

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026883.D
 Acq On : 6 May 2017 15:28
 Operator : SJ/MA
 Sample : I2884-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB36

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	3.423	52	57	69	rVB	30007	52859	1.59%	0.118%
2	5.109	337	344	352	rVB5	9726	17690	0.53%	0.039%
3	6.214	526	532	540	rBV6	5011	13284	0.40%	0.030%
4	7.183	688	697	716	rBV	581784	1173156	35.25%	2.614%
5	7.330	716	722	734	rVV	544424	886967	26.65%	1.976%
6	7.412	734	736	747	rVB9	3983	7689	0.23%	0.017%
7	7.547	751	759	772	rBV	642799	1136622	34.15%	2.532%
8	8.006	829	837	857	rBV	642661	1096920	32.96%	2.444%
9	8.723	948	959	975	rBV	721840	1399280	42.05%	3.117%
10	9.163	1026	1034	1051	rBV	595129	1079137	32.43%	2.404%
11	9.328	1056	1062	1075	rBV	7429	23617	0.71%	0.053%
12	9.586	1101	1106	1113	rVB3	13808	22462	0.67%	0.050%
13	9.886	1150	1157	1177	rVV	451560	849701	25.53%	1.893%
14	10.438	1241	1251	1278	rBV	743222	1460437	43.88%	3.254%
15	10.808	1302	1314	1326	rBV	1023234	1809016	54.36%	4.030%
16	10.938	1328	1336	1359	rVB	468442	975219	29.30%	2.173%
17	11.672	1452	1461	1465	rBV5	3307	7711	0.23%	0.017%
18	12.283	1556	1565	1573	rVB6	4649	11667	0.35%	0.026%
19	12.395	1576	1584	1590	rBV2	13150	24656	0.74%	0.055%
