

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026858.D
 Acq On : 3 May 2017 19:23
 Operator : SJ/MA
 Sample : I2871-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB31

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	66	rBV	41468	66763	1.43%	0.113%
2	6.214	527	532	540	rBV5	7091	11177	0.24%	0.019%
3	7.089	671	681	686	rBV6	5768	14877	0.32%	0.025%
4	7.183	689	697	714	rBV	756141	1428819	30.63%	2.422%
5	7.330	714	722	733	rVV	670762	1104958	23.68%	1.873%
6	7.418	733	737	743	rVB6	4165	8444	0.18%	0.014%
7	7.542	749	758	776	rBV	790840	1411078	30.25%	2.392%
8	8.006	826	837	848	rBV	557028	953612	20.44%	1.616%
9	8.723	947	959	984	rBV	990935	1935390	41.49%	3.280%
10	9.163	1025	1034	1049	rBV	780561	1381121	29.60%	2.341%
11	9.322	1054	1061	1076	rVB6	16916	56402	1.21%	0.096%
12	9.586	1099	1106	1111	rVB	12541	20573	0.44%	0.035%
13	9.886	1145	1157	1171	rBV	657572	1171812	25.12%	1.986%
14	10.438	1240	1251	1274	rBV	965018	1915969	41.07%	3.247%
15	10.803	1300	1313	1326	rBV	927685	1683147	36.08%	2.853%
16	10.938	1326	1336	1364	rBV	1623921	3153085	67.59%	5.344%
17	11.725	1463	1470	1473	rBV5	5333	8678	0.19%	0.015%
18	11.766	1473	1477	1486	rVB7	5451	13364	0.29%	0.023%
19	12.301	1559	1568	1573	rVB7	3878	8822	0.19%	0.015%
20	12.389	1576	1583	1592	rBV2	18508	36617	0.78%	0.062%
