

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005898.D
 Acq On : 24 May 2019 20:01
 Operator : JU/SJ
 Sample : K2924-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4277

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-BN051819MA.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	6.764	636	642	655	rBV	235000	537571	18.21%	1.864%
2	6.905	660	666	680	rVB	229975	392048	13.28%	1.360%
3	7.099	694	699	715	rVB	318571	547393	18.54%	1.898%
4	7.552	771	776	787	rBV	263144	458830	15.54%	1.591%
5	8.281	895	900	915	rVB2	254962	538714	18.25%	1.868%
6	8.705	966	972	988	rVB	324054	595374	20.17%	2.065%
7	9.116	1038	1042	1045	rVB3	13552	17245	0.58%	0.060%
8	9.422	1088	1094	1107	rBV	237226	468082	15.86%	1.623%
9	9.975	1182	1188	1213	rBV	270622	739701	25.06%	2.565%
10	10.316	1240	1246	1254	rBV	408071	669901	22.69%	2.323%
11	10.475	1267	1273	1292	rBV2	188548	478894	16.22%	1.661%
12	13.610	1800	1806	1811	rBV	855369	1304003	44.18%	4.522%
13	13.663	1811	1815	1827	rVB	270141	445246	15.08%	1.544%
14	13.887	1846	1853	1865	rBV	969205	1478072	50.07%	5.126%
15	14.110	1887	1891	1894	rVB3	3103	4214	0.14%	0.015%
16	14.199	1899	1906	1914	rVV2	654127	1033022	35.00%	3.582%
