

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG082819.D
 Acq On : 28 Aug 2017 15:17
 Operator : SJ/JU
 Sample : I4905-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B07

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-BG080217.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	3.705	17	20	24	rBV4	2472	2638	0.25%	0.022%
2	3.810	35	38	49	rVB6	7414	14703	1.40%	0.123%
3	3.928	55	58	62	rVB4	2591	3146	0.30%	0.026%
4	4.157	94	97	100	rVB3	2880	3641	0.35%	0.030%
5	4.392	133	137	140	rVB3	2761	3486	0.33%	0.029%
6	4.439	141	145	148	rVB3	2589	3288	0.31%	0.028%
7	4.551	160	164	166	rBV4	2810	3487	0.33%	0.029%
8	4.897	220	223	231	rBV5	2564	6372	0.61%	0.053%
9	5.444	310	316	319	rVB5	4586	6579	0.63%	0.055%
10	5.550	329	334	338	rVB5	2151	3657	0.35%	0.031%
11	5.597	338	342	348	rBV4	1687	3842	0.37%	0.032%
12	6.102	424	428	433	rBV4	2150	4234	0.40%	0.035%
13	6.554	503	505	512	rVB5	2044	3390	0.32%	0.028%
14	6.866	557	558	563	rVB4	1982	2853	0.27%	0.024%
15	7.236	615	621	625	rVB3	1801	2950	0.28%	0.025%
16	7.489	656	664	678	rBV	128953	269961	25.65%	2.261%
17	7.653	683	692	700	rBV	89469	159264	15.13%	1.334%
18	7.870	721	729	744	rVV2	129017	234276	22.26%	1.962%