21	12.606	1609	1620	1624	rBV7	3933	8990	0.19%	0.015%
22	13.235	1718	1727	1731	rBV4	6118	13011	0.28%	0.022%
23	13.441	1757	1762	1769	rVB8	6269	12193	0.26%	0.021%
24	13.523	1769	1776	1781	rBV4	5390	9663	0.21%	0.016%
25	13.828	1820	1828	1840	rBV	41746	74586	1.60%	0.126%
26	14.022	1854	1861	1865	rVV	1818836	2753561	59.02%	4.667%
27	14.063	1865	1868	1877	rVV	487164	698479	14.97%	1.184%
28	14.134	1877	1880	1889	rVV6	7871	13749	0.29%	0.023%
29	14.316	1901	1911	1923	rBV	2309585	3724019	79.82%	6.312%
30	14.504	1938	1943	1950	rVB	40289	56985	1.22%	0.097%
31	14.622	1950	1963	1976	rBV2	1369793	2279528	48.86%	3.864%
32	14.833	1992	1999	2016	rBV	423530	1072647	22.99%	1.818%
33	14.998	2025	2027	2034	rVB6	8938	11188	0.24%	0.019%
34	15.056	2034	2037	2043	rVB5	10148	16887	0.36%	0.029%

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35	15.127	2043	2049	2055	rVB6	15972	29357	0.63%	0.050%
36	15.192	2055	2060	2064	rVB5	11414	16213	0.35%	0.027%
37	15.350	2079	2087	2091	rVB7	6277	13434	0.29%	0.023%
38	15.403	2091	2096	2100	rBV	23664	34556	0.74%	0.059%
39	15.450	2100	2104	2110	rVV	94302	124913	2.68%	0.212%
40	15.509	2110	2114	2119	rVB7	9323	13596	0.29%	0.023%
41	15.609	2119	2131	2143	rBV	2823190	4327451	92.76%	7.335%
42	15.726	2144	2151	2164	rVV	658464	1035183	22.19%	1.755%
43	15.850	2164	2172	2178	rVV4	65510	140910	3.02%	0.239%
