

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000632.D
 Acq On : 26 Mar 2018 22:11
 Operator : JU/SJ
 Sample : J1986-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ7

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	32	rVB	36519	52836	1.38%	0.116%
2	3.902	74	79	86	rBV2	5056	10676	0.28%	0.023%
3	4.296	142	146	152	rBV5	2629	6011	0.16%	0.013%
4	4.407	161	165	169	rBV2	3817	5842	0.15%	0.013%
5	5.401	327	334	339	rBV2	9768	17048	0.45%	0.037%
6	5.766	393	396	406	rVB4	4701	10525	0.28%	0.023%
7	6.413	501	506	513	rVB	12597	20159	0.53%	0.044%
8	6.566	525	532	541	rBV4	4287	10728	0.28%	0.024%
9	7.366	663	668	675	rBV2	5623	12152	0.32%	0.027%
10	7.472	682	686	692	rVB	15643	20317	0.53%	0.045%
11	7.554	692	700	715	rBV2	630632	1209555	31.66%	2.654%
12	7.713	720	727	736	rVV	556834	876275	22.94%	1.923%
13	7.931	756	764	776	rBV	636498	1064456	27.87%	2.336%
14	8.407	839	845	856	rBV	585474	963619	25.23%	2.114%
15	9.119	959	966	975	rBV	791226	1290123	33.77%	2.831%
16	9.589	1039	1046	1056	rBV	641201	1061588	27.79%	2.329%
17	9.678	1056	1061	1067	rBV2	19092	32814	0.86%	0.072%
18	9.942	1101	1106	1111	rBV	31841	43660	1.14%	0.096%
