

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026850.D
 Acq On : 3 May 2017 14:09
 Operator : SJ/MA
 Sample : I2871-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB17

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.426	52	57	69	rVB2	37853	65541	1.88%	0.139%
2	3.725	104	108	114	rVB4	4990	8478	0.24%	0.018%
3	5.100	339	342	349	rVB6	4452	9019	0.26%	0.019%
4	6.211	526	531	546	rVB7	5893	15748	0.45%	0.033%
5	7.068	670	677	683	rBV6	7474	21570	0.62%	0.046%
6	7.186	690	697	714	rBV	611066	1173115	33.72%	2.486%
7	7.327	714	721	733	rVV	536722	895962	25.75%	1.899%
8	7.415	733	736	744	rVB7	4954	9003	0.26%	0.019%
9	7.544	746	758	781	rBV	652639	1155040	33.20%	2.448%
10	8.008	824	837	849	rBV	534842	922187	26.51%	1.954%
11	8.332	884	892	894	rBV7	4122	8255	0.24%	0.017%
12	8.719	947	958	983	rBV	777067	1560984	44.87%	3.308%
13	9.166	1021	1034	1045	rBV	629316	1136694	32.67%	2.409%
14	9.325	1054	1061	1075	rBV8	20556	64027	1.84%	0.136%
15	9.583	1101	1105	1110	rVB2	8554	12880	0.37%	0.027%
16	9.889	1149	1157	1170	rBV	512978	941844	27.07%	1.996%
17	10.435	1242	1250	1274	rBV	770284	1540094	44.27%	3.263%
18	10.805	1301	1313	1326	rBV	915716	1620324	46.58%	3.433%
19	10.940	1326	1336	1357	rBV	773477	1521090	43.72%	3.223%