20	13.012	1682	1689	1695	rBV5	4536	10225	0.31%	0.023%
21	13.229	1722	1726	1730	rBV3	10471	13856	0.42%	0.031%
22	13.441	1754	1762	1768	rVV2	15043	23007	0.69%	0.051%
23	13.511	1768	1774	1781	rBV7	4247	8069	0.24%	0.018%
24	13.599	1784	1789	1798	rVB6	4840	10738	0.32%	0.024%
25	13.963	1842	1851	1854	rBV7	6395	14000	0.42%	0.031%
26	14.022	1854	1861	1865	rVV	1129350	1701917	51.14%	3.792%
27	14.069	1865	1869	1877	rVV	445727	661024	19.86%	1.473%
28	14.140	1877	1881	1888	rVB5	7616	14493	0.44%	0.032%
29	14.210	1888	1893	1899	rBV4	5614	9870	0.30%	0.022%
30	14.316	1899	1911	1923	rBV	1709663	2725155	81.89%	6.071%
31	14.504	1938	1943	1948	rVB	43276	55891	1.68%	0.125%
32	14.621	1952	1963	1975	rBV2	1420232	2305545	69.28%	5.136%
33	14.716	1975	1979	1985	rVB7	5141	8192	0.25%	0.018%
34	14.774	1985	1989	1993	rBV5	3820	7335	0.22%	0.016%

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35	14.845	1993	2001	2016	rBV	202633	583364	17.53%	1.300%
36	15.003	2026	2028	2033	rVB5	9294	12190	0.37%	0.027%
37	15.062	2033	2038	2043	rVB8	10045	18269	0.55%	0.041%
38	15.121	2043	2048	2055	rBV8	13138	21970	0.66%	0.049%
39	15.191	2055	2060	2065	rVB5	11785	17826	0.54%	0.040%
40	15.250	2065	2070	2077	rVB9	3720	8707	0.26%	0.019%
