

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000627.D
 Acq On : 26 Mar 2018 19:19
 Operator : JU/SJ
 Sample : J1986-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEH4

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	21	25	33	rVB	19801	31989	1.15%	0.101%
2	4.407	162	165	169	rVB3	2939	4152	0.15%	0.013%
3	4.637	200	204	208	rVB4	1880	3545	0.13%	0.011%
4	4.754	221	224	229	rBV3	3636	6466	0.23%	0.020%
5	5.407	327	335	339	rVB2	4318	8033	0.29%	0.025%
6	6.413	501	506	514	rVB	10835	18042	0.65%	0.057%
7	6.560	527	531	536	rBV2	2339	4590	0.17%	0.014%
8	7.372	664	669	672	rBV2	2372	3929	0.14%	0.012%
9	7.472	683	686	690	rBV2	3411	4516	0.16%	0.014%
10	7.554	693	700	712	rVB	336883	558238	20.10%	1.762%
11	7.713	720	727	735	rBV	294977	465515	16.76%	1.470%
12	7.937	758	765	774	rVB	331319	558215	20.10%	1.762%
13	8.413	838	846	855	rBV	448550	743725	26.78%	2.348%
14	9.119	958	966	975	rBV	445089	734851	26.46%	2.320%
15	9.589	1038	1046	1055	rBV	342046	576871	20.77%	1.821%
16	9.678	1057	1061	1068	rVV2	8861	14563	0.52%	0.046%
17	9.942	1100	1106	1110	rVB	9770	12269	0.44%	0.039%
18	10.319	1164	1170	1179	rVB	282436	477995	17.21%	1.509%
19	10.866	1256	1263	1274	rBV	433102	730735	26.31%	2.307%