20	11.640	1447	1455	1462	rBV6	5424	14494	0.42%	0.031%
21	12.280	1558	1564	1572	rBV5	7642	17044	0.49%	0.036%
22	12.392	1576	1583	1591	rBV2	17433	30147	0.87%	0.064%
23	13.226	1720	1725	1730	rBV5	7480	10717	0.31%	0.023%
24	13.437	1756	1761	1766	rVB5	5931	10224	0.29%	0.022%
25	13.520	1768	1775	1784	rBV2	26610	55676	1.60%	0.118%
26	14.019	1853	1860	1864	rBV	1478062	2123195	61.03%	4.499%
27	14.066	1864	1868	1877	rVV	721910	1033828	29.72%	2.191%
28	14.137	1877	1880	1887	rVB6	5817	11681	0.34%	0.025%
29	14.313	1900	1910	1929	rBV	1855981	2917198	83.86%	6.182%
30	14.507	1938	1943	1950	rVB2	31960	45703	1.31%	0.097%
31	14.618	1950	1962	1975	rBV2	1358681	2153821	61.91%	4.564%
32	14.842	1993	2000	2025	rVV	304929	865546	24.88%	1.834%
33	15.000	2025	2027	2034	rVV7	14335	33474	0.96%	0.071%
34	15.065	2034	2038	2041	rVV5	12180	21177	0.61%	0.045%

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35	15.124	2041	2048	2055	rVV8	13416	32949	0.95%	0.070%
36	15.188	2055	2059	2066	rVB7	7464	14357	0.41%	0.030%
37	15.400	2091	2095	2100	rBV2	23069	35420	1.02%	0.075%
38	15.453	2100	2104	2109	rVB	70009	83069	2.39%	0.176%
39	15.511	2111	2114	2117	rVB5	5677	8205	0.24%	0.017%
40	15.605	2122	2130	2142	rVB	2175464	3334312	95.85%	7.065%
