

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006074.D
 Acq On : 04 Jun 2019 21:23
 Operator : JU/SJ
 Sample : K2948-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHA8

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	32	rBV	59658	70771	1.36%	0.113%
2	3.570	96	99	105	rVB2	9796	16177	0.31%	0.026%
3	3.664	111	115	120	rVB	34778	42719	0.82%	0.068%
4	3.734	125	127	130	rVV4	6065	6032	0.12%	0.010%
5	3.787	131	136	143	rVB	82612	118004	2.26%	0.189%
6	3.881	148	152	156	rVB	12578	15511	0.30%	0.025%
7	3.981	165	169	174	rVB4	11981	14540	0.28%	0.023%
8	4.040	176	179	184	rVV3	7769	10688	0.21%	0.017%
9	4.099	186	189	192	rVB4	7675	9143	0.18%	0.015%
10	4.240	210	213	220	rVB6	9476	13763	0.26%	0.022%
11	4.340	227	230	233	rBV4	3890	6078	0.12%	0.010%
12	4.423	239	244	249	rVB5	5719	10936	0.21%	0.018%
13	4.775	299	304	310	rBV	93248	126872	2.43%	0.203%
14	4.875	317	321	324	rBV5	7331	9841	0.19%	0.016%
15	5.022	342	346	350	rBV5	3973	6355	0.12%	0.010%
16	6.052	517	521	526	rBV2	9538	14595	0.28%	0.023%
17	6.822	642	652	663	rBV	855693	1435415	27.54%	2.302%
18	6.987	674	680	691	rBV	707487	1107683	21.25%	1.776%
19	7.181	706	713	721	rBV	923181	1442167	27.66%	2.313%
20	7.246	721	724	740	rVB	42145	93766	1.80%	0.150%
21	7.646	786	792	801	rBV	978698	1609683	30.88%	2.581%
22	8.358	905	913	928	rBV	960714	1615587	30.99%	2.591%
23	8.475	928	933	940	rVB2	19763	39640	0.76%	0.064%