41	15.350	2078	2087	2092	rBV9	4070	8325	0.25%	0.019%
42	15.403	2092	2096	2100	rBV2	17232	26050	0.78%	0.058%
43	15.456	2100	2105	2109	rVB	69898	92493	2.78%	0.206%
44	15.503	2110	2113	2119	rVB7	6666	12810	0.38%	0.029%
45	15.609	2119	2131	2144	rBV	2043335	3144182	94.48%	7.005%
46	15.732	2145	2152	2164	rVV	249869	403155	12.11%	0.898%
47	15.849	2164	2172	2178	rVV5	44156	90138	2.71%	0.201%
48	15.896	2178	2180	2184	rVB4	10128	9392	0.28%	0.021%
49	15.955	2186	2190	2194	rBV3	10476	13224	0.40%	0.029%
50	16.008	2196	2199	2205	rVB5	11054	15988	0.48%	0.036%
51	16.073	2206	2210	2214	rVB6	13743	17948	0.54%	0.040%
52	16.314	2245	2251	2261	rVV	86418	157970	4.75%	0.352%
53	16.390	2261	2264	2269	rVB6	9036	12303	0.37%	0.027%
54	16.490	2279	2281	2284	rVB4	6696	7228	0.22%	0.016%
55	16.560	2288	2293	2296	rBV7	6988	9137	0.27%	0.020%
56	16.654	2304	2309	2315	rBV6	13563	31822	0.96%	0.071%
57	16.719	2317	2320	2323	rVB4	8964	9683	0.29%	0.022%
58	16.766	2323	2328	2333	rBV7	12403	18991	0.57%	0.042%
59	16.819	2333	2337	2343	rVB5	12030	16532	0.50%	0.037%
60	16.884	2344	2348	2352	rBV6	13596	18338	0.55%	0.041%
61	17.025	2369	2372	2374	rBV3	6153	7319	0.22%	0.016%
62	17.101	2379	2385	2389	rBV	60499	78908	2.37%	0.176%
63	17.154	2389	2394	2404	rVB6	25276	51363	1.54%	0.114%