20	11.248	1321	1328	1337	rBV	670603	1142698	41.14%	3.608%
21	11.378	1343	1350	1359	rBV	385469	664811	23.94%	2.099%
22	12.425	1523	1528	1533	rVB	24115	32163	1.16%	0.102%
23	12.683	1566	1572	1575	rBV2	3223	4698	0.17%	0.015%
24	12.813	1589	1594	1598	rBV	6788	10287	0.37%	0.032%
25	13.154	1646	1652	1658	rVB4	2935	6173	0.22%	0.019%
26	13.819	1761	1765	1770	rVB	8316	11192	0.40%	0.035%
27	13.889	1774	1777	1783	rBV3	2635	4071	0.15%	0.013%
28	14.419	1858	1867	1871	rVV	980501	1363091	49.08%	4.303%
29	14.466	1871	1875	1880	rVV	168543	238099	8.57%	0.752%
30	14.507	1880	1882	1890	rVB2	4409	6738	0.24%	0.021%
31	14.583	1890	1895	1900	rBV2	3267	5615	0.20%	0.018%
32	14.642	1900	1905	1908	rBV3	3742	6125	0.22%	0.019%
33	14.730	1913	1920	1929	rBV	1070740	1550111	55.81%	4.894%
34	14.877	1937	1945	1950	rVB	40248	54175	1.95%	0.171%

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35	14.954	1954	1958	1964	rBV5	2813	4460	0.16%	0.014%
36	15.030	1964	1971	1979	rBV2	1042025	1584179	57.04%	5.001%
37	15.154	1989	1992	1995	rVB	2013	2912	0.10%	0.009%
38	15.219	1997	2003	2016	rVV	430935	671786	24.19%	2.121%
39	15.319	2016	2020	2026	rVV6	5968	13749	0.50%	0.043%