24	8.805	982	989	1000	rBV	843791	1417683	27.20%	2.273%
25	8.969	1014	1017	1021	rVB4	7116	10604	0.20%	0.017%
26	9.222	1056	1060	1065	rVB3	8348	13427	0.26%	0.022%
27	9.522	1104	1111	1126	rBV	681917	1189035	22.81%	1.907%
28	10.057	1195	1202	1217	rBV	1060666	1803281	34.59%	2.892%
29	10.210	1226	1228	1231	rBV2	5343	6504	0.12%	0.010%
30	10.434	1258	1266	1280	rBV	1458163	2422739	46.47%	3.885%
31	10.575	1280	1290	1314	rVV	934186	1761706	33.79%	2.825%
32	10.957	1352	1355	1359	rBV3	2664	5594	0.11%	0.009%
33	11.234	1395	1402	1403	rBV5	6245	9199	0.18%	0.015%
34	11.934	1516	1521	1525	rBV4	4459	7830	0.15%	0.013%

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35	12.034	1531	1538	1547	rVB	16306	30544	0.59%	0.049%
36	12.651	1639	1643	1649	rVB4	5768	9442	0.18%	0.015%
37	12.899	1681	1685	1691	rBV5	8852	15110	0.29%	0.024%
38	13.122	1720	1723	1727	rBV6	4004	5494	0.11%	0.009%
39	13.198	1733	1736	1739	rBV4	5685	7693	0.15%	0.012%
40	13.263	1743	1747	1753	rVV5	7099	9915	0.19%	0.016%
41	13.716	1816	1824	1828	rBV	2021542	2714720	52.08%	4.353%
42	13.763	1828	1832	1839	rVB	259210	369846	7.09%	0.593%
43	13.998	1861	1872	1884	rBV	2099741	3207224	61.52%	5.143%
44	14.210	1905	1908	1915	rVB4	8351	9642	0.18%	0.015%
45	14.304	1915	1924	1940	rBV2	2046535	3124175	59.93%	5.010%
46	14.516	1954	1960	1980	rBV	495477	948778	18.20%	1.521%
47	14.663	1983	1985	1992	rVV6	9922	17125	0.33%	0.027%
