	2.43 ng/ul	182463	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		Ethanol, 2-butoxy-	118 C6H14O2	000111-76-2 56
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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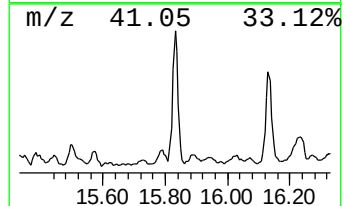
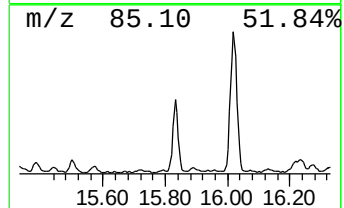
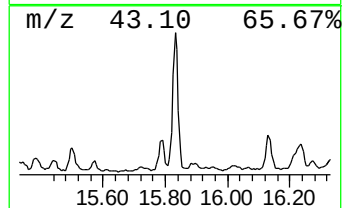
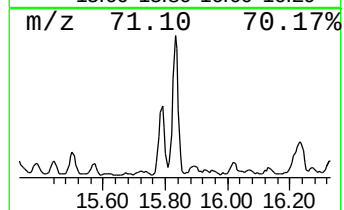
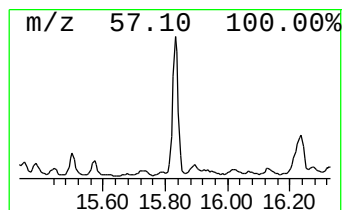
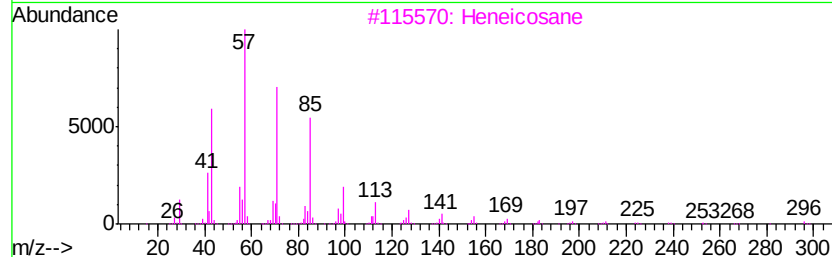
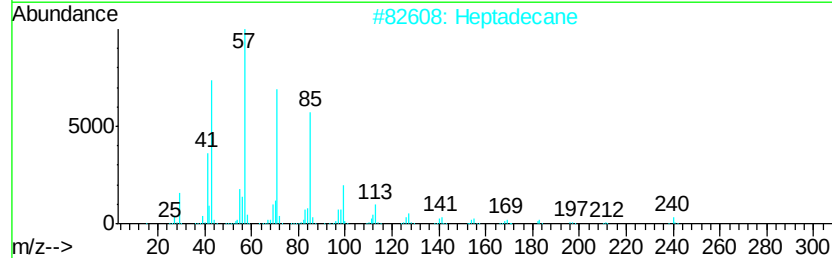
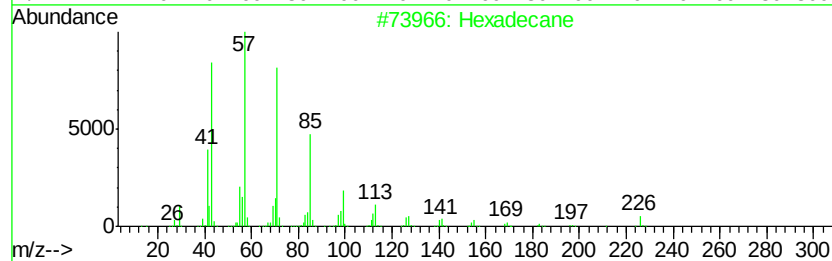
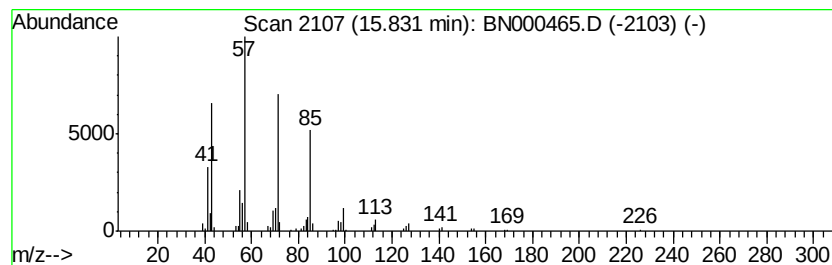