64	17.260	2404	2412	2417	rBV10	10848	24605	0.74%	0.055%
65	17.354	2421	2428	2438	rBV	1540796	2345254	70.47%	5.225%
66	17.453	2438	2445	2454	rVV2	1982749	3027037	90.96%	6.744%
67	17.524	2454	2457	2462	rVB7	5330	9519	0.29%	0.021%
68	17.571	2463	2465	2471	rVB7	7854	12651	0.38%	0.028%
69	17.636	2471	2476	2483	rBV10	7510	18880	0.57%	0.042%
70	17.835	2505	2510	2515	rBV2	31451	46541	1.40%	0.104%
71	17.924	2522	2525	2528	rBV5	7579	9134	0.27%	0.020%

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72	18.006	2536	2539	2545	rVB8	11835	19089	0.57%	0.043%
73	18.147	2561	2563	2568	rVB6	6778	8438	0.25%	0.019%
74	18.235	2572	2578	2587	rBV	180568	313404	9.42%	0.698%
75	18.529	2623	2628	2634	rBV3	21568	39469	1.19%	0.088%
76	18.587	2634	2638	2647	rVV3	12854	32710	0.98%	0.073%
77	18.652	2647	2649	2652	rVB4	8191	7539	0.23%	0.017%
78	19.010	2708	2710	2715	rVB6	6508	9690	0.29%	0.022%
79	19.151	2729	2734	2740	rBV4	22610	44623	1.34%	0.099%
80	19.304	2757	2760	2763	rVB5	9595	11455	0.34%	0.026%
81	19.375	2768	2772	2775	rBV	29621	51298	1.54%	0.114%
82	19.504	2790	2794	2801	rBV4	71165	133005	4.00%	0.296%
83	19.627	2811	2815	2822	rVB2	23445	41488	1.25%	0.092%
84	19.739	2826	2834	2846	rBV	2145728	3327929	100.00%	7.414%
85	20.256	2918	2922	2926	rVB	41006	53615	1.61%	0.119%