17	14.263	1914	1917	1924	rVB3	7035	10982	0.37%	0.038%
18	14.499	1951	1957	1974	rBV2	79658	299469	10.15%	1.039%
19	14.898	2022	2025	2026	rVV	3158	3345	0.11%	0.012%
20	14.922	2027	2029	2033	rVB3	4008	4101	0.14%	0.014%
21	15.063	2051	2053	2059	rVB3	4499	6062	0.21%	0.021%
22	15.198	2070	2076	2085	rBV	1229141	1943095	65.83%	6.738%
23	15.275	2085	2089	2094	rVB3	12371	18792	0.64%	0.065%
24	15.375	2101	2106	2116	rBV	140034	286476	9.71%	0.993%
25	15.451	2116	2119	2127	rVB4	15494	25550	0.87%	0.089%
26	15.575	2135	2140	2142	rBV3	2764	3450	0.12%	0.012%
27	15.928	2196	2200	2202	rBV3	3312	3780	0.13%	0.013%
28	15.993	2208	2211	2214	rVB	4033	5223	0.18%	0.018%
29	16.328	2265	2268	2276	rVB3	2633	5142	0.17%	0.018%
30	16.504	2294	2298	2304	rBV2	15597	22713	0.77%	0.079%
31	16.634	2316	2320	2324	rBV3	3531	5502	0.19%	0.019%
32	16.722	2332	2335	2336	rBV2	3786	3562	0.12%	0.012%
33	16.881	2357	2362	2363	rBV2	1995	3187	0.11%	0.011%
34	16.957	2369	2375	2380	rBV2	1009246	1421619	48.16%	4.930%

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35	16.998	2380	2382	2386	rVV	110324	121869	4.13%	0.423%
36	17.057	2386	2392	2407	rVB	1351336	2088338	70.75%	7.242%