41	15.729	2145	2151	2165	rBV	475648	742304	21.34%	1.573%
42	15.846	2165	2171	2177	rVV4	47632	92719	2.67%	0.196%
43	15.952	2185	2189	2194	rVB6	12379	16969	0.49%	0.036%
44	16.005	2194	2198	2206	rBV10	10653	17376	0.50%	0.037%
45	16.070	2206	2209	2214	rVB7	11568	13485	0.39%	0.029%
46	16.175	2218	2227	2235	rBV7	6070	21212	0.61%	0.045%
47	16.269	2235	2243	2245	rBV9	6724	13457	0.39%	0.029%
48	16.311	2245	2250	2260	rBV	85754	156108	4.49%	0.331%
49	16.387	2260	2263	2267	rVB5	7531	10430	0.30%	0.022%
50	16.487	2274	2280	2284	rBV9	7308	15957	0.46%	0.034%
51	16.563	2290	2293	2301	rVB10	6631	10715	0.31%	0.023%
52	16.657	2302	2309	2315	rBV7	13514	30647	0.88%	0.065%
53	16.716	2316	2319	2322	rVB2	9734	9382	0.27%	0.020%
54	16.769	2322	2328	2333	rBV9	9429	16074	0.46%	0.034%
55	16.822	2333	2337	2342	rBV6	7749	10710	0.31%	0.023%
56	16.886	2343	2348	2350	rVV5	9694	12845	0.37%	0.027%
57	16.910	2350	2352	2359	rVB7	5141	10897	0.31%	0.023%
58	17.098	2380	2384	2388	rBV2	57691	73492	2.11%	0.156%
59	17.145	2390	2392	2404	rVB4	23495	37794	1.09%	0.080%
60	17.251	2406	2410	2415	rBV8	6698	12858	0.37%	0.027%
61	17.356	2421	2428	2437	rBV2	1454221	2193017	63.04%	4.647%
62	17.456	2437	2445	2454	rVV2	2064994	3303964	94.97%	7.001%
63	17.515	2454	2455	2461	rVV6	10184	14215	0.41%	0.030%