19	10.319	1162	1170	1183	rBV	522318	890817	23.32%	1.955%
20	10.866	1255	1263	1274	rBV	802340	1350488	35.35%	2.963%
21	11.248	1318	1328	1335	rBV	831950	1428152	37.39%	3.134%
22	11.378	1341	1350	1361	rBV	689083	1203701	31.51%	2.641%
23	12.619	1555	1561	1568	rBV3	3860	7568	0.20%	0.017%
24	12.807	1588	1593	1599	rVB	12553	18374	0.48%	0.040%
25	13.378	1687	1690	1699	rBV2	3866	6547	0.17%	0.014%
26	13.625	1726	1732	1738	rVB3	5975	9907	0.26%	0.022%
27	13.819	1760	1765	1771	rBV	25878	34955	0.92%	0.077%
28	14.336	1848	1853	1857	rBV5	3555	6594	0.17%	0.014%
29	14.419	1857	1867	1871	rBV	1440800	2101311	55.01%	4.611%
30	14.460	1871	1874	1880	rVV	414013	555776	14.55%	1.220%
31	14.507	1880	1882	1890	rVB2	11232	16395	0.43%	0.036%
32	14.583	1890	1895	1900	rBV2	7654	11029	0.29%	0.024%
33	14.636	1900	1904	1908	rBV5	4000	7337	0.19%	0.016%
34	14.730	1913	1920	1931	rBV	1675802	2572492	67.35%	5.645%

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35	14.877	1940	1945	1951	rBV	103902	127714	3.34%	0.280%
36	14.954	1953	1958	1964	rBV6	7559	15318	0.40%	0.034%
37	15.030	1964	1971	1979	rVV2	1205467	1847962	48.38%	4.055%
