

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005296.D
 Acq On : 26 Apr 2019 00:43
 Operator : JU/SJ
 Sample : K2481-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX1

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-BN041919MA.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	3.217	35	39	45	rBV	90780	123735	1.01%	0.084%
2	3.911	153	157	163	rVB	100641	139753	1.14%	0.095%
3	3.999	169	172	177	rVB2	19277	29723	0.24%	0.020%
4	5.299	389	393	402	rVB2	23190	47201	0.39%	0.032%
5	5.722	461	465	470	rBV4	18920	33147	0.27%	0.022%
6	6.705	627	632	637	rVV	35853	49269	0.40%	0.033%
7	6.775	637	644	652	rVV	1641767	2659192	21.75%	1.800%
8	6.834	652	654	659	rVB	24667	33077	0.27%	0.022%
9	6.940	666	672	680	rBV	1348229	2073851	16.96%	1.404%
10	7.128	697	704	714	rVB	1663640	2637484	21.57%	1.786%
11	7.252	719	725	734	rVV2	94253	176072	1.44%	0.119%
12	7.340	734	740	746	rVB4	18207	31688	0.26%	0.021%
13	7.593	776	783	790	rBV	1896769	2980777	24.38%	2.018%
14	7.663	790	795	800	rVV	90378	142373	1.16%	0.096%
15	7.710	800	803	811	rVB2	16737	26275	0.21%	0.018%
16	7.963	841	846	851	rVB7	7684	15713	0.13%	0.011%
17	8.122	869	873	878	rVB2	37759	61387	0.50%	0.042%
18	8.293	895	902	912	rBV	2124581	3418348	27.96%	2.315%
19	8.681	963	968	970	rBV4	21018	29156	0.24%	0.020%
20	8.734	970	977	989	rVV	1740739	2835600	23.19%	1.920%
21	8.816	989	991	994	rVV3	15880	22645	0.19%	0.015%
22	8.852	994	997	1004	rVB4	27002	45528	0.37%	0.031%
23	9.187	1048	1054	1063	rVB2	30855	58623	0.48%	0.040%
24	9.263	1063	1067	1076	rBV6	12501	23994	0.20%	0.016%
25	9.346	1076	1081	1085	rBV4	13162	22939	0.19%	0.016%
26	9.446	1091	1098	1106	rBV	1448253	2342836	19.16%	1.586%