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.14 ng/ul	249660	Acenaphthene-d10	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



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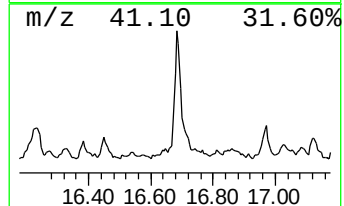
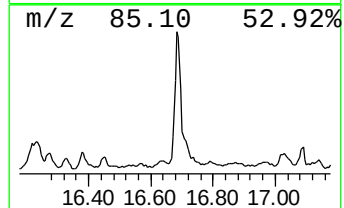
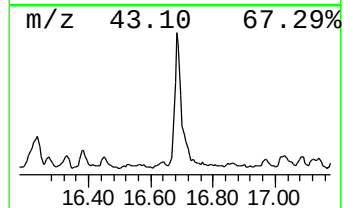
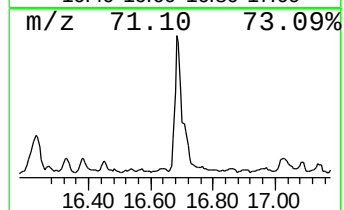
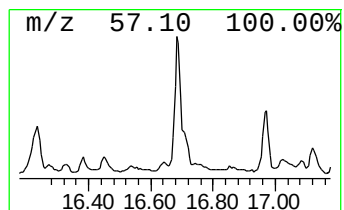
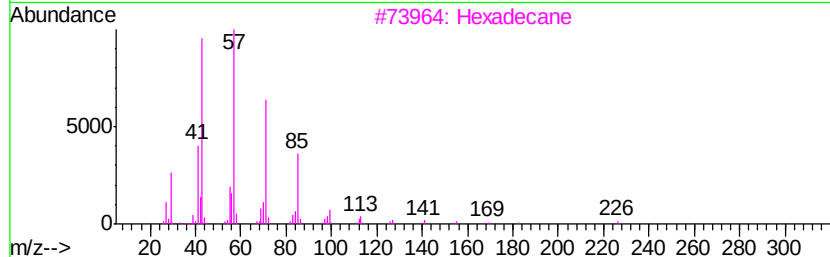
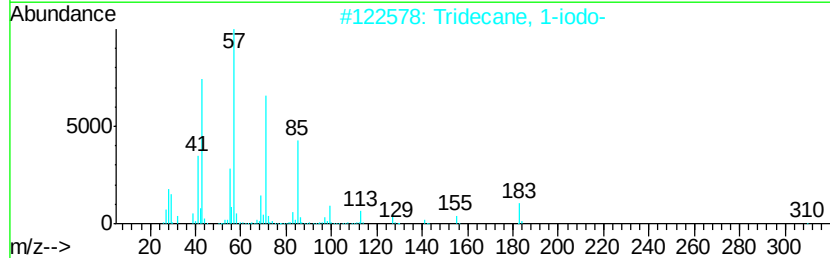
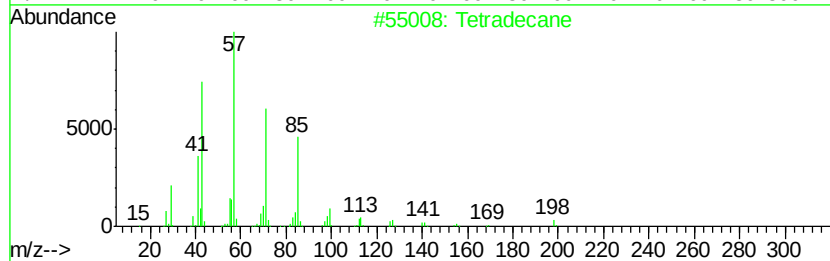
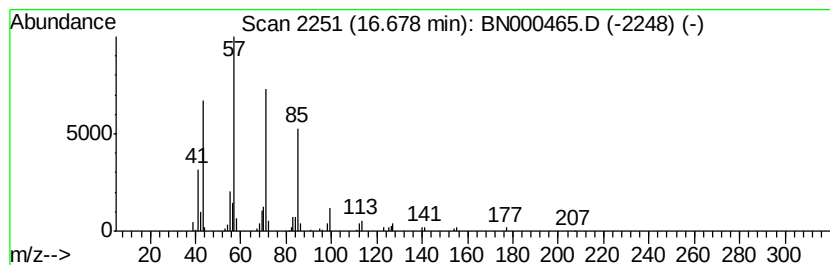
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.08 ng/ul	252242	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