40	15.372	2026	2029	2034	rVV3	5025	7118	0.26%	0.022%
41	15.436	2036	2040	2043	rVB2	4404	5854	0.21%	0.018%
42	15.489	2045	2049	2052	rBV2	9635	12368	0.45%	0.039%
43	15.560	2057	2061	2064	rVB3	4789	6409	0.23%	0.020%
44	15.707	2081	2086	2092	rBV6	2153	4109	0.15%	0.013%
45	15.777	2092	2098	2101	rBV	17549	23296	0.84%	0.074%
46	15.819	2101	2105	2110	rVB	59469	73026	2.63%	0.231%
47	15.877	2110	2115	2120	rBV3	3631	6079	0.22%	0.019%
48	15.924	2120	2123	2131	rVB5	3965	7212	0.26%	0.023%
49	16.013	2131	2138	2145	rBV	1386428	1957805	70.49%	6.181%
50	16.130	2152	2158	2166	rBV	383162	517320	18.63%	1.633%
51	16.224	2168	2174	2176	rVV2	15081	33654	1.21%	0.106%
52	16.248	2176	2178	2183	rVV2	15144	21144	0.76%	0.067%
53	16.319	2186	2190	2196	rVB2	5472	8072	0.29%	0.025%
54	16.371	2196	2199	2203	rBV3	6145	9297	0.33%	0.029%
55	16.442	2207	2211	2214	rVB2	7596	9032	0.33%	0.029%
56	16.519	2218	2224	2227	rBV5	1974	3247	0.12%	0.010%
57	16.671	2246	2250	2260	rBV	58757	97413	3.51%	0.308%
58	16.860	2281	2282	2286	rVB4	3125	3225	0.12%	0.010%
59	16.954	2295	2298	2301	rVB3	2679	3207	0.12%	0.010%
60	17.013	2303	2308	2311	rBV3	5948	10116	0.36%	0.032%
61	17.071	2315	2318	2322	rVB2	4974	6539	0.24%	0.021%