38	15.154	1987	1992	1996	rVB4	3226	5692	0.15%	0.012%
39	15.219	1996	2003	2014	rBV	642744	1000447	26.19%	2.195%
40	15.319	2016	2020	2026	rVV5	14601	35980	0.94%	0.079%
41	15.372	2026	2029	2034	rVV3	14481	24001	0.63%	0.053%
42	15.424	2035	2038	2043	rVV2	12117	17516	0.46%	0.038%
43	15.489	2044	2049	2057	rVV2	22214	40916	1.07%	0.090%
44	15.560	2057	2061	2067	rVB2	12297	16470	0.43%	0.036%
45	15.707	2083	2086	2093	rVB2	5315	10342	0.27%	0.023%
46	15.777	2093	2098	2101	rBV	44253	59674	1.56%	0.131%
47	15.819	2101	2105	2110	rVB	138358	167978	4.40%	0.369%
48	15.877	2110	2115	2119	rBV4	8637	13614	0.36%	0.030%
49	15.930	2119	2124	2131	rVB4	5582	11460	0.30%	0.025%
50	16.013	2131	2138	2144	rBV	2055499	3050546	79.86%	6.694%
51	16.130	2152	2158	2165	rBV	593455	819106	21.44%	1.797%
52	16.219	2167	2173	2176	rBV	27664	53425	1.40%	0.117%
53	16.319	2185	2190	2194	rVB2	10288	14409	0.38%	0.032%
54	16.371	2195	2199	2202	rBV	11396	14517	0.38%	0.032%
55	16.436	2207	2210	2215	rBV4	14145	18206	0.48%	0.040%
56	16.671	2246	2250	2259	rBV	112945	174795	4.58%	0.384%
57	16.866	2280	2283	2286	rVB2	7192	8554	0.22%	0.019%
58	16.948	2292	2297	2303	rBV4	9064	14711	0.39%	0.032%