48	14.734	1993	1997	2005	rVV2	47840	77254	1.48%	0.124%
49	14.975	2035	2038	2042	rVB5	6268	7042	0.14%	0.011%
50	15.116	2055	2062	2067	rBV2	16505	32642	0.63%	0.052%
51	15.169	2069	2071	2076	rVV3	7608	8801	0.17%	0.014%
52	15.304	2087	2094	2110	rVV	2746212	3966631	76.09%	6.360%
53	15.434	2110	2116	2126	rVV	430554	625569	12.00%	1.003%
54	15.540	2130	2134	2144	rVB	35172	61577	1.18%	0.099%
55	15.675	2154	2157	2160	rVV5	5801	6878	0.13%	0.011%
56	15.869	2187	2190	2192	rBV4	6272	6309	0.12%	0.010%
57	16.028	2214	2217	2221	rBV4	9826	11476	0.22%	0.018%
58	16.087	2221	2227	2231	rBV7	12910	17395	0.33%	0.028%
59	16.204	2244	2247	2253	rVB8	7073	11323	0.22%	0.018%
60	16.263	2253	2257	2259	rBV4	5833	7226	0.14%	0.012%
61	16.469	2289	2292	2299	rVB9	10505	19677	0.38%	0.032%
62	16.604	2311	2315	2319	rBV2	33633	46027	0.88%	0.074%
63	16.845	2347	2356	2359	rBV4	20106	47961	0.92%	0.077%
64	16.969	2374	2377	2379	rBV4	7991	9425	0.18%	0.015%
65	17.057	2383	2392	2402	rBV2	2621129	3743156	71.80%	6.002%
66	17.157	2403	2409	2419	rBV	2862137	4121336	79.06%	6.609%
67	17.322	2434	2437	2440	rBV5	14844	20965	0.40%	0.034%
68	17.739	2504	2508	2513	rVB8	12519	19016	0.36%	0.030%
69	17.834	2521	2524	2529	rBV5	16189	31126	0.60%	0.050%
70	17.963	2541	2546	2555	rBV	360835	555224	10.65%	0.890%
71	18.257	2593	2596	2597	rBV2	21373	17457	0.33%	0.028%

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72	18.292	2599	2602	2604	rVV3	22889	26696	0.51%	0.043%