27	9.793	1148	1157	1163	rBV7	45484	101180	0.83%	0.069%
28	9.863	1163	1169	1173	rVV5	29381	54763	0.45%	0.037%
29	9.899	1173	1175	1181	rVV4	15699	21866	0.18%	0.015%
30	9.975	1181	1188	1200	rVV	2125616	3641648	29.79%	2.466%
31	10.057	1200	1202	1210	rVB9	8480	16141	0.13%	0.011%
32	10.357	1245	1253	1258	rBV	2759517	4718724	38.60%	3.195%
33	10.404	1258	1261	1268	rVB	469796	682772	5.58%	0.462%
34	10.493	1268	1276	1292	rBV	2176203	3748715	30.66%	2.538%

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35	10.734	1313	1317	1323	rVB5	9764	16800	0.14%	0.011%
36	11.810	1493	1500	1505	rBV5	15160	30217	0.25%	0.020%
37	11.946	1515	1523	1530	rBV2	35757	64331	0.53%	0.044%
38	12.022	1530	1536	1545	rVB	427454	673721	5.51%	0.456%
39	12.246	1568	1574	1585	rVB	151252	261772	2.14%	0.177%
40	13.063	1706	1713	1718	rBV3	23346	45598	0.37%	0.031%
41	13.134	1720	1725	1729	rVV6	10942	16284	0.13%	0.011%
42	13.257	1741	1746	1755	rVB2	15987	29450	0.24%	0.020%
43	13.387	1761	1768	1769	rBV2	42331	61335	0.50%	0.042%
44	13.404	1769	1771	1775	rVV2	49512	61497	0.50%	0.042%
45	13.457	1775	1780	1787	rVV3	72065	110519	0.90%	0.075%
46	13.545	1789	1795	1800	rVV2	52691	88830	0.73%	0.060%
47	13.598	1800	1804	1806	rVV3	31954	42552	0.35%	0.029%
48	13.645	1806	1812	1816	rVV	4458868	6039405	49.40%	4.089%
49	13.693	1816	1820	1829	rVB	907753	1267245	10.37%	0.858%
50	13.781	1831	1835	1839	rBV3	23447	30013	0.25%	0.020%
51	13.916	1851	1858	1871	rBV	4893525	7177098	58.70%	4.860%
52	14.157	1895	1899	1902	rVB5	14562	17509	0.14%	0.012%
53	14.228	1903	1911	1919	rBV2	4275514	6587450	53.88%	4.460%
54	14.428	1938	1945	1968	rBV	1968802	3102666	25.38%	2.101%