62	17.130	2322	2328	2332	rBV4	5601	8080	0.29%	0.026%
63	17.171	2332	2335	2340	rVB4	3884	5493	0.20%	0.017%
64	17.242	2343	2347	2350	rBV3	4781	6601	0.24%	0.021%
65	17.277	2350	2353	2355	rBV2	3357	3997	0.14%	0.013%
66	17.460	2379	2384	2388	rBV	42854	50786	1.83%	0.160%
67	17.513	2389	2393	2396	rVV2	11802	17220	0.62%	0.054%
68	17.542	2396	2398	2405	rVB	6293	8361	0.30%	0.026%
69	17.754	2428	2434	2441	rVV2	1294578	1930041	69.49%	6.093%
70	17.854	2445	2451	2458	rVV2	1566962	2229796	80.28%	7.040%
71	18.001	2471	2476	2477	rBV4	3480	4509	0.16%	0.014%

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72	18.113	2493	2495	2501	rVB6	4516	6461	0.23%	0.020%
73	18.195	2505	2509	2514	rVB	19601	23407	0.84%	0.074%
74	18.465	2552	2555	2561	rBV6	3611	7507	0.27%	0.024%
75	18.589	2571	2576	2587	rBV	284202	434509	15.64%	1.372%
76	18.789	2608	2610	2613	rBV3	2597	2797	0.10%	0.009%
77	18.871	2622	2624	2628	rVB5	3477	4017	0.14%	0.013%
78	18.913	2628	2631	2634	rBV3	4662	6231	0.22%	0.020%
79	18.960	2637	2639	2643	rVB4	3542	5046	0.18%	0.016%
80	19.118	2663	2666	2669	rBV4	3559	3933	0.14%	0.012%
81	19.236	2684	2686	2687	rBV2	3458	3383	0.12%	0.011%
82	19.489	2726	2729	2731	rBV4	4713	6343	0.23%	0.020%
