

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000638.D
 Acq On : 27 Mar 2018 01:36
 Operator : JU/SJ
 Sample : J1986-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEH0

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	3.584	20	25	31	rVB	30574	43916	1.13%	0.105%
2	3.908	76	80	86	rBV2	3515	7065	0.18%	0.017%
3	4.408	161	165	172	rVB3	3211	5322	0.14%	0.013%
4	5.402	330	334	338	rVB3	3861	6539	0.17%	0.016%
5	6.413	502	506	513	rBV	8481	12172	0.31%	0.029%
6	6.572	528	533	539	rVB3	3543	7597	0.20%	0.018%
7	7.366	662	668	673	rBV4	4509	10112	0.26%	0.024%
8	7.549	693	699	711	rBV	509610	910941	23.46%	2.182%
9	7.713	720	727	735	rBV	497917	768868	19.80%	1.842%
10	7.813	740	744	748	rVB3	3300	5833	0.15%	0.014%
11	7.931	757	764	773	rBV	551132	904335	23.29%	2.167%
12	8.407	837	845	852	rBV	498893	814579	20.98%	1.951%
13	9.119	959	966	975	rBV	524520	868328	22.37%	2.080%
14	9.590	1039	1046	1054	rBV	564144	930164	23.96%	2.228%
15	9.678	1057	1061	1067	rBV2	9803	17147	0.44%	0.041%
16	9.943	1101	1106	1110	rVB2	8910	12714	0.33%	0.030%
17	10.319	1162	1170	1178	rBV	462250	779680	20.08%	1.868%
18	10.866	1256	1263	1275	rBV	687586	1171170	30.17%	2.806%
19	11.248	1320	1328	1335	rBV	720677	1224891	31.55%	2.934%
20	11.378	1341	1350	1359	rBV	598618	1052079	27.10%	2.520%
21	12.807	1587	1593	1598	rBV	11526	16313	0.42%	0.039%
22	13.625	1728	1732	1734	rVB2	3472	3971	0.10%	0.010%
