

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006071.D
 Acq On : 04 Jun 2019 19:39
 Operator : JU/SJ
 Sample : K2927-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A4

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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	3.152	24	28	38	rVB	49415	69364	1.42%	0.103%
2	3.569	95	99	103	rVB	19590	25654	0.52%	0.038%
3	3.663	111	115	120	rVB	107402	128230	2.62%	0.190%
4	3.787	131	136	140	rVB	64613	91601	1.87%	0.135%
5	3.881	148	152	158	rVB	18174	26193	0.54%	0.039%
6	4.234	209	212	218	rVB6	10952	19006	0.39%	0.028%
7	4.422	240	244	250	rVB4	16077	24105	0.49%	0.036%
8	4.775	299	304	309	rVB	54194	79964	1.63%	0.118%
9	4.869	317	320	327	rVB3	13376	23564	0.48%	0.035%
10	6.522	597	601	606	rBV2	13296	18702	0.38%	0.028%
11	6.822	644	652	667	rBV	631543	1032029	21.09%	1.526%
12	6.987	674	680	692	rBV	526271	818207	16.72%	1.210%
13	7.181	706	713	724	rBV	686745	1084784	22.17%	1.604%
14	7.651	786	793	811	rBV	903291	1519465	31.05%	2.246%
15	8.357	906	913	928	rBV	614053	1065415	21.77%	1.575%
16	8.804	981	989	997	rBV	601321	1022500	20.90%	1.512%
17	8.869	997	1000	1006	rVV2	20938	40461	0.83%	0.060%
18	9.522	1104	1111	1123	rBV	517350	862761	17.63%	1.275%
19	10.057	1195	1202	1223	rBV	764394	1334289	27.27%	1.973%