55	14.839	2011	2015	2018	rBV3	13023	16128	0.13%	0.011%
56	15.057	2048	2052	2057	rBV4	10104	15797	0.13%	0.011%
57	15.116	2057	2062	2066	rVB3	17238	26328	0.22%	0.018%
58	15.228	2073	2081	2088	rBV	6112125	8754406	71.60%	5.927%
59	15.275	2088	2089	2095	rVV3	18528	24094	0.20%	0.016%
60	15.345	2095	2101	2114	rVV	1900873	2699274	22.08%	1.828%
61	15.463	2116	2121	2127	rVB2	71280	104619	0.86%	0.071%
62	15.904	2193	2196	2201	rBV7	12267	21750	0.18%	0.015%
63	15.981	2205	2209	2211	rBV3	11782	18981	0.16%	0.013%
64	16.016	2211	2215	2220	rVB3	28504	41584	0.34%	0.028%
65	16.669	2317	2326	2332	rBV10	12760	33259	0.27%	0.023%
66	16.769	2338	2343	2346	rBV2	33522	43379	0.35%	0.029%
67	16.981	2372	2379	2385	rBV2	6050623	8514353	69.64%	5.765%
68	17.081	2389	2396	2409	rVV	6843779	9843814	80.52%	6.665%
69	17.669	2491	2496	2501	rVB7	13760	25017	0.20%	0.017%
70	17.910	2531	2537	2545	rBV	1063626	1715627	14.03%	1.162%
71	17.969	2545	2547	2552	rVB	84628	115352	0.94%	0.078%

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72	18.210	2585	2588	2595	rBV6	28220	46005	0.38%	0.031%
73	18.851	2693	2697	2703	rVB4	28654	43514	0.36%	0.029%
74	19.022	2722	2726	2730	rBV	88872	131321	1.07%	0.089%
75	19.080	2733	2736	2739	rVV4	19197	27672	0.23%	0.019%
76	19.204	2752	2757	2765	rBV	369143	637293	5.21%	0.432%
77	19.275	2765	2769	2775	rVB	99427	160168	1.31%	0.108%
78	19.392	2780	2789	2795	rVV	8922834	12148148	99.36%	8.225%
79	19.439	2795	2797	2801	rVV3	78002	91887	0.75%	0.062%
80	19.475	2801	2803	2809	rVB7	32574	35176	0.29%	0.024%
81	19.951	2880	2884	2885	rBV4	22506	30356	0.25%	0.021%
82	19.980	2886	2889	2893	rVB	82492	93331	0.76%	0.063%