37	17.410	2448	2452	2458	rBV2	5775	8751	0.30%	0.030%
38	17.763	2509	2512	2518	rVB5	2143	3899	0.13%	0.014%
39	17.875	2522	2531	2545	rBV3	121607	283809	9.61%	0.984%
40	17.992	2548	2551	2555	rVV5	8353	15582	0.53%	0.054%
41	18.045	2555	2560	2564	rVV2	20408	35500	1.20%	0.123%
42	18.087	2564	2567	2573	rVB4	8199	12894	0.44%	0.045%
43	18.157	2577	2579	2583	rVB4	5171	6049	0.20%	0.021%
44	18.239	2586	2593	2595	rBV5	3734	8140	0.28%	0.028%
45	18.351	2608	2612	2615	rBV3	5944	8775	0.30%	0.030%
46	18.387	2616	2618	2620	rVV2	3237	3177	0.11%	0.011%
47	18.422	2620	2624	2627	rVB5	5150	6493	0.22%	0.023%
48	18.604	2651	2655	2656	rBV3	3937	3558	0.12%	0.012%
49	18.657	2661	2664	2667	rVB3	2627	3014	0.10%	0.010%
50	18.692	2667	2670	2677	rBV4	2901	5966	0.20%	0.021%
51	18.775	2680	2684	2686	rBV3	8545	10177	0.34%	0.035%
52	18.798	2686	2688	2692	rVV2	4608	6796	0.23%	0.024%
53	18.839	2692	2695	2697	rVB4	2527	3369	0.11%	0.012%
54	18.934	2704	2711	2714	rBV4	7121	14354	0.49%	0.050%
55	19.010	2720	2724	2725	rBV	14212	16831	0.57%	0.058%
56	19.039	2725	2729	2738	rVB	162639	226725	7.68%	0.786%
57	19.169	2747	2751	2760	rBV4	34864	73740	2.50%	0.256%