20	10.434	1258	1266	1281	rBV	1302443	2212833	45.22%	3.271%
21	10.575	1284	1290	1306	rVV	101494	261096	5.34%	0.386%
22	12.034	1531	1538	1543	rVB3	11369	20650	0.42%	0.031%
23	13.716	1818	1824	1828	rVV	1387906	1915164	39.14%	2.831%
24	13.763	1828	1832	1841	rVB	428278	601039	12.28%	0.889%
25	13.992	1862	1871	1886	rBV	1537802	2380596	48.65%	3.519%
26	14.304	1917	1924	1931	rVV2	1845651	2775143	56.71%	4.103%
27	14.369	1931	1935	1943	rVB	36053	62144	1.27%	0.092%
28	14.516	1953	1960	1975	rBV	294093	588683	12.03%	0.870%
29	14.663	1981	1985	1989	rBV	41075	64430	1.32%	0.095%
30	14.704	1990	1992	1994	rVV3	16290	19141	0.39%	0.028%
31	14.733	1994	1997	2003	rVB7	21058	29456	0.60%	0.044%
32	15.110	2057	2061	2068	rBV2	25514	40738	0.83%	0.060%
33	15.304	2087	2094	2100	rBV	1997680	2869699	58.65%	4.243%
34	15.357	2100	2103	2110	rVV2	45706	72521	1.48%	0.107%

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35	15.433	2110	2116	2128	rVV	497284	743989	15.20%	1.100%
36	15.539	2129	2134	2141	rVB3	24006	48700	1.00%	0.072%
37	15.651	2149	2153	2156	rBV4	12637	19973	0.41%	0.030%
38	15.804	2174	2179	2187	rVB5	9587	20021	0.41%	0.030%
39	16.033	2214	2218	2224	rBV3	22714	36226	0.74%	0.054%
40	16.092	2224	2228	2233	rVB5	12599	19014	0.39%	0.028%