83	20.351	2950	2952	2956	rVB3	36174	37454	0.31%	0.025%
84	20.422	2961	2964	2967	rVB5	29076	29833	0.24%	0.020%
85	20.486	2969	2975	2978	rBV	109308	146243	1.20%	0.099%
86	20.945	3049	3053	3071	rBV	1473029	2288960	18.72%	1.550%
87	21.210	3092	3098	3104	rBV	7574691	10013404	81.90%	6.780%
88	21.398	3126	3130	3138	rBV	252060	363684	2.97%	0.246%
89	21.633	3167	3170	3174	rVB	127203	147661	1.21%	0.100%
90	21.833	3200	3204	3222	rBV	354539	589808	4.82%	0.399%
91	22.292	3277	3282	3288	rBV	514568	657221	5.38%	0.445%
92	22.792	3362	3367	3372	rBV	638407	926939	7.58%	0.628%
93	23.268	3440	3448	3456	rBV	6827701	12226007	100.00%	8.278%
94	23.345	3456	3461	3465	rVV	762896	1259389	10.30%	0.853%
95	23.410	3465	3472	3484	rVB	5200651	10005224	81.84%	6.774%
96	23.980	3563	3569	3576	rVB	715761	1312810	10.74%	0.889%
97	24.057	3578	3582	3595	rVB4	130769	307814	2.52%	0.208%
98	24.704	3686	3692	3704	rVB	609463	1290849	10.56%	0.874%
99	25.551	3830	3836	3846	rVB	409025	991020	8.11%	0.671%
100	26.551	3999	4006	4017	rVB2	302913	868555	7.10%	0.588%

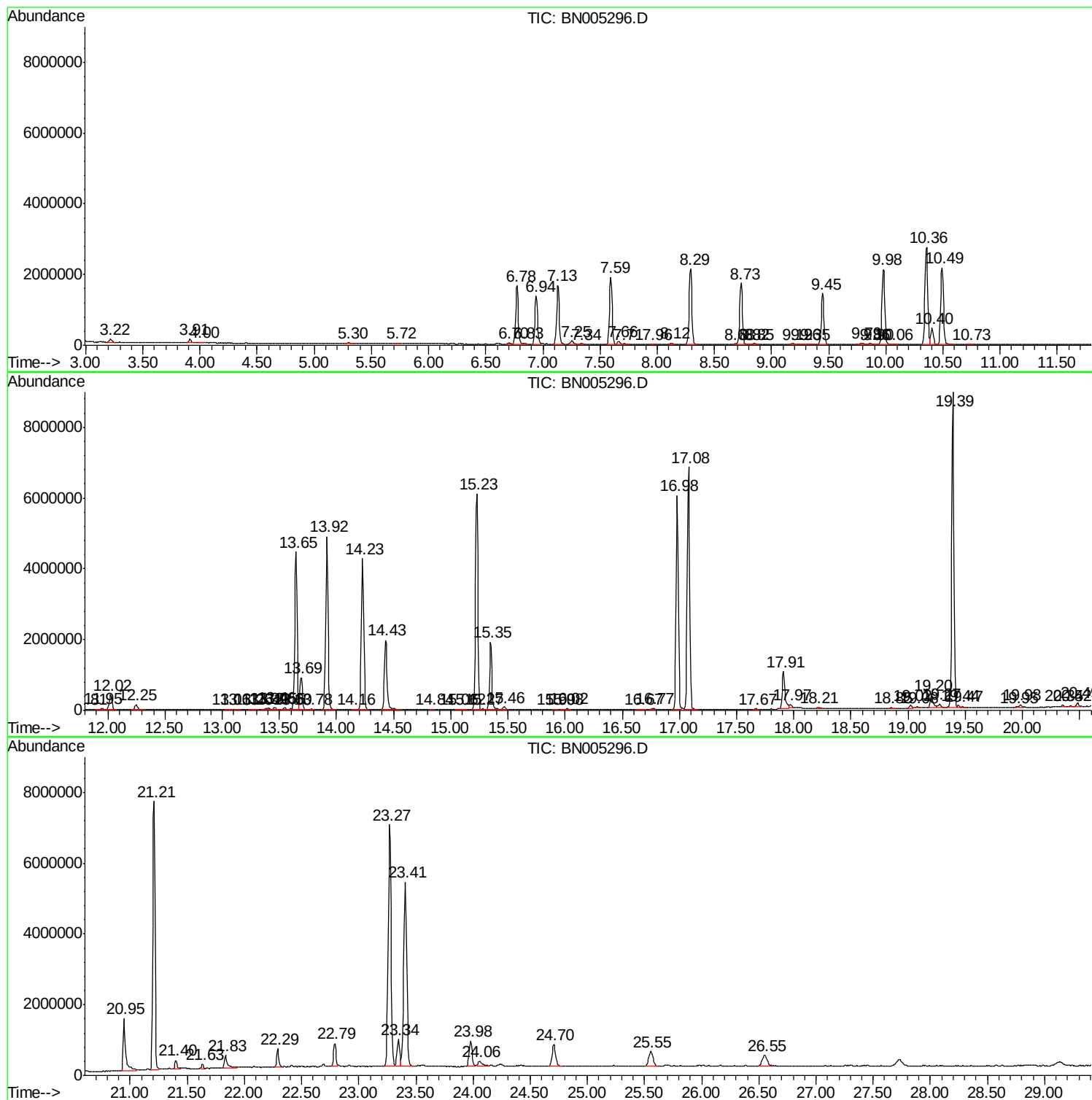
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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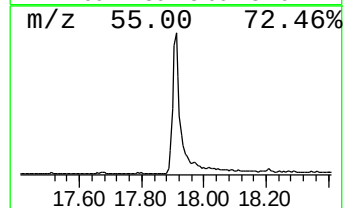
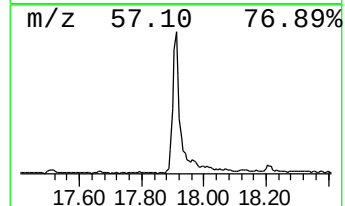
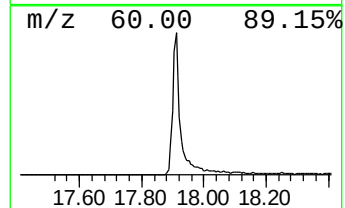
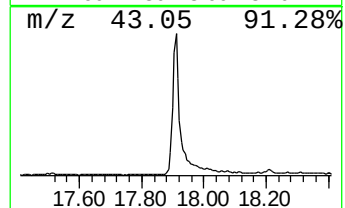
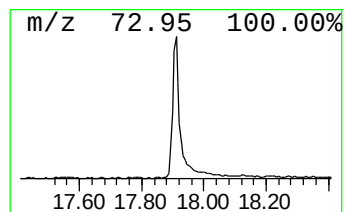
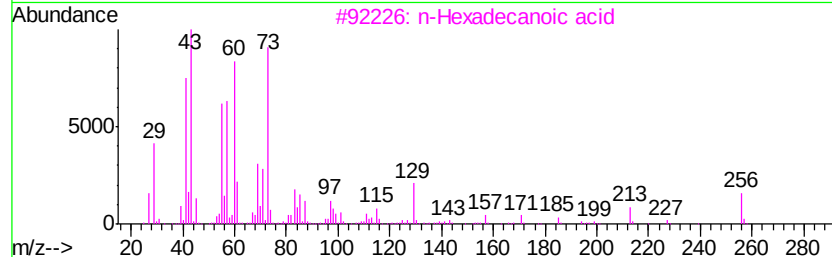
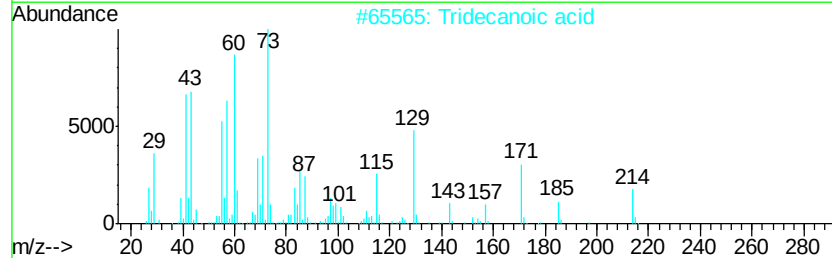
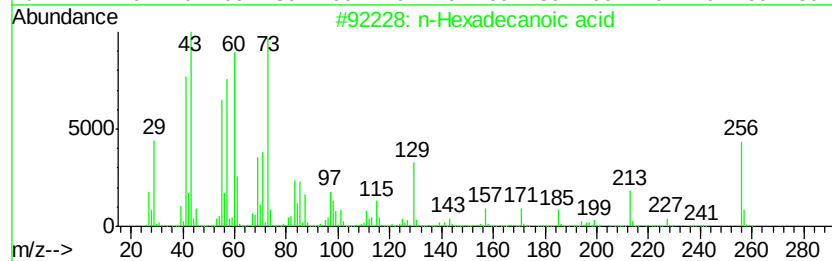
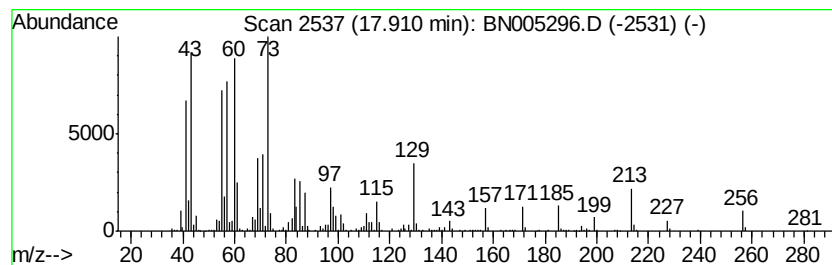
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.	