44	15.902	2178	2181	2185	rVV6	11368	16181	0.35%	0.027%
45	15.949	2185	2189	2194	rVB5	16177	26513	0.57%	0.045%
46	16.008	2194	2199	2205	rBV4	16364	28961	0.62%	0.049%
47	16.073	2205	2210	2217	rBV3	17256	27789	0.60%	0.047%
48	16.267	2236	2243	2245	rBV5	5726	11813	0.25%	0.020%
49	16.308	2245	2250	2259	rBV	115294	198017	4.24%	0.336%
50	16.478	2276	2279	2285	rVB7	6571	9054	0.19%	0.015%
51	16.566	2288	2294	2302	rVB7	6645	19456	0.42%	0.033%
52	16.649	2302	2308	2312	rBV5	16661	30468	0.65%	0.052%
53	16.713	2316	2319	2324	rVB5	11346	14806	0.32%	0.025%
54	16.766	2324	2328	2332	rVB5	16010	22556	0.48%	0.038%
55	16.813	2332	2336	2342	rBV5	11716	20863	0.45%	0.035%
56	16.878	2344	2347	2350	rBV5	8640	12322	0.26%	0.021%
57	17.101	2378	2385	2389	rVV	73563	100732	2.16%	0.171%
58	17.148	2389	2393	2405	rVV3	30635	66016	1.42%	0.112%
59	17.254	2405	2411	2417	rVB3	7857	12152	0.26%	0.021%
60	17.354	2421	2428	2437	rBV2	1543598	2362381	50.64%	4.004%
61	17.454	2437	2445	2462	rVV2	2812557	4326099	92.73%	7.332%
62	17.571	2462	2465	2469	rVV5	10013	14076	0.30%	0.024%
63	17.636	2469	2476	2482	rVB9	8654	24628	0.53%	0.042%
64	17.753	2490	2496	2500	rVV5	6551	10375	0.22%	0.018%
65	17.835	2504	2510	2515	rVB	37658	45356	0.97%	0.077%
66	18.112	2554	2557	2562	rBV7	4869	8683	0.19%	0.015%
67	18.235	2573	2578	2587	rBV2	247805	422154	9.05%	0.716%