23	13.819	1761	1765	1770	rVV	16303	21254	0.55%	0.051%
24	13.901	1773	1779	1783	rBV3	2718	5696	0.15%	0.014%
25	14.331	1848	1852	1857	rBV5	3363	6687	0.17%	0.016%
26	14.419	1860	1867	1871	rVV	1323772	1912628	49.26%	4.582%
27	14.460	1871	1874	1879	rVV	316750	411028	10.59%	0.985%
28	14.507	1879	1882	1890	rVB2	6947	11251	0.29%	0.027%
29	14.584	1890	1895	1900	rVB2	5802	9746	0.25%	0.023%
30	14.637	1900	1904	1907	rBV4	3703	6674	0.17%	0.016%
31	14.678	1907	1911	1913	rVB3	2939	4048	0.10%	0.010%
32	14.725	1913	1919	1931	rBV	1525168	2327112	59.94%	5.575%
33	14.878	1940	1945	1950	rBV	64824	79106	2.04%	0.190%
34	14.948	1953	1957	1963	rVV4	4607	8386	0.22%	0.020%

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35	15.031	1964	1971	1978	rVB2	1047026	1612933	41.55%	3.864%
36	15.219	1996	2003	2016	rBV	567336	910392	23.45%	2.181%
37	15.313	2016	2019	2025	rVV5	10144	24537	0.63%	0.059%
38	15.372	2025	2029	2035	rVV2	9915	18475	0.48%	0.044%
39	15.425	2035	2038	2042	rVV2	7673	11159	0.29%	0.027%
40	15.484	2042	2048	2056	rVV3	14038	26579	0.68%	0.064%
41	15.560	2056	2061	2065	rBV3	7417	10433	0.27%	0.025%
42	15.778	2093	2098	2101	rBV	24964	32702	0.84%	0.078%
43	15.819	2101	2105	2110	rVV	89566	105716	2.72%	0.253%
44	15.878	2110	2115	2119	rVV3	4653	8124	0.21%	0.019%
45	15.931	2119	2124	2131	rVV6	4315	8443	0.22%	0.020%
46	16.007	2131	2137	2144	rVV	1905203	2796624	72.03%	6.700%
47	16.054	2144	2145	2151	rVB2	4451	5285	0.14%	0.013%