19	8.147	773	776	781	rVB4	1924	3055	0.29%	0.026%
20	8.335	801	808	822	rVB2	130954	239736	22.78%	2.008%
21	8.446	822	827	833	rVV3	2268	4427	0.42%	0.037%
22	9.034	920	927	940	rBV2	156213	299715	28.48%	2.510%
23	9.169	944	950	957	rVB5	6099	14095	1.34%	0.118%
24	9.504	1000	1007	1021	rVB	136641	247626	23.53%	2.074%
25	9.798	1053	1057	1062	rBV2	1965	3376	0.32%	0.028%
26	10.232	1120	1131	1142	rBV	112390	220819	20.98%	1.849%
27	10.450	1162	1168	1179	rBV8	6929	22718	2.16%	0.190%
28	10.520	1179	1180	1185	rVB3	2797	2686	0.26%	0.022%
29	10.573	1186	1189	1196	rVB4	2067	4165	0.40%	0.035%
30	10.773	1213	1223	1237	rBV	160301	325829	30.96%	2.729%
31	11.155	1280	1288	1297	rVB	198371	369100	35.07%	3.091%
32	11.290	1300	1311	1324	rBV	127408	262264	24.92%	2.196%
33	11.754	1385	1390	1393	rBV2	2218	2972	0.28%	0.025%
34	12.724	1550	1555	1563	rBV5	3290	7056	0.67%	0.059%

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35	13.211	1630	1638	1649	rBV6	15128	37627	3.58%	0.315%
36	13.540	1691	1694	1700	rBV3	2780	3760	0.36%	0.031%
37	13.881	1748	1752	1758	rVB4	1970	3712	0.35%	0.031%
38	14.333	1822	1829	1834	rBV	342134	524155	49.81%	4.389%
39	14.380	1834	1837	1847	rVB	101607	144818	13.76%	1.213%