83	19.748	2767	2773	2777	rBV	20880	34661	1.25%	0.109%
84	19.836	2784	2788	2802	rBV	103254	197798	7.12%	0.624%
85	20.001	2813	2816	2820	rVB	19451	24585	0.89%	0.078%
86	20.112	2828	2835	2841	rBV	1877208	2649228	95.38%	8.364%
87	21.530	3072	3076	3086	rBV2	148375	262041	9.43%	0.827%
88	21.877	3129	3135	3141	rBV2	1696314	2269929	81.72%	7.166%
89	22.953	3315	3318	3325	rVB2	72454	100815	3.63%	0.318%
90	23.506	3408	3412	3420	rVB2	119873	211731	7.62%	0.668%
91	24.142	3515	3520	3523	rBV	131058	230745	8.31%	0.728%
92	24.200	3523	3530	3540	rVB2	1356131	2777536	100.00%	8.769%
93	24.359	3549	3557	3566	rVB2	1086823	2372354	85.41%	7.490%
94	24.865	3638	3643	3652	rVB3	132525	286651	10.32%	0.905%
95	25.700	3780	3785	3794	rVB	135806	327718	11.80%	1.035%

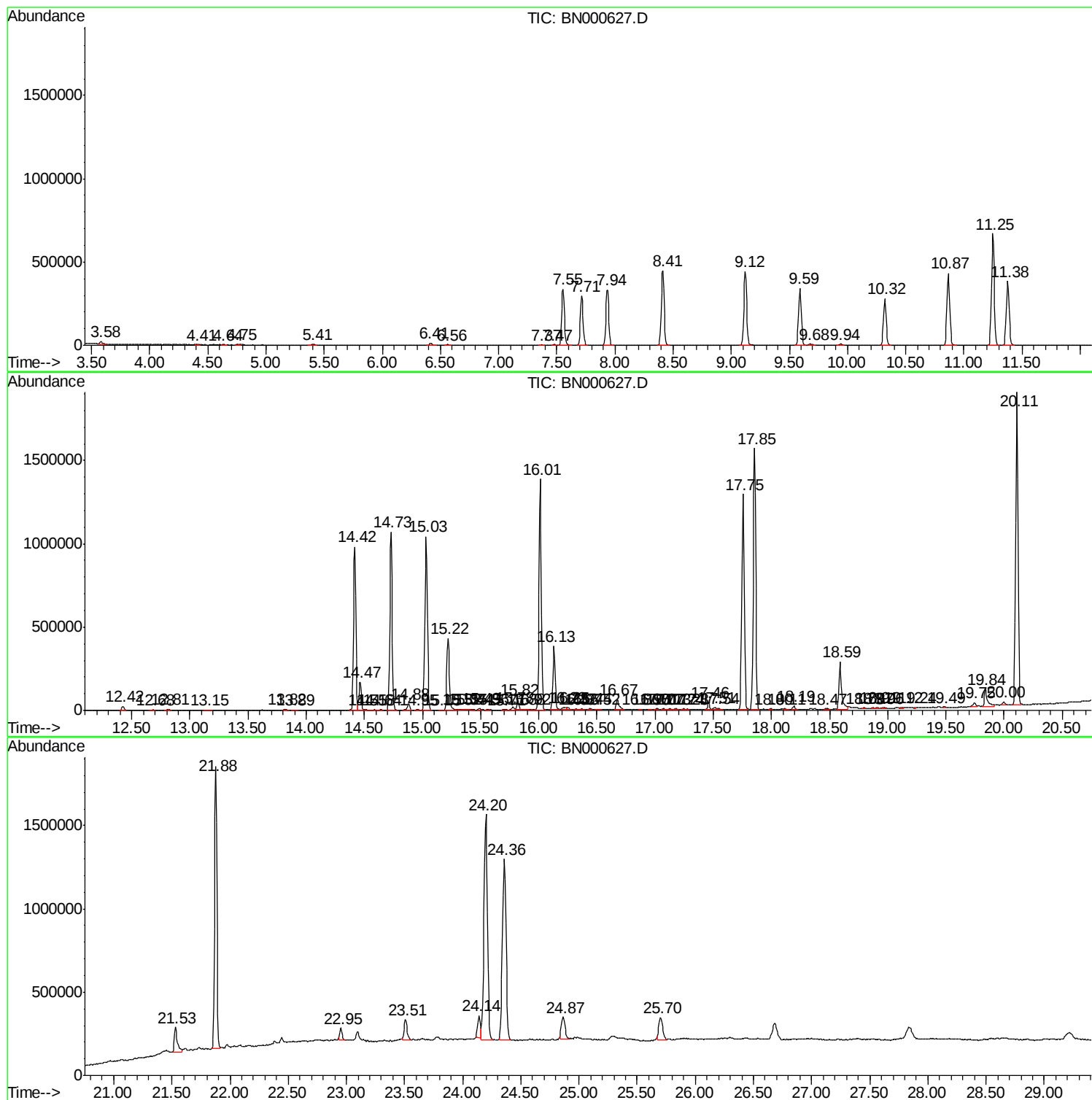
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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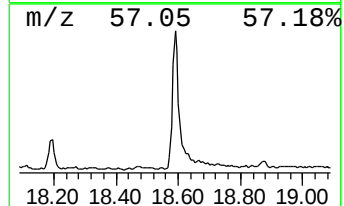
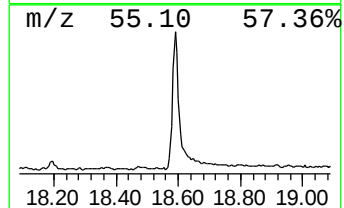
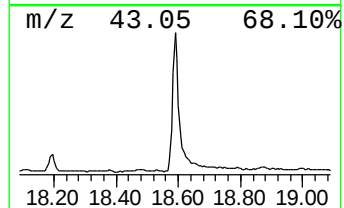
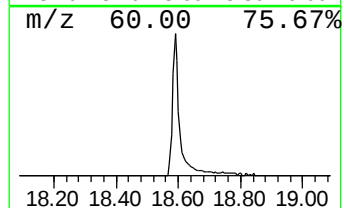
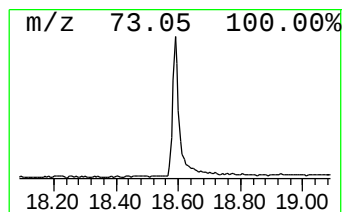
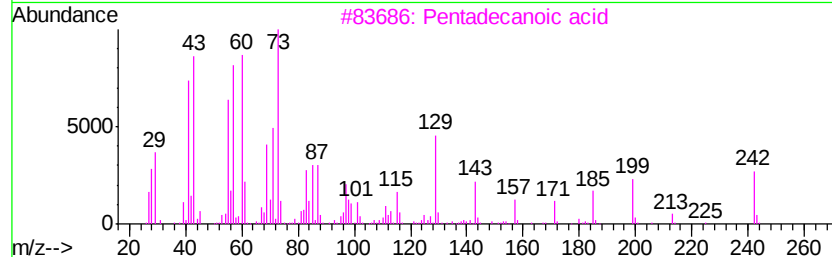