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Misc :
ALS Vial : 19 Sample Multiplier: 1

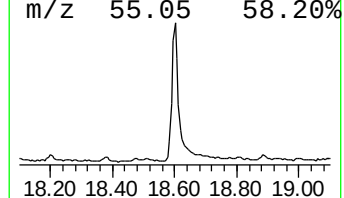
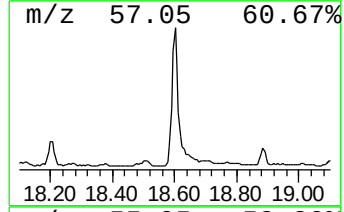
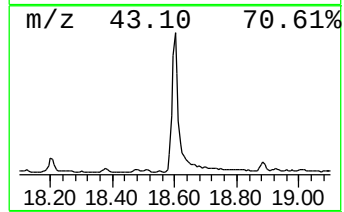
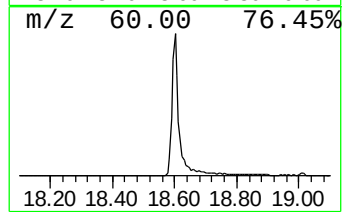
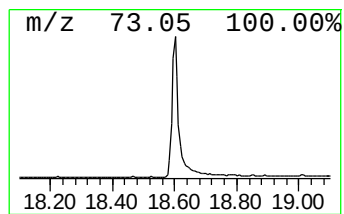
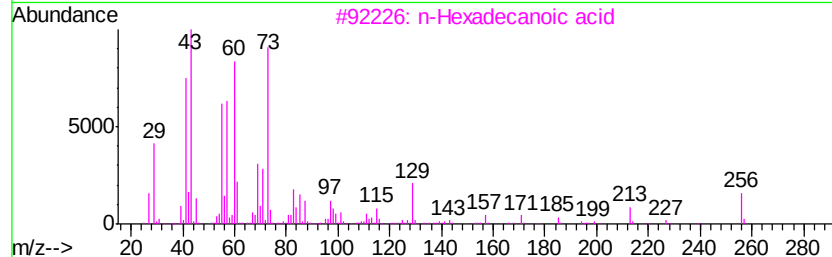
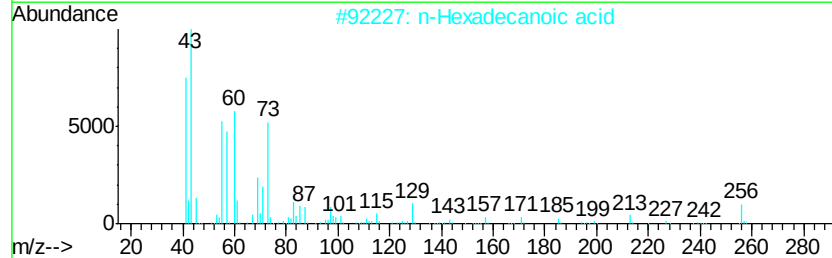
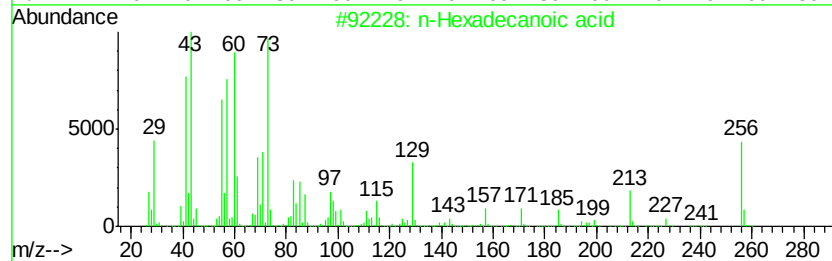
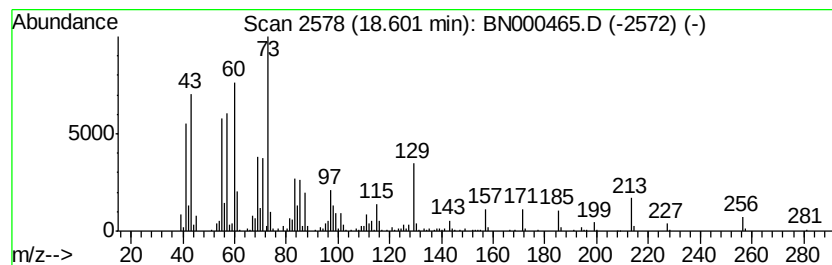
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.60	7.28 ng/ul	883501	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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000465.D
Acq On : 19 Mar 2018 22:07