73	19.098	2735	2739	2742	rBV	39882	60948	1.17%	0.098%
74	19.257	2762	2766	2768	rBV3	51856	65068	1.25%	0.104%
75	19.463	2795	2801	2808	rBV	3497343	4779667	91.69%	7.664%
76	20.986	3057	3060	3067	rBV	380800	529538	10.16%	0.849%
77	21.269	3103	3108	3118	rBV	2939343	4005500	76.84%	6.423%
78	21.427	3133	3135	3139	rVB	198105	192687	3.70%	0.309%
79	21.863	3206	3209	3213	rBV	300006	315967	6.06%	0.507%
80	22.322	3284	3287	3293	rVB	430251	562316	10.79%	0.902%
81	22.451	3305	3309	3314	rBV	446269	591080	11.34%	0.948%
82	22.827	3369	3373	3378	rVB	501016	681453	13.07%	1.093%
83	23.363	3458	3464	3476	rVB2	2395492	5213007	100.00%	8.359%
84	23.504	3482	3488	3504	rVB2	2061099	4025667	77.22%	6.455%
85	24.027	3573	3577	3586	rVB	458883	889219	17.06%	1.426%

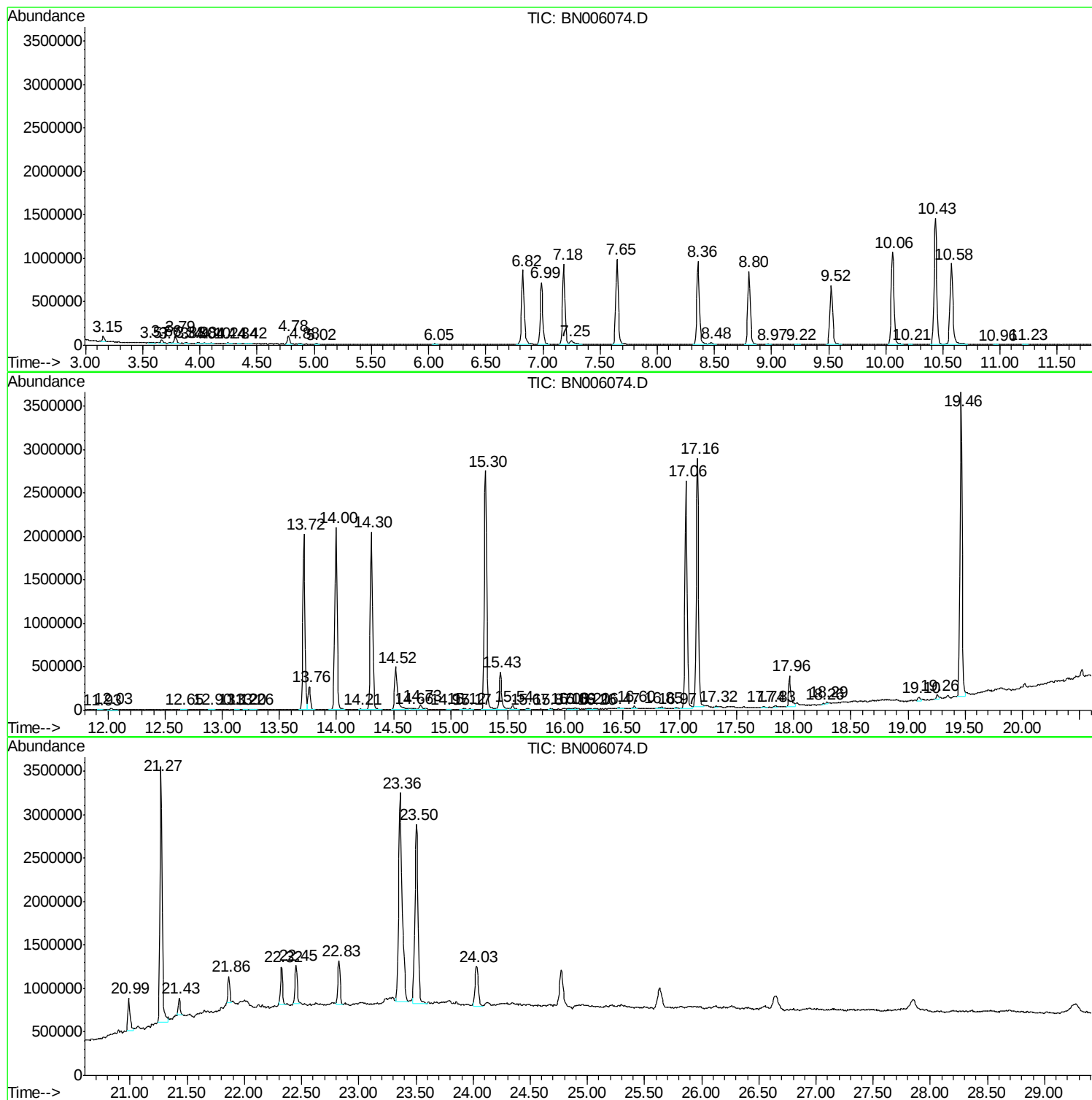
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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



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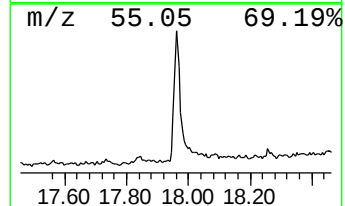
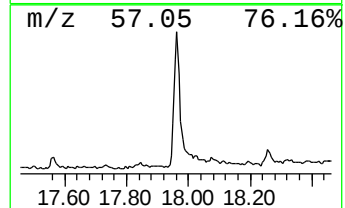
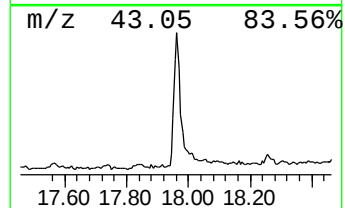
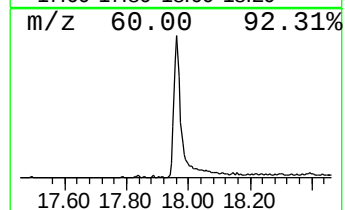
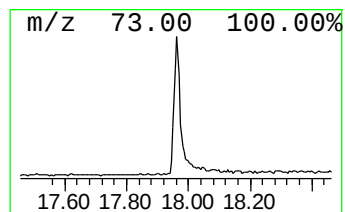
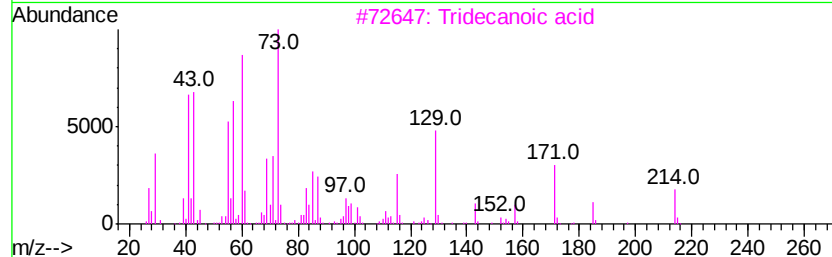
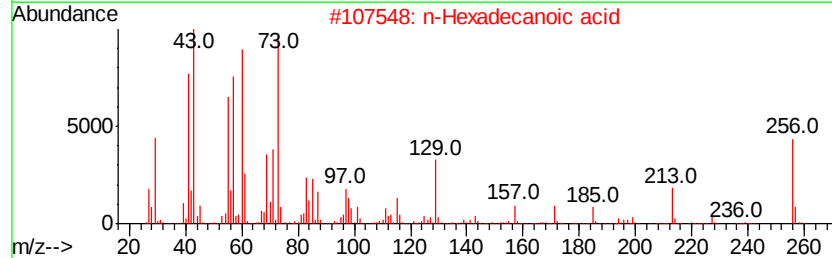
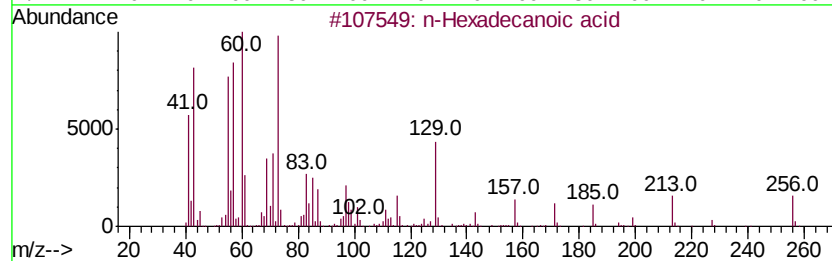
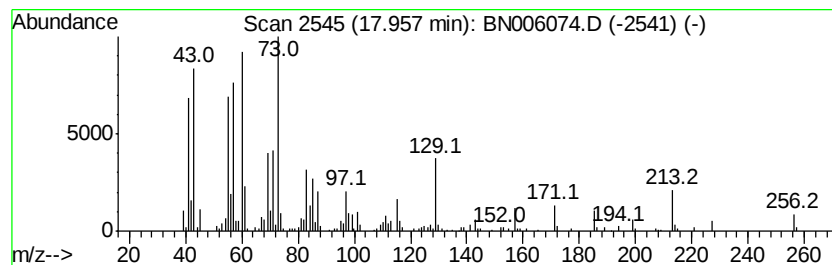