41	16.469	2289	2292	2298	rVB8	12811	18236	0.37%	0.027%
42	16.716	2329	2334	2343	rVB4	23793	52695	1.08%	0.078%
43	16.875	2358	2361	2365	rVB	28745	37022	0.76%	0.055%
44	16.963	2373	2376	2383	rVB8	11612	22909	0.47%	0.034%
45	17.057	2383	2392	2396	rBV2	2302230	3313607	67.72%	4.899%
46	17.098	2396	2399	2404	rVV	686537	940622	19.22%	1.391%
47	17.157	2404	2409	2420	rVB	1893113	2866376	58.58%	4.238%
48	17.463	2452	2461	2474	rBV	96229	227042	4.64%	0.336%
49	17.574	2476	2480	2488	rVV7	24987	55607	1.14%	0.082%
50	17.633	2488	2490	2499	rVB7	18081	29324	0.60%	0.043%
51	17.769	2510	2513	2520	rVB5	36997	49870	1.02%	0.074%
52	17.845	2520	2526	2530	rBV7	14118	32674	0.67%	0.048%
53	17.886	2530	2533	2536	rBV3	34134	35427	0.72%	0.052%
54	17.933	2536	2541	2543	rBV	72999	106256	2.17%	0.157%
55	17.963	2543	2546	2555	rVB2	266164	503633	10.29%	0.745%
56	18.063	2561	2563	2569	rVB2	28640	36535	0.75%	0.054%
57	18.127	2569	2574	2578	rBV3	132534	229525	4.69%	0.339%
58	18.169	2578	2581	2588	rVB	63959	88660	1.81%	0.131%
59	18.257	2588	2596	2598	rBV8	28028	52808	1.08%	0.078%
60	18.292	2598	2602	2606	rVB4	31386	48133	0.98%	0.071%
61	18.392	2616	2619	2624	rBV6	39773	57114	1.17%	0.084%
62	18.439	2624	2627	2631	rVV	75113	106514	2.18%	0.157%