48	16.131	2152	2158	2166	rBV	521538	754146	19.43%	1.807%
49	16.219	2166	2173	2175	rVV2	20354	42351	1.09%	0.101%
50	16.248	2175	2178	2185	rVV	22313	34967	0.90%	0.084%
51	16.313	2186	2189	2195	rVB3	6455	9214	0.24%	0.022%
52	16.372	2195	2199	2202	rBV3	9038	11628	0.30%	0.028%
53	16.442	2206	2211	2214	rBV2	10182	13831	0.36%	0.033%
54	16.672	2246	2250	2260	rBV	74621	112358	2.89%	0.269%
55	16.860	2279	2282	2285	rVB3	3871	5631	0.15%	0.013%
56	16.948	2292	2297	2300	rBV5	5077	7699	0.20%	0.018%
57	17.013	2303	2308	2310	rBV4	6342	9488	0.24%	0.023%
58	17.072	2315	2318	2321	rVB3	6280	8320	0.21%	0.020%
59	17.125	2321	2327	2331	rBV3	5020	8342	0.21%	0.020%
60	17.178	2332	2336	2339	rVV3	4651	5699	0.15%	0.014%
61	17.242	2343	2347	2349	rBV2	4431	6884	0.18%	0.016%
62	17.272	2349	2352	2357	rVB3	11664	16335	0.42%	0.039%
63	17.454	2380	2383	2389	rBV	39041	49413	1.27%	0.118%
64	17.507	2389	2392	2395	rVV3	11525	15111	0.39%	0.036%
65	17.542	2395	2398	2405	rVB	6482	10177	0.26%	0.024%
66	17.754	2421	2434	2440	rBV	1333064	1944580	50.09%	4.659%
67	17.854	2444	2451	2460	rVV	2087761	3088414	79.55%	7.399%
68	17.925	2460	2463	2470	rVB6	4107	7886	0.20%	0.019%
69	17.995	2470	2475	2478	rBV5	3666	5978	0.15%	0.014%
70	18.083	2485	2490	2499	rBV4	32292	70733	1.82%	0.169%
71	18.189	2504	2508	2514	rVB	26908	32851	0.85%	0.079%

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72	18.366	2535	2538	2544	rVB6	6948	11653	0.30%	0.028%