59	17.013	2303	2308	2311	rVV5	11090	20275	0.53%	0.044%
60	17.071	2315	2318	2321	rVV3	8475	10561	0.28%	0.023%
61	17.130	2321	2328	2333	rVB5	7150	12992	0.34%	0.029%
62	17.177	2333	2336	2342	rVB4	9134	12526	0.33%	0.027%
63	17.242	2342	2347	2349	rBV3	7778	11094	0.29%	0.024%
64	17.277	2349	2353	2359	rVB3	8322	14763	0.39%	0.032%
65	17.460	2379	2384	2388	rBV	66333	81580	2.14%	0.179%
66	17.513	2388	2393	2396	rVV2	18423	29622	0.78%	0.065%
67	17.542	2396	2398	2404	rVB3	8712	12106	0.32%	0.027%
68	17.607	2404	2409	2412	rBV5	5081	9084	0.24%	0.020%
69	17.636	2412	2414	2418	rVB3	6834	8458	0.22%	0.019%
70	17.754	2426	2434	2444	rVB2	1510481	2155188	56.42%	4.729%
71	17.854	2444	2451	2460	rVB	2311942	3313031	86.73%	7.270%

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72	17.924	2460	2463	2472	rVB3	6478	11019	0.29%	0.024%
73	17.989	2472	2474	2481	rBV5	5676	10119	0.26%	0.022%
74	18.083	2485	2490	2504	rBV3	44739	102171	2.67%	0.224%
75	18.189	2504	2508	2513	rVB	46895	55595	1.46%	0.122%
76	18.336	2530	2533	2536	rBV3	14032	19493	0.51%	0.043%
77	18.366	2536	2538	2544	rVB2	11592	13593	0.36%	0.030%
78	18.471	2552	2556	2560	rBV4	6995	12528	0.33%	0.027%