68	18.523	2623	2627	2634	rBV7	11511	21739	0.47%	0.037%
69	18.593	2635	2639	2645	rVB8	7767	15416	0.33%	0.026%
70	19.304	2756	2760	2765	rVB8	9253	13313	0.29%	0.023%
71	19.375	2765	2772	2784	rBV2	42132	104315	2.24%	0.177%

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72	19.498	2789	2793	2805	rBV	101494	197830	4.24%	0.335%
73	19.622	2809	2814	2822	rVB	36221	60079	1.29%	0.102%
74	19.733	2826	2833	2847	rBV	3182594	4528137	97.06%	7.675%
75	19.910	2862	2863	2869	rVB6	6693	8795	0.19%	0.015%
76	20.139	2899	2902	2904	rBV4	8169	8733	0.19%	0.015%
77	20.250	2918	2921	2928	rVB9	9097	13052	0.28%	0.022%
78	20.327	2928	2934	2937	rBV7	10894	21335	0.46%	0.036%
79	20.632	2980	2986	2990	rBV9	11819	26714	0.57%	0.045%
80	20.738	3001	3004	3008	rVB6	16583	20524	0.44%	0.035%
81	20.867	3021	3026	3029	rBV6	8489	11445	0.25%	0.019%
82	21.243	3085	3090	3093	rBV4	23025	33017	0.71%	0.056%
83	21.437	3114	3123	3127	rBV4	23516	68743	1.47%	0.117%
84	21.602	3143	3151	3164	rVB	1447188	2456515	52.66%	4.164%
85	21.737	3172	3174	3178	rBV5	9638	15661	0.34%	0.027%
86	21.772	3178	3180	3187	rVB6	25206	33073	0.71%	0.056%
87	22.101	3231	3236	3243	rVB	65731	99280	2.13%	0.168%
88	22.371	3276	3282	3286	rBV3	58767	109291	2.34%	0.185%
89	22.424	3288	3291	3297	rVB7	20875	33885	0.73%	0.057%
90	23.041	3390	3396	3404	rVB2	78252	158863	3.41%	0.269%