73	18.472	2552	2556	2557	rBV4	3076	4081	0.11%	0.010%
74	18.589	2571	2576	2588	rBV	253961	403809	10.40%	0.967%
75	18.819	2612	2615	2620	rVB4	5803	7454	0.19%	0.018%
76	18.872	2620	2624	2627	rBV2	13099	15642	0.40%	0.037%
77	18.966	2636	2640	2643	rBV4	7351	9638	0.25%	0.023%
78	19.342	2702	2704	2714	rBV3	7442	15384	0.40%	0.037%
79	19.430	2714	2719	2726	rBV3	20318	42153	1.09%	0.101%
80	19.701	2762	2765	2767	rBV3	7445	9461	0.24%	0.023%
81	19.742	2767	2772	2777	rVB	28363	45840	1.18%	0.110%
82	19.836	2784	2788	2805	rBV	63937	116562	3.00%	0.279%
83	19.995	2811	2815	2820	rVB	27164	35359	0.91%	0.085%
84	20.107	2828	2834	2844	rBV	2575772	3608083	92.94%	8.644%
85	20.560	2908	2911	2917	rBV7	10401	19441	0.50%	0.047%
86	21.066	2994	2997	3001	rBV4	13086	20753	0.53%	0.050%
87	21.524	3071	3075	3087	rBV	407681	667089	17.18%	1.598%
88	21.877	3129	3135	3141	rBV	1648836	2316951	59.68%	5.551%
89	22.442	3228	3231	3234	rBV	36754	42689	1.10%	0.102%
90	22.948	3313	3317	3325	rVB	88539	129130	3.33%	0.309%
91	23.095	3338	3342	3347	rVB	89707	120908	3.11%	0.290%
92	23.507	3408	3412	3421	rVB	153134	259313	6.68%	0.621%
93	24.136	3514	3519	3522	rBV	160670	290820	7.49%	0.697%
94	24.195	3522	3529	3543	rVB2	1825791	3882331	100.00%	9.301%
95	24.354	3548	3556	3568	rVB2	1154980	2388085	61.51%	5.721%
96	24.860	3636	3642	3650	rVB	173596	369563	9.52%	0.885%
97	25.701	3778	3785	3793	rBV	162574	373585	9.62%	0.895%