17.91	4.03 ng/ul	1715630	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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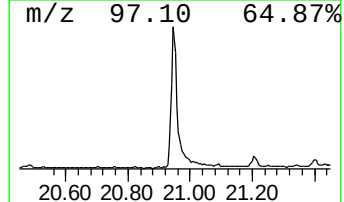
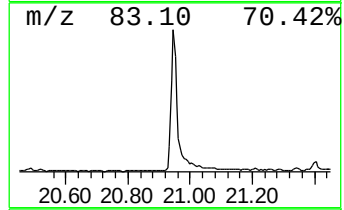
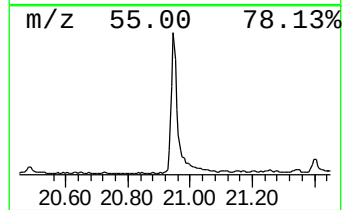
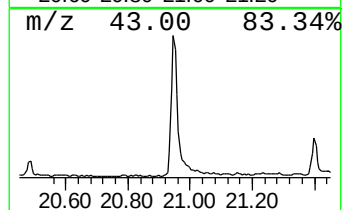
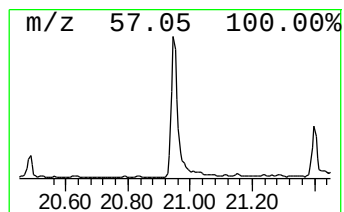
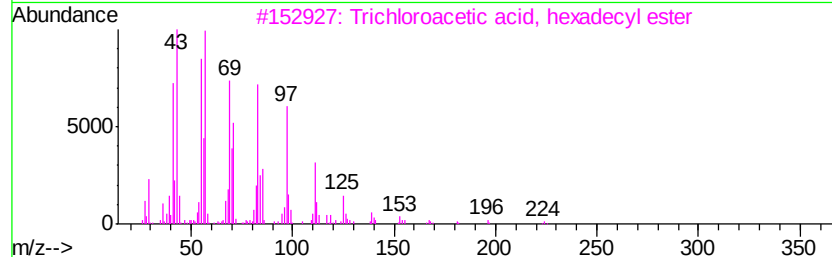
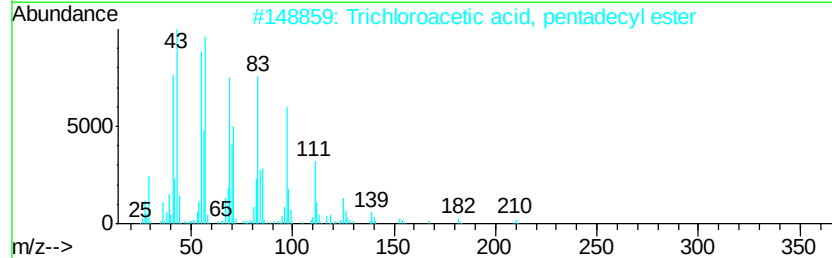
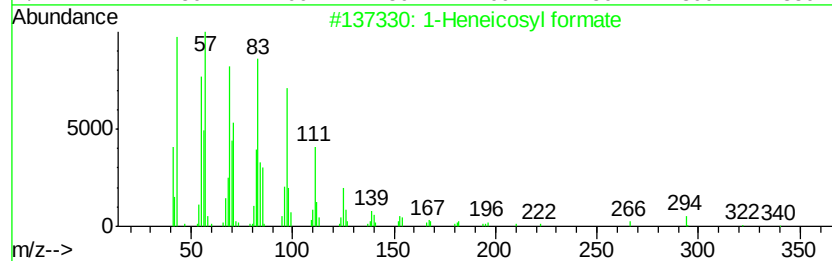
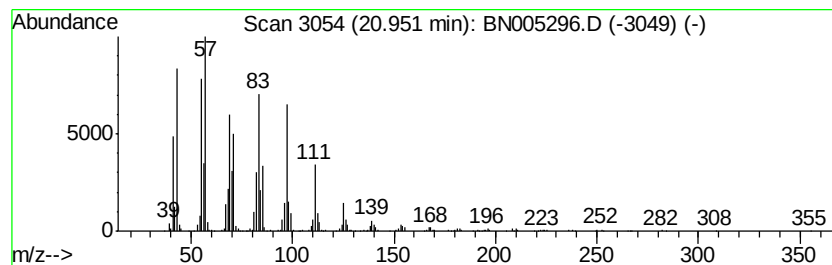
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
20.95	4.57 ng/ul	2288960	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		1-Docosene	308	C22H44	001599-67-3	91