63	18.480	2631	2634	2643	rVB	113929	171393	3.50%	0.253%
64	18.686	2665	2669	2674	rVB2	96251	132286	2.70%	0.196%
65	18.739	2674	2678	2681	rBV4	35904	47927	0.98%	0.071%
66	18.863	2693	2699	2702	rBV2	71276	133251	2.72%	0.197%
67	18.898	2702	2705	2708	rVV3	47562	59324	1.21%	0.088%
68	18.933	2708	2711	2713	rVV3	34595	40029	0.82%	0.059%
69	19.004	2719	2723	2729	rBV	66229	116028	2.37%	0.172%
70	19.127	2736	2744	2752	rBV	1962320	2657447	54.31%	3.929%
71	19.227	2758	2761	2764	rBV3	51971	65242	1.33%	0.096%

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72	19.463	2795	2801	2804	rBV2	2716290	3945496	80.63%	5.833%
73	19.492	2804	2806	2815	rVB	1595070	1963114	40.12%	2.902%
74	19.569	2815	2819	2822	rBV3	50755	69034	1.41%	0.102%
75	19.604	2822	2825	2831	rVB	176631	221005	4.52%	0.327%
76	19.680	2833	2838	2841	rBV	75191	123195	2.52%	0.182%
77	19.827	2857	2863	2868	rBV3	85403	212170	4.34%	0.314%
78	19.957	2881	2885	2886	rBV3	70438	85686	1.75%	0.127%
79	19.998	2888	2892	2894	rVV	221453	299255	6.12%	0.442%
80	20.021	2894	2896	2901	rVB	115788	130091	2.66%	0.192%
81	20.098	2905	2909	2912	rBV	141658	179903	3.68%	0.266%
82	20.157	2914	2919	2922	rBV2	102152	169647	3.47%	0.251%
83	20.298	2940	2943	2945	rBV	48718	56432	1.15%	0.083%