Operator : JU/SJ
Sample : J1933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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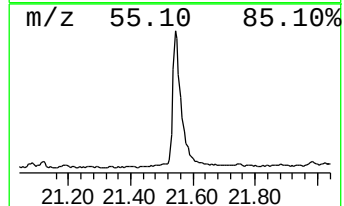
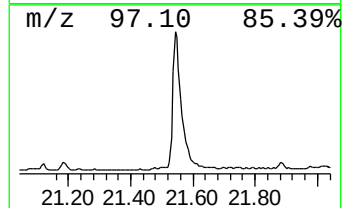
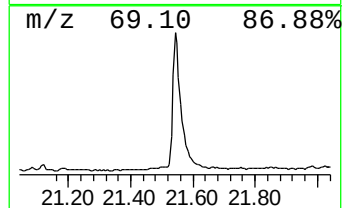
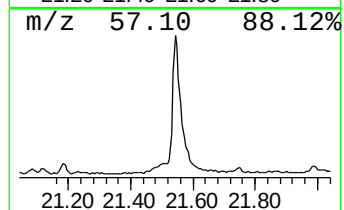
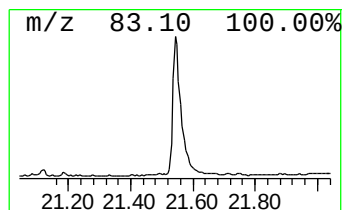
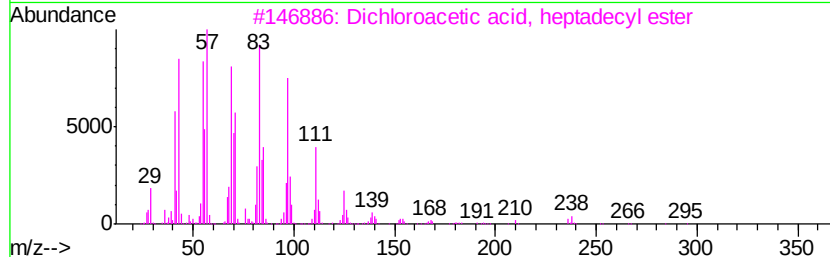
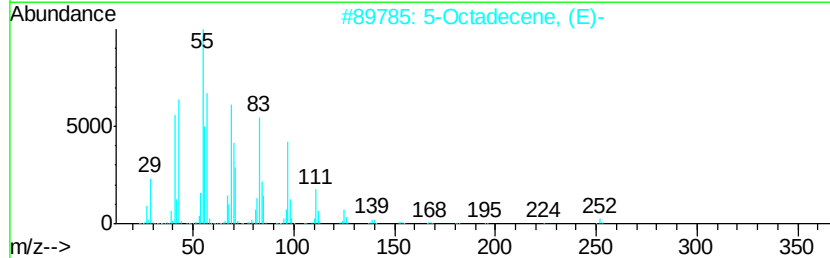
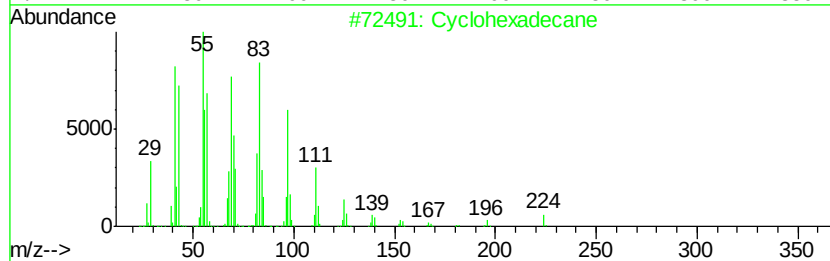
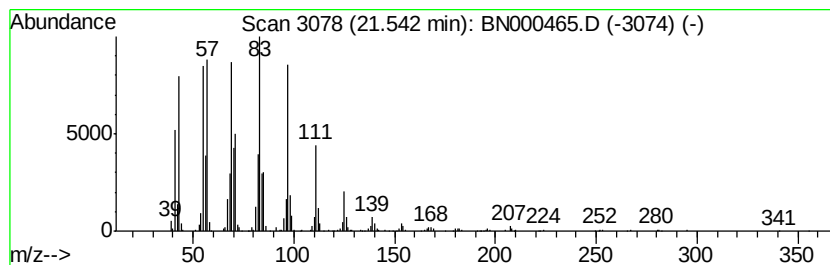
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	8.99 ng/ul	1076700	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000465.D