98	26.677	3945	3951	3959	rVB2	120791	314982	8.11%	0.755%

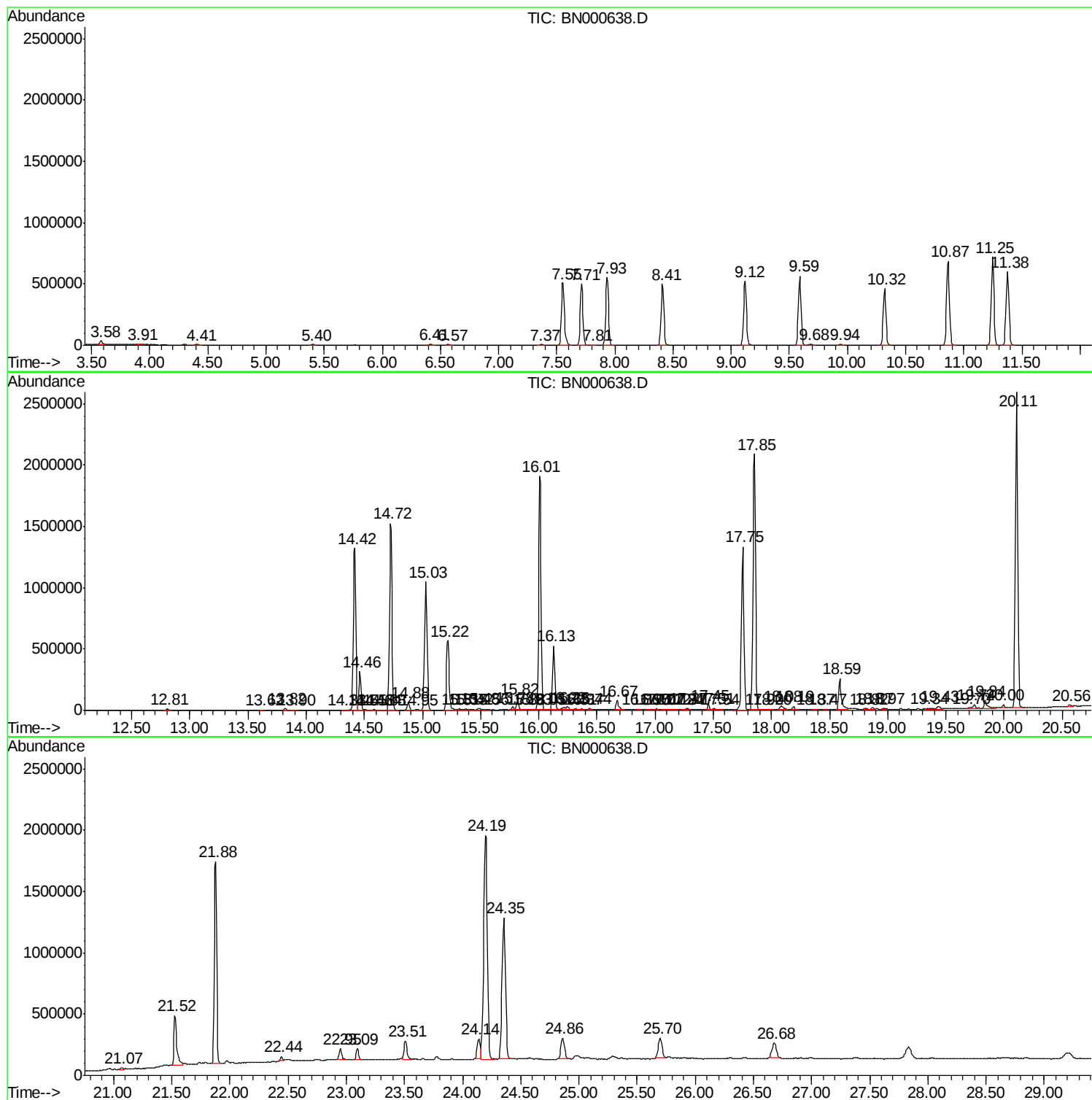
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TIC Library : C:\DATABASE\NIST02.L
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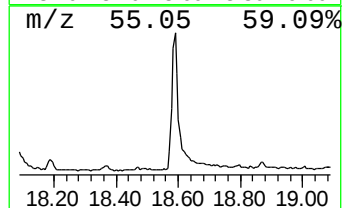
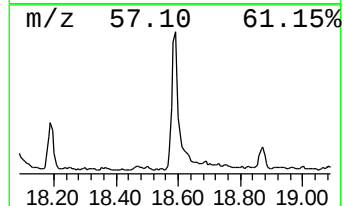
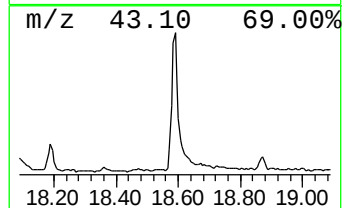
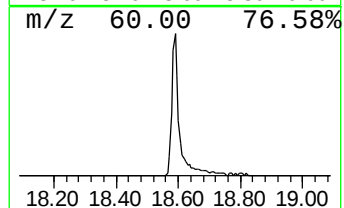
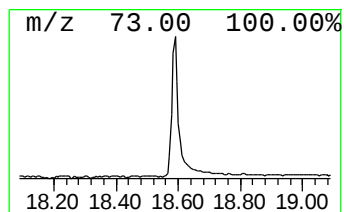
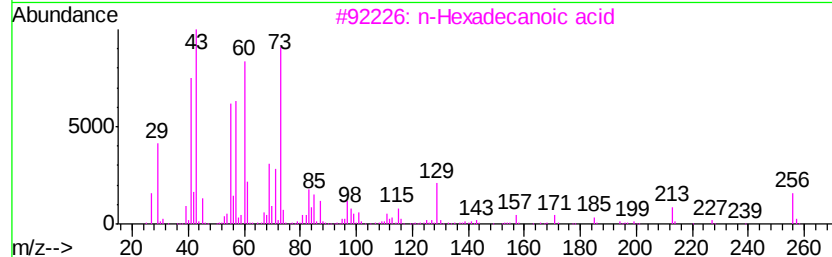
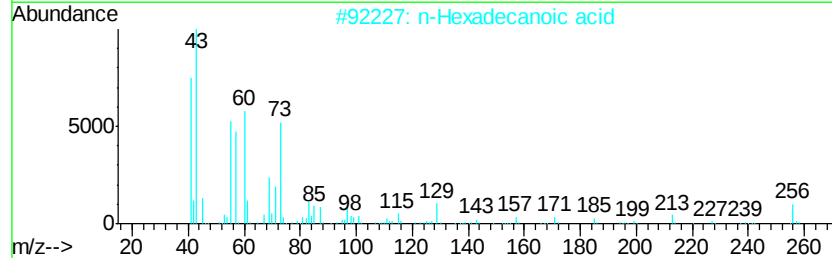
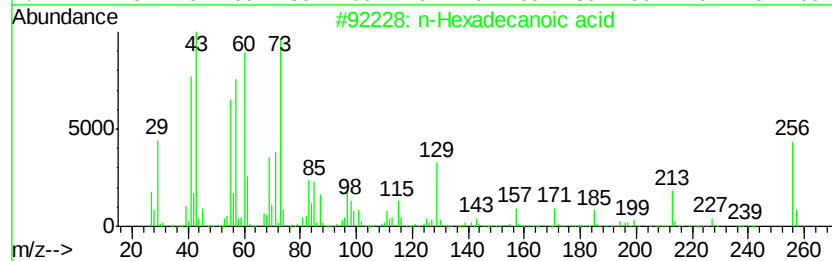
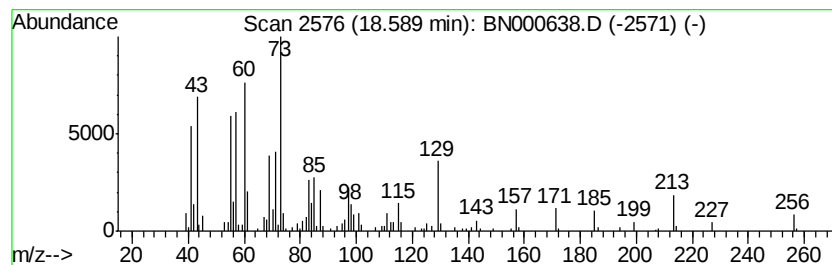
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.59	4.15 ng/ul	403809	Phenanthrene-d10	17.75		
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	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Undecanoic acid	186	C11H22O2	000112-37-8	83	



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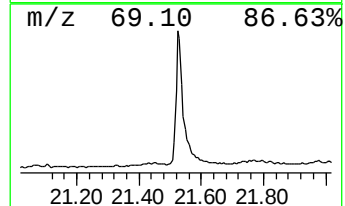
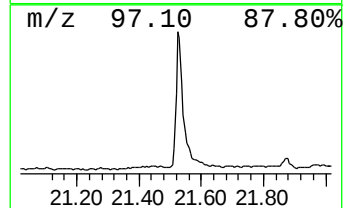
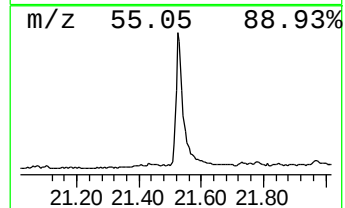
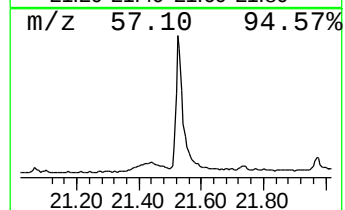
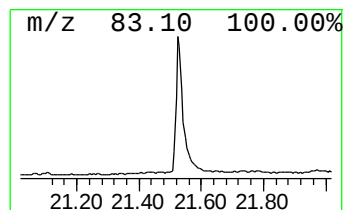
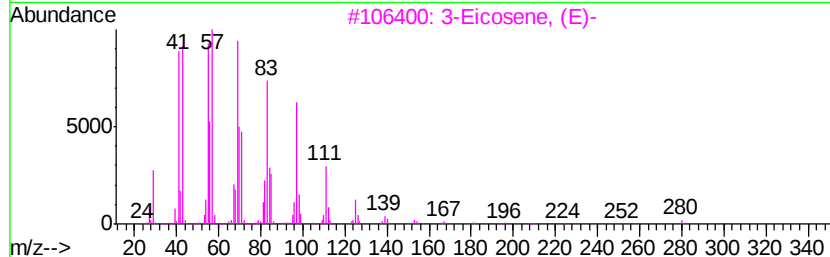
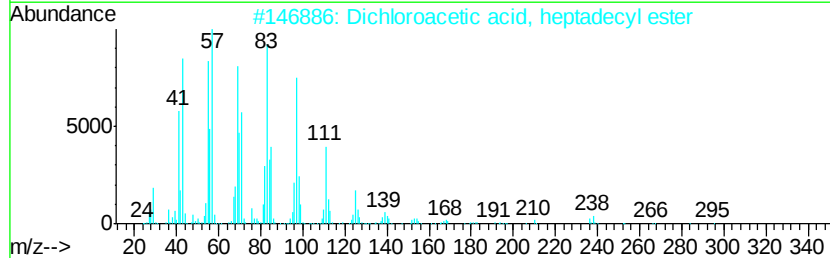
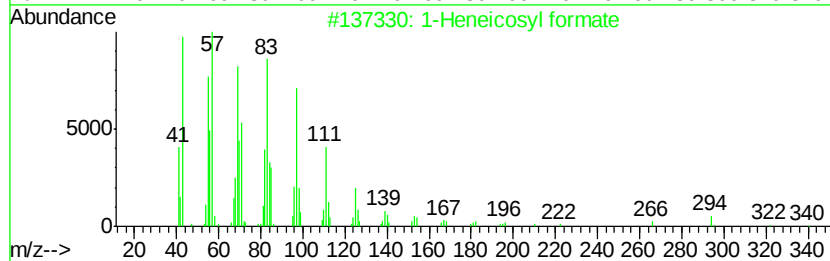
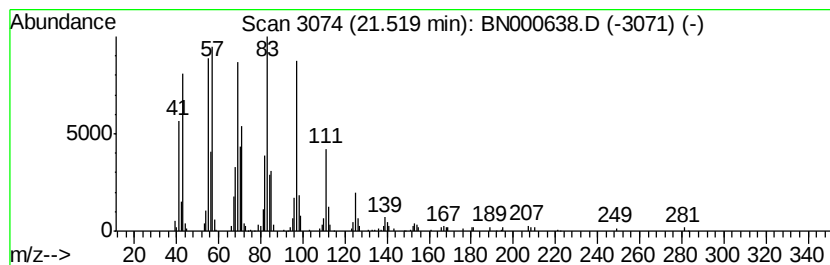
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	5.76 ng/ul	667089	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