40	14.486	1851	1855	1859	rVB4	1995	2913	0.28%	0.024%
41	14.574	1863	1870	1873	rBV3	2851	5081	0.48%	0.043%
42	14.645	1873	1882	1893	rVV	349555	579079	55.03%	4.849%
43	14.727	1893	1896	1900	rVB3	2364	2876	0.27%	0.024%
44	14.809	1903	1910	1917	rVB7	4729	8644	0.82%	0.072%
45	14.944	1925	1933	1942	rBV3	315273	539443	51.26%	4.517%
46	15.150	1961	1968	1984	rBV2	77934	184486	17.53%	1.545%
47	15.332	1990	1999	2000	rBV6	10540	15302	1.45%	0.128%
48	15.479	2021	2024	2028	rBV2	2404	3567	0.34%	0.030%
49	15.744	2065	2069	2075	rBV5	11788	15389	1.46%	0.129%
50	15.873	2085	2091	2093	rVV3	2109	3648	0.35%	0.031%
51	15.937	2093	2102	2116	rVV	478744	756572	71.89%	6.336%
52	16.055	2117	2122	2131	rBV	109729	189691	18.03%	1.588%
53	16.149	2136	2138	2140	rBV3	2174	2773	0.26%	0.023%
54	16.172	2140	2142	2150	rVB5	5811	9078	0.86%	0.076%
55	16.366	2171	2175	2179	rBV3	2959	4216	0.40%	0.035%
56	16.466	2187	2192	2194	rBV3	2036	3174	0.30%	0.027%
57	16.607	2211	2216	2228	rVB3	13962	26498	2.52%	0.222%
58	16.830	2252	2254	2257	rBV2	3067	3446	0.33%	0.029%
59	16.954	2270	2275	2280	rBV5	3631	6757	0.64%	0.057%
60	17.060	2290	2293	2299	rBV5	3241	6159	0.59%	0.052%
61	17.183	2310	2314	2317	rBV3	2121	3089	0.29%	0.026%