91	23.229	3423	3428	3439	rVB	56444	103586	2.22%	0.176%
92	23.823	3522	3529	3539	rVB2	119434	245202	5.26%	0.416%
93	24.551	3641	3653	3667	rBV2	1638586	4665243	100.00%	7.907%
94	24.757	3677	3688	3704	rVB2	1030135	2931285	62.83%	4.968%
95	25.844	3863	3873	3883	rBV2	188616	526277	11.28%	0.892%
96	26.143	3912	3924	3936	rVB2	21129	98381	2.11%	0.167%
97	27.160	4086	4097	4112	rBV3	168910	599053	12.84%	1.015%
98	28.740	4353	4366	4384	rVB2	138873	558603	11.97%	0.947%
99	30.156	4601	4607	4609	rBV7	11320	21125	0.45%	0.036%
100	30.650	4679	4691	4709	rVB6	101319	494923	10.61%	0.839%

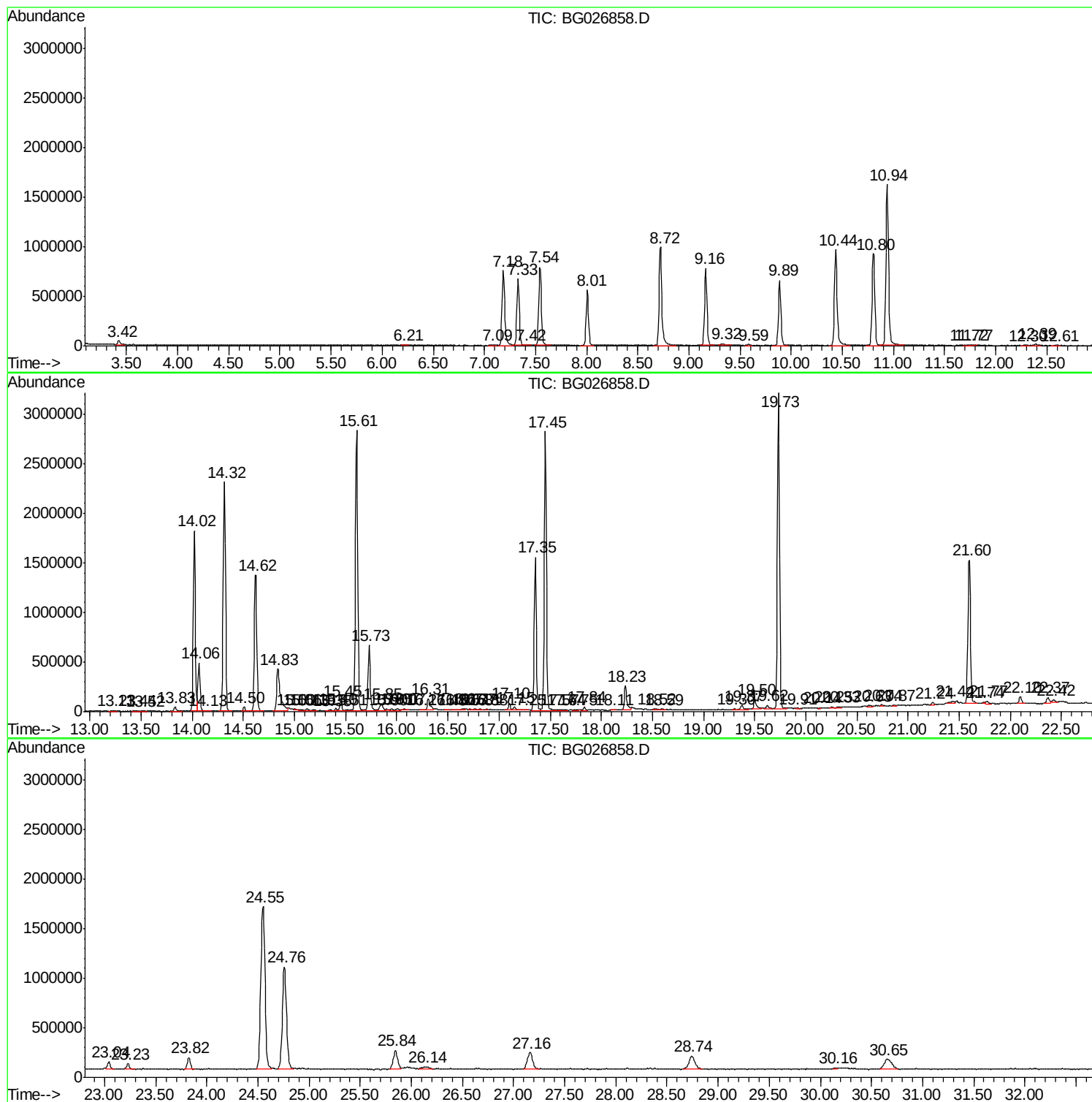
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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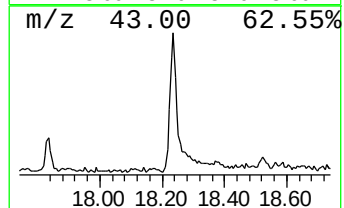
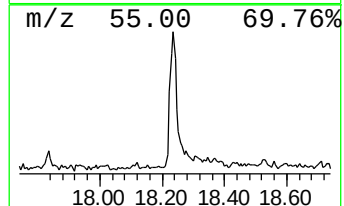
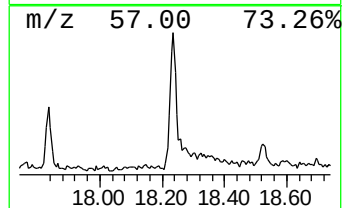
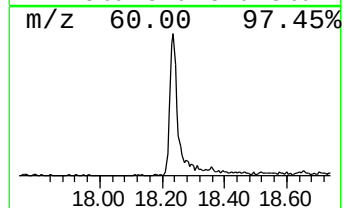
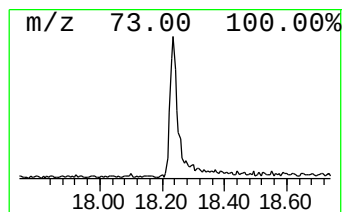
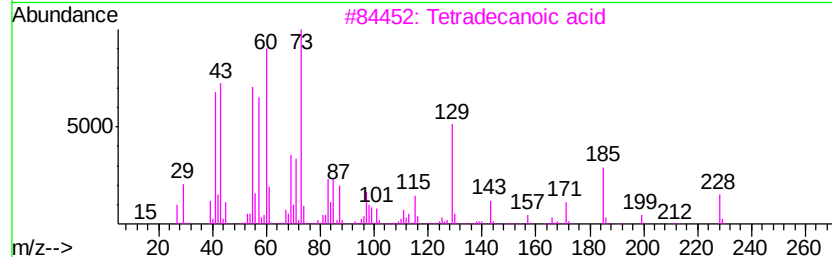
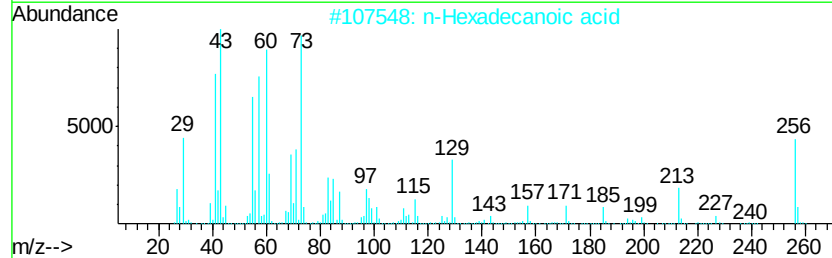
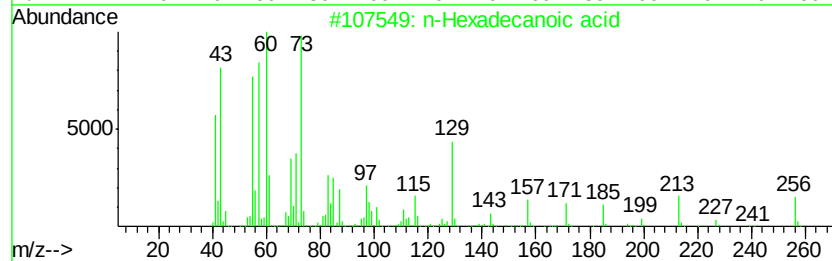
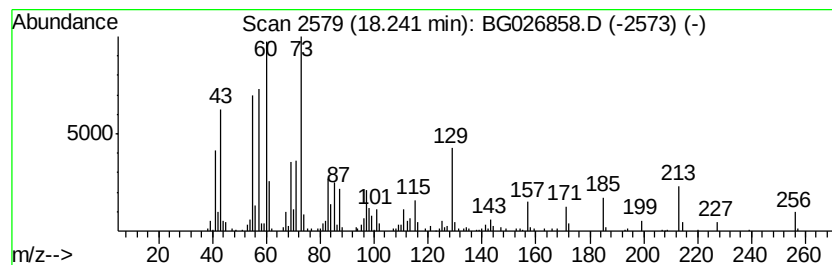
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	3.57 ng/ul	422154	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	93	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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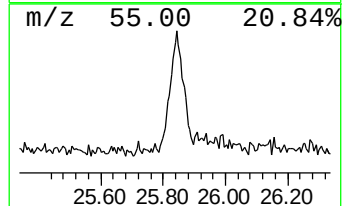