58	19.263	2763	2767	2773	rVB2	12647	21375	0.72%	0.074%
59	19.375	2780	2786	2803	rVB	1912129	2920200	98.93%	10.127%
60	19.492	2803	2806	2811	rBV5	6836	10389	0.35%	0.036%
61	19.610	2822	2826	2831	rBV3	7104	10402	0.35%	0.036%
62	19.757	2844	2851	2857	rBV4	8586	21864	0.74%	0.076%
63	19.875	2868	2871	2872	rBV2	5485	5069	0.17%	0.018%
64	19.933	2872	2881	2886	rVV4	36511	72390	2.45%	0.251%
65	20.028	2893	2897	2901	rBV2	13253	20533	0.70%	0.071%
66	20.086	2903	2907	2917	rVB5	14297	30586	1.04%	0.106%
67	20.163	2917	2920	2922	rBV4	4161	4398	0.15%	0.015%
68	20.228	2927	2931	2934	rBV	10098	12531	0.42%	0.043%
69	20.269	2934	2938	2942	rBV4	10689	17362	0.59%	0.060%
70	20.375	2953	2956	2959	rBV4	5391	8491	0.29%	0.029%
71	20.433	2963	2966	2971	rVV	34248	41072	1.39%	0.142%

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72	20.475	2971	2973	2976	rVB3	5828	6478	0.22%	0.022%
73	20.551	2984	2986	2990	rVB4	8371	10259	0.35%	0.036%
74	20.686	3006	3009	3015	rVB2	13514	20313	0.69%	0.070%
75	20.733	3015	3017	3020	rBV3	4965	6795	0.23%	0.024%
76	20.845	3032	3036	3039	rBV3	12849	22257	0.75%	0.077%
77	20.875	3039	3041	3042	rBV2	11430	9302	0.32%	0.032%