5		10-Heneicosene (c,t)	294	C21H42	095008-11-0	91



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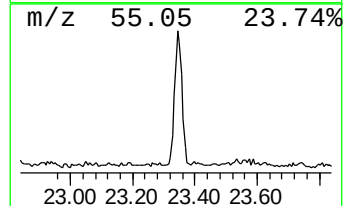
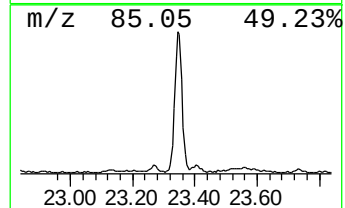
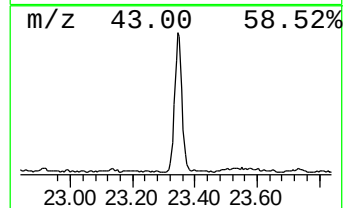
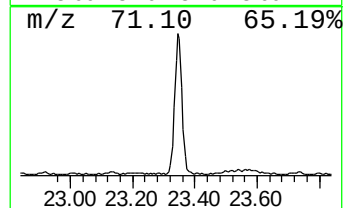
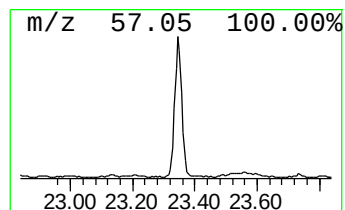
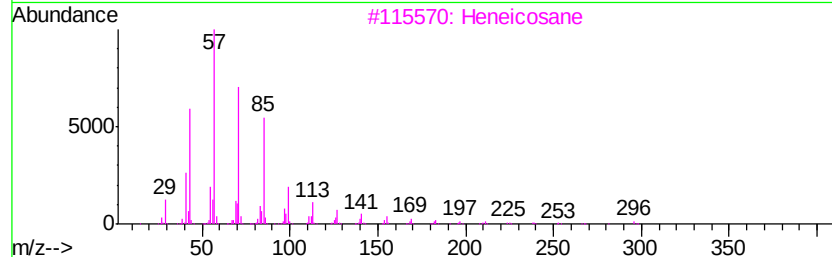
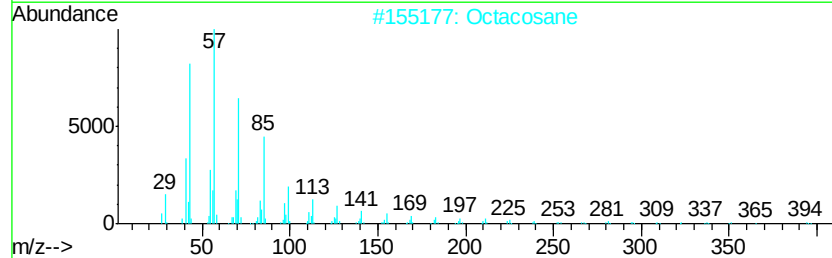
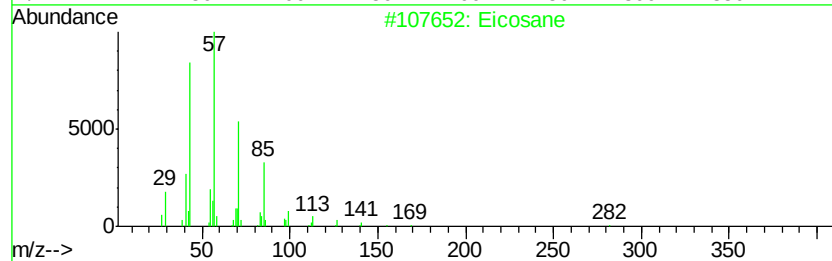
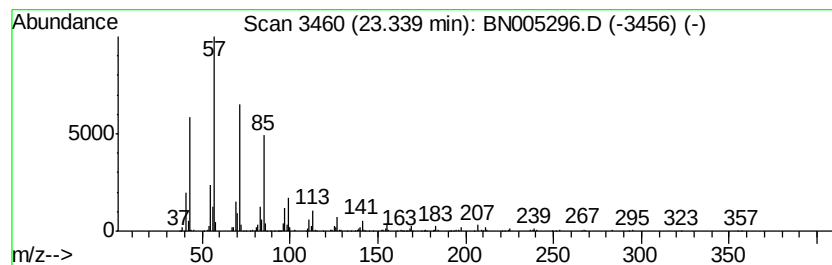
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.52 ng/ul	1259390	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		triacontane	422	C30H62	000638-68-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005296.D