84	20.333	2947	2949	2955	rVB4	75265	120951	2.47%	0.179%
85	20.745	3016	3019	3026	rVB	140296	201959	4.13%	0.299%
86	20.915	3044	3048	3051	rBV2	144809	205987	4.21%	0.305%
87	20.951	3052	3054	3057	rBV	107505	109689	2.24%	0.162%
88	20.992	3057	3061	3067	rBV2	646879	999418	20.42%	1.478%
89	21.192	3092	3095	3099	rVB	175680	169129	3.46%	0.250%
90	21.268	3102	3108	3112	rVV2	2855750	4893140	100.00%	7.234%
91	21.310	3112	3115	3125	rVB	1051405	1437246	29.37%	2.125%
92	21.433	3132	3136	3140	rBV2	268628	359109	7.34%	0.531%
93	21.868	3206	3210	3212	rBV2	534911	673501	13.76%	0.996%
94	22.327	3284	3288	3300	rVB2	1155849	1701173	34.77%	2.515%
95	22.833	3369	3374	3380	rBV2	2037702	3894249	79.59%	5.757%
96	22.886	3380	3383	3393	rVB3	707031	1257788	25.71%	1.860%
97	23.315	3452	3456	3459	rBV	428861	652634	13.34%	0.965%
98	23.362	3460	3464	3468	rBV2	1443937	2572704	52.58%	3.803%
99	23.509	3483	3489	3494	rBV	1756409	3111713	63.59%	4.600%
100	24.039	3574	3579	3590	rVB	750370	1404705	28.71%	2.077%

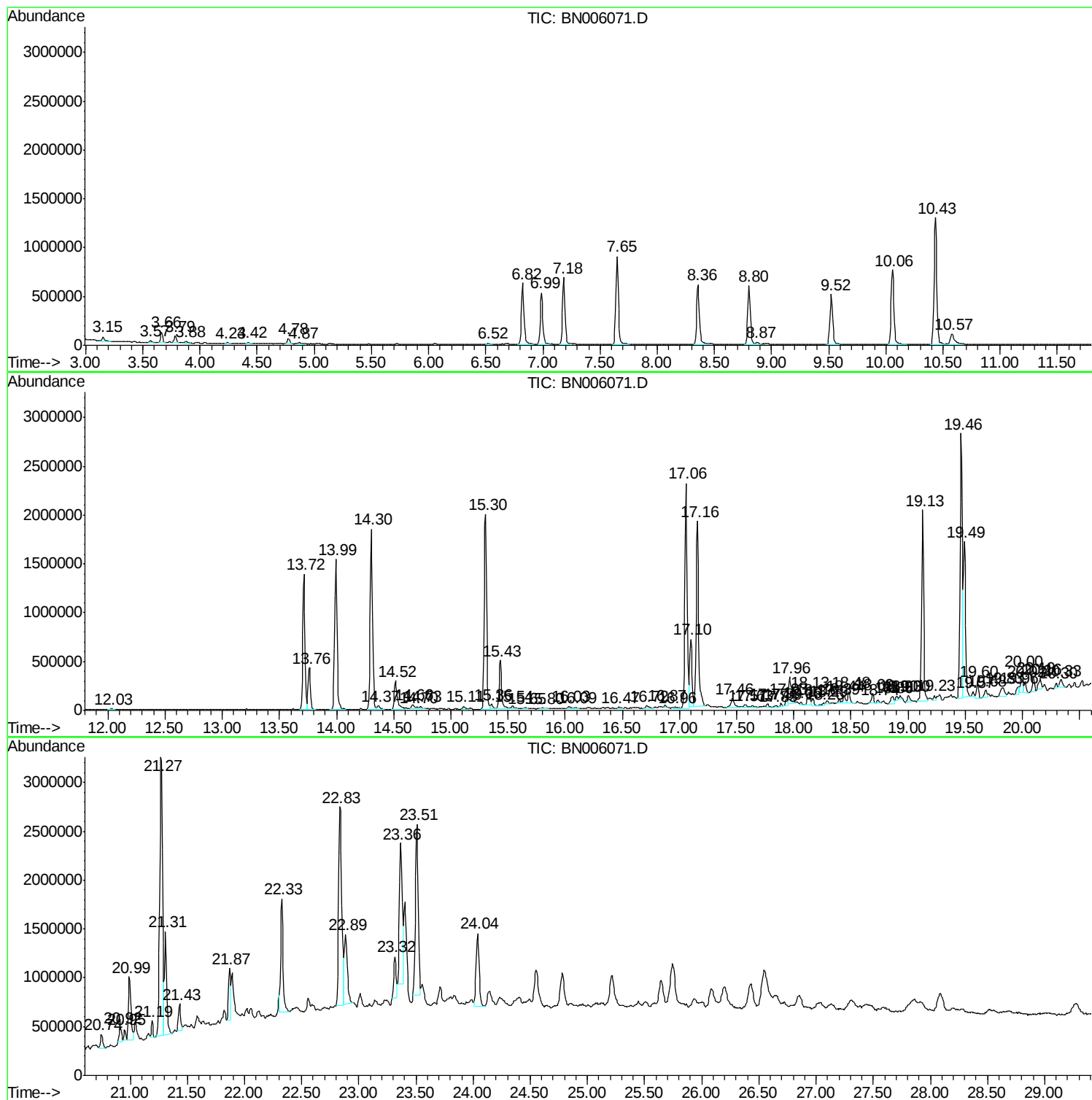
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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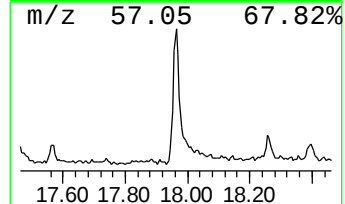
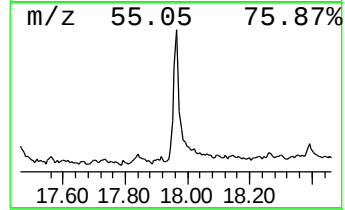
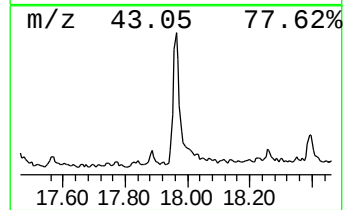