64	17.562	2461	2463	2469	rVB7	5994	9074	0.26%	0.019%
65	17.627	2471	2474	2484	rVB7	8374	16012	0.46%	0.034%
66	17.750	2491	2495	2498	rBV5	6038	9197	0.26%	0.019%
67	17.838	2501	2510	2514	rBV2	53797	115566	3.32%	0.245%
68	18.009	2536	2539	2543	rVB6	13518	17183	0.49%	0.036%
69	18.232	2572	2577	2586	rBV	156694	275924	7.93%	0.585%
70	18.461	2615	2616	2620	rVB4	6476	7794	0.22%	0.017%
71	18.520	2622	2626	2632	rBV2	22530	33588	0.97%	0.071%

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Integration Parameters: LSCINT.P

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72	18.584	2635	2637	2645	rVB9	9061	14191	0.41%	0.030%
73	18.655	2645	2649	2653	rBV7	17124	16183	0.47%	0.034%
74	18.949	2698	2699	2707	rBV8	4501	8589	0.25%	0.018%
75	19.031	2710	2713	2718	rVB7	7096	8402	0.24%	0.018%
76	19.154	2730	2734	2740	rBV5	21020	40077	1.15%	0.085%
77	19.284	2752	2756	2758	rBV5	8355	10814	0.31%	0.023%
78	19.372	2766	2771	2782	rBV2	32054	76000	2.18%	0.161%
79	19.501	2788	2793	2801	rBV8	43589	89273	2.57%	0.189%
80	19.624	2809	2814	2824	rVB3	24567	42986	1.24%	0.091%
81	19.736	2824	2833	2843	rBV	2377371	3449298	99.15%	7.309%
82	19.977	2873	2874	2881	rBV7	7180	10335	0.30%	0.022%