86	20.626	2981	2985	2993	rVB5	41397	63288	1.90%	0.141%
87	20.744	3001	3005	3010	rVB3	44150	57905	1.74%	0.129%
88	21.243	3086	3090	3094	rBV	48961	64438	1.94%	0.144%
89	21.602	3144	3151	3165	rVB	1526523	2440000	73.32%	5.436%
90	21.778	3177	3181	3189	rVB2	62004	88856	2.67%	0.198%
91	22.371	3277	3282	3286	rBV2	60072	97581	2.93%	0.217%
92	23.047	3392	3397	3410	rVB2	71310	164242	4.94%	0.366%
93	23.235	3424	3429	3435	rBV3	52983	97336	2.92%	0.217%
94	23.828	3525	3530	3541	rVB	96309	215763	6.48%	0.481%
95	24.551	3643	3653	3667	rBV2	1176468	3245308	97.52%	7.230%
96	24.768	3679	3690	3711	rVB2	946040	2921149	87.78%	6.508%
97	25.849	3867	3874	3884	rVB2	116668	308800	9.28%	0.688%
98	27.160	4090	4097	4112	rVB3	111766	386726	11.62%	0.862%
99	28.758	4359	4369	4381	rVB4	79951	311159	9.35%	0.693%
100	30.679	4689	4696	4712	rVB5	65785	304680	9.16%	0.679%

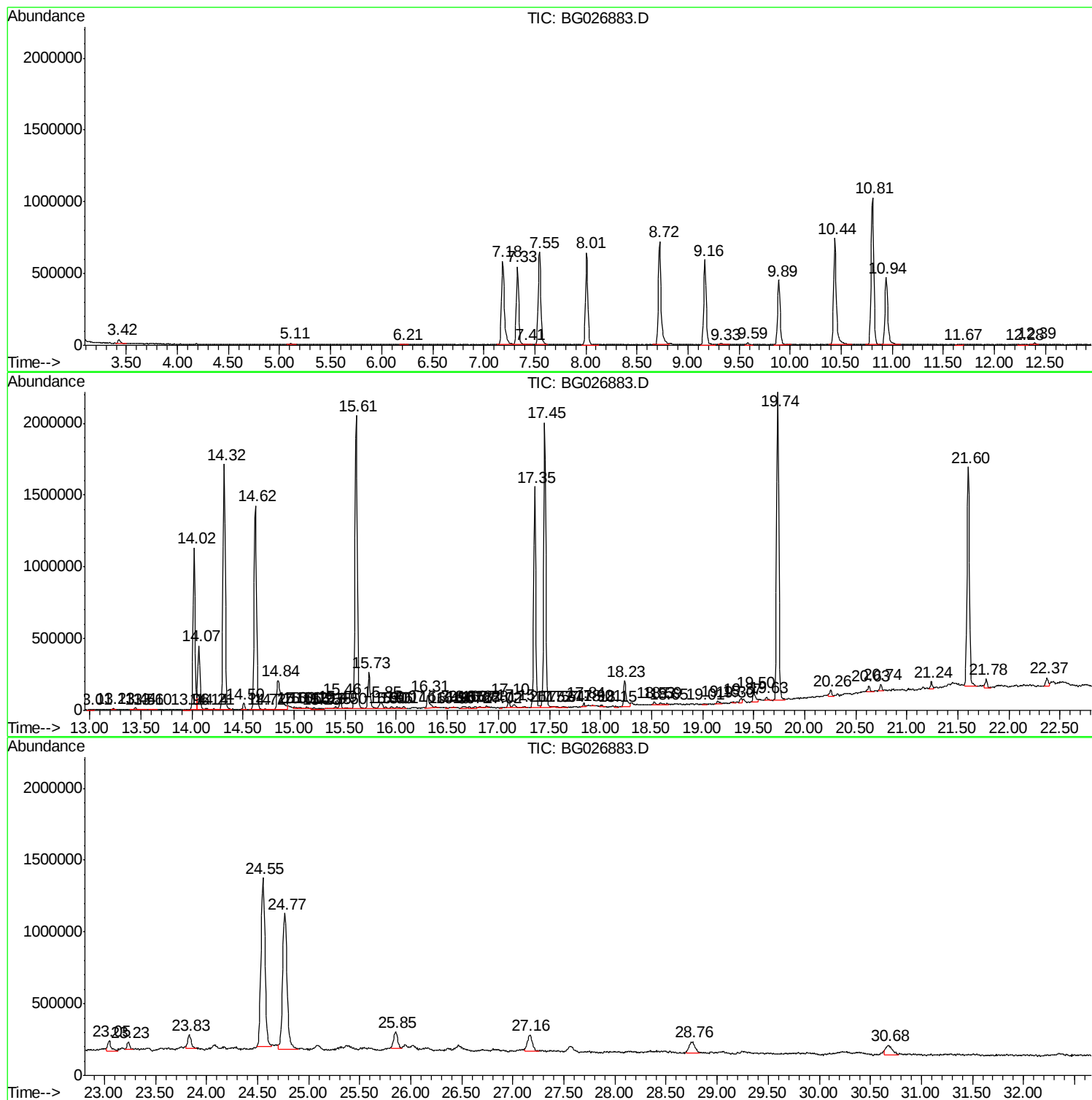
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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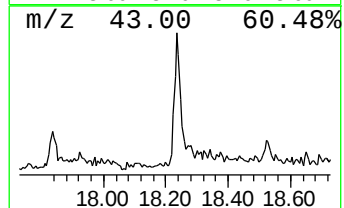
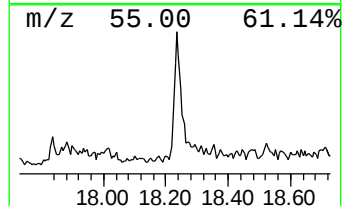
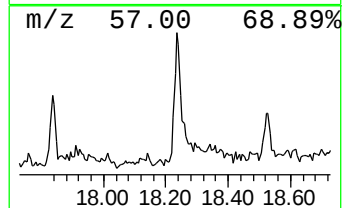
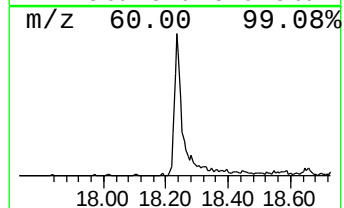
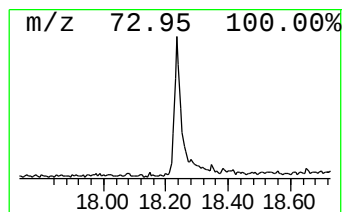
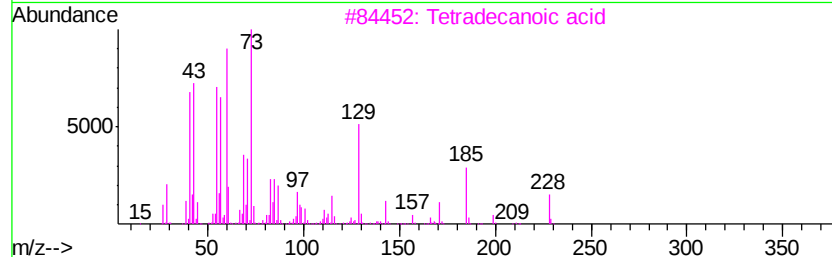