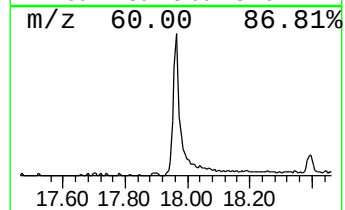
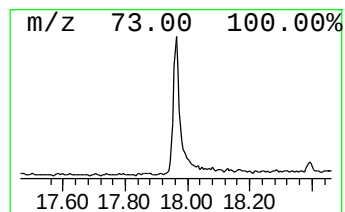
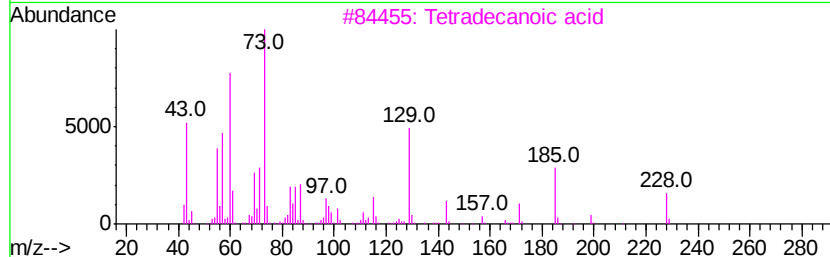
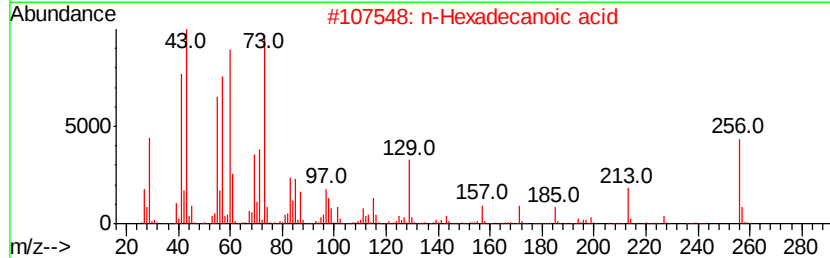
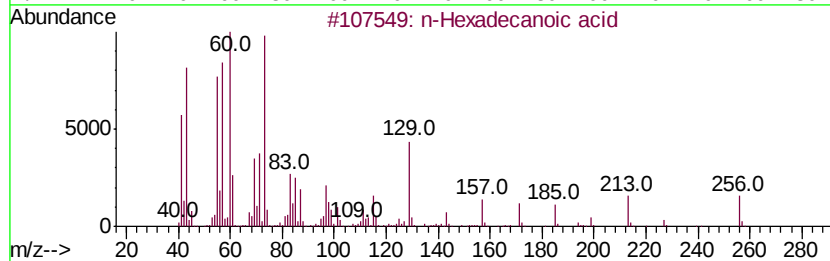
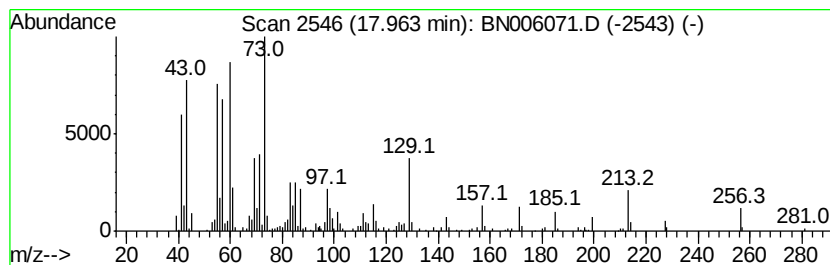
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.04 ng/ul	503633	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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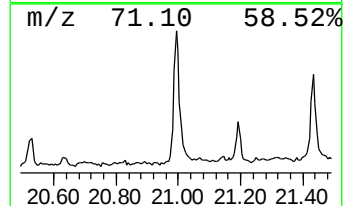
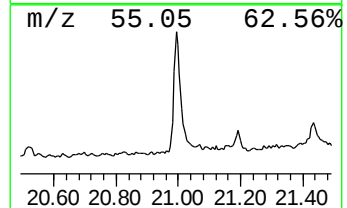
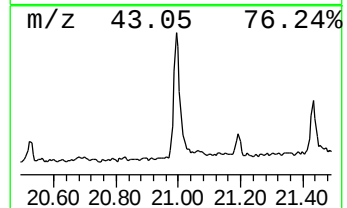
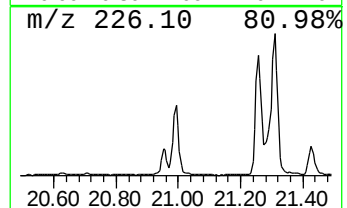
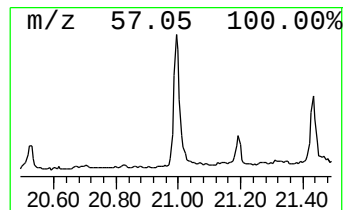
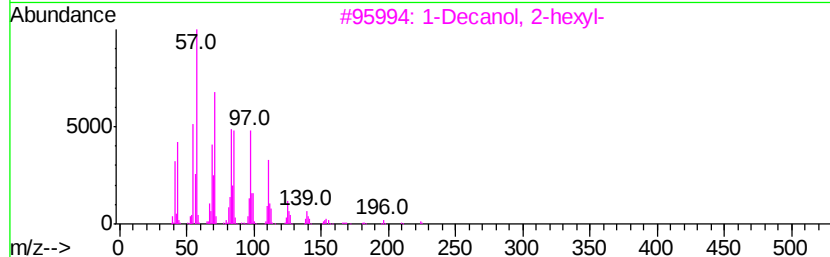
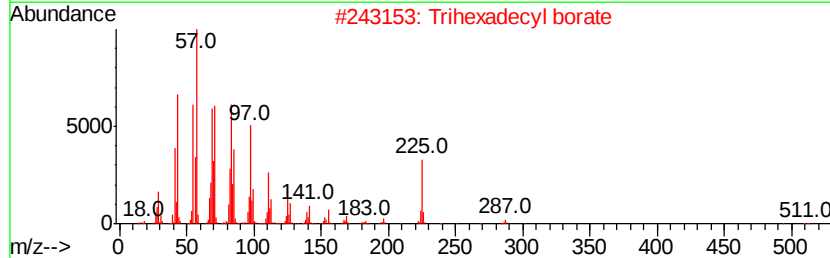
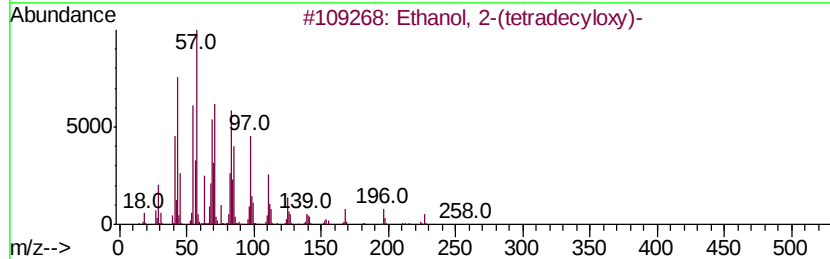
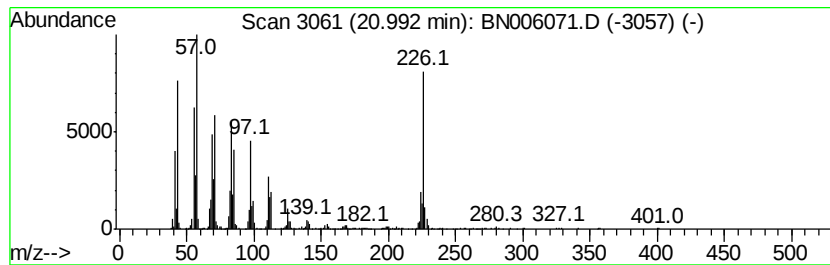
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.08 ng/ul	999418	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	55
2		Trihexadecyl borate	735	C48H99B03	002665-11-4	53
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	50
5		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	49



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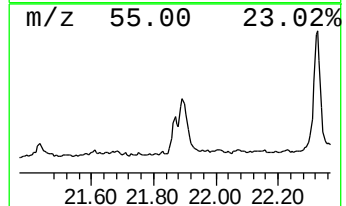
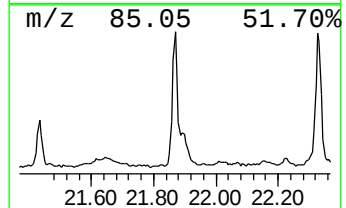