78	20.910	3042	3047	3058	rVV2	266512	492583	16.69%	1.708%
79	21.104	3078	3080	3086	rVB4	14016	19146	0.65%	0.066%
80	21.192	3088	3095	3101	rBV2	1279355	1949545	66.05%	6.761%
81	21.351	3118	3122	3127	rBV2	87923	103965	3.52%	0.361%
82	21.775	3189	3194	3197	rBV2	132049	179014	6.06%	0.621%
83	21.804	3197	3199	3206	rVB6	61541	95836	3.25%	0.332%
84	22.227	3266	3271	3281	rBV	255502	404084	13.69%	1.401%
85	22.716	3350	3354	3358	rBV	231222	338625	11.47%	1.174%
86	23.257	3439	3446	3460	rVB	1521066	2951803	100.00%	10.237%
87	23.392	3462	3469	3485	rBV	853619	1709986	57.93%	5.930%
88	23.880	3547	3552	3559	rVB2	204460	353228	11.97%	1.225%
89	24.592	3668	3673	3682	rVB	116829	217900	7.38%	0.756%

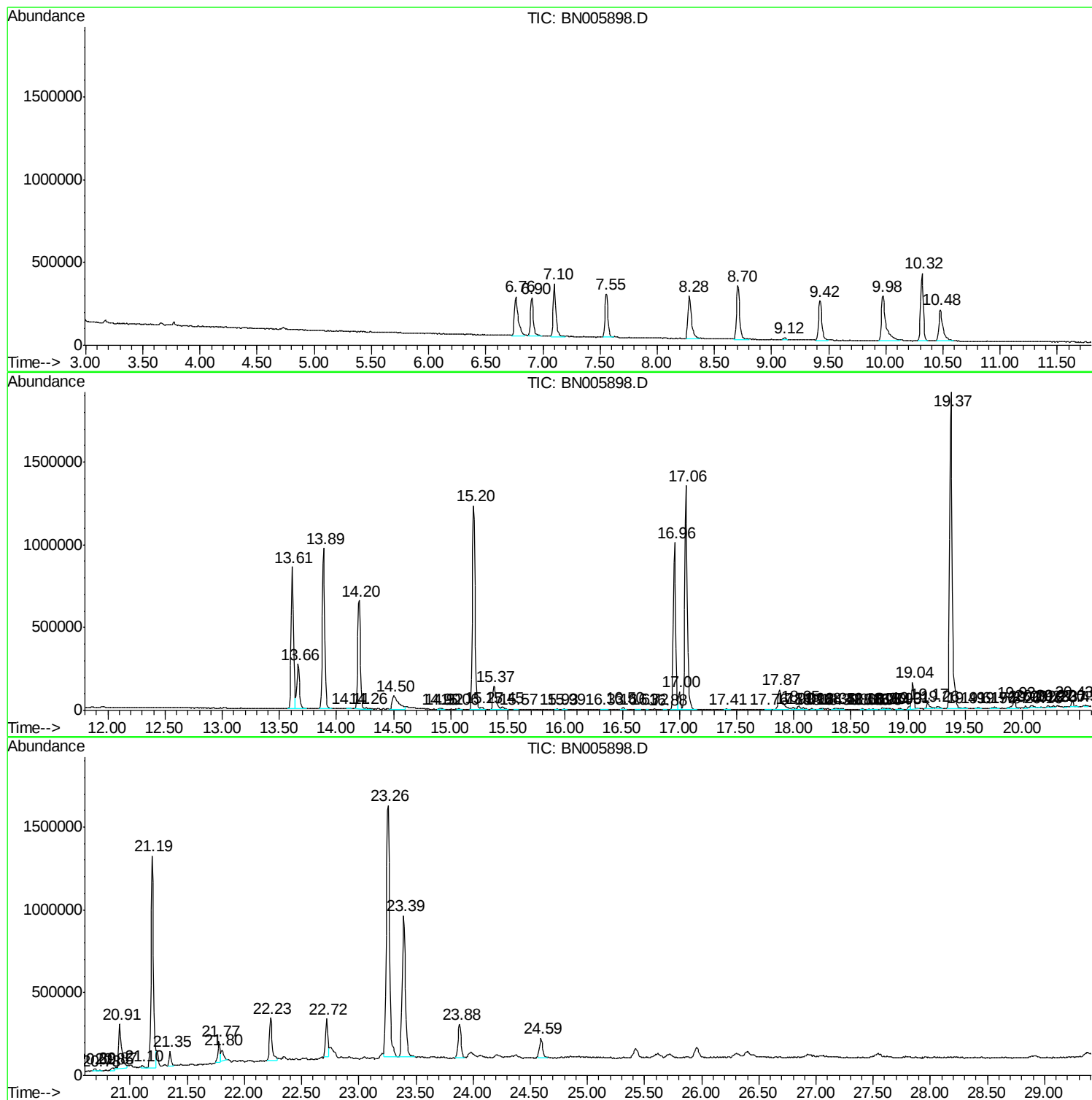
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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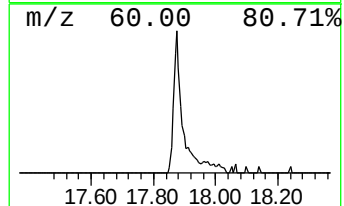
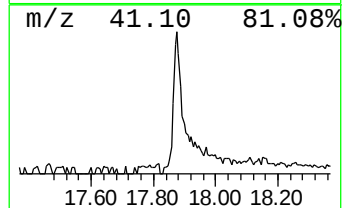
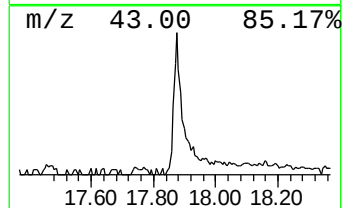
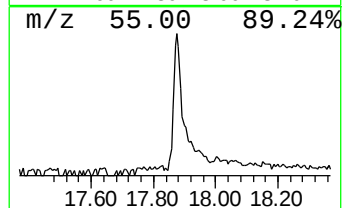
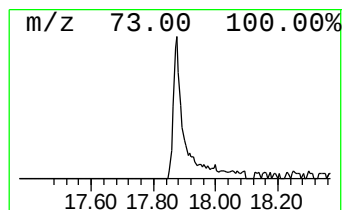
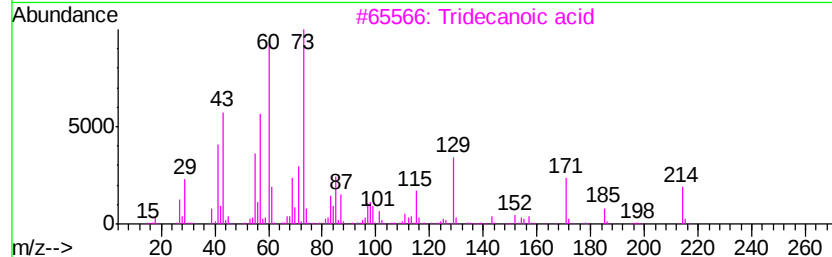
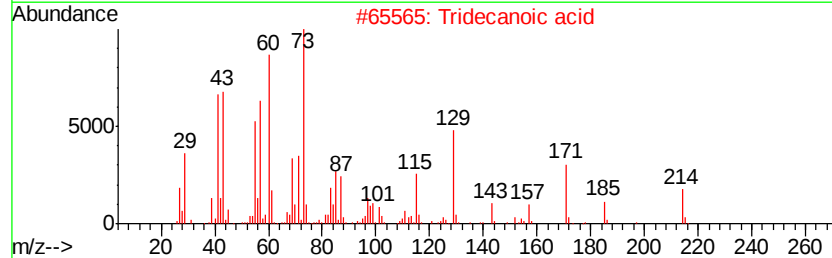
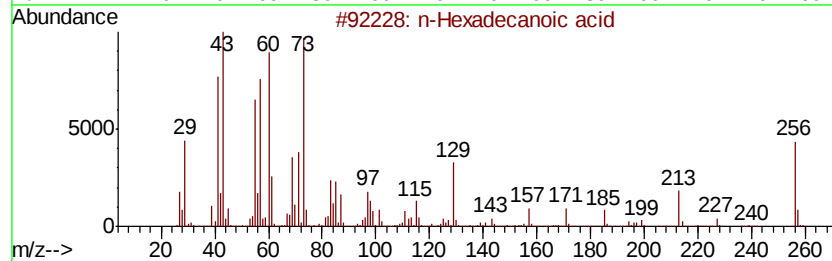