79	18.589	2571	2576	2589	rBV	409411	618445	16.19%	1.357%
80	18.871	2620	2624	2628	rBV	20767	24716	0.65%	0.054%
81	18.907	2628	2630	2634	rVB3	7768	8682	0.23%	0.019%
82	19.348	2703	2705	2708	rVB3	6546	6549	0.17%	0.014%
83	19.430	2715	2719	2726	rBV2	30534	60627	1.59%	0.133%
84	19.489	2726	2729	2733	rVB4	8185	10381	0.27%	0.023%
85	19.701	2762	2765	2766	rBV3	11842	11025	0.29%	0.024%
86	19.742	2766	2772	2776	rVB	34385	62446	1.63%	0.137%
87	19.836	2784	2788	2806	rBV	120487	218601	5.72%	0.480%
88	19.995	2812	2815	2819	rVB	29656	35669	0.93%	0.078%
89	20.112	2828	2835	2845	rBV	2644800	3819854	100.00%	8.382%
90	21.530	3072	3076	3087	rBV	236708	406078	10.63%	0.891%
91	21.877	3129	3135	3141	rBV	1797726	2469693	64.65%	5.419%
92	22.383	3217	3221	3226	rBV3	57518	83461	2.18%	0.183%
93	22.948	3314	3317	3326	rVB3	79230	122969	3.22%	0.270%
94	23.095	3338	3342	3347	rVB	121226	165996	4.35%	0.364%
95	23.506	3408	3412	3419	rVB2	108531	190177	4.98%	0.417%
96	24.136	3515	3519	3522	rBV2	113475	183227	4.80%	0.402%
97	24.200	3522	3530	3546	rVB2	1768570	3731866	97.70%	8.189%
98	24.353	3548	3556	3565	rVB2	1136978	2361035	61.81%	5.181%