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.97 ng/ul	555224	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		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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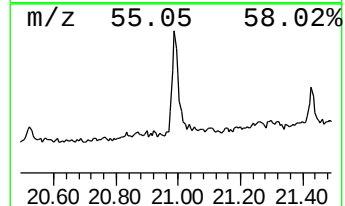
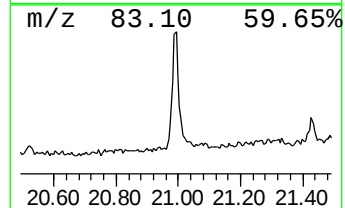
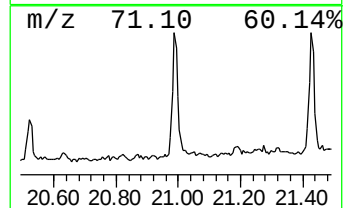
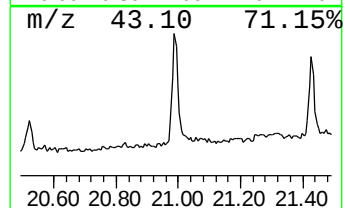
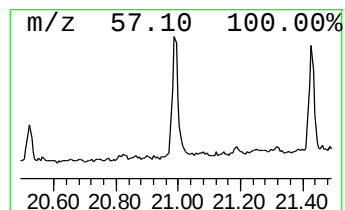
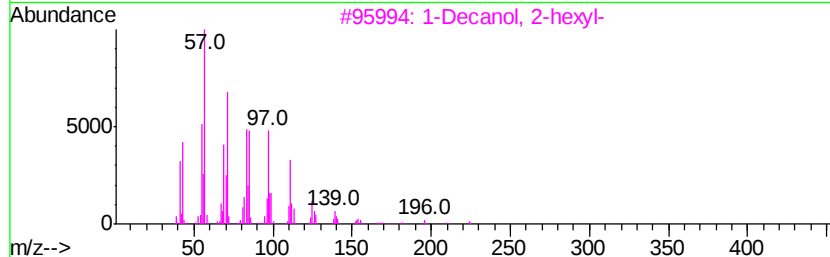
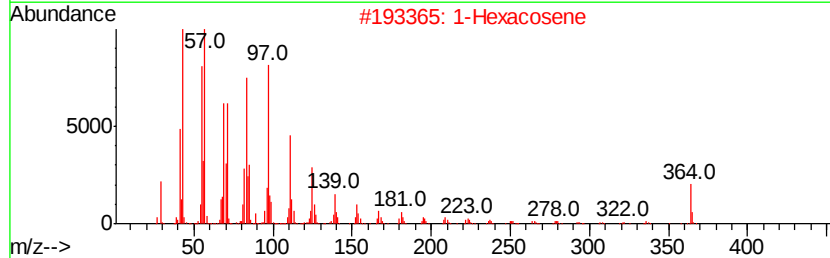
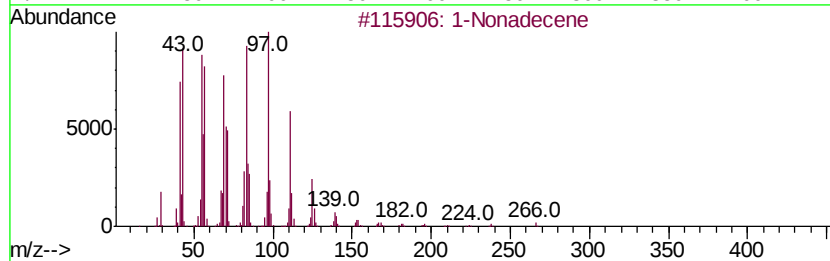
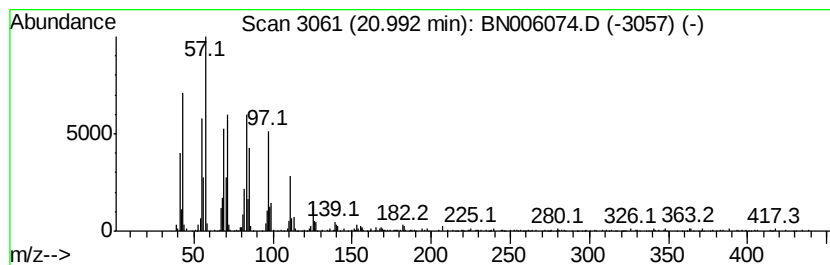
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.64 ng/ul	529538	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	97
2			1-Hexacosene	364	C26H52	018835-33-1	93
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91



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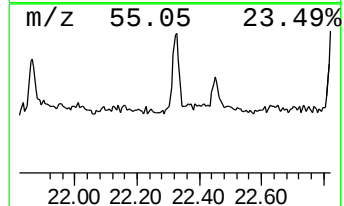
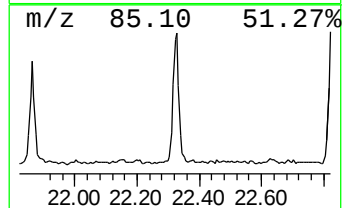
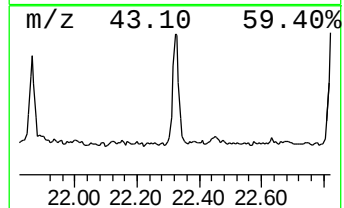
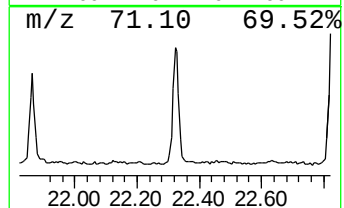
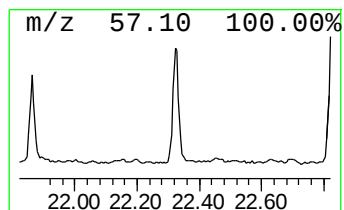
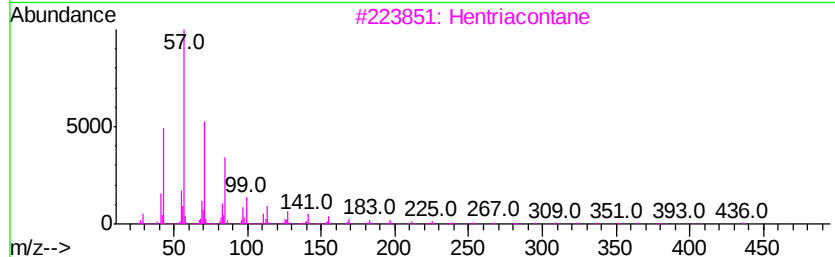
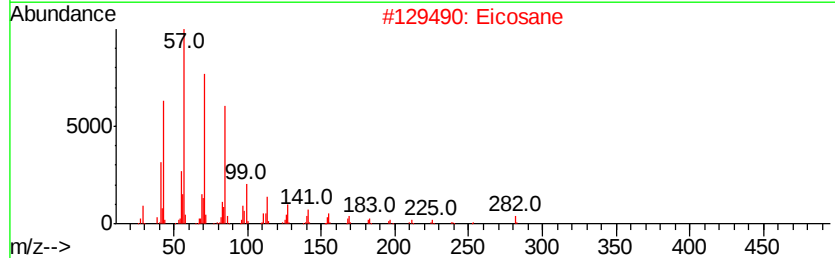
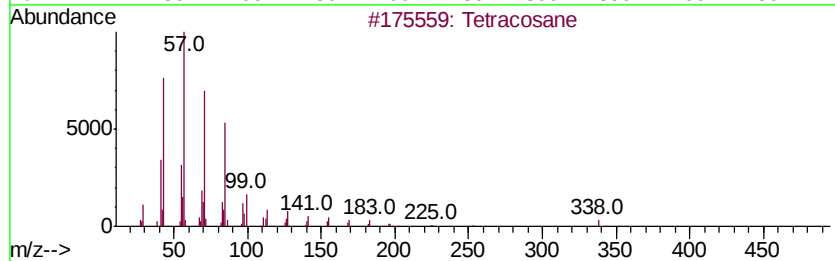
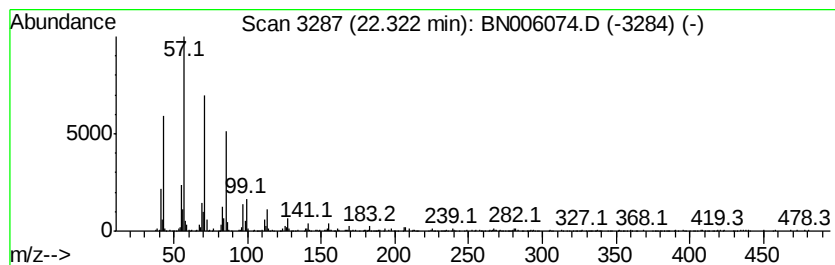
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Quant Title : SVOA CALIBRATION

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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.