62	17.400	2346	2351	2358	rBV6	7969	11843	1.13%	0.099%
63	17.453	2358	2360	2363	rVB3	2622	3026	0.29%	0.025%
64	17.489	2363	2366	2369	rBV4	3243	3178	0.30%	0.027%
65	17.700	2394	2402	2411	rVV2	419327	672152	63.87%	5.629%
66	17.794	2411	2418	2429	rVV	521624	842689	80.08%	7.057%
67	17.876	2429	2432	2439	rVB5	4389	5775	0.55%	0.048%
68	18.094	2466	2469	2473	rVB5	4559	5388	0.51%	0.045%
69	18.141	2475	2477	2484	rVB4	3237	5335	0.51%	0.045%
70	18.235	2487	2493	2497	rVB3	2618	4665	0.44%	0.039%
71	18.288	2499	2502	2504	rVB	3410	3114	0.30%	0.026%

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72	18.364	2512	2515	2520	rVB4	2557	3285	0.31%	0.028%
73	18.546	2540	2546	2554	rBV5	45411	86372	8.21%	0.723%
74	18.617	2555	2558	2561	rVB5	4520	5266	0.50%	0.044%
75	18.746	2579	2580	2585	rVB5	3978	4973	0.47%	0.042%
76	18.781	2585	2586	2591	rBV5	3047	5038	0.48%	0.042%
77	18.940	2602	2613	2614	rBV9	5290	15402	1.46%	0.129%
78	19.063	2631	2634	2639	rBV5	5612	9047	0.86%	0.076%
79	19.104	2639	2641	2645	rVV4	2979	4519	0.43%	0.038%
80	19.145	2645	2648	2651	rVB5	3353	3529	0.34%	0.030%
81	19.304	2667	2675	2678	rBV7	5883	12992	1.23%	0.109%
82	19.469	2699	2703	2708	rVB7	6333	11581	1.10%	0.097%
83	19.709	2739	2744	2746	rBV3	8078	13486	1.28%	0.113%