83	20.130	2896	2900	2905	rVB7	11403	13103	0.38%	0.028%
84	20.253	2918	2921	2925	rBV6	7551	10661	0.31%	0.023%
85	20.388	2941	2944	2948	rBV5	13406	13493	0.39%	0.029%
86	20.605	2980	2981	2983	rBV2	8490	7803	0.22%	0.017%
87	20.682	2992	2994	2998	rBV5	9685	11935	0.34%	0.025%
88	20.741	3002	3004	3008	rBV5	11503	12238	0.35%	0.026%
89	21.598	3143	3150	3162	rVB	1388963	2245697	64.55%	4.759%
90	21.739	3171	3174	3176	rBV4	12578	11733	0.34%	0.025%
91	22.368	3277	3281	3286	rBV3	33238	64861	1.86%	0.137%
92	23.044	3390	3396	3403	rVB2	74345	150956	4.34%	0.320%
93	23.226	3423	3427	3438	rVB2	54670	95462	2.74%	0.202%
94	23.825	3522	3529	3536	rBV2	109486	227310	6.53%	0.482%
95	24.548	3641	3652	3669	rVB2	1263942	3478845	100.00%	7.372%
96	24.759	3677	3688	3703	rVB	923643	2686415	77.22%	5.693%
97	25.846	3865	3873	3883	rBV3	129792	361490	10.39%	0.766%
98	27.163	4087	4097	4109	rVB3	128474	454433	13.06%	0.963%
99	28.749	4355	4367	4381	rVB5	86036	356610	10.25%	0.756%
100	30.676	4684	4695	4711	rVB5	74601	367585	10.57%	0.779%

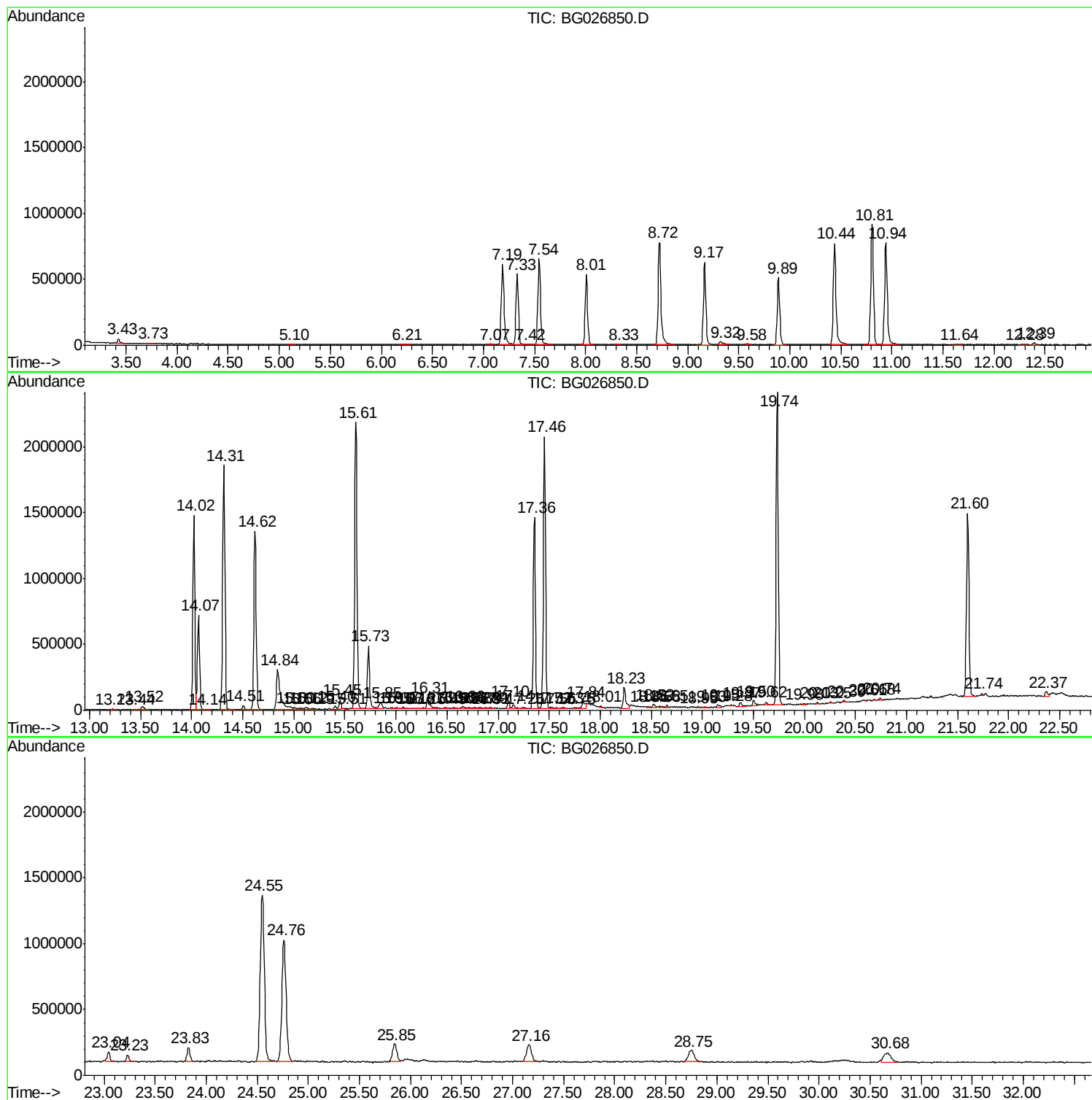
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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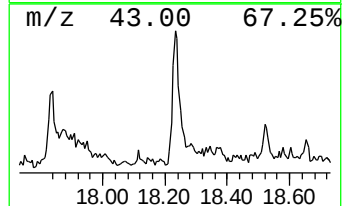
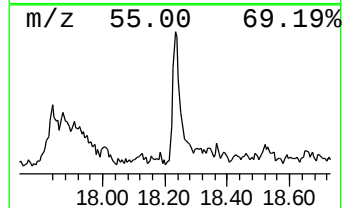