5			2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91



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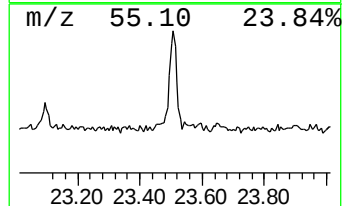
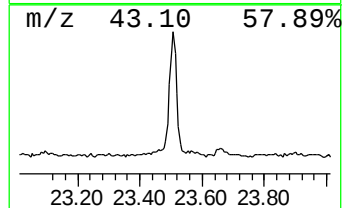
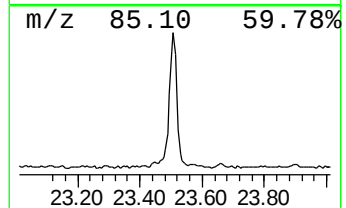
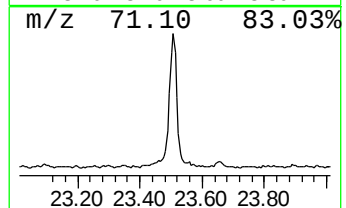
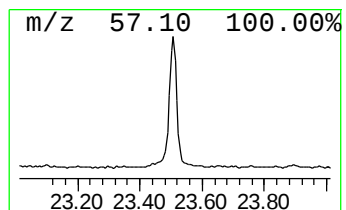
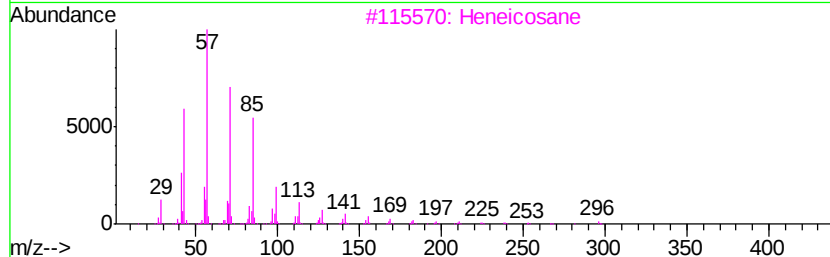
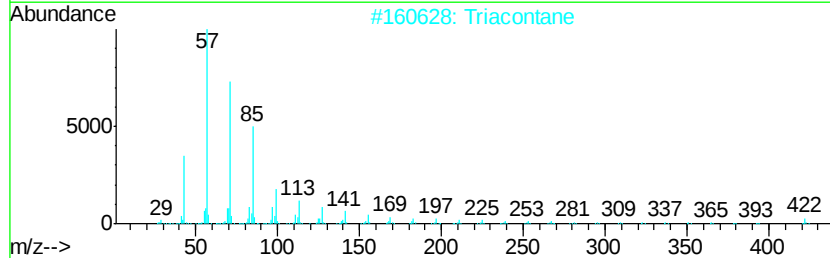
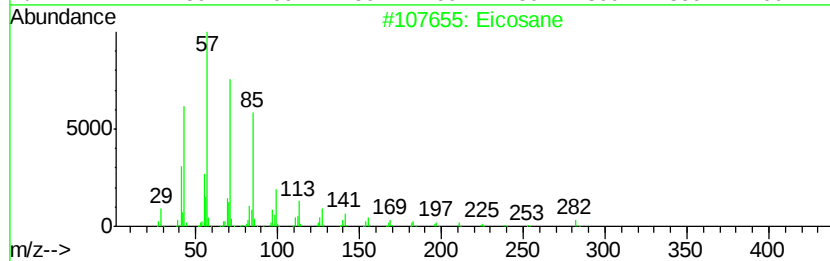
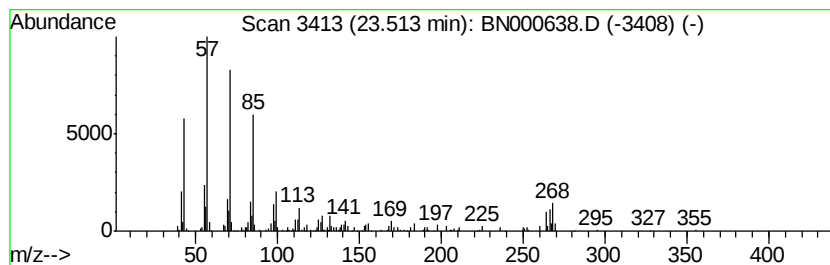
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.17 ng/ul	259313	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Triacotane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Nonadecane	268	C19H40	000629-92-5	87



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Instrument :
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ClientSampleId :
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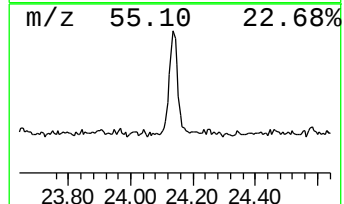
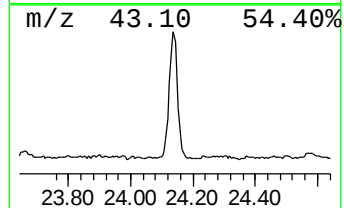
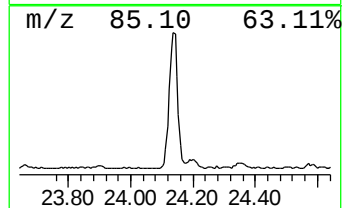
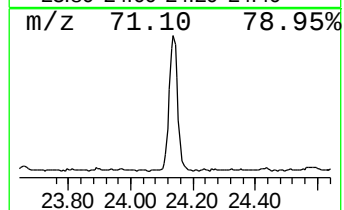
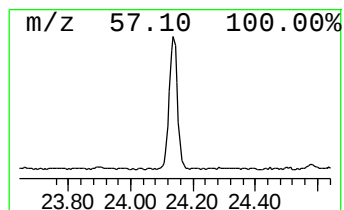
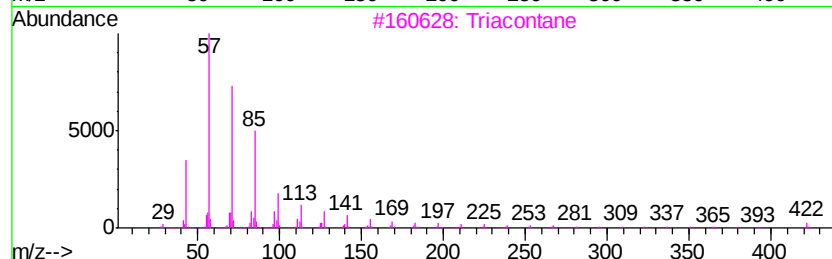
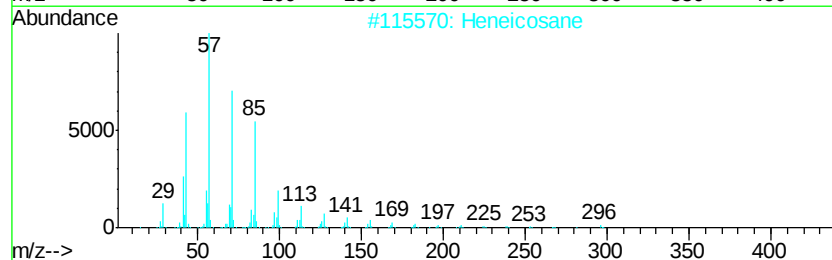
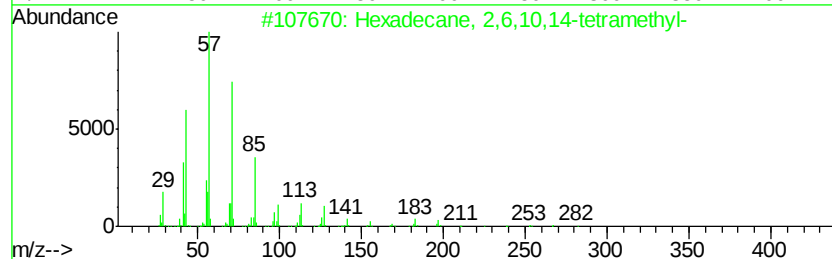
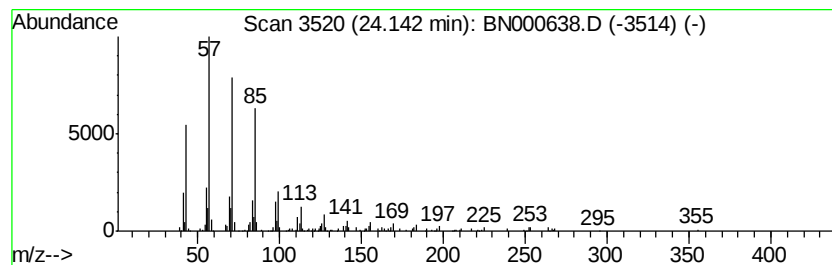
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.44 ng/ul	290820	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Nonacosane	408	C29H60	000630-03-5	87