22.32	2.81 ng/ul	562316	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Eicosane	282	C20H42	000112-95-8	94
3		Hentriacontane	437	C31H64	000630-04-6	93
4		Nonadecane	268	C19H40	000629-92-5	93
5		Eicosane	282	C20H42	000112-95-8	91



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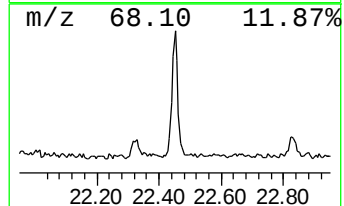
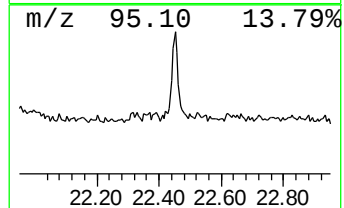
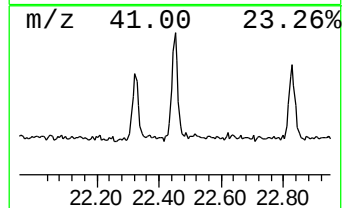
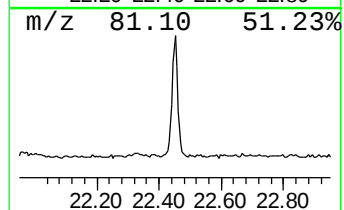
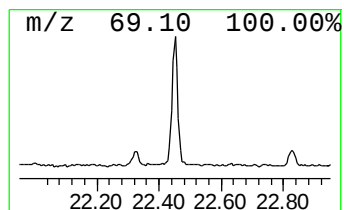
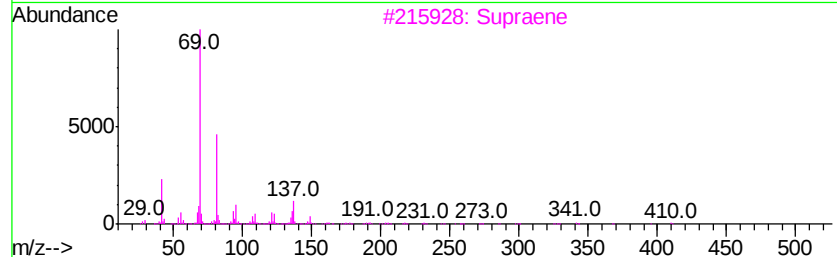
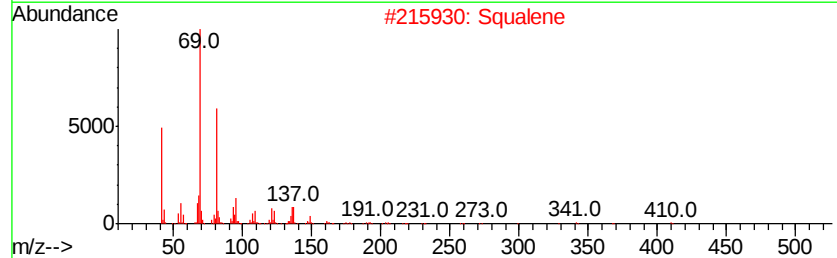
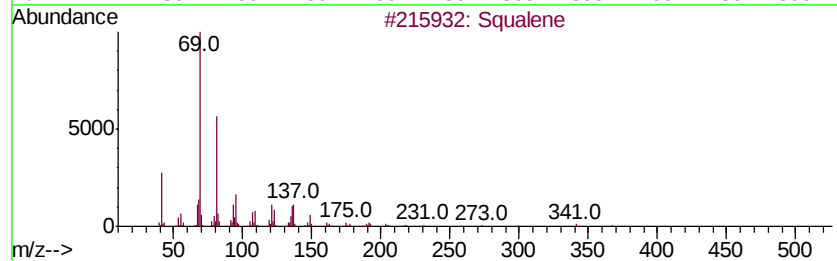
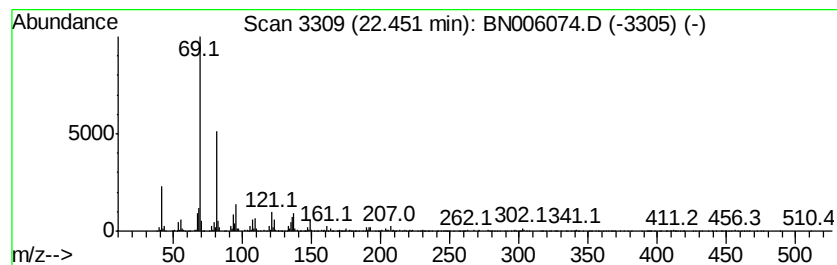
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.94 ng/ul	591080	Perylene-d12	23.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	93
2	Squalene	410 C30H50	000111-02-4	87
3	Supraene	410 C30H50	007683-64-9	87
4	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	74