Acq On : 26 Apr 2019 00:43
Operator : JU/SJ
Sample : K2481-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX1

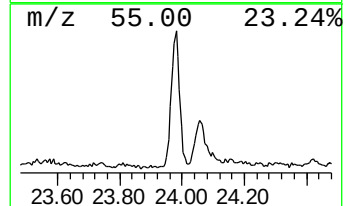
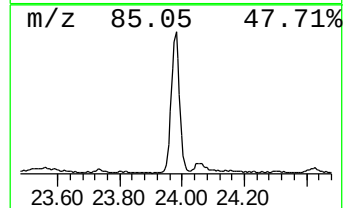
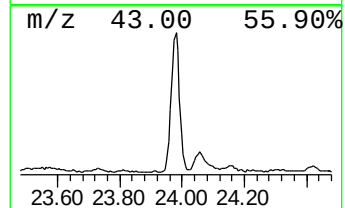
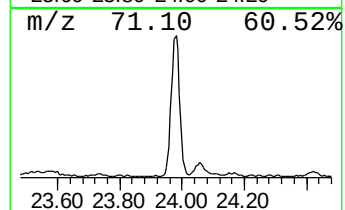
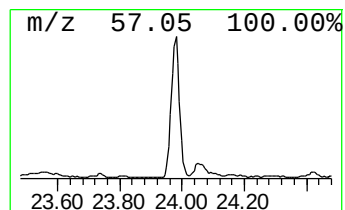
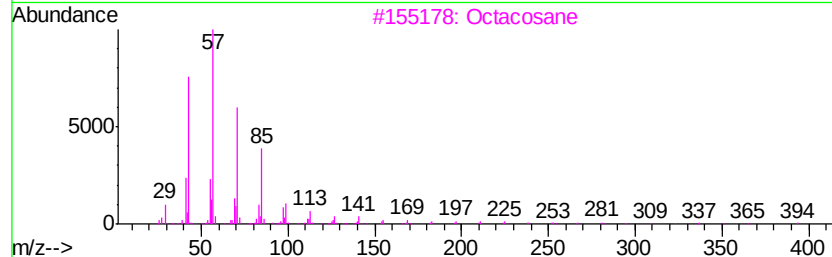
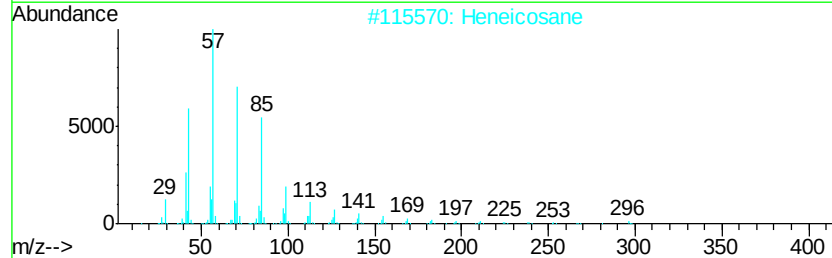
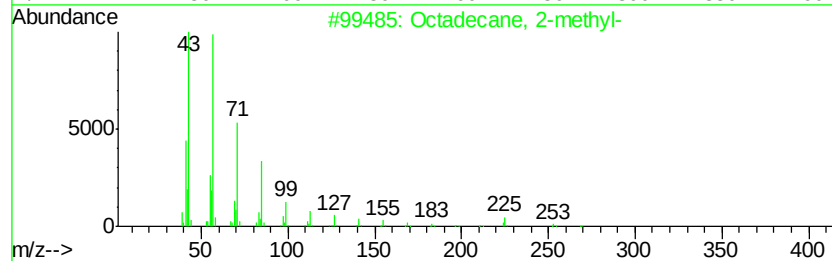
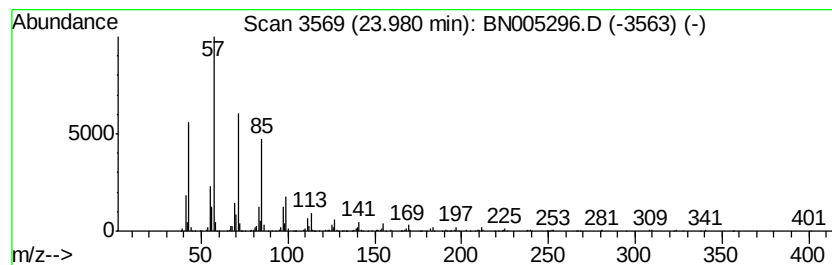
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Quant Title : SVOA CALIBRATION

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.