99	24.859	3637	3642	3651	rVB	136550	300440	7.87%	0.659%
100	25.700	3779	3785	3793	rVB	116878	272882	7.14%	0.599%

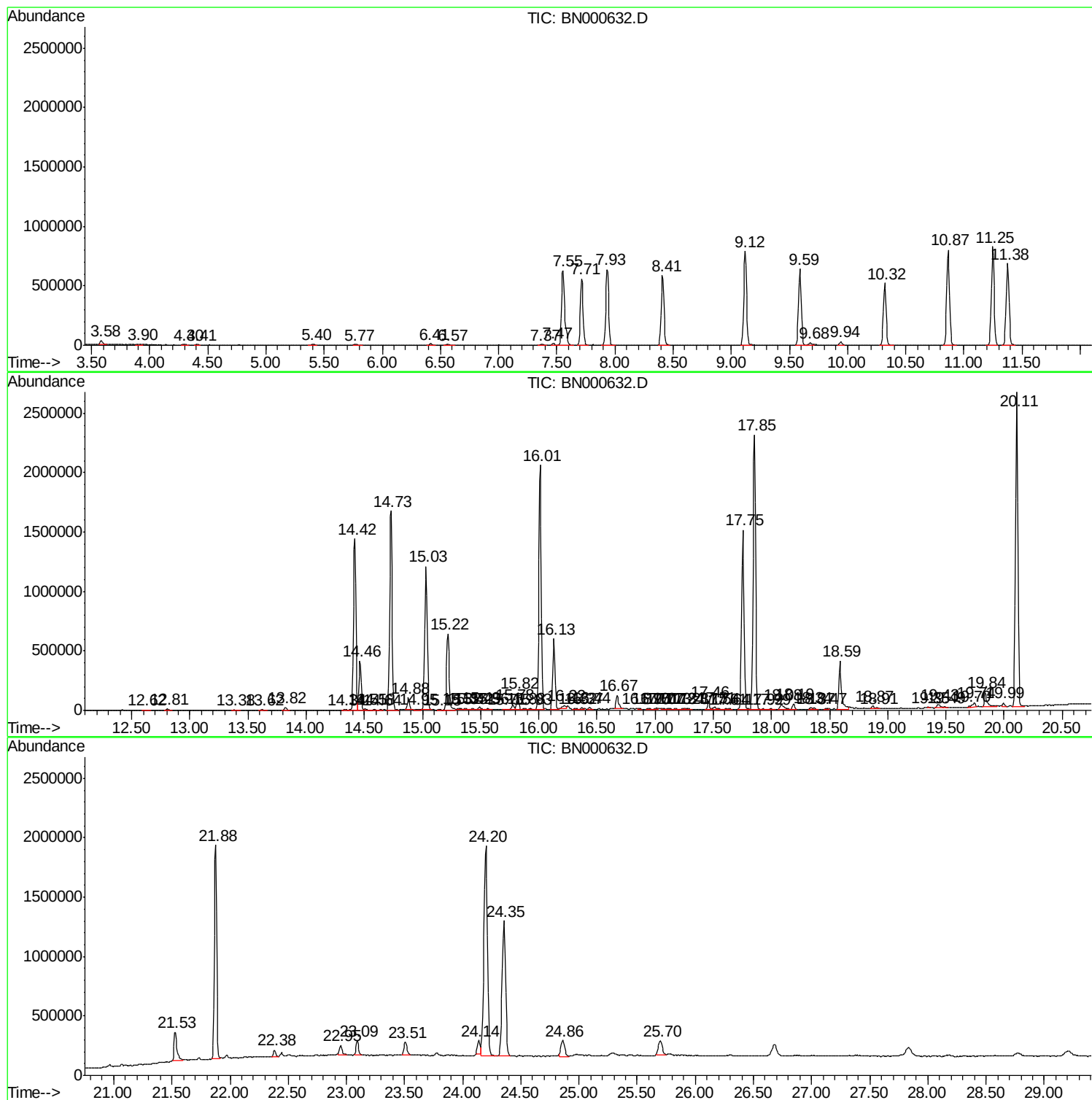
Sum of corrected areas: 45573797

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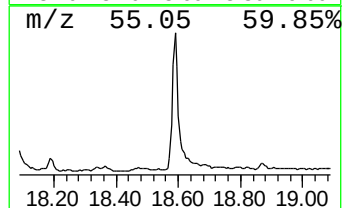
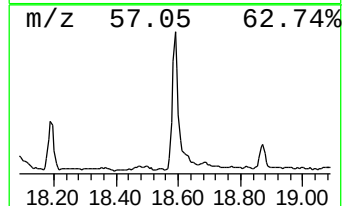
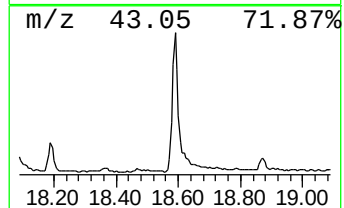
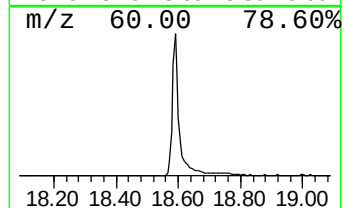
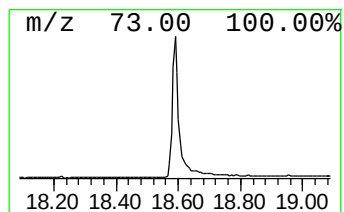
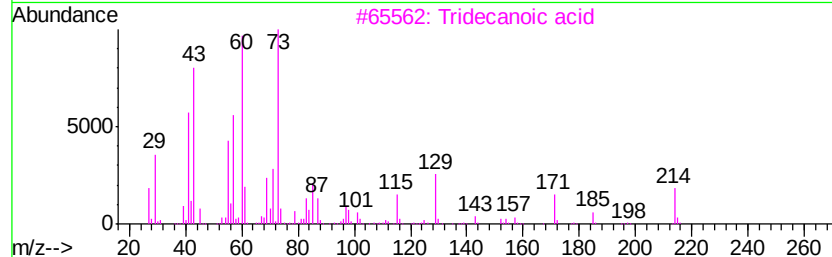
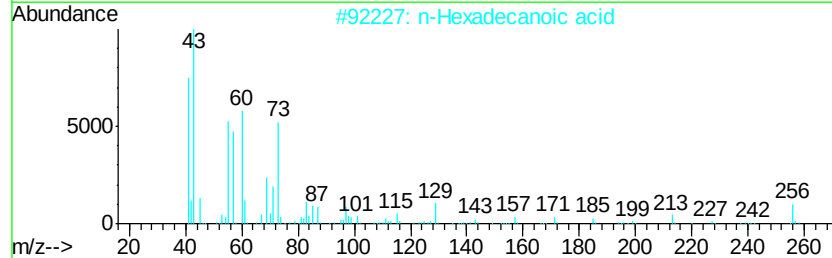
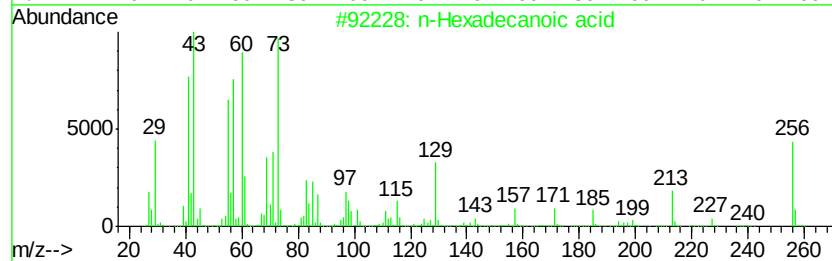
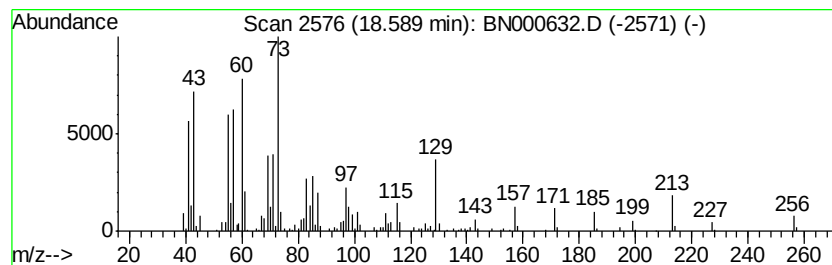
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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	5.74 ng/ul	618445	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	Tridecanoic acid		214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	45



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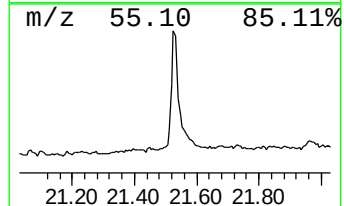
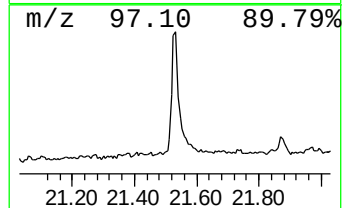
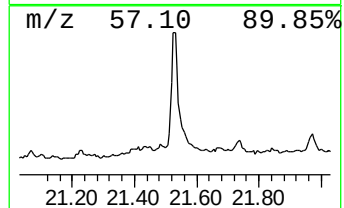
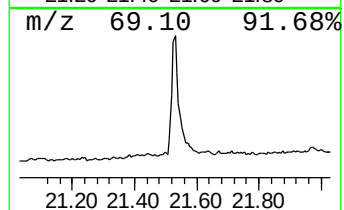
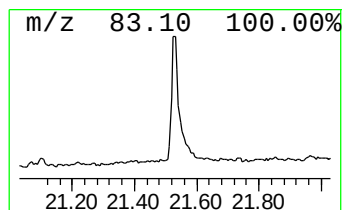