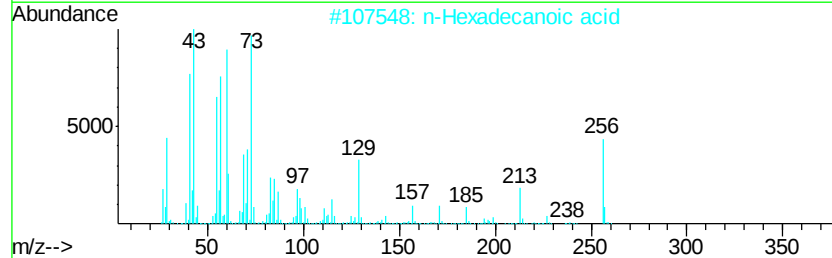
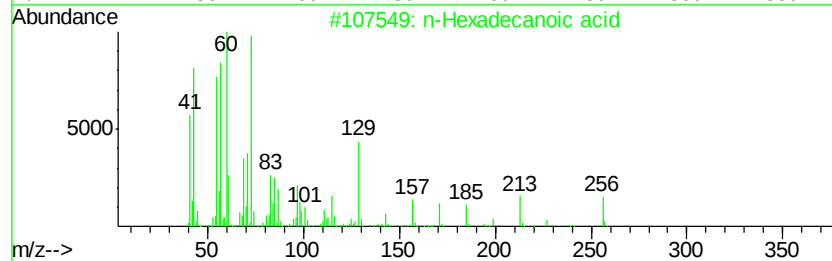
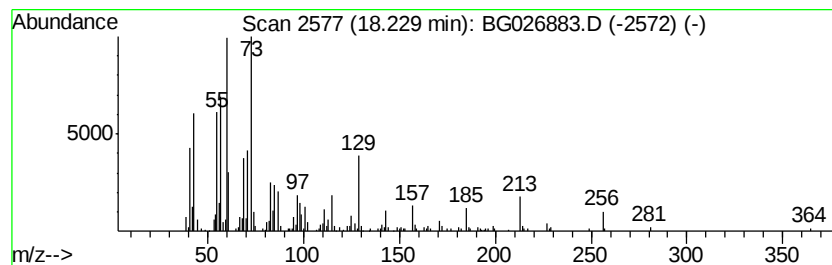
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.67 ng/ul	313404	Phenanthrene-d10	17.35

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	99
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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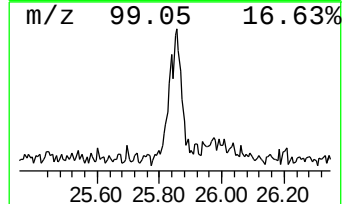
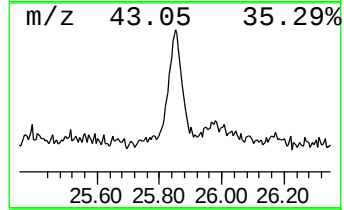
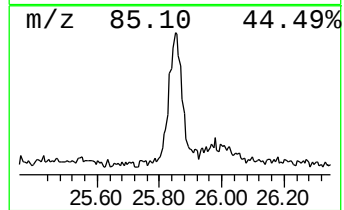
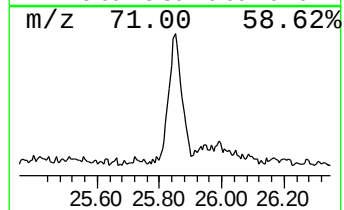
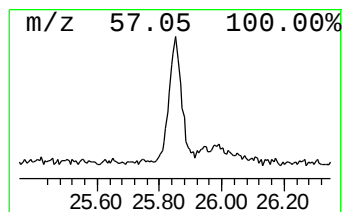
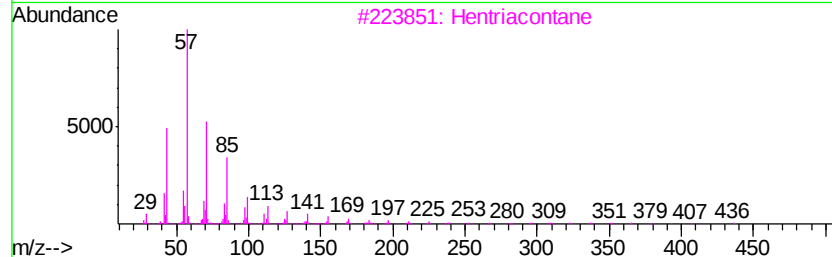
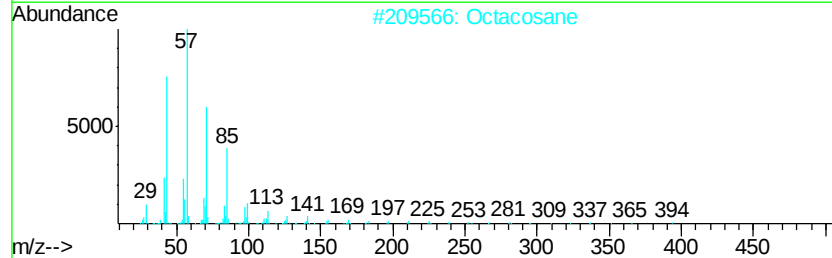
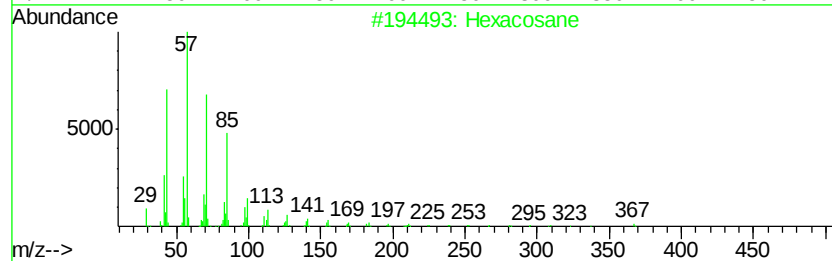
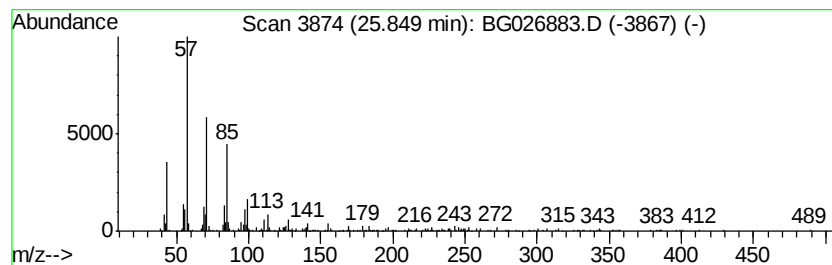
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.11 ng/ul	308800	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Hentriacontane	437	C31H64	000630-04-6	87
4			Heptadecane	240	C17H36	000629-78-7	86
5			Tetracosane	338	C24H50	000646-31-1	83



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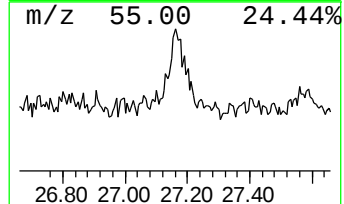
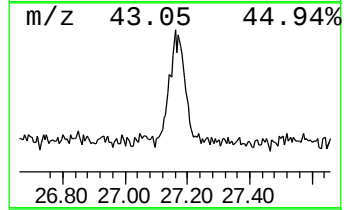
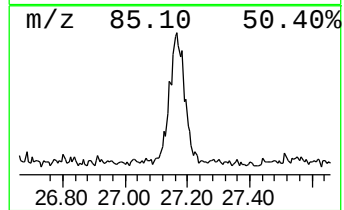
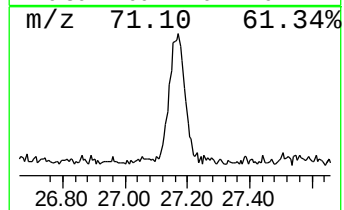