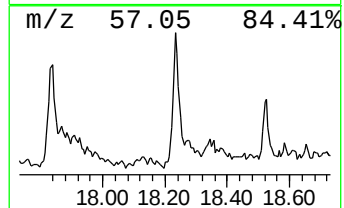
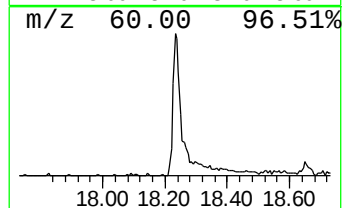
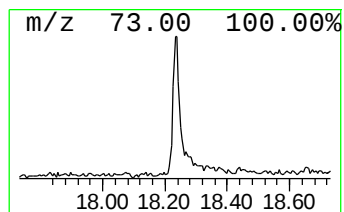
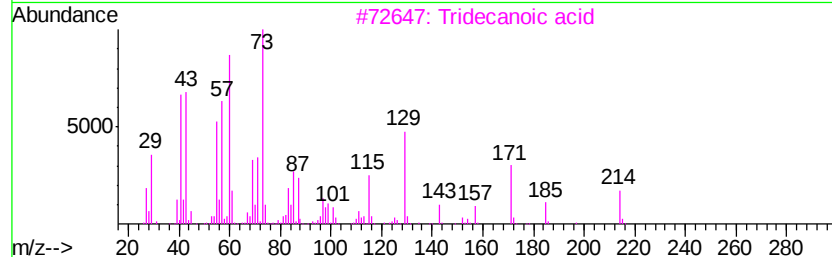
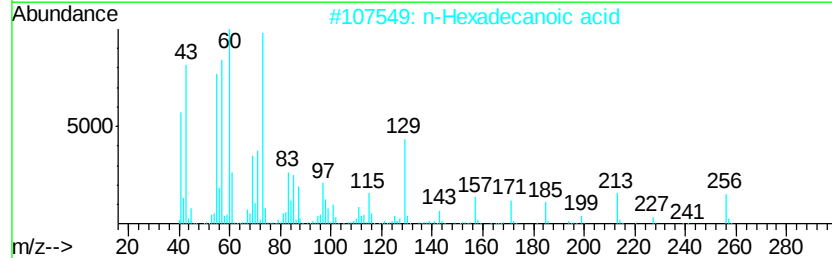
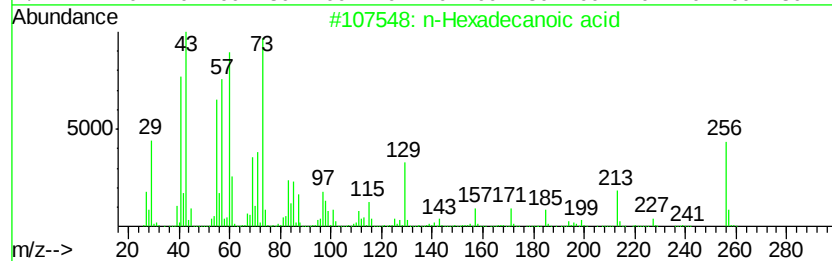
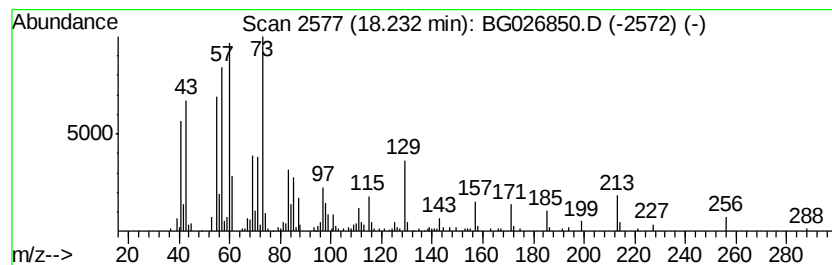
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.23	2.52 ng/ul	275924	Phenanthrene-d10	17.36		
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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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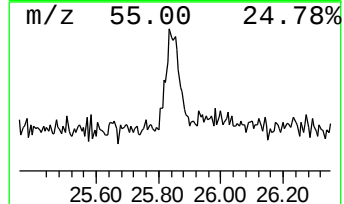
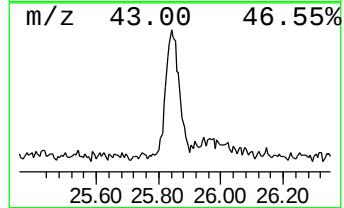
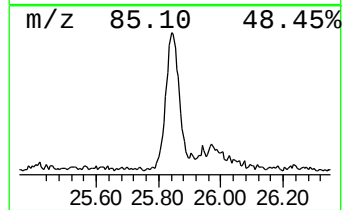
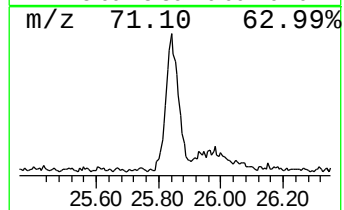
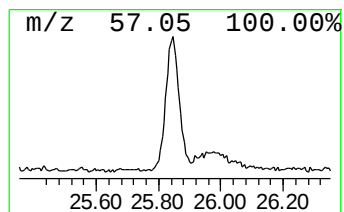
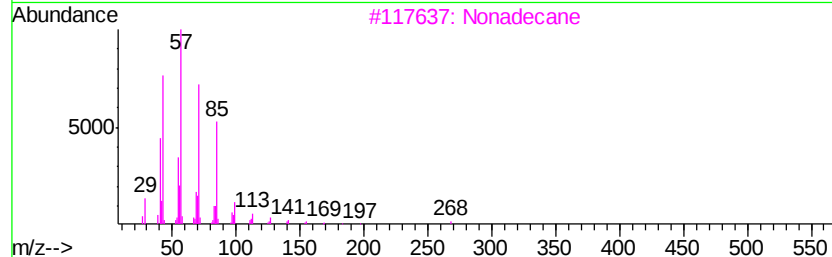
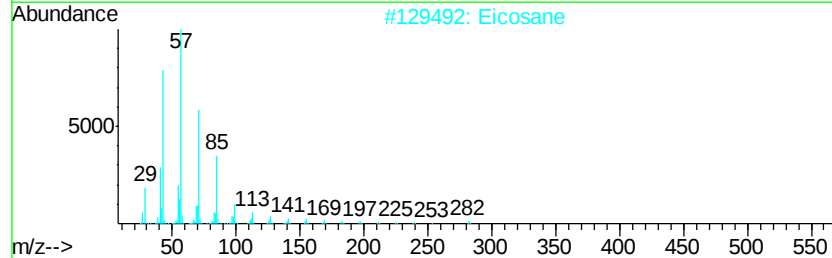
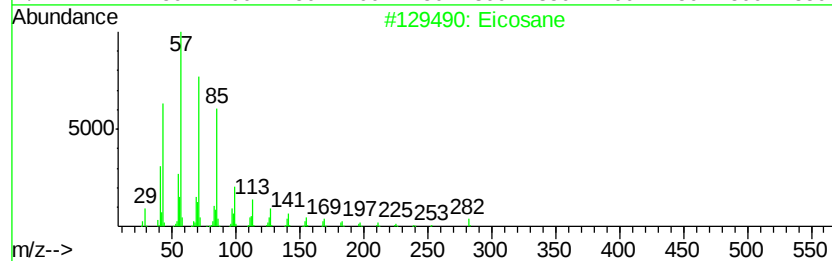
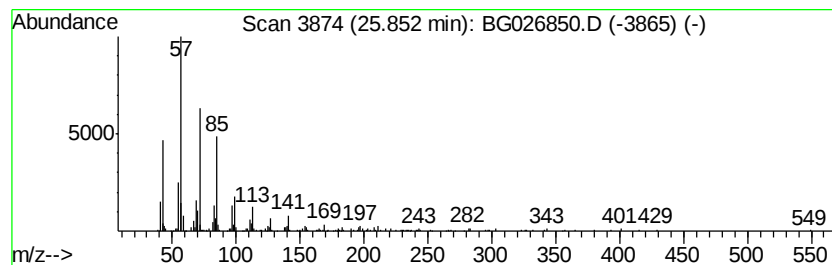
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.69 ng/ul	361490	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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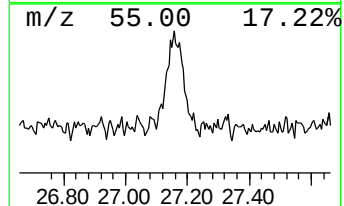
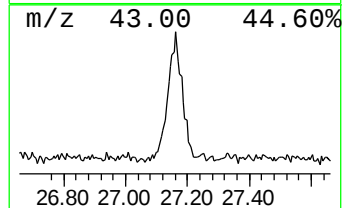
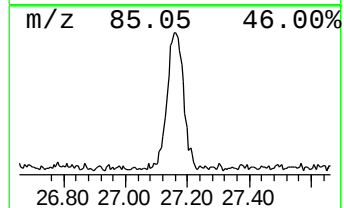
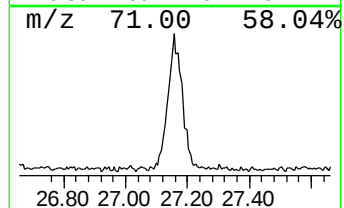