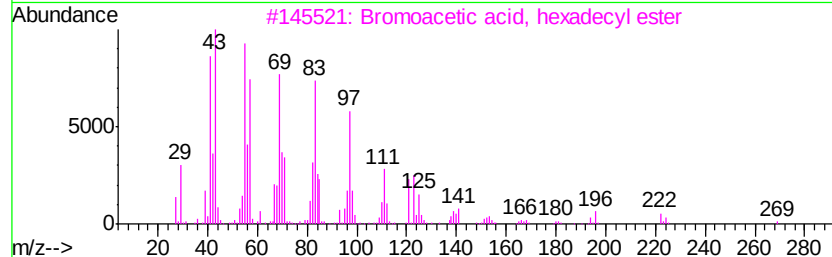
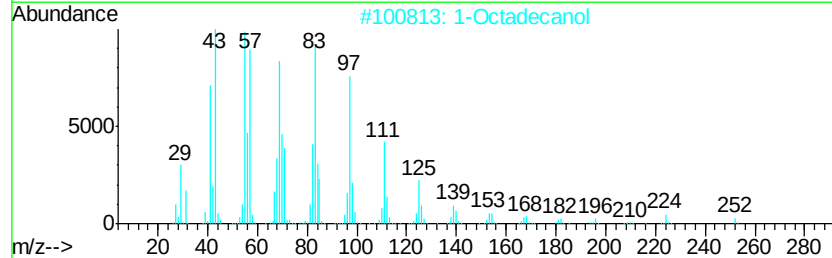
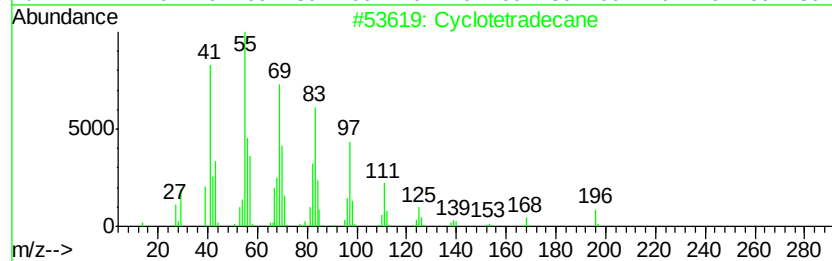
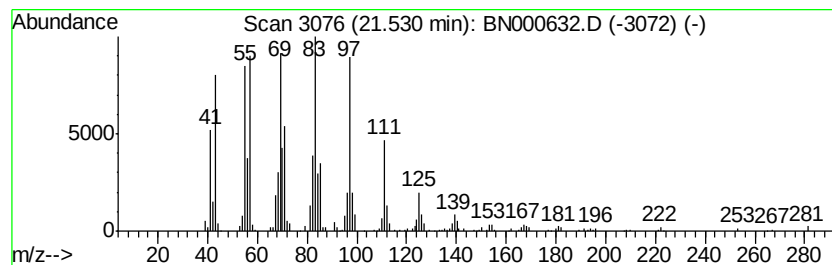
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.53	3.29 ng/ul	406078	Chrysene-d12		21.88		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	93
2			1-Octadecanol	270	C18H38O	000112-92-5	91
3			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4			1-Hexadecanol	242	C16H34O	036653-82-4	91
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90



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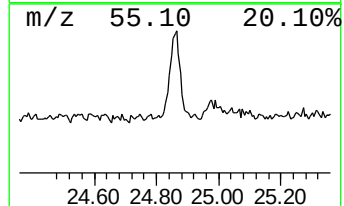
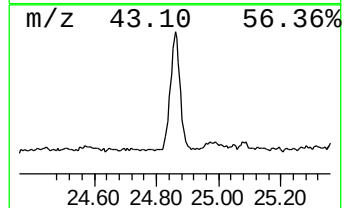
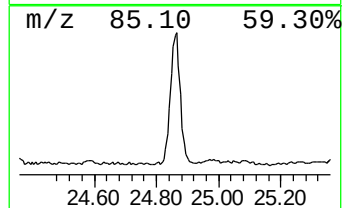
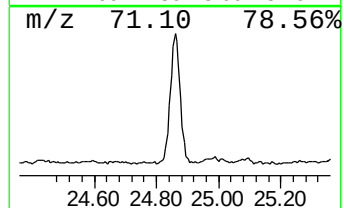
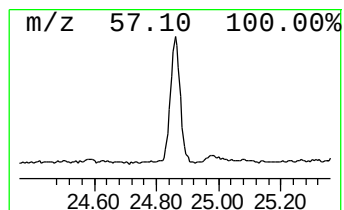
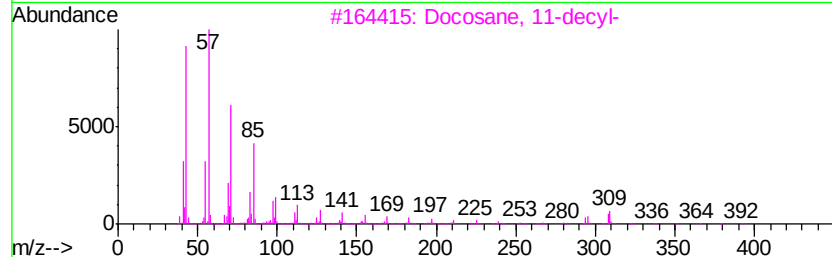
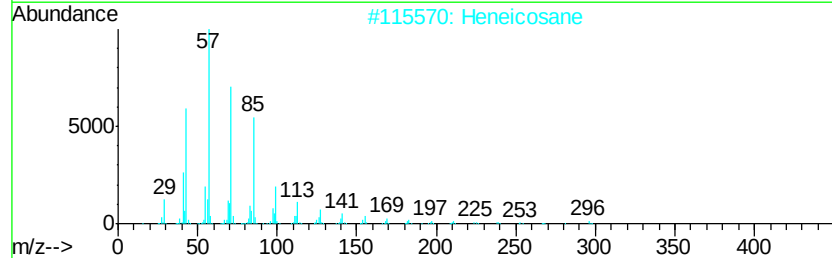
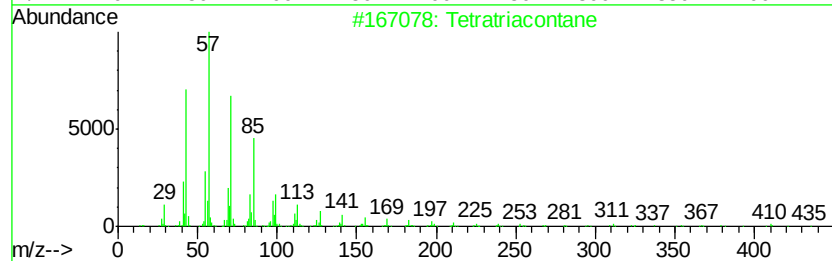
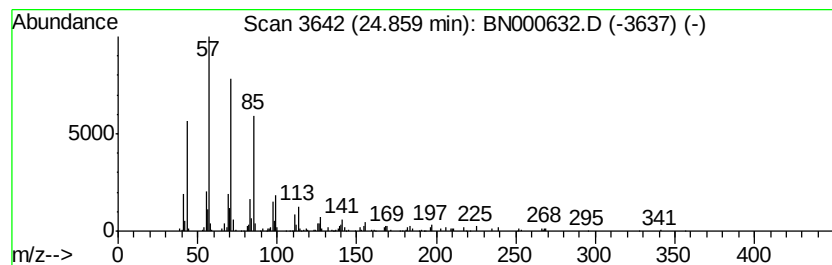
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.54 ng/ul	300440	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Heptacosane	380	C27H56	000593-49-7	91