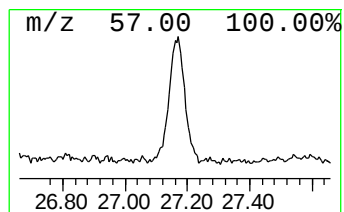
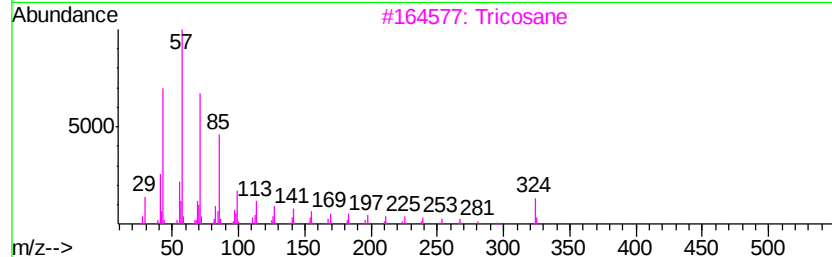
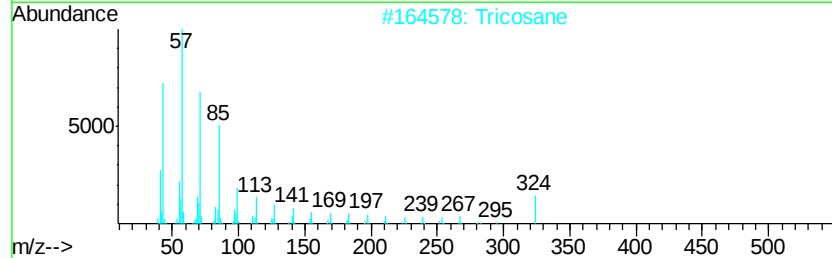
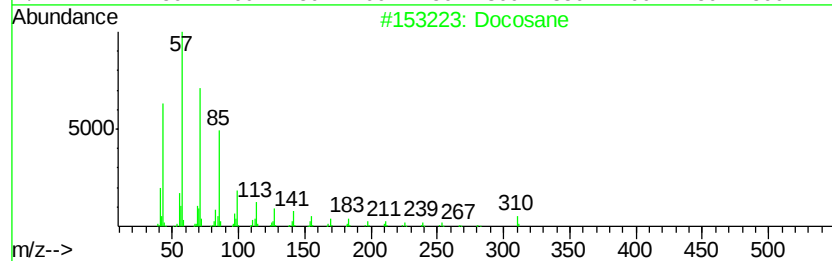
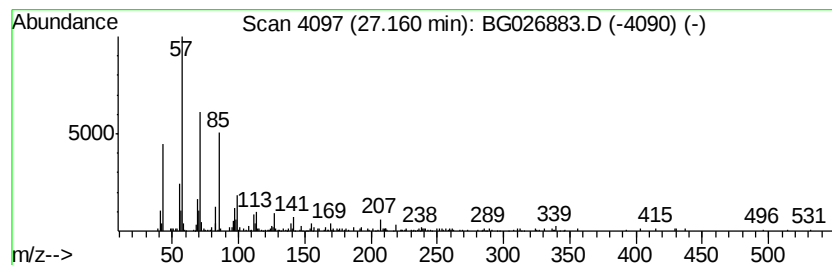
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.65 ng/ul	386726	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Tricosane	324	C23H48	000638-67-5	90
3		Tricosane	324	C23H48	000638-67-5	81
4		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	81
5		Docosane	310	C22H46	000629-97-0	81



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Data File : BG026883.D
Acq On : 6 May 2017 15:28
Operator : SJ/MA
Sample : I2884-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB36

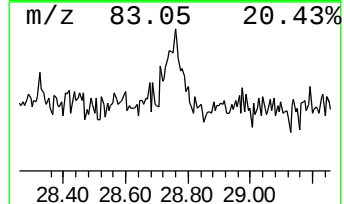
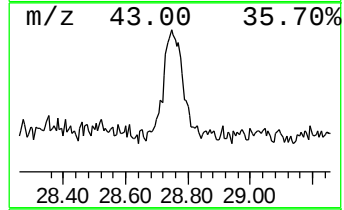
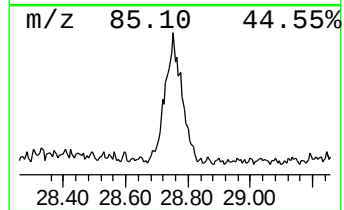
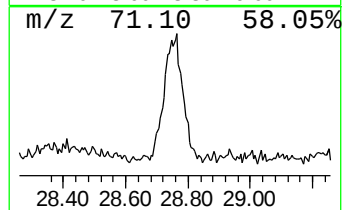
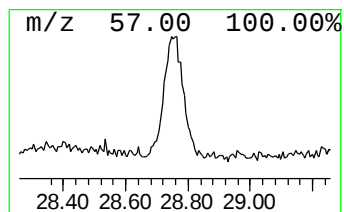
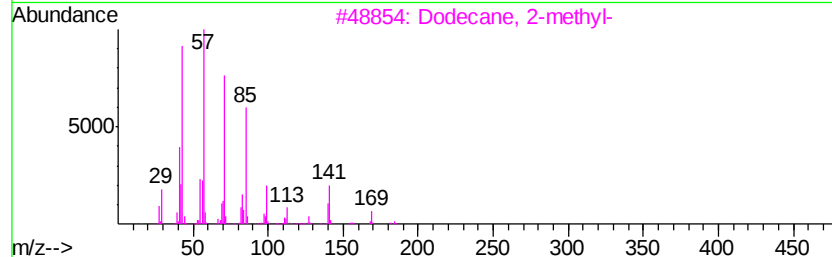
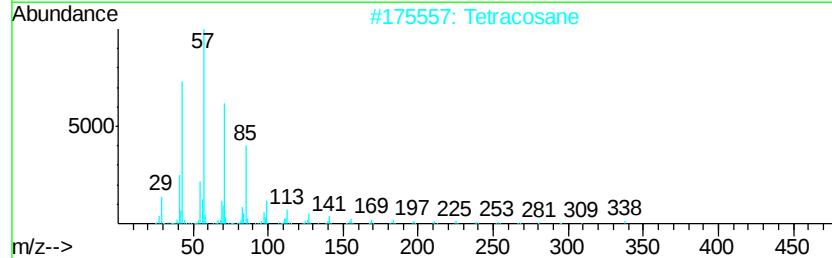
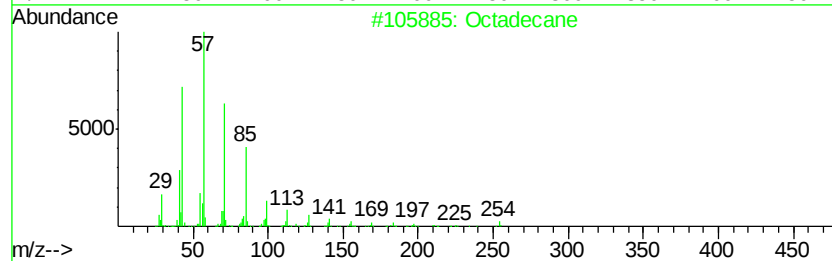
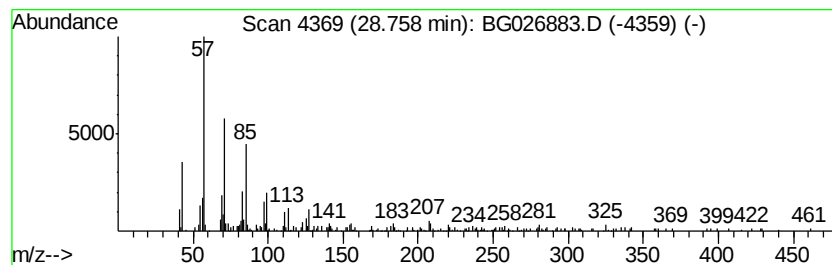
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.76	2.13 ng/ul	311159	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Tetracosane	338	C24H50	000646-31-1	89