23.98	2.62 ng/ul	1312810	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005296.D
Acq On : 26 Apr 2019 00:43
Operator : JU/SJ
Sample : K2481-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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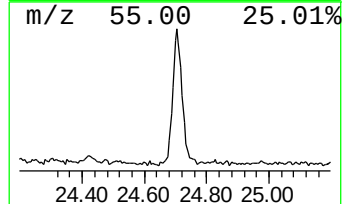
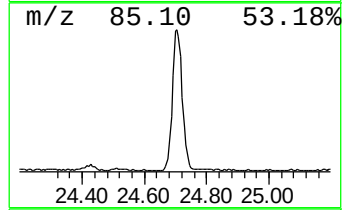
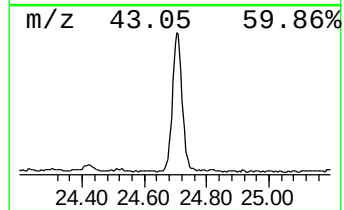
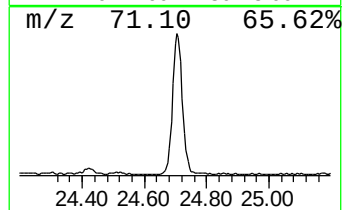
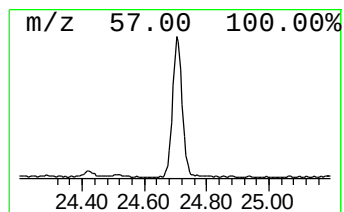
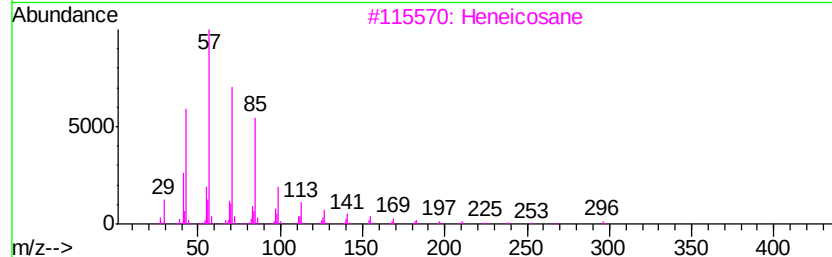
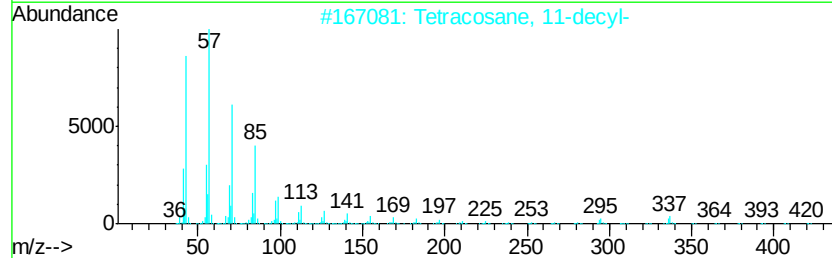
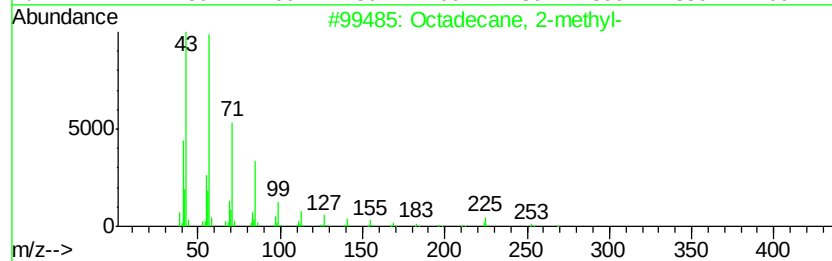
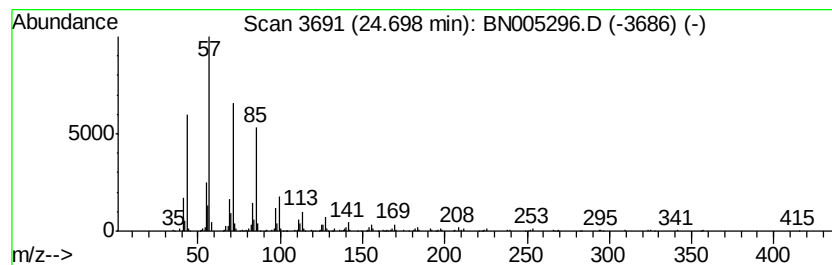
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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.
24.70	2.58 ng/ul	1290850	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005296.D
Acq On : 26 Apr 2019 00:43
Operator : JU/SJ
Sample : K2481-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	17.91	4.0	ng/ul	1715630	4	16.98	8514350	20.0
1-Heneicosyl formate	20.95	4.6	ng/ul	2288960	5	21.21	10013400	20.0
(DEL) Alkane: Str...	23.34	2.5	ng/ul	1259390	6	23.41	10005200	20.0
(DEL) Alkane: Str...	23.98	2.6	ng/ul	1312810	6	23.41	10005200	20.0
(DEL) Alkane: Str...	24.70	2.6	ng/ul	1290850	6	23.41	10005200	20.0