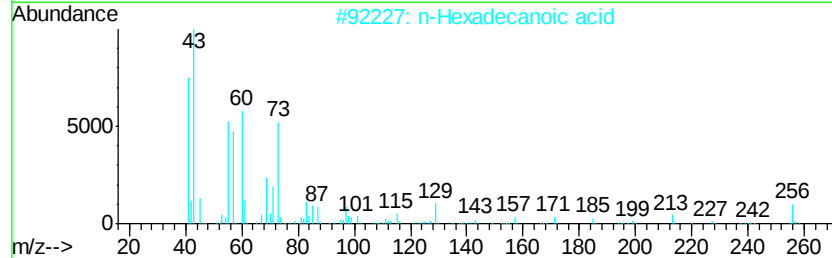
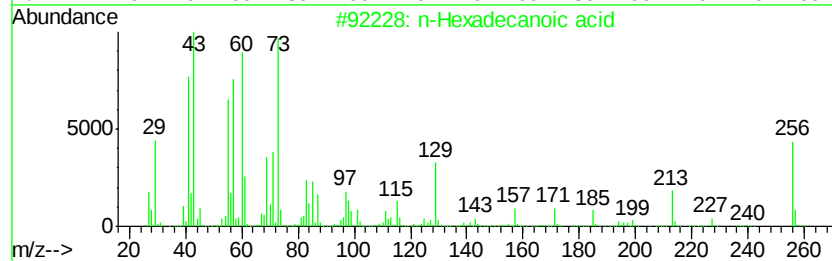
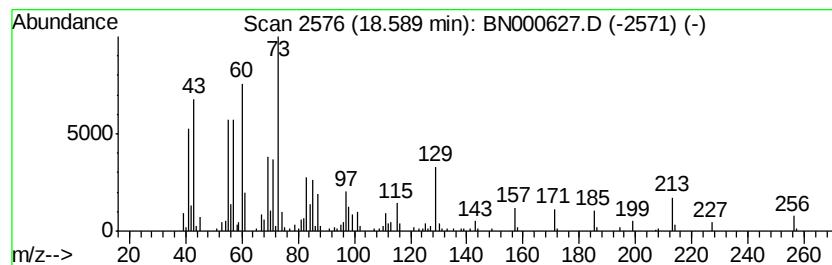
Instrument :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.59	4.50 ng/ul	434509	Phenanthrene-d10	17.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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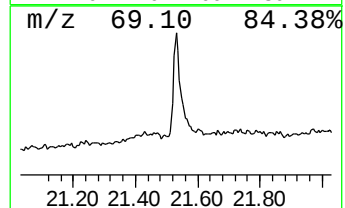
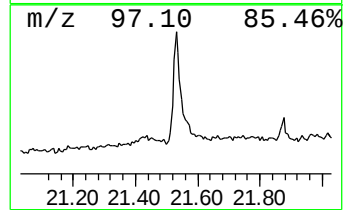
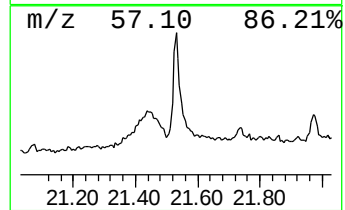
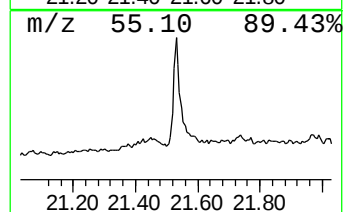
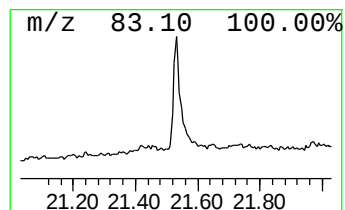
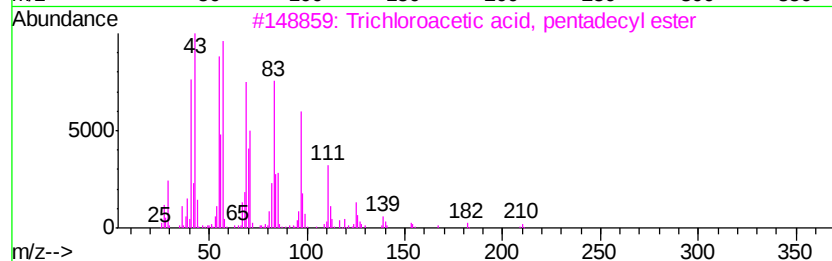
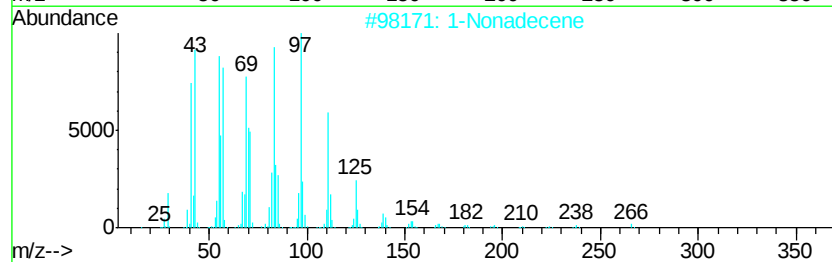
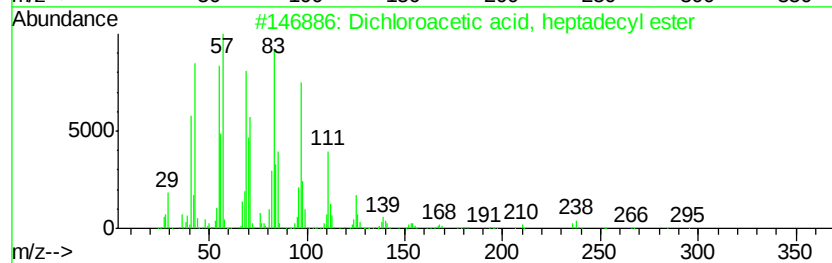
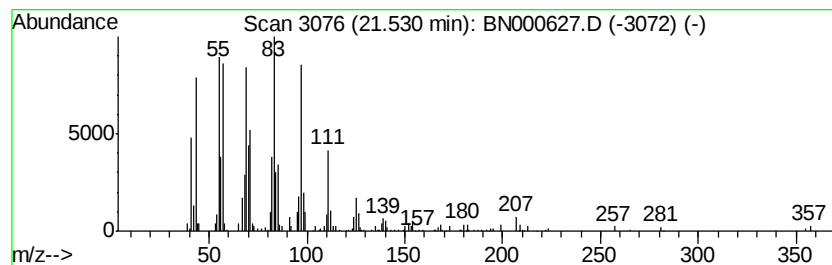
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.31 ng/ul	262041	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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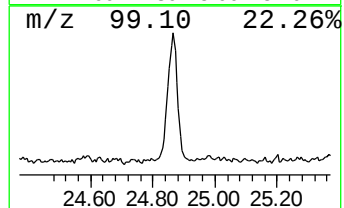
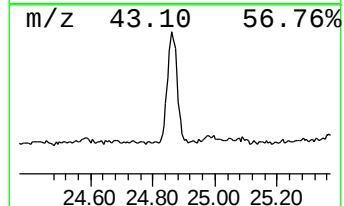
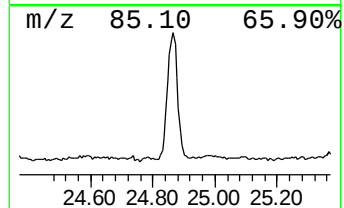
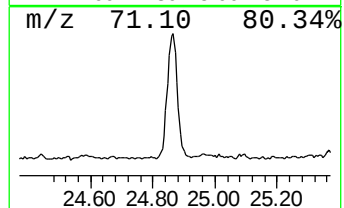
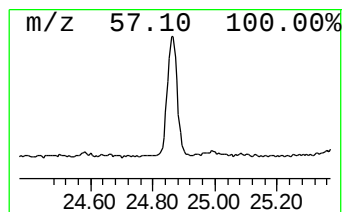
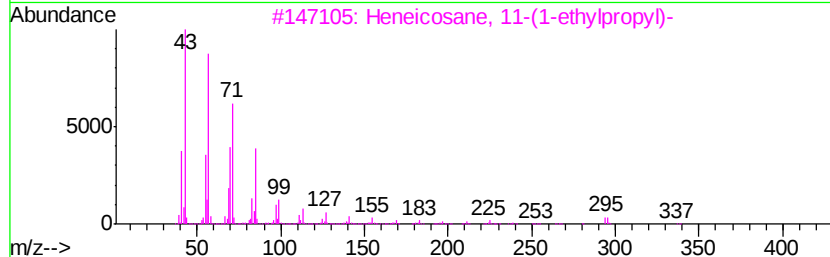
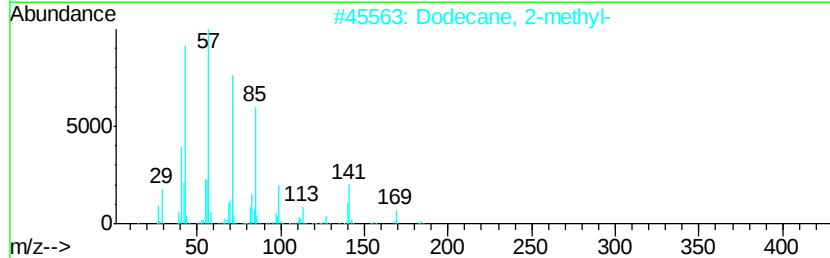
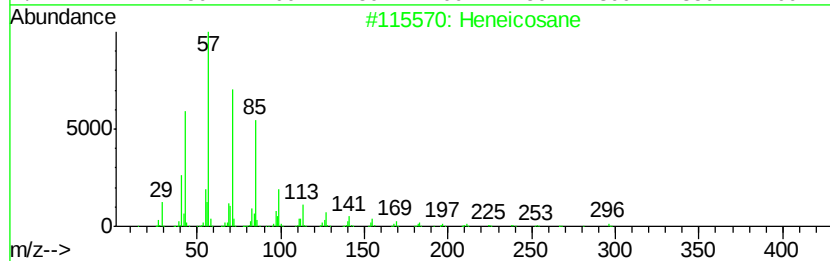