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
4		triacontane	422	C30H62	000638-68-6	76
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB36

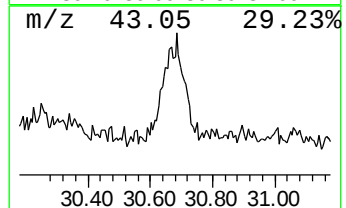
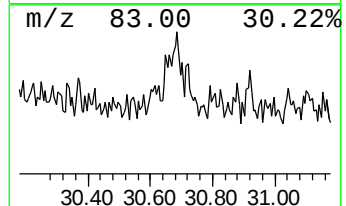
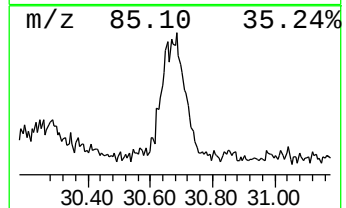
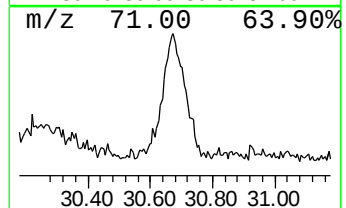
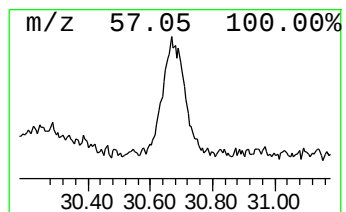
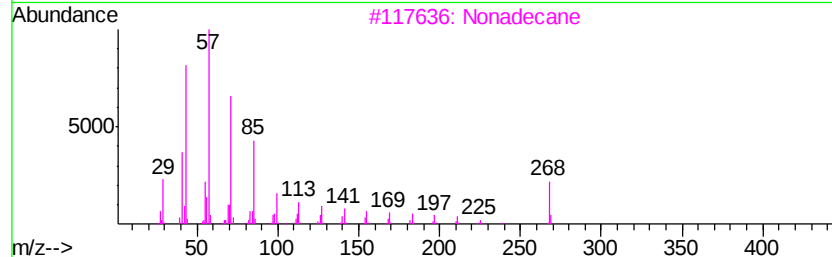
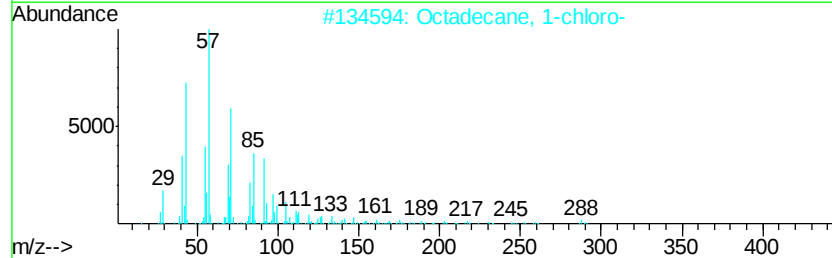
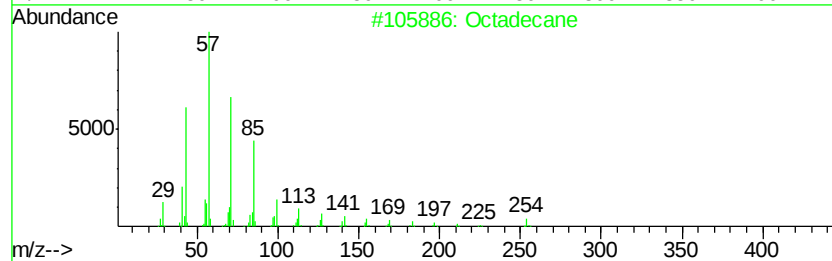
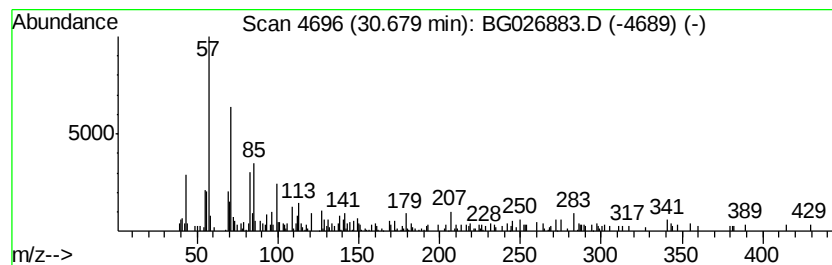
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.09 ng/ul	304680	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	78
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3		Nonadecane	268	C19H40	000629-92-5	53
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	52
5		Octadecane	254	C18H38	000593-45-3	49



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB36

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	2.7	ng/ul	313404	4	17.35	2345250	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	308800	6	24.77	2921150	20.0
(DEL) Alkane: Str...	27.16	2.6	ng/ul	386726	6	24.77	2921150	20.0
(DEL) Alkane: Str...	28.76	2.1	ng/ul	311159	6	24.77	2921150	20.0
(DEL) Alkane: Str...	30.68	2.1	ng/ul	304680	6	24.77	2921150	20.0