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Operator : JU/SJ
Sample : J1933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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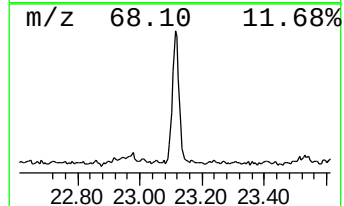
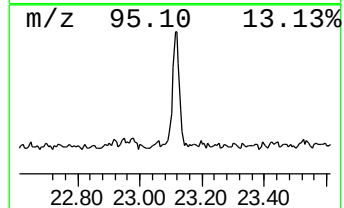
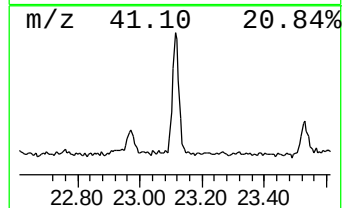
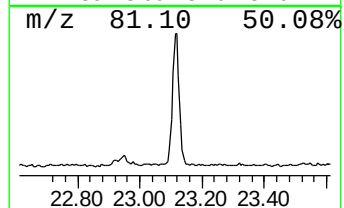
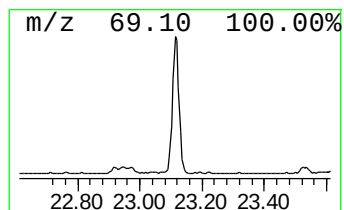
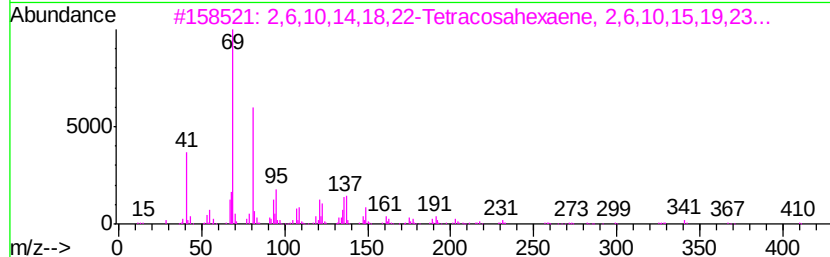
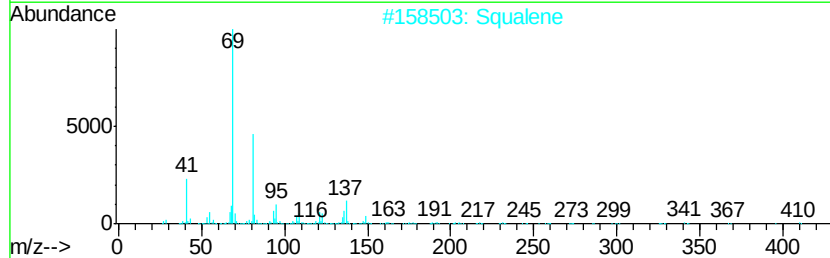
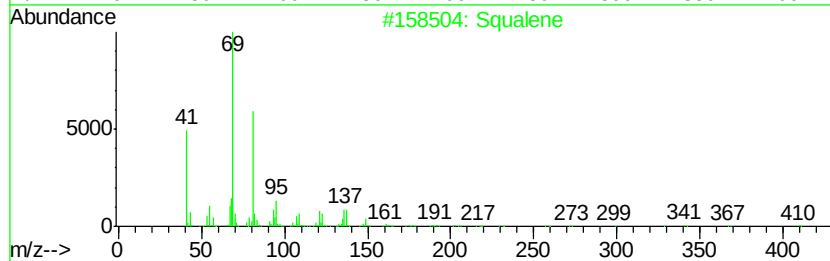
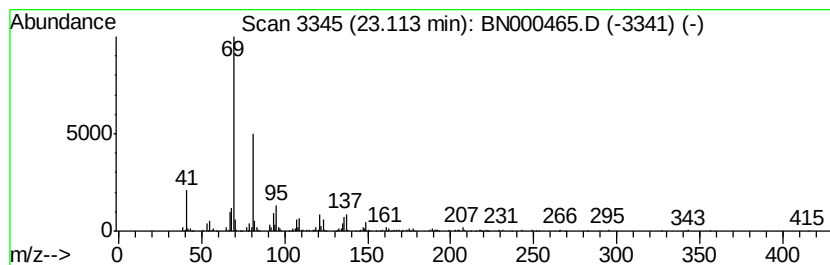
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	2.87 ng/ul	343718	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	90