84	19.739	2746	2749	2752	rVB2	10329	13605	1.29%	0.114%
85	19.803	2753	2760	2766	rBV10	18099	36561	3.47%	0.306%
86	19.956	2783	2786	2792	rVB6	7169	11969	1.14%	0.100%
87	20.074	2798	2806	2818	rVB	693261	1052330	100.00%	8.812%
88	20.491	2873	2877	2883	rBV2	21865	35784	3.40%	0.300%
89	20.814	2931	2932	2938	rVB6	9756	11006	1.05%	0.092%
90	21.020	2965	2967	2971	rVB4	14846	16291	1.55%	0.136%
91	21.601	3061	3066	3076	rBV10	28696	76122	7.23%	0.637%
92	22.024	3130	3138	3150	rBV	458946	838631	79.69%	7.023%
93	22.870	3278	3282	3299	rVB	20022	65724	6.25%	0.550%
94	23.564	3398	3400	3409	rVB10	11296	19384	1.84%	0.162%
95	24.433	3544	3548	3555	rVB6	22107	41421	3.94%	0.347%
96	25.291	3682	3694	3714	rBV2	299937	1047114	99.50%	8.769%
97	25.526	3719	3734	3750	rVB2	215850	776046	73.75%	6.499%
98	26.695	3925	3933	3944	rVB9	29784	94719	9.00%	0.793%
99	28.158	4175	4182	4194	rVB7	26004	84973	8.07%	0.712%
100	30.044	4496	4503	4519	rVB7	35640	139952	13.30%	1.172%

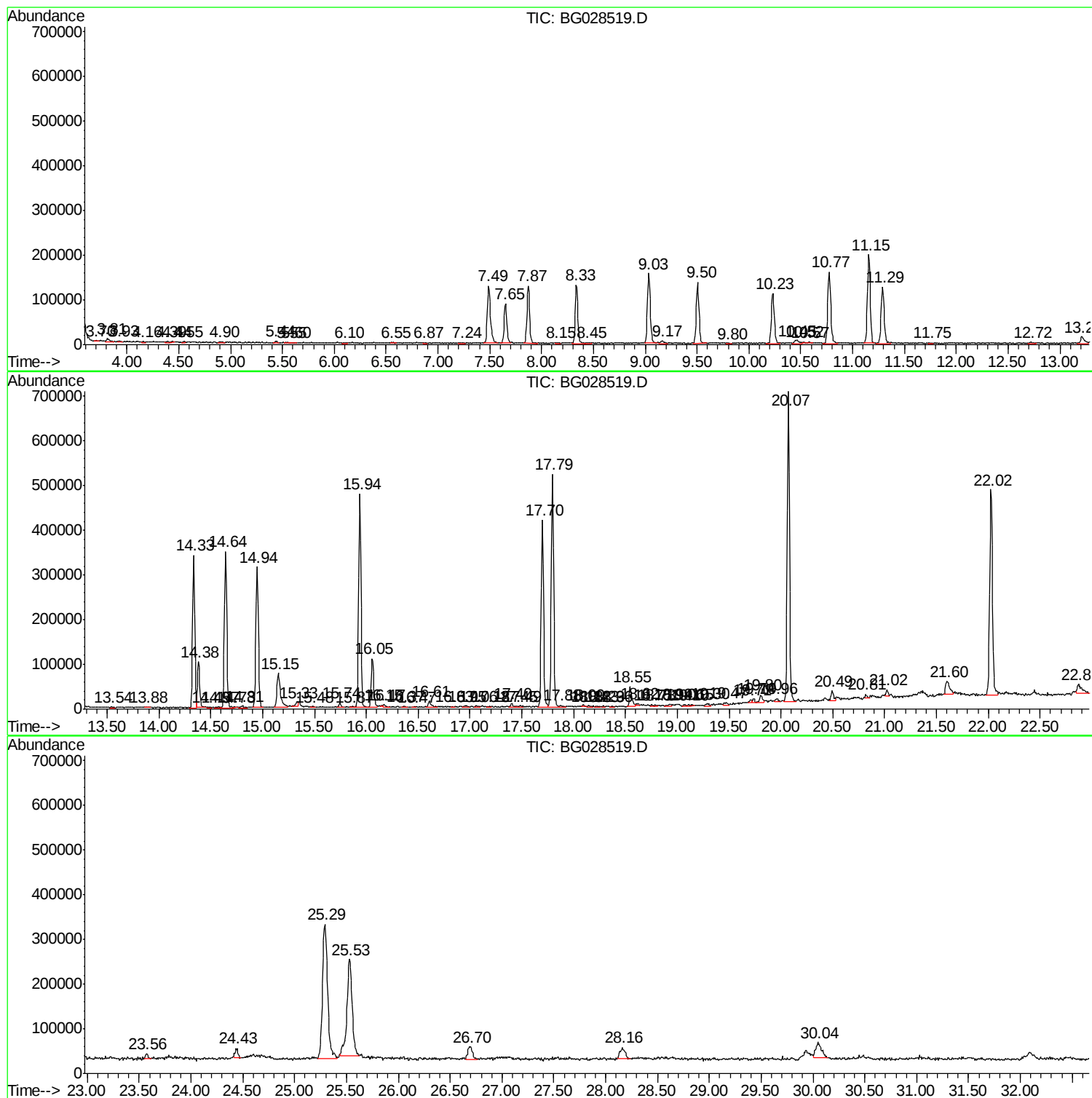
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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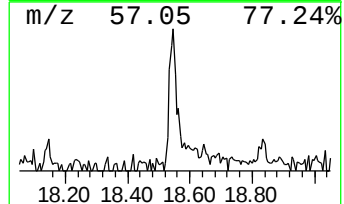
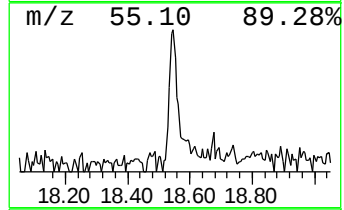