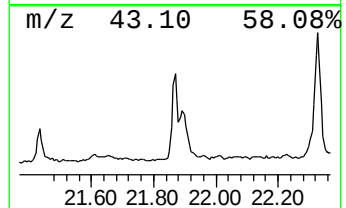
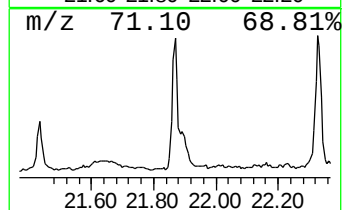
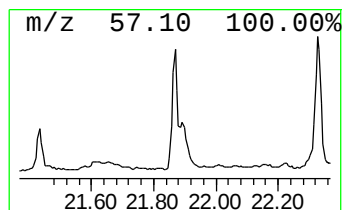
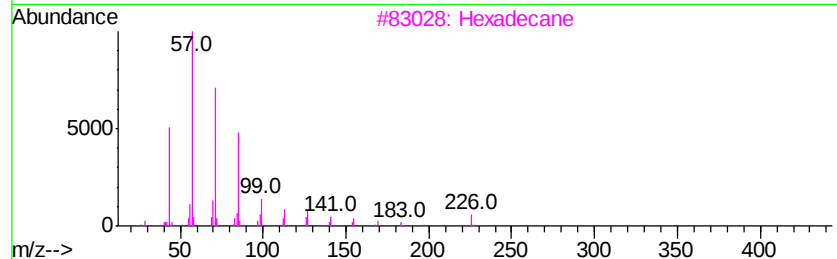
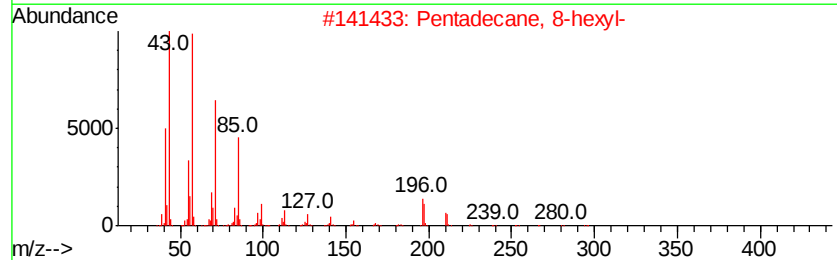
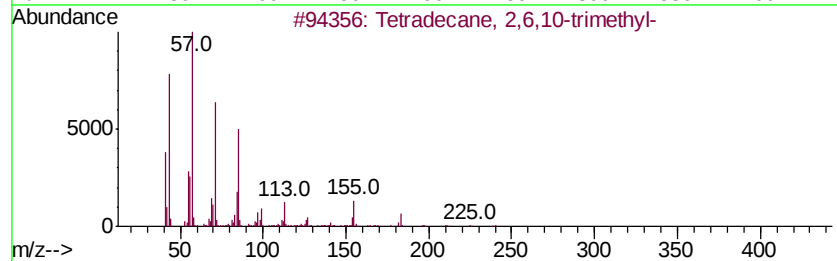
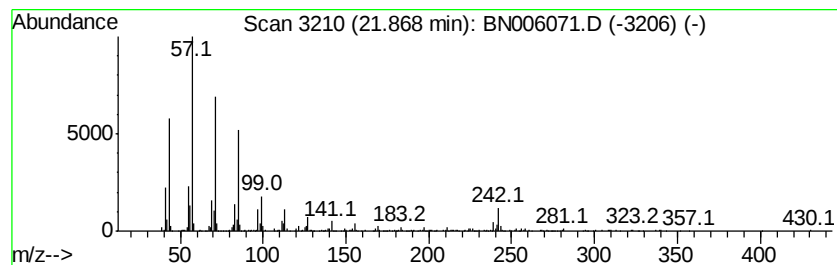
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.75 ng/ul	673501	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006071.D
Acq On : 04 Jun 2019 19:39
Operator : JU/SJ
Sample : K2927-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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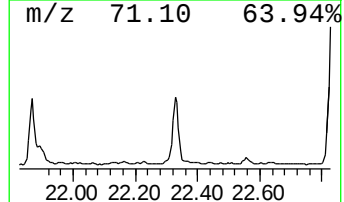
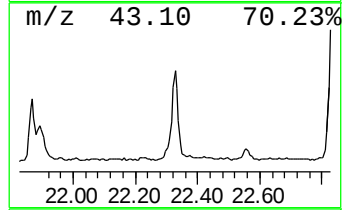
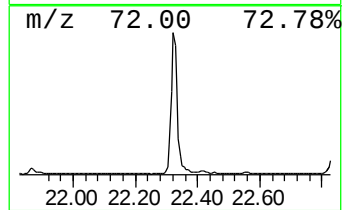
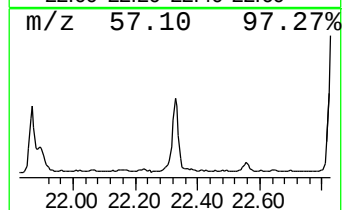
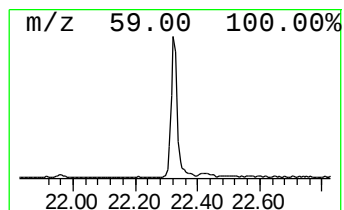
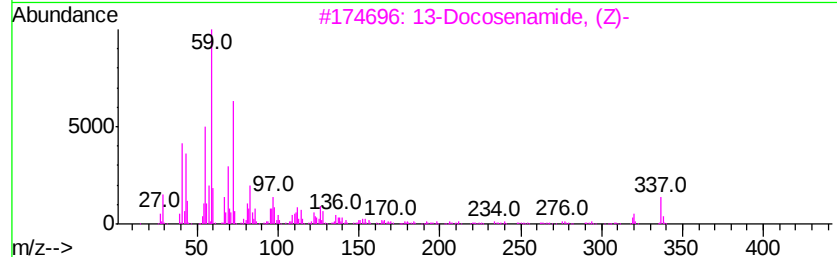
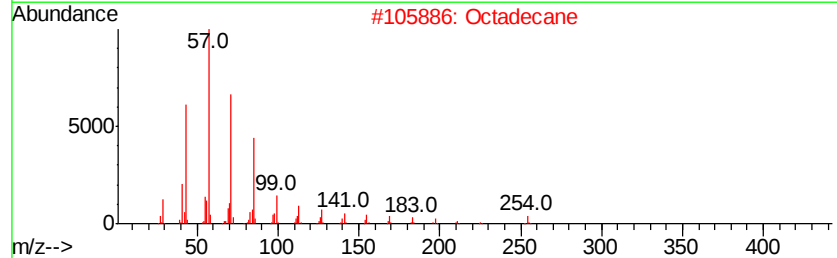
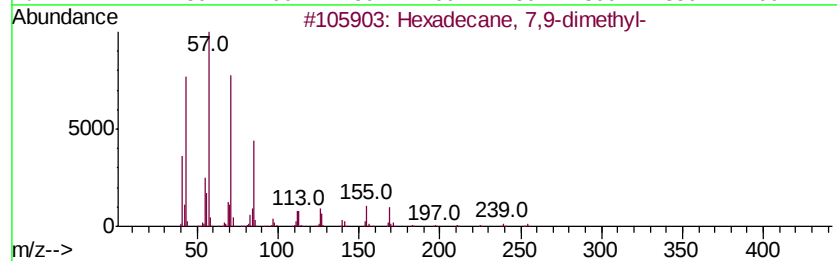
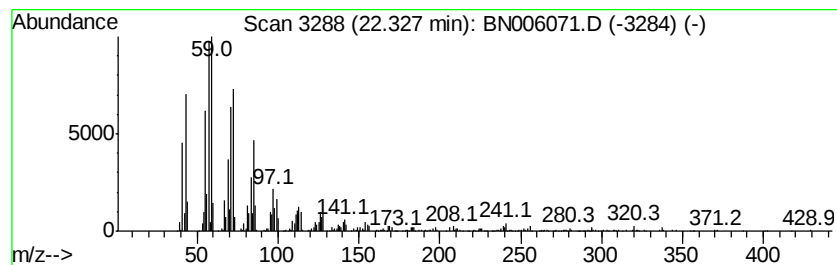
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.33	6.95 ng/ul	1701170	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
2		Octadecane	254	C18H38	000593-45-3	47
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	42
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