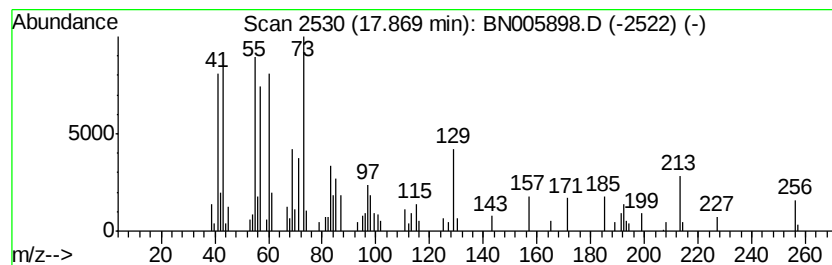
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	3.99 ng/ul	283809	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	80
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	62



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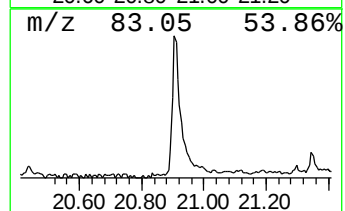
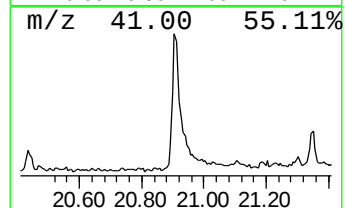
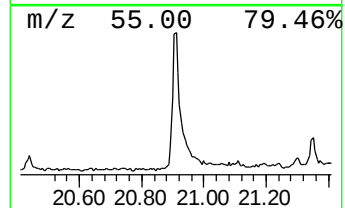
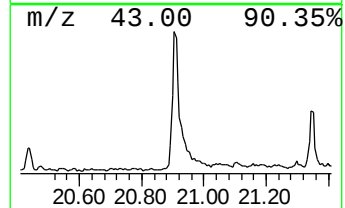
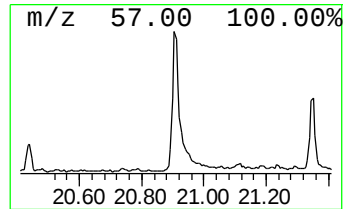
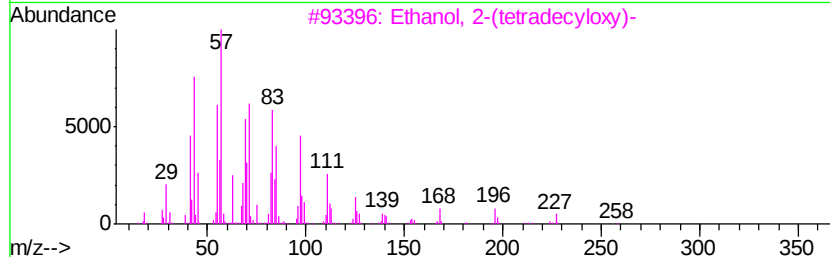
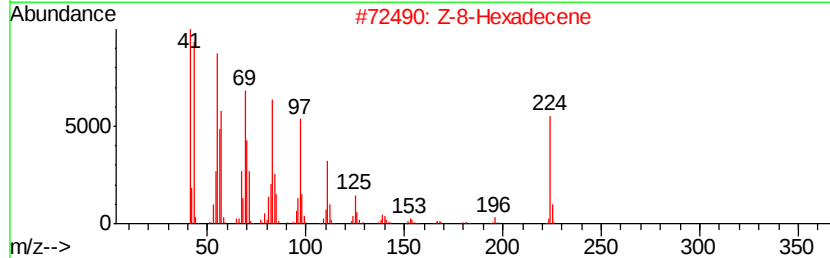
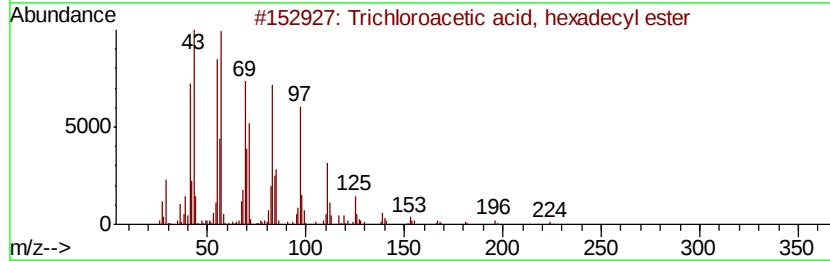
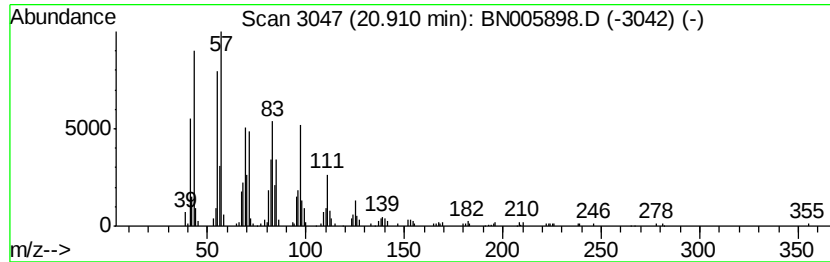
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.05 ng/ul	492583	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Z-8-Hexadecene	224	C16H32	1000130-87-5	92
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		1-Docosanol	326	C22H46O	000661-19-8	91
5		17-Pentatriacontene	491	C35H70	006971-40-0	91



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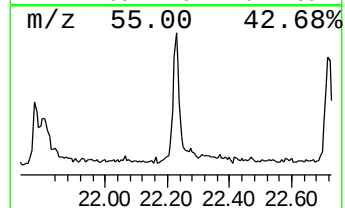
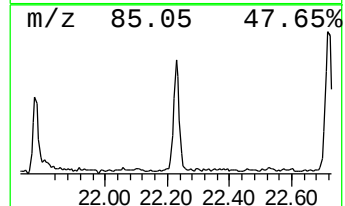
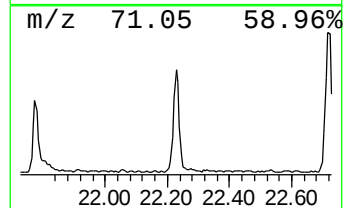