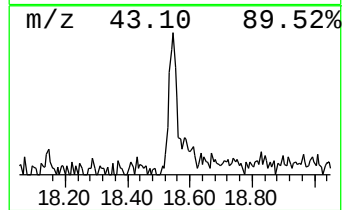
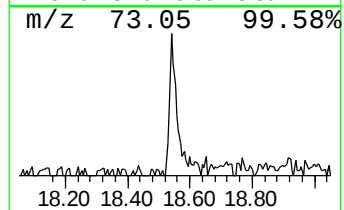
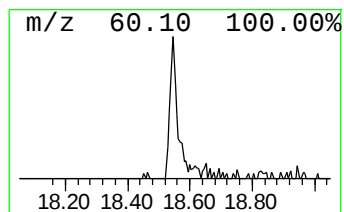
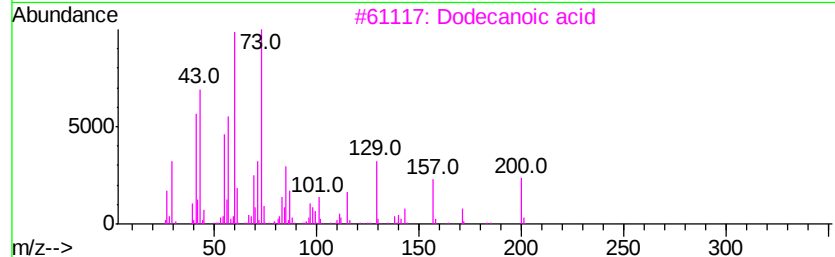
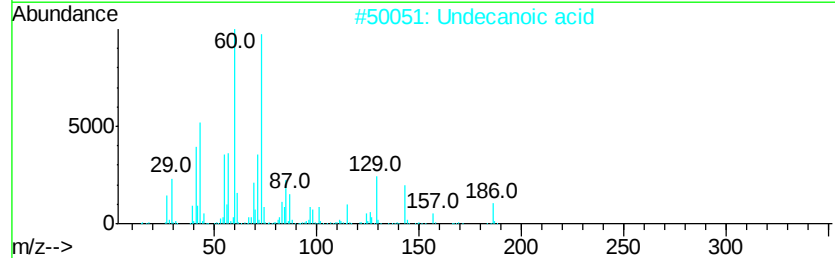
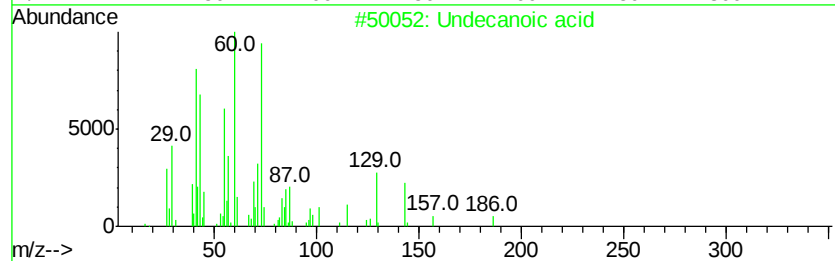
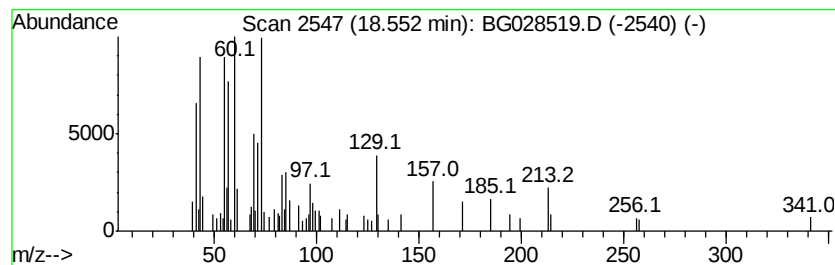
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Undecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.55	2.57 ng/ul	86372	Phenanthrene-d10		17.70	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid		186	C11H22O2	000112-37-8	70
2	Undecanoic acid		186	C11H22O2	000112-37-8	50
3	Dodecanoic acid		200	C12H24O2	000143-07-7	50
4	Trehalose		342	C12H22O11	000099-20-7	47
5	Tridecanoic acid		214	C13H26O2	000638-53-9	47



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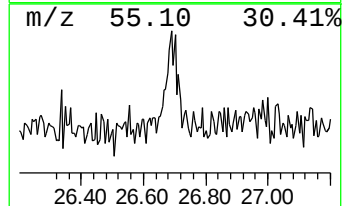
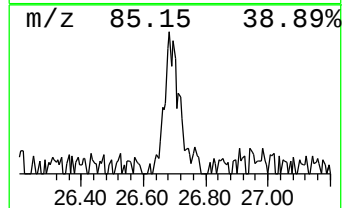
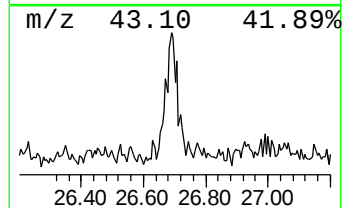
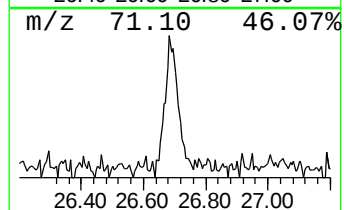
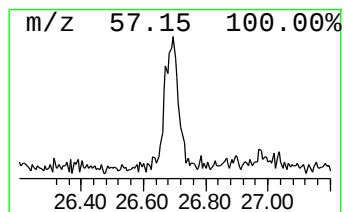
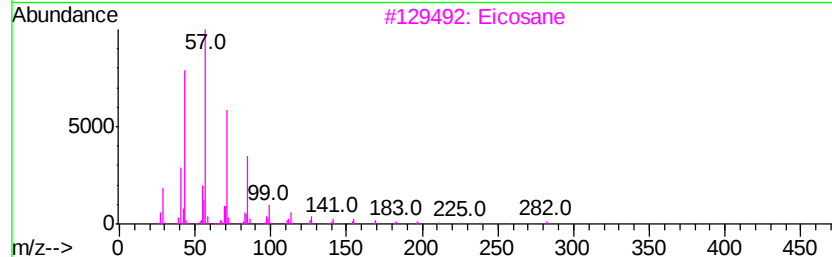
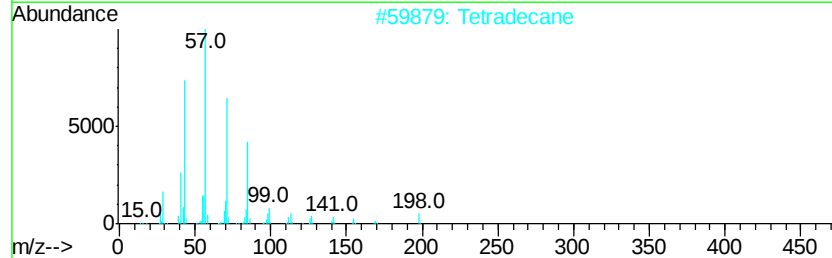
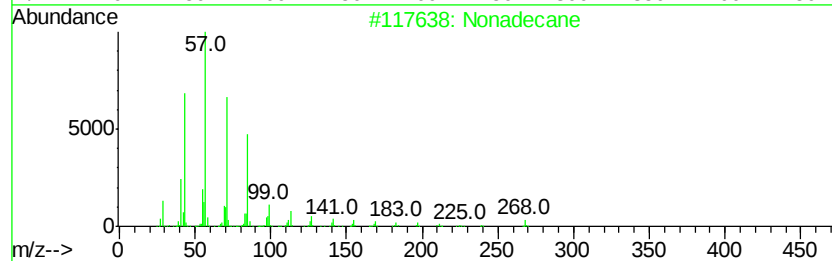
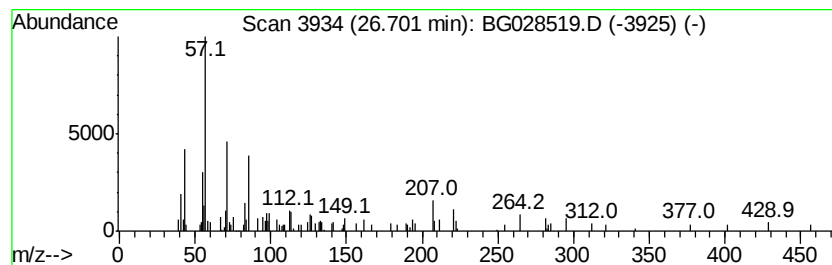