5		1-Chloroeicosane	316	C20H41Cl	042217-02-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006071.D
Acq On : 04 Jun 2019 19:39
Operator : JU/SJ
Sample : K2927-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A4

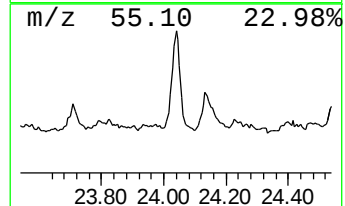
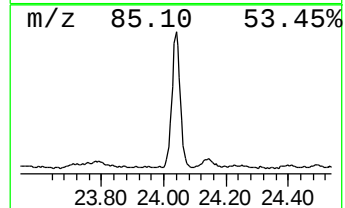
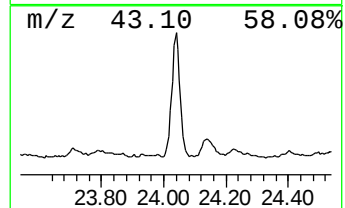
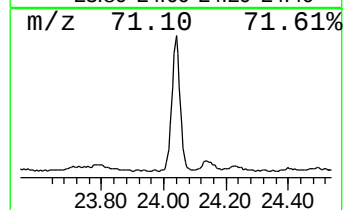
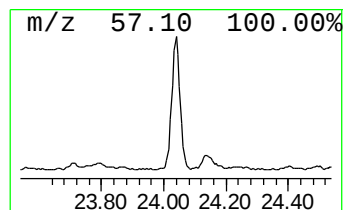
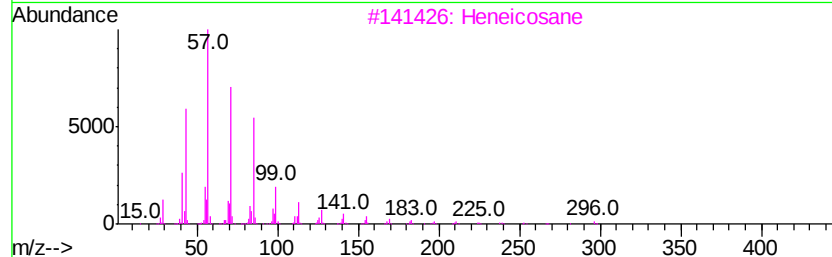
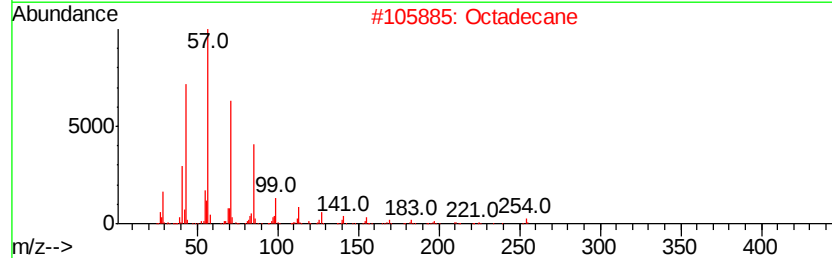
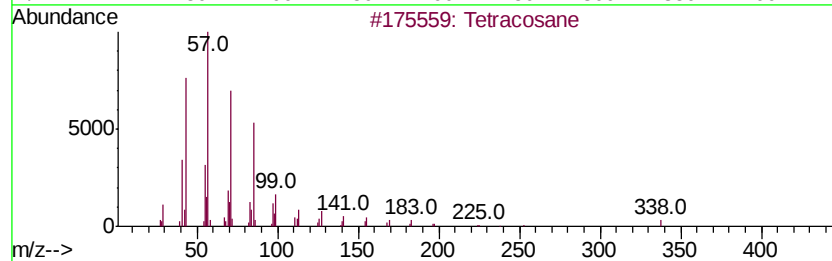
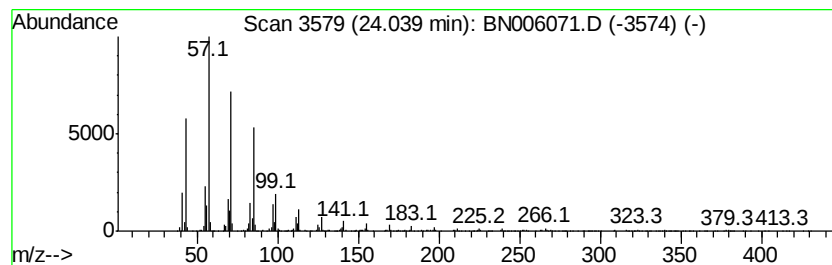
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	9.03 ng/ul	1404710	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	92
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
Data File : BN006071.D
Acq On : 04 Jun 2019 19:39
Operator : JU/SJ
Sample : K2927-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42A4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	3.0	ng/ul	503633	4	17.06	3313610	20.0
Ethanol, 2-(tetra...	20.99	4.1	ng/ul	999418	5	21.27	4893140	20.0
(DEL) Alkane: Str...	21.87	2.8	ng/ul	673501	5	21.27	4893140	20.0
(DEL) Alkane: Str...	22.33	7.0	ng/ul	1701170	5	21.27	4893140	20.0
(DEL) Alkane: Str...	24.04	9.0	ng/ul	1404710	6	23.51	3111710	20.0