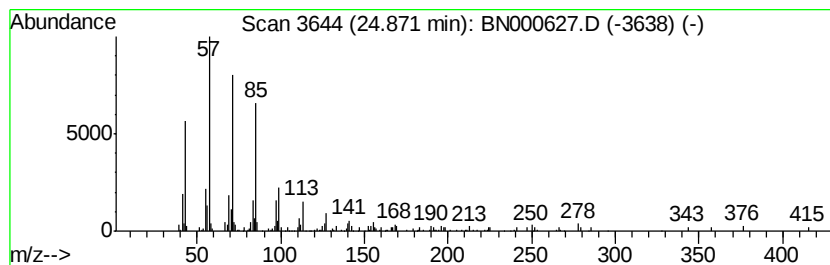
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.42 ng/ul	286651	Perylene-d12	24.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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BEEH4

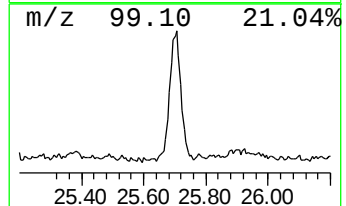
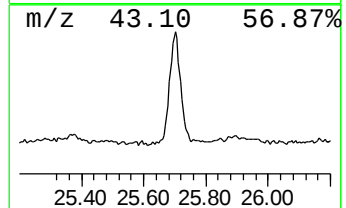
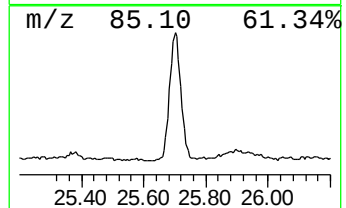
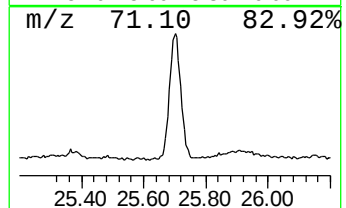
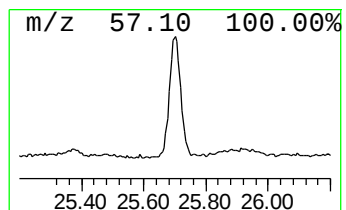
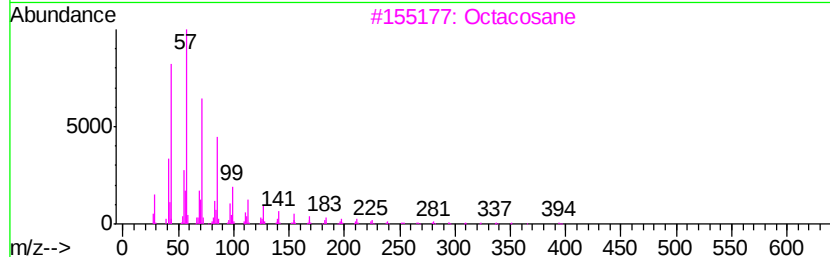
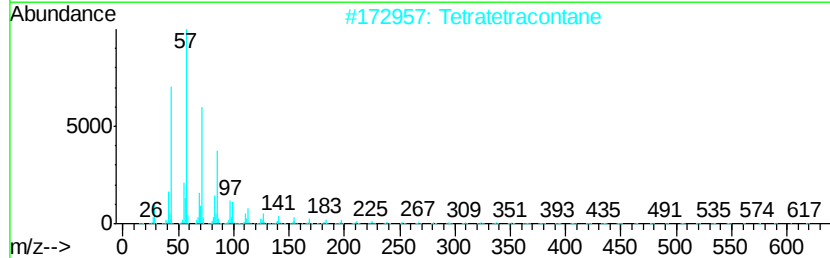
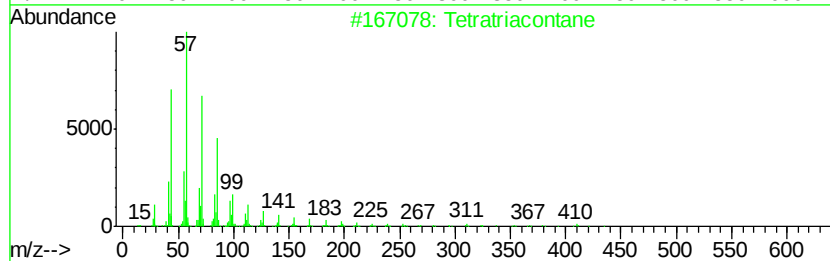
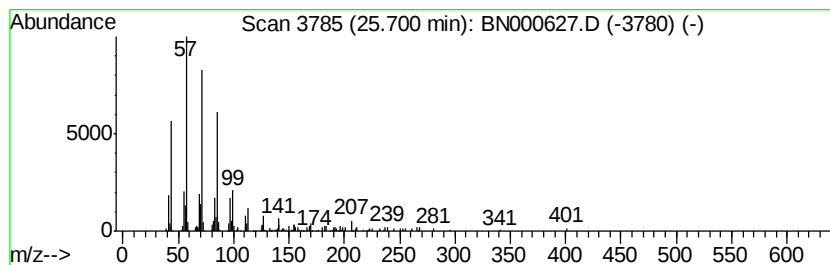
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	2.76 ng/ul	327718	Perylene-d12	24.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000627.D
Acq On : 26 Mar 2018 19:19
Operator : JU/SJ
Sample : J1986-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH4

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	4.5	ng/ul	434509	4	17.75	1930040	20.0
Dichloroacetic ac...	21.53	2.3	ng/ul	262041	5	21.88	2269930	20.0
(DEL) Alkane: Str...	24.87	2.4	ng/ul	286651	6	24.36	2372350	20.0
(DEL) Alkane: Str...	25.70	2.8	ng/ul	327718	6	24.36	2372350	20.0