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H36O	056882-09-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006074.D
Acq On : 04 Jun 2019 21:23
Operator : JU/SJ
Sample : K2948-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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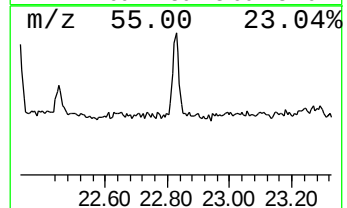
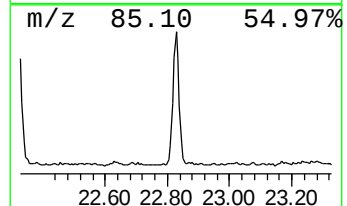
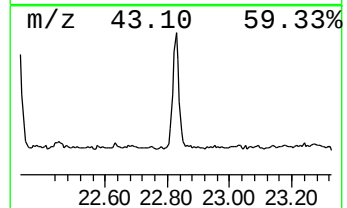
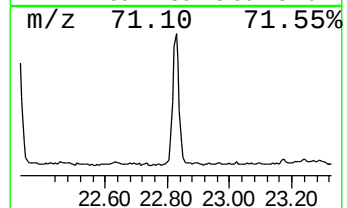
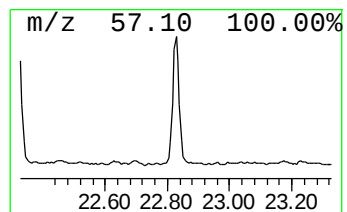
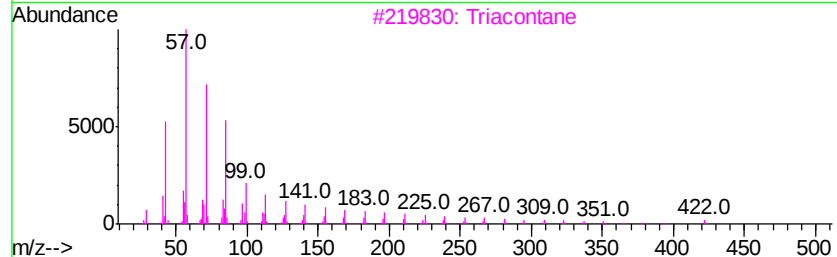
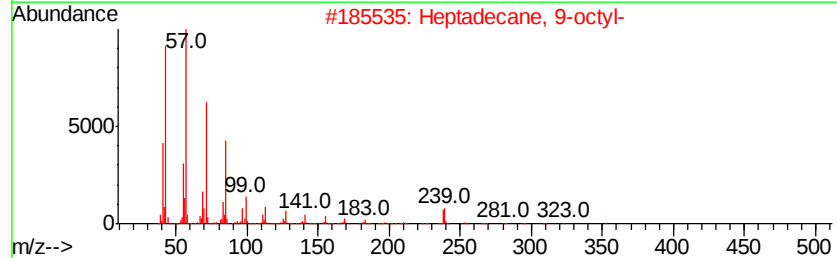
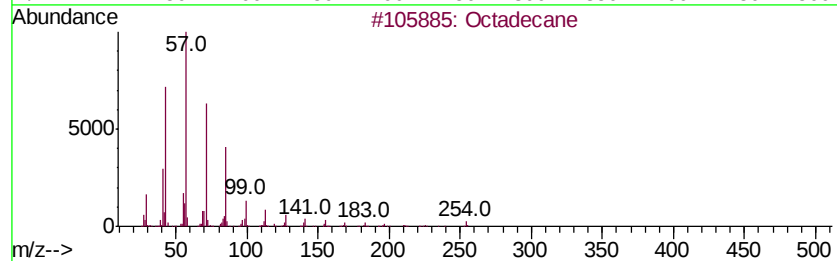
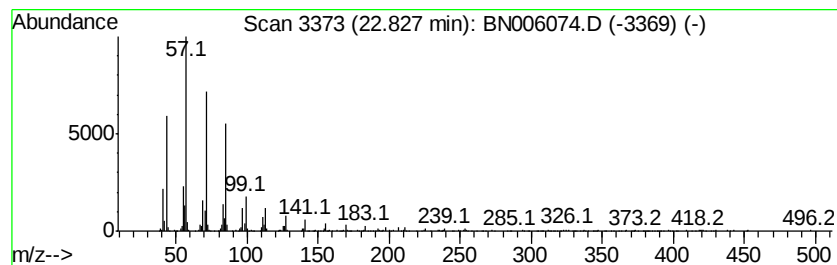
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.39 ng/ul	681453	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		triacontane	422	C30H62	000638-68-6	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006074.D
Acq On : 04 Jun 2019 21:23
Operator : JU/SJ
Sample : K2948-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA8

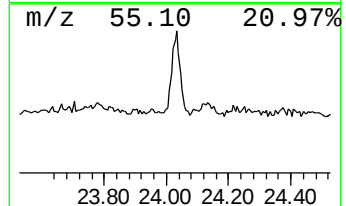