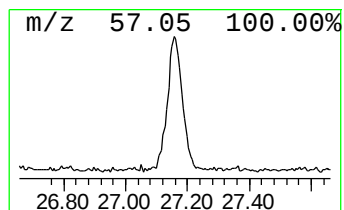
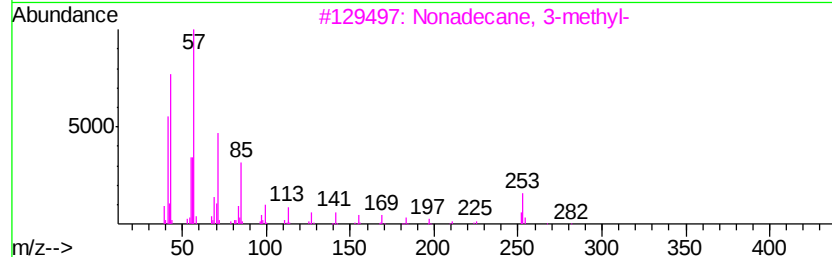
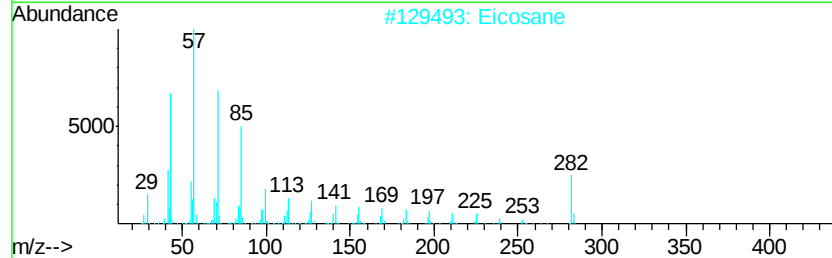
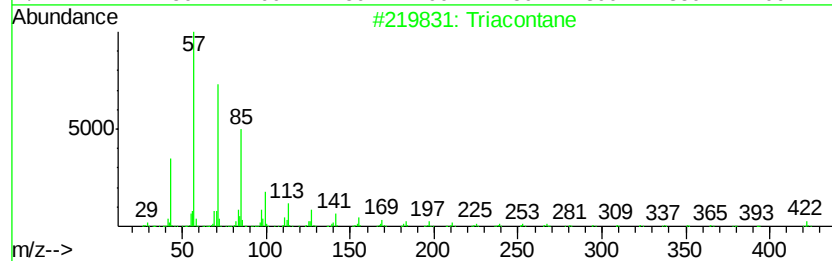
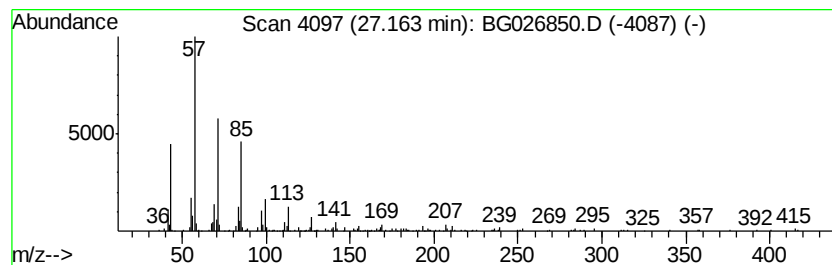
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	3.38 ng/ul	454433	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Nonadecane, 3-methyl-	282	C20H42	006418-45-7	86
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026850.D
Acq On : 3 May 2017 14:09
Operator : SJ/MA
Sample : I2871-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB17

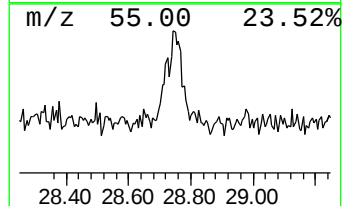
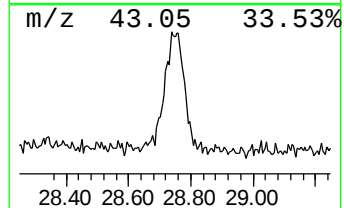
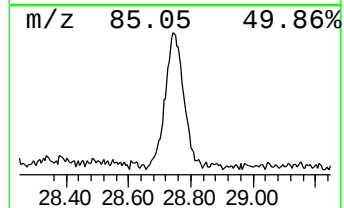
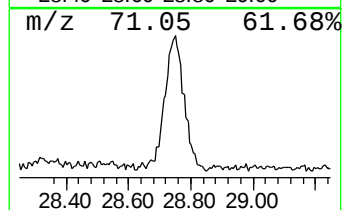
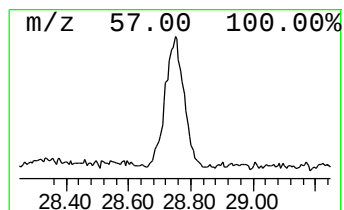
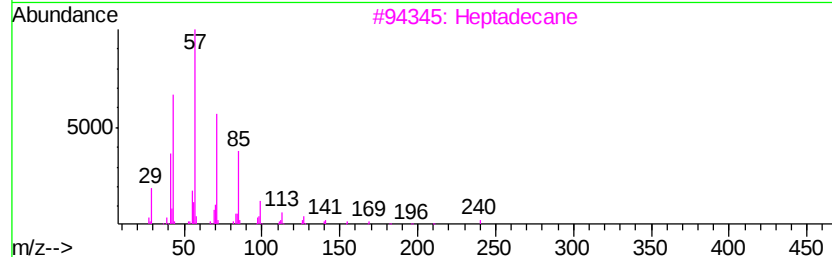
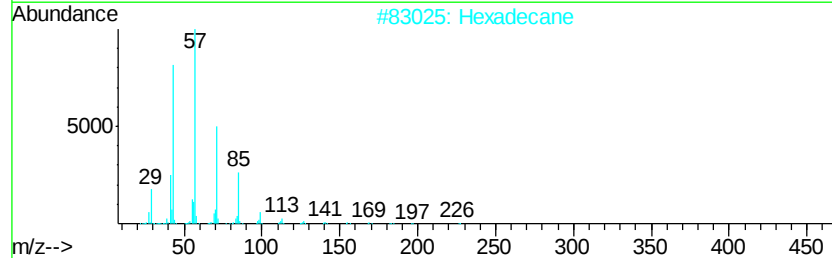
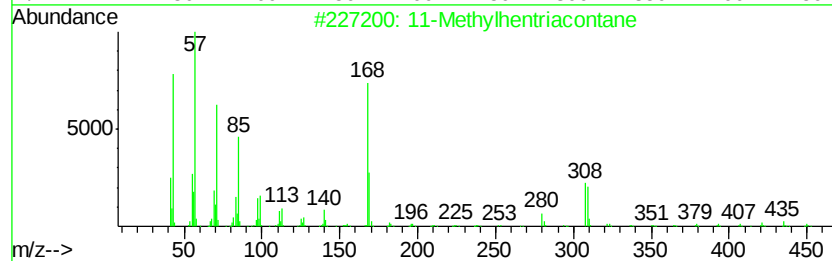
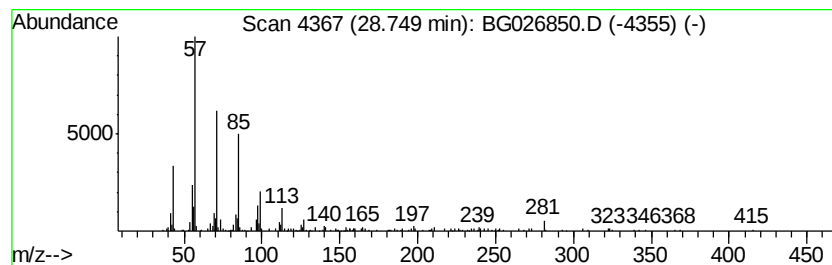
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.65 ng/ul	356610	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Methylhentriacontane	451	C32H66	035799-05-4	83
2		Hexadecane	226	C16H34	000544-76-3	81
3		Heptadecane	240	C17H36	000629-78-7	80
4		triacontane	422	C30H62	000638-68-6	72