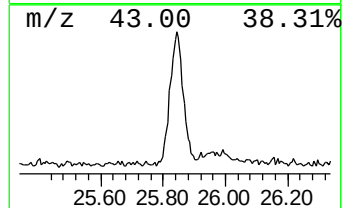
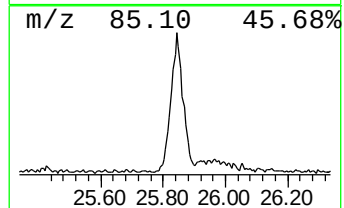
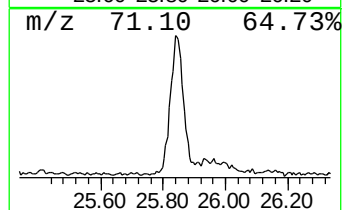
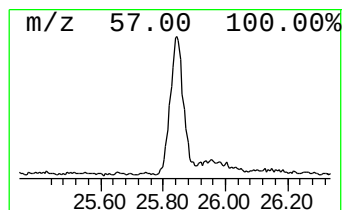
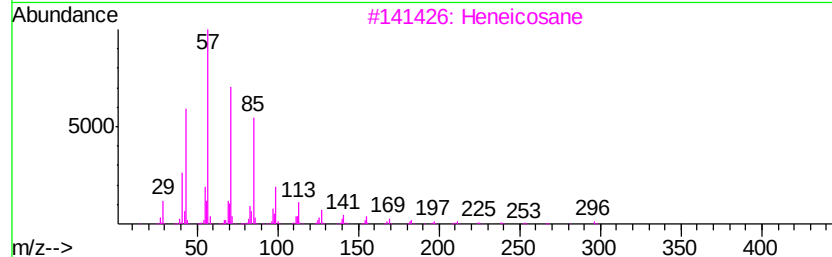
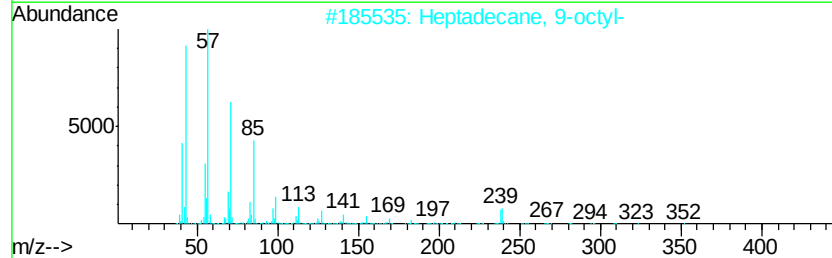
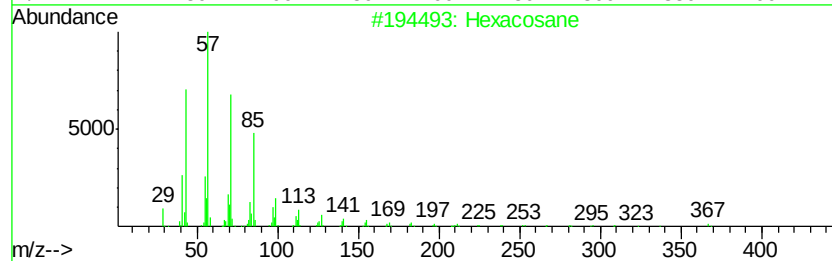
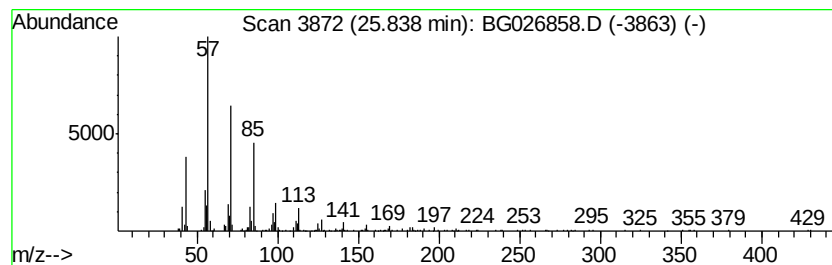
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
25.84	3.59 ng/ul	526277	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
5		Heneicosane	296	C21H44	000629-94-7	87



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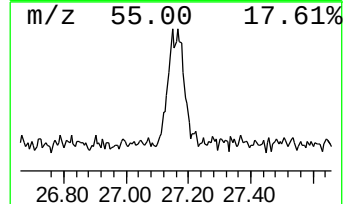
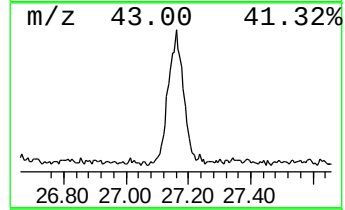
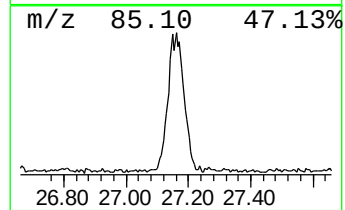
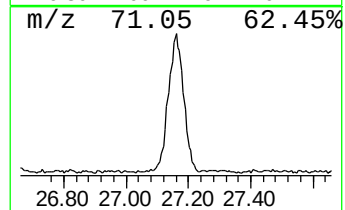
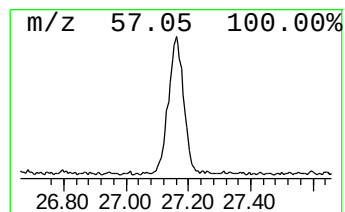
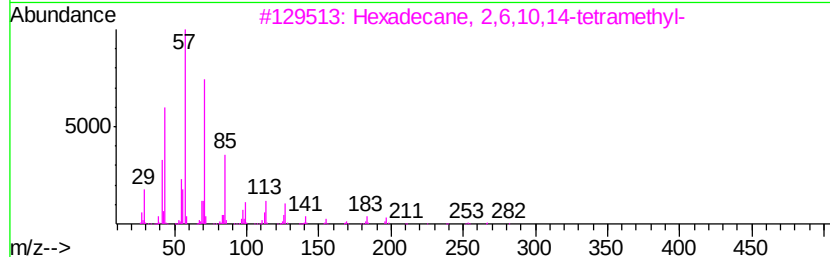
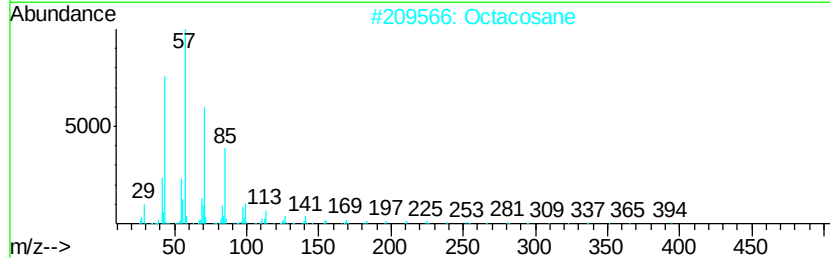
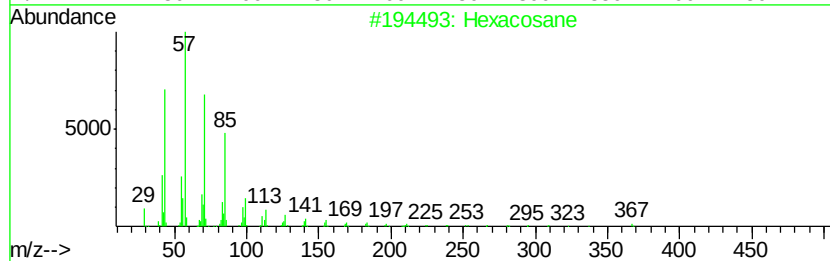
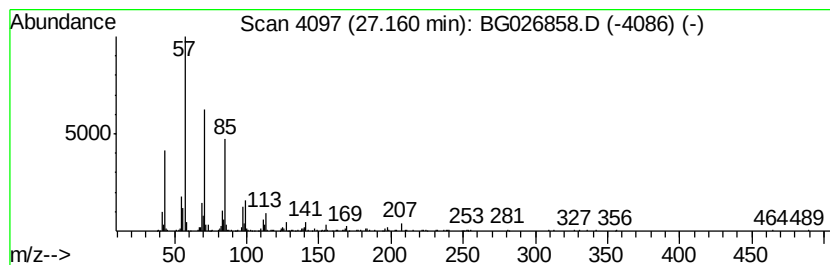
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	4.09 ng/ul	599053	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5		Hentriacontane	437	C31H64	000630-04-6	86



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Operator : SJ/MA
Sample : I2871-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB31