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000638.D
Acq On : 27 Mar 2018 01:36
Operator : JU/SJ
Sample : J1986-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH0

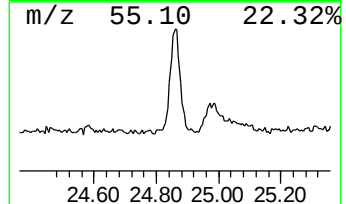
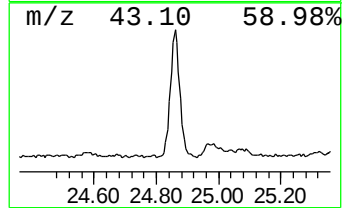
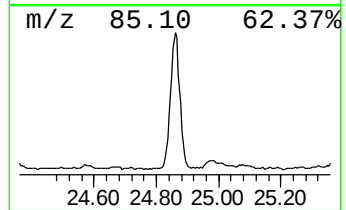
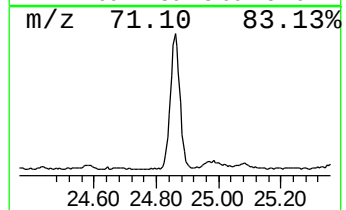
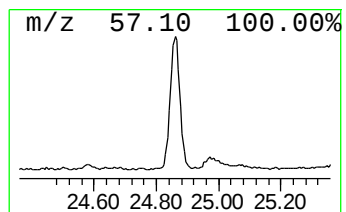
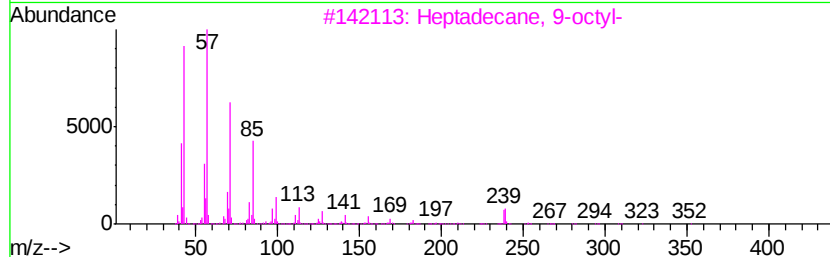
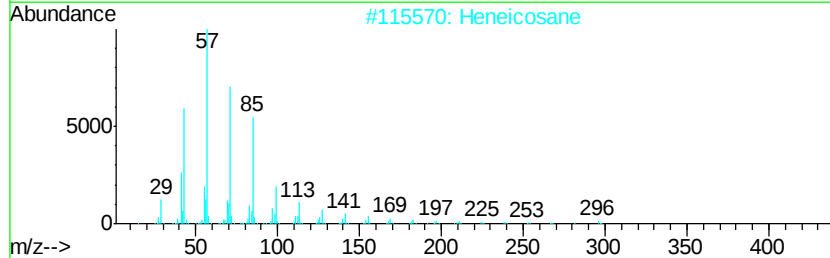
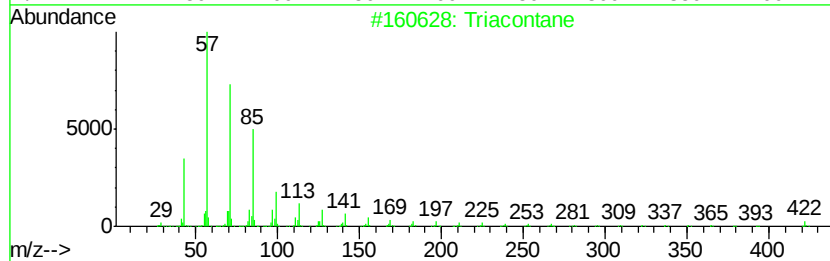
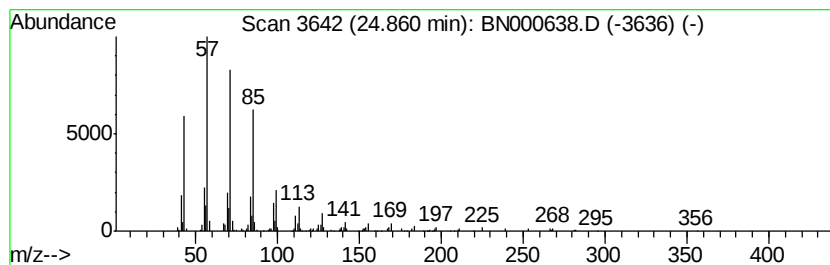
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	3.10 ng/ul	369563	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000638.D
Acq On : 27 Mar 2018 01:36
Operator : JU/SJ
Sample : J1986-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH0

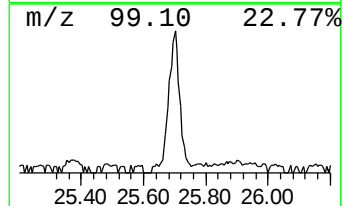
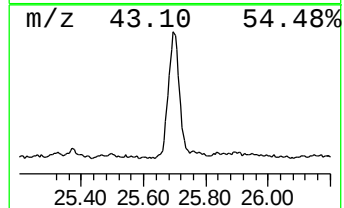
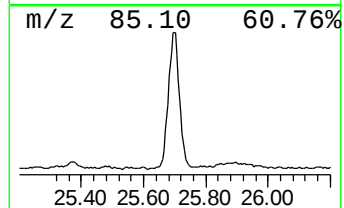
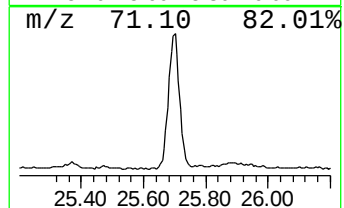
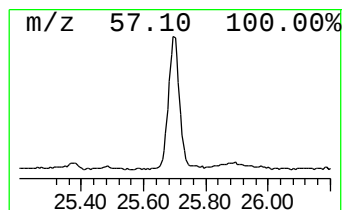
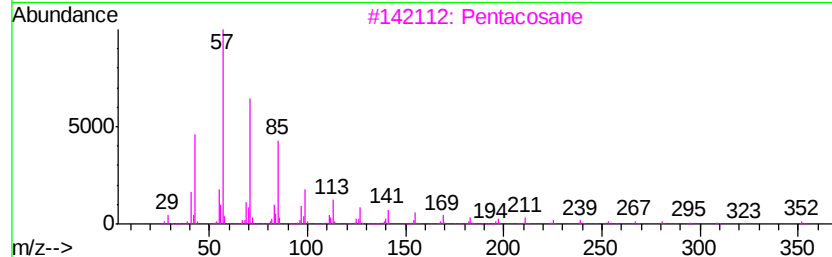
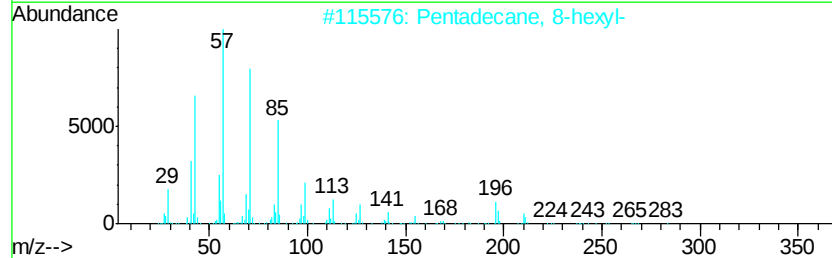
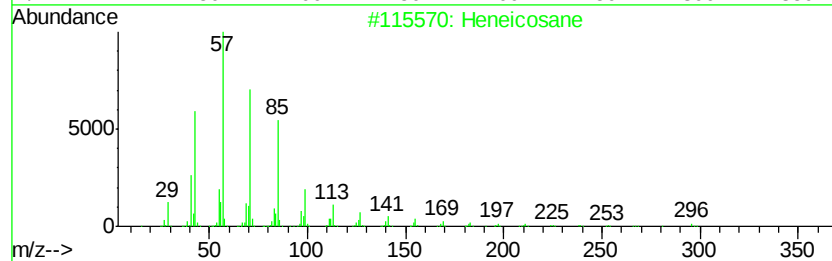
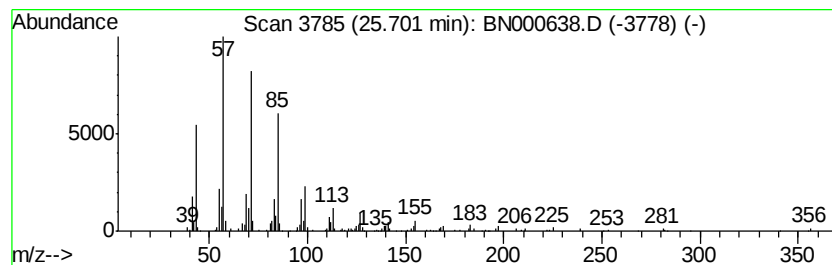
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	3.13 ng/ul	373585	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Pentacosane	352	C25H52	000629-99-2	90