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
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Sample : J1933-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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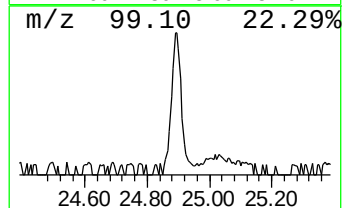
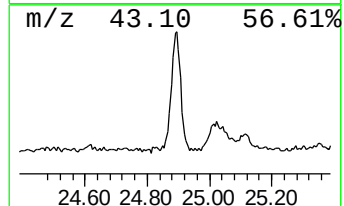
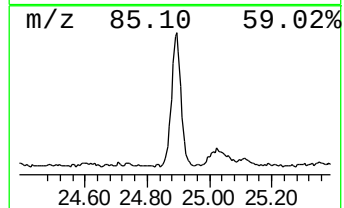
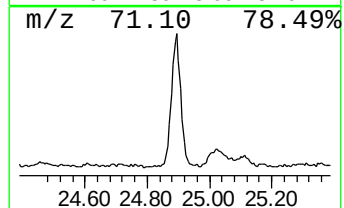
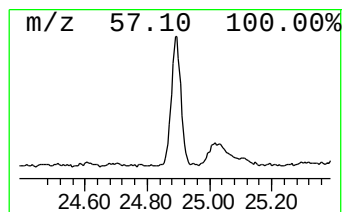
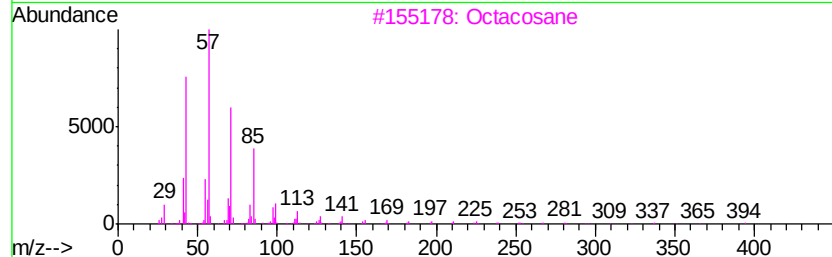
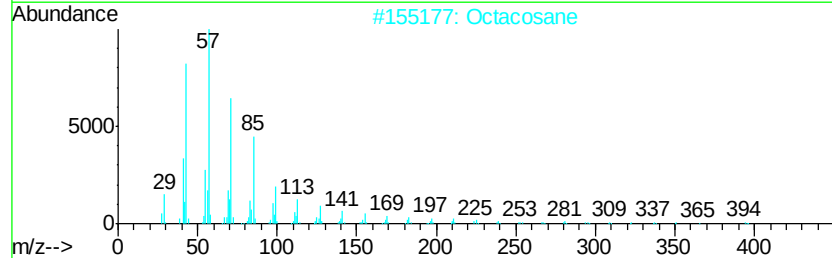
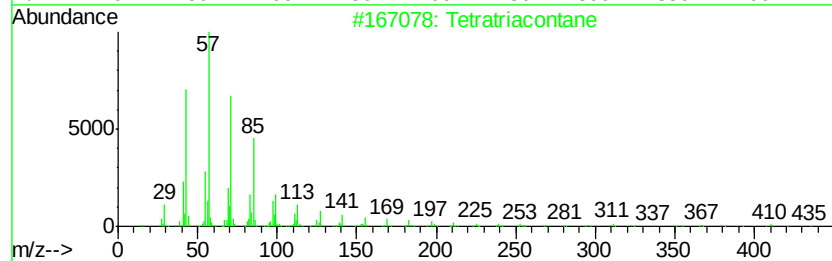
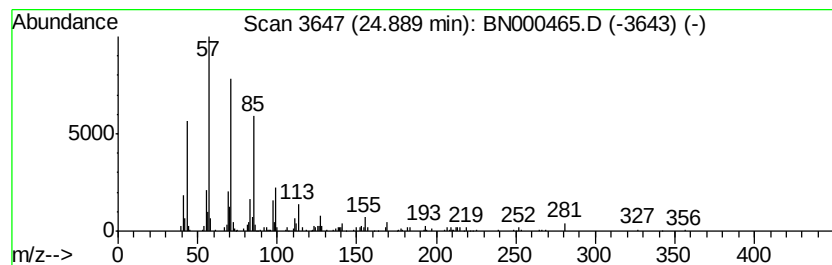
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.22 ng/ul	266245	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86



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Instrument :
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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	2.4	ng/ul	182463	1	8.42	1500980	20.0
(DEL) Alkane: Str...	15.83	2.1	ng/ul	249660	3	15.04	2332010	20.0
(DEL) Alkane: Str...	16.68	2.1	ng/ul	252242	4	17.77	2427730	20.0
n-Hexadecanoic acid	18.60	7.3	ng/ul	883501	4	17.77	2427730	20.0
(DEL) Alkane: Cyc...	21.54	9.0	ng/ul	1076700	5	21.88	2394630	20.0
Squalene	23.11	2.9	ng/ul	343718	5	21.88	2394630	20.0
(DEL) Alkane: Str...	24.89	2.2	ng/ul	266245	6	24.37	2401390	20.0