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72



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Sample : I2871-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB17

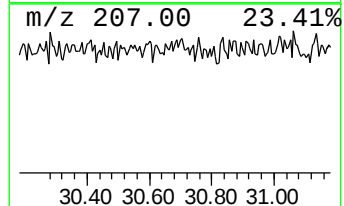
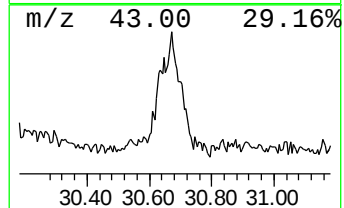
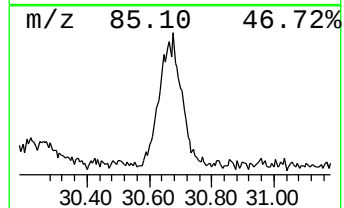
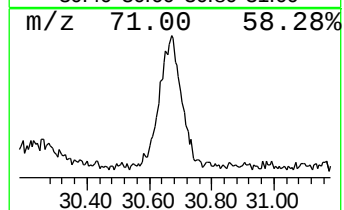
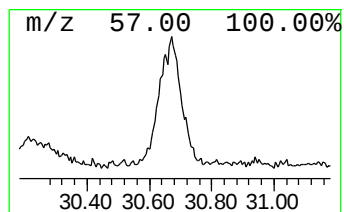
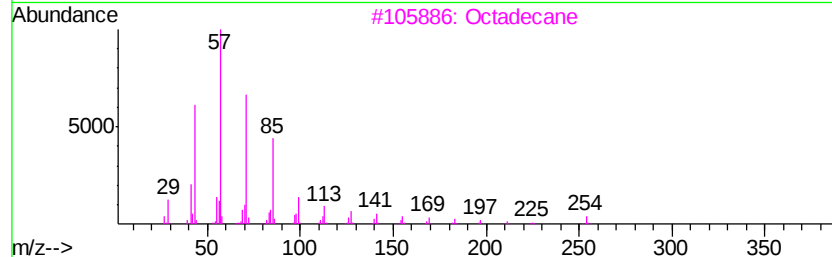
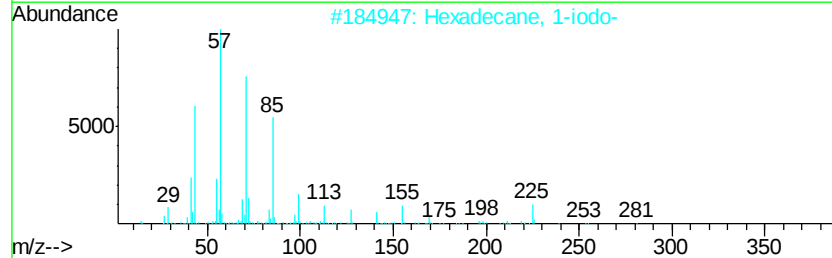
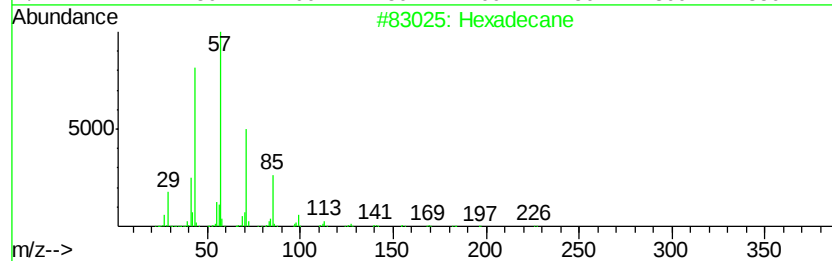
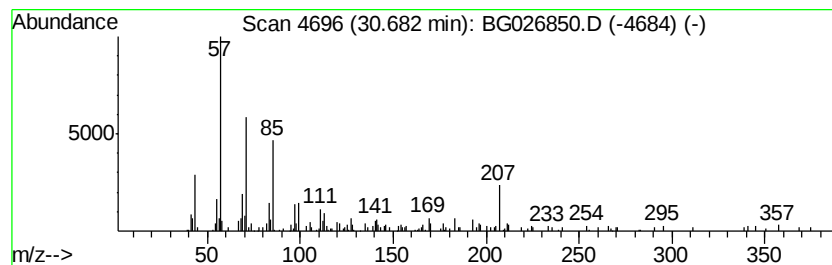
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
30.68	2.74 ng/ul	367585	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
3		Octadecane	254	C18H38	000593-45-3	72
4		Octadecane	254	C18H38	000593-45-3	60
5		Hexadecane	226	C16H34	000544-76-3	60



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Sample : I2871-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	18.23	2.5	ng/ul	275924	4	17.36	2193020	20.0
(DEL) Alkane: Str...	25.85	2.7	ng/ul	361490	6	24.77	2686420	20.0
(DEL) Alkane: Str...	27.16	3.4	ng/ul	454433	6	24.77	2686420	20.0
(DEL) Alkane: Str...	28.75	2.6	ng/ul	356610	6	24.77	2686420	20.0
(DEL) Alkane: Str...	30.68	2.7	ng/ul	367585	6	24.77	2686420	20.0