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5		Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000638.D
 Acq On : 27 Mar 2018 01:36
 Operator : JU/SJ
 Sample : J1986-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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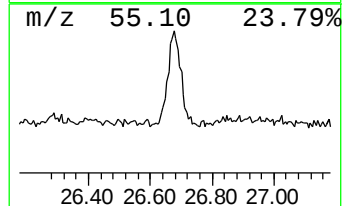
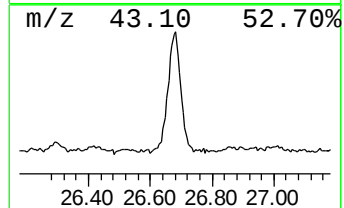
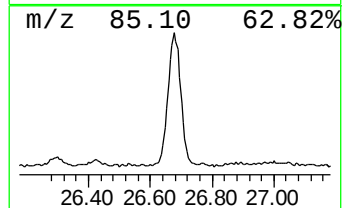
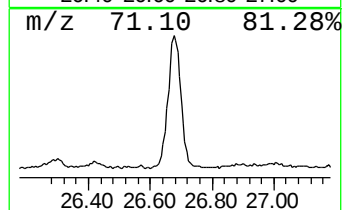
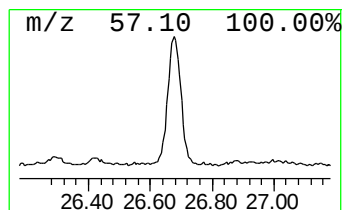
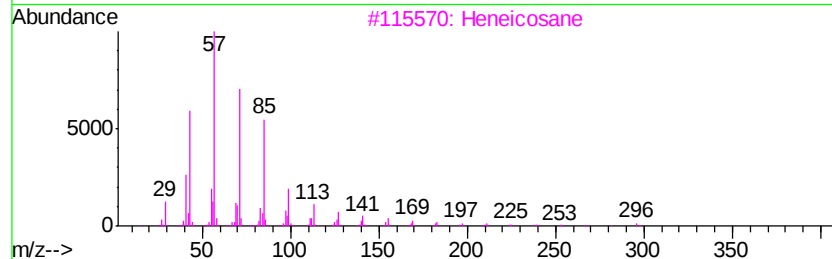
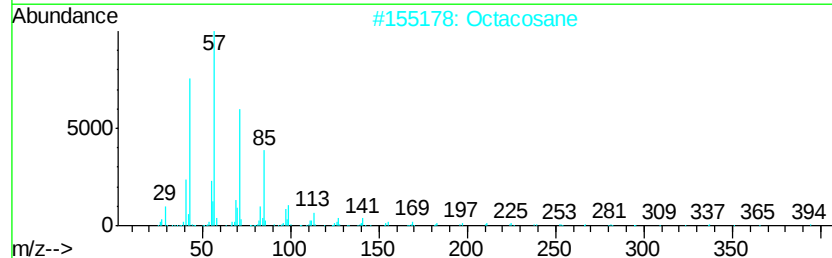
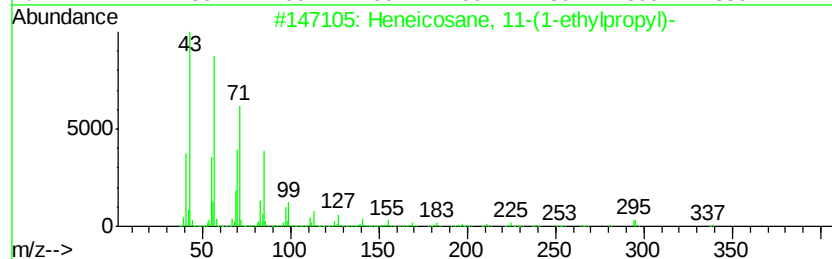
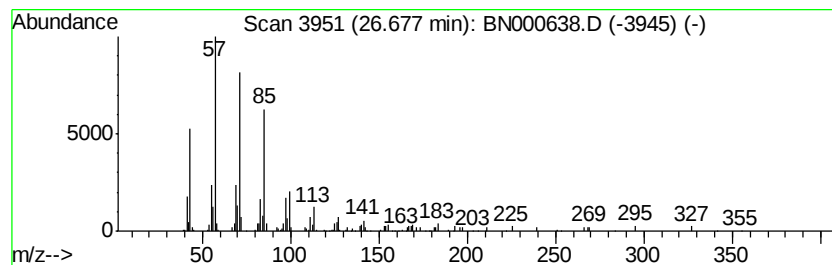
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	2.64 ng/ul	314982	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000638.D
Acq On : 27 Mar 2018 01:36
Operator : JU/SJ
Sample : J1986-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH0

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
n-Hexadecanoic acid	18.59	4.2	ng/ul	403809	4	17.75	1944580	20.0
1-Heneicosyl formate	21.52	5.8	ng/ul	667089	5	21.88	2316950	20.0
(DEL) Alkane: Str...	23.51	2.2	ng/ul	259313	6	24.35	2388090	20.0
(DEL) Alkane: Str...	24.14	2.4	ng/ul	290820	6	24.35	2388090	20.0
(DEL) Alkane: Str...	24.86	3.1	ng/ul	369563	6	24.35	2388090	20.0
(DEL) Alkane: Str...	25.70	3.1	ng/ul	373585	6	24.35	2388090	20.0
(DEL) Alkane: Str...	26.68	2.6	ng/ul	314982	6	24.35	2388090	20.0