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ7

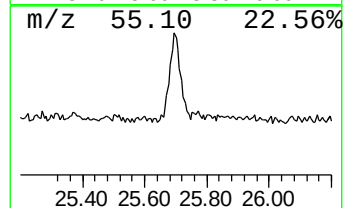
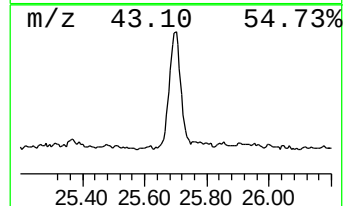
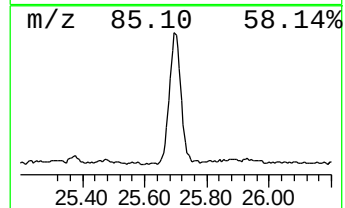
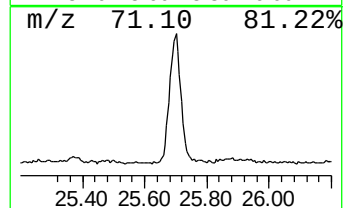
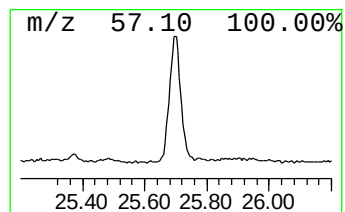
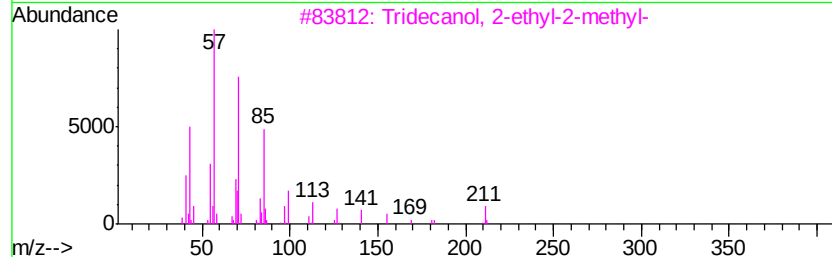
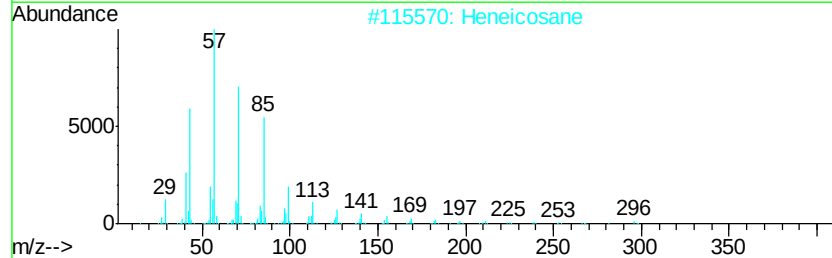
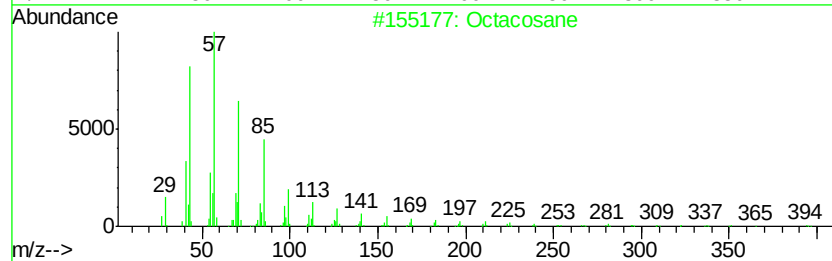
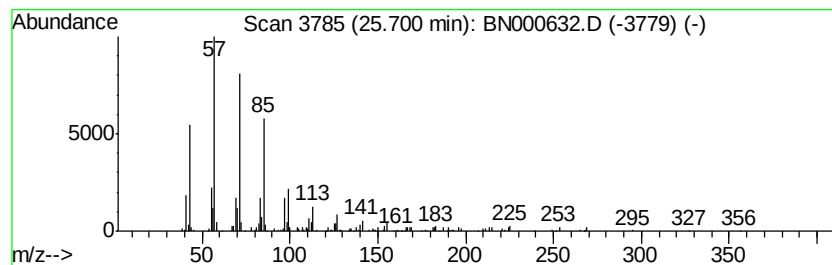
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Quant Title : SVOA CALIBRATION

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.
25.70	2.31 ng/ul	272882	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4			Pentacosane	352	C25H52	000629-99-2	90
5			Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000632.D
Acq On : 26 Mar 2018 22:11
Operator : JU/SJ
Sample : J1986-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ7

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	5.7	ng/ul	618445	4	17.75	2155190	20.0
(DEL) Alkane: Cyc...	21.53	3.3	ng/ul	406078	5	21.88	2469690	20.0
(DEL) Alkane: Str...	24.86	2.5	ng/ul	300440	6	24.35	2361040	20.0
(DEL) Alkane: Str...	25.70	2.3	ng/ul	272882	6	24.35	2361040	20.0