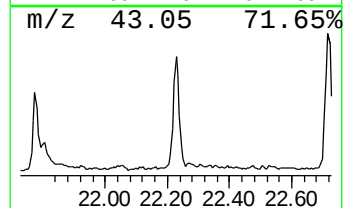
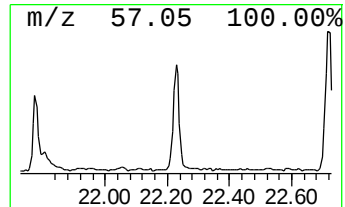
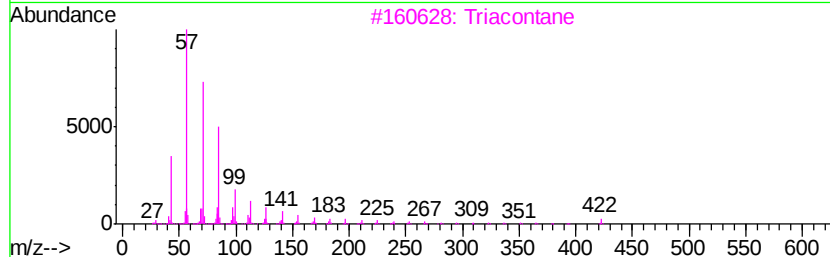
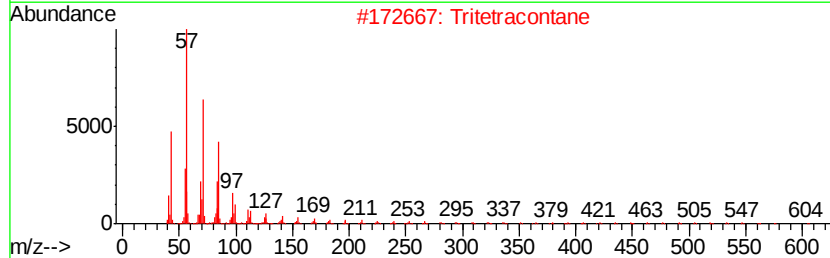
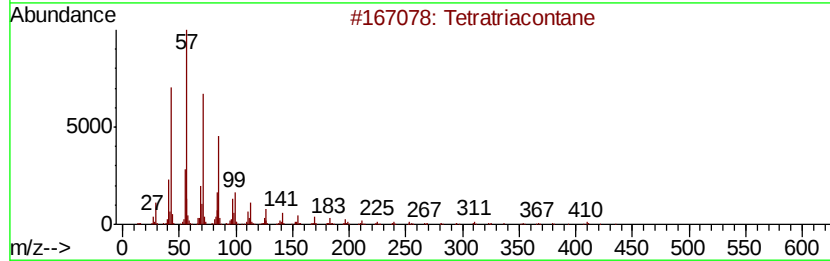
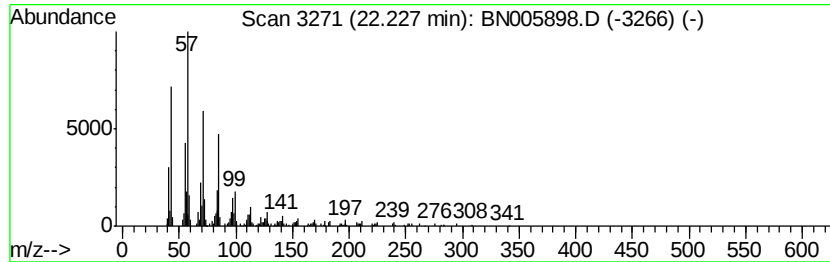
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	4.15 ng/ul	404084	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	87
2		Tritetracontane	605	C43H88	007098-21-7	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Heneicosane	296	C21H44	000629-94-7	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



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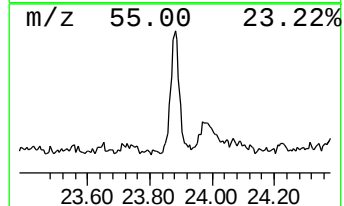
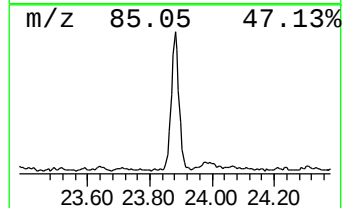
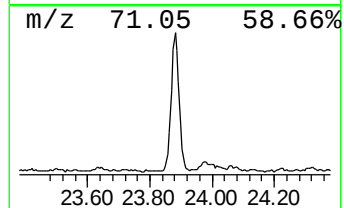
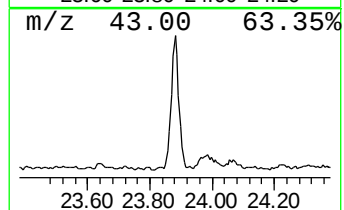
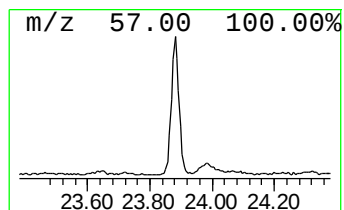
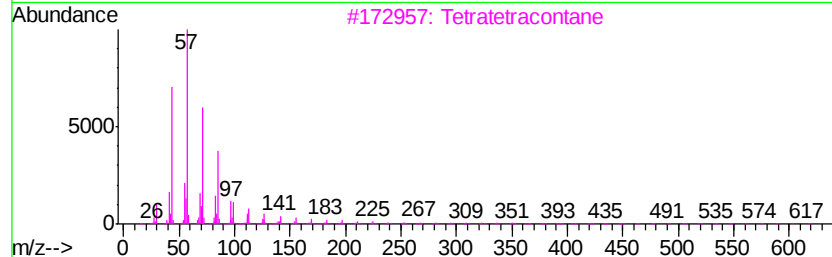
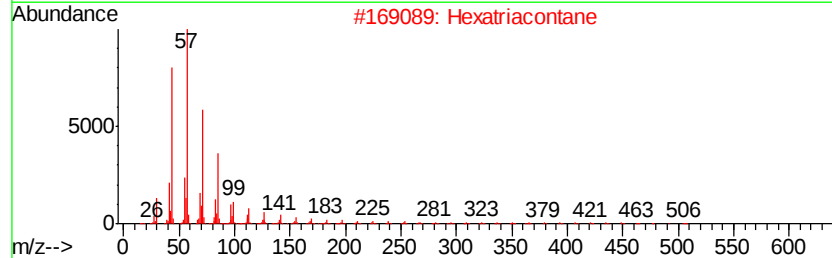
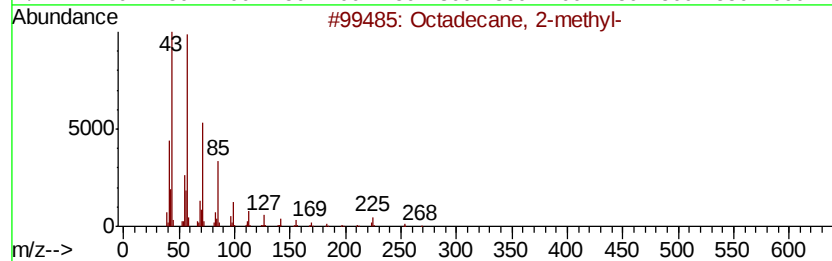
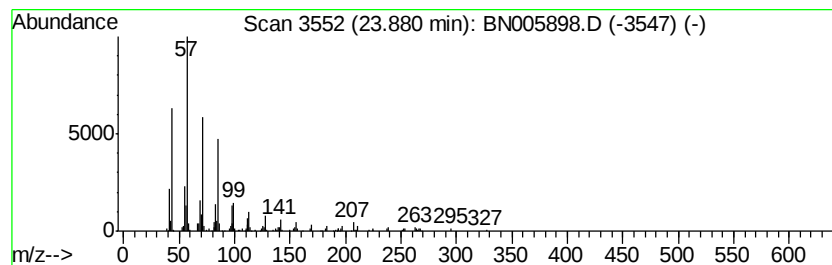
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	4.13 ng/ul	353228	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005898.D
Acq On : 24 May 2019 20:01
Operator : JU/SJ