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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.
26.70	2.44 ng/ul	94719	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	83
2		Tetradecane	198	C14H30	000629-59-4	53
3		Eicosane	282	C20H42	000112-95-8	53
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	50



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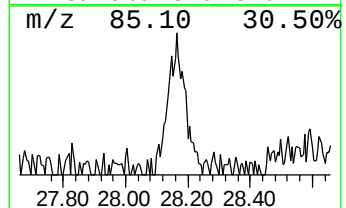
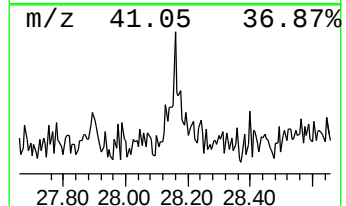
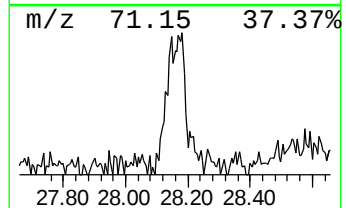
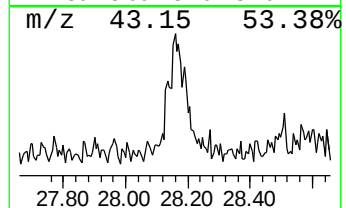
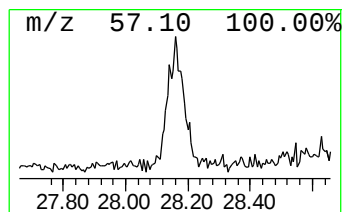
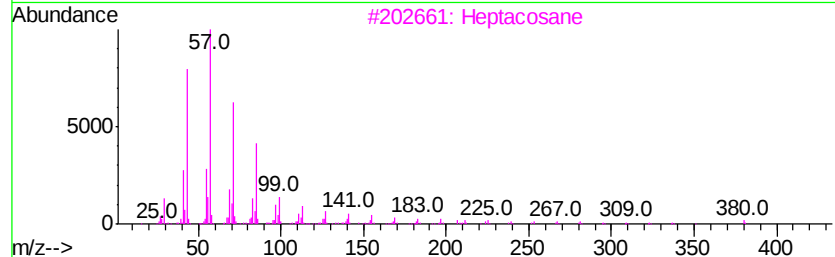
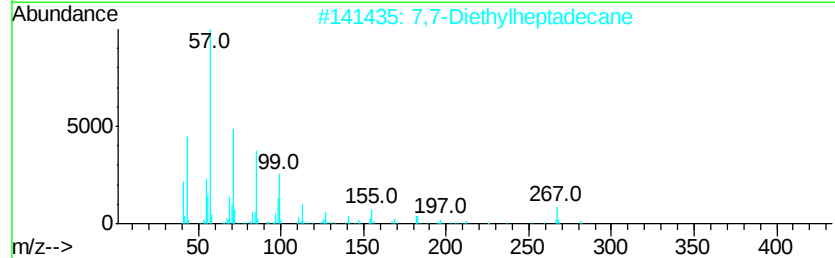
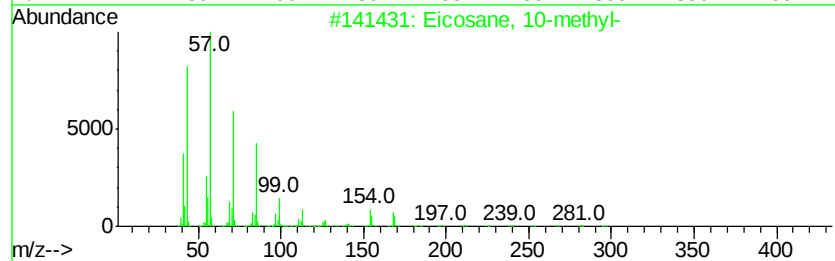
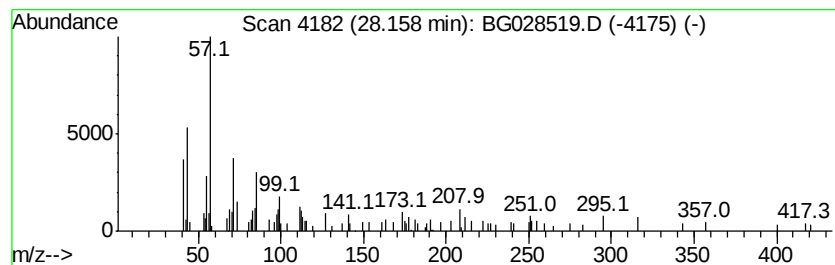
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.19 ng/ul	84973	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	11
2		7,7-Diethylheptadecane	296	C21H44	1000360-41-5	10
3		Heptacosane	380	C27H56	000593-49-7	10
4		Hexacosane	366	C26H54	000630-01-3	10
5		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	10



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Sample : I4905-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B07

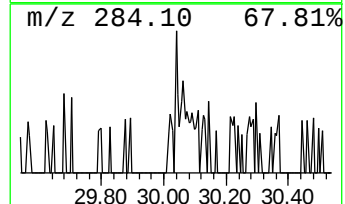