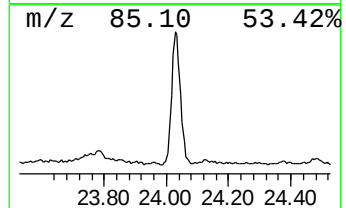
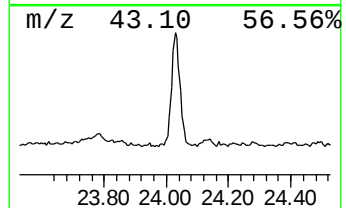
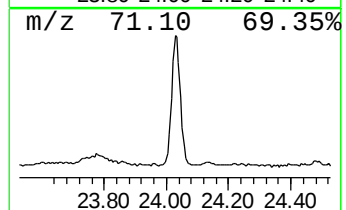
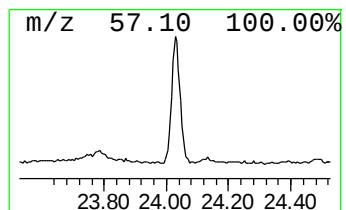
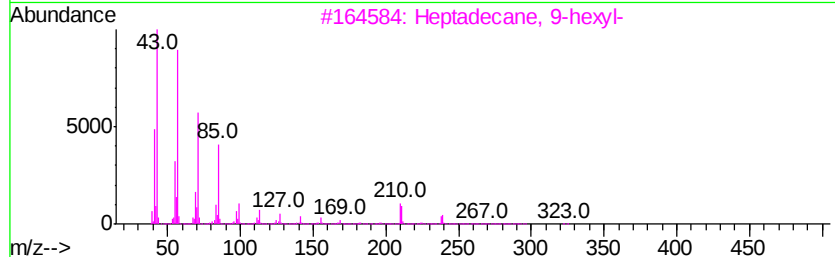
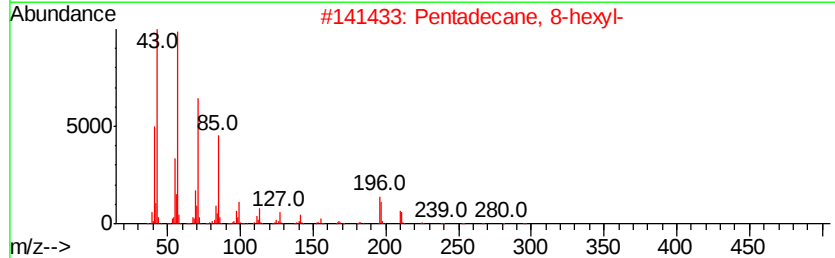
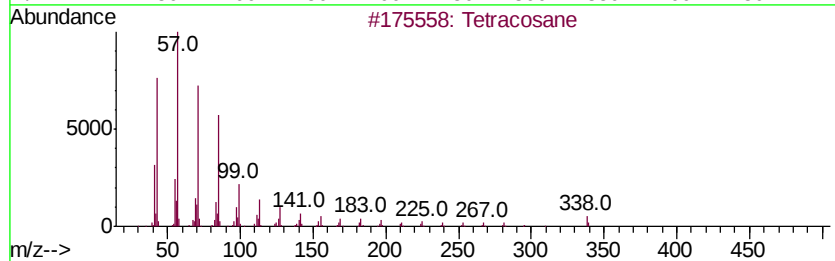
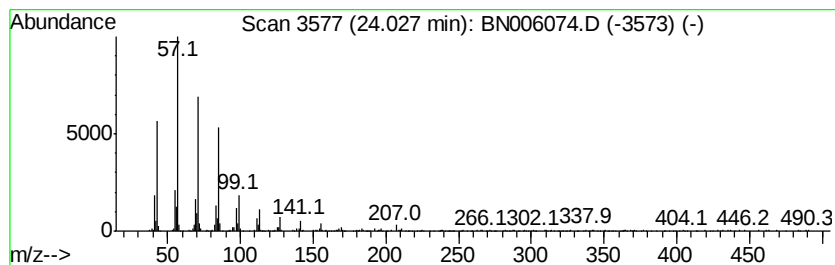
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.42 ng/ul	889219	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
Data File : BN006074.D
Acq On : 04 Jun 2019 21:23
Operator : JU/SJ
Sample : K2948-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHA8

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	555224	4	17.06	3743160	20.0
(DEL) Alkane: Cyc...	20.99	2.6	ng/ul	529538	5	21.27	4005500	20.0
(DEL) Alkane: Str...	22.32	2.8	ng/ul	562316	5	21.27	4005500	20.0
Squalene	22.45	2.9	ng/ul	591080	6	23.50	4025670	20.0
(DEL) Alkane: Str...	22.83	3.4	ng/ul	681453	6	23.50	4025670	20.0
(DEL) Alkane: Str...	24.03	4.4	ng/ul	889219	6	23.50	4025670	20.0