Sample : K2924-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4277

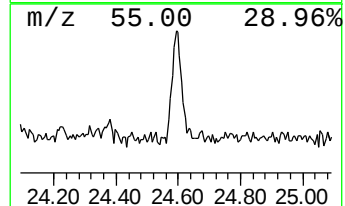
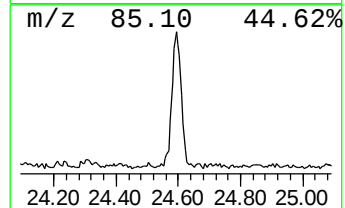
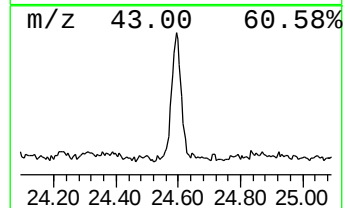
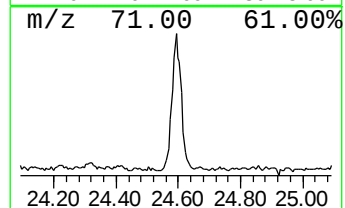
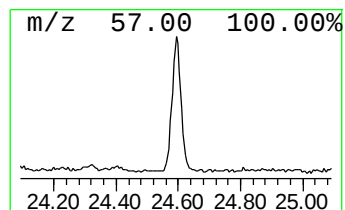
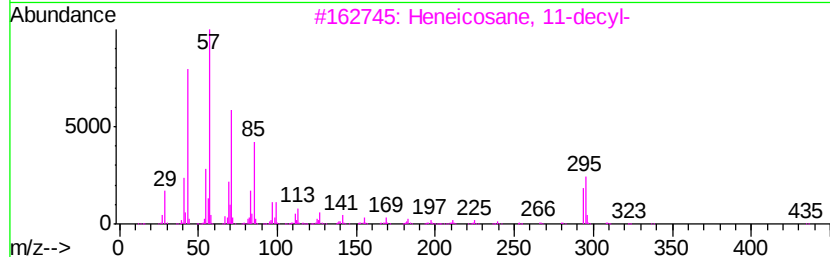
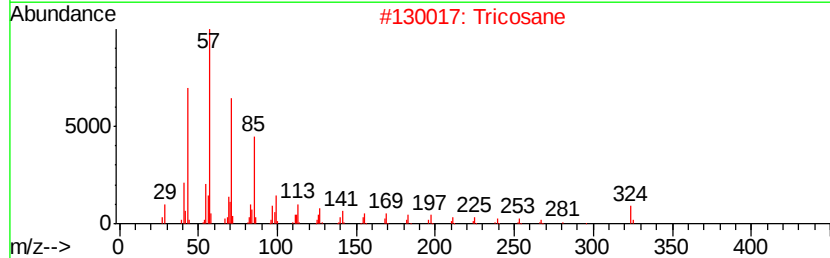
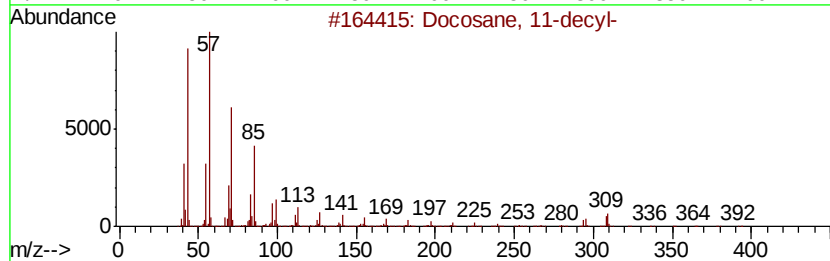
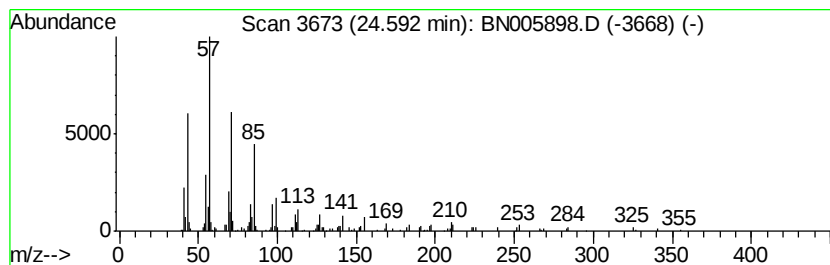
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	2.55 ng/ul	217900	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
2		Tricosane	324	C23H48	000638-67-5	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
Data File : BN005898.D
Acq On : 24 May 2019 20:01
Operator : JU/SJ
Sample : K2924-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4277

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	17.87	4.0	ng/ul	283809	4	16.96	1421620	20.0
Trichloroacetic a...	20.91	5.0	ng/ul	492583	5	21.19	1949550	20.0
(DEL) Alkane: Str...	22.23	4.2	ng/ul	404084	5	21.19	1949550	20.0
(DEL) Alkane: Str...	23.88	4.1	ng/ul	353228	6	23.39	1709990	20.0
(DEL) Alkane: Str...	24.59	2.5	ng/ul	217900	6	23.39	1709990	20.0