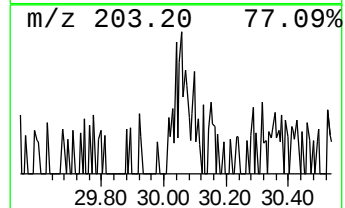
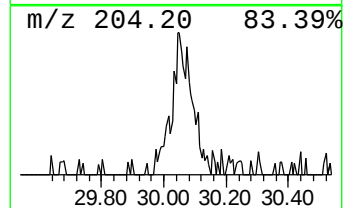
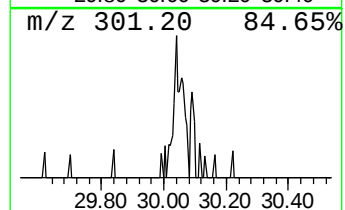
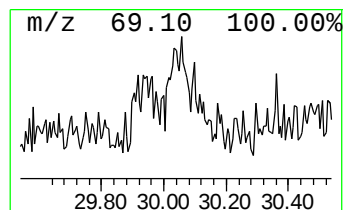
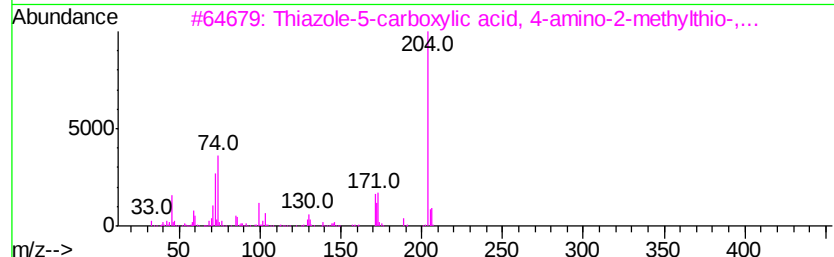
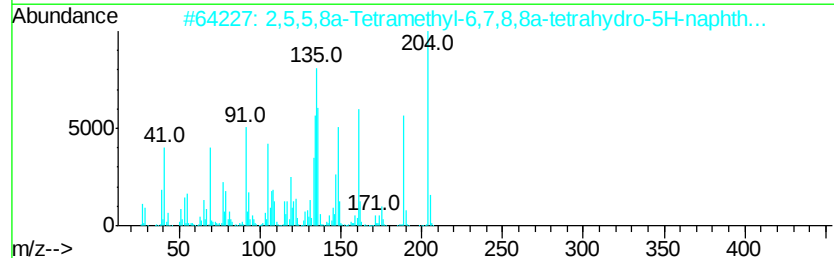
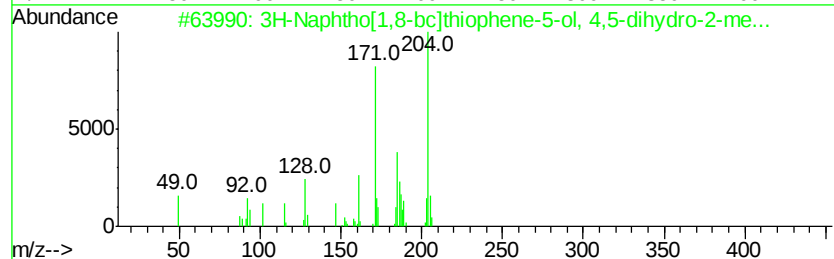
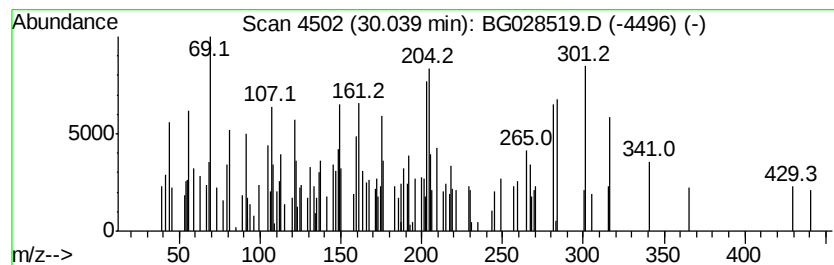
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.04	3.61 ng/ul	139952	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-Naphtho[1,8-bc]thiophene-5-ol...	204	C12H12OS	018992-54-6	18
2		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	18
3		Thiazole-5-carboxylic acid, 4-am...	204	C6H8N2O2S2	060093-05-2	14
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	14
5		1,4-Naphthalenedione, 8-hydroxy-...	204	C11H8O4	015254-76-9	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082817\
Data File : BG028519.D
Acq On : 28 Aug 2017 15:17
Operator : SJ/JU
Sample : I4905-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Undecanoic acid	18.55	2.6	ng/ul	86372	4	17.70	672152	20.0
(DEL) Alkane: Str...	26.70	2.4	ng/ul	94719	6	25.53	776046	20.0
(DEL) Alkane: Str...	28.16	2.2	ng/ul	84973	6	25.53	776046	20.0
unknown-01	30.04	3.6	ng/ul	139952	6	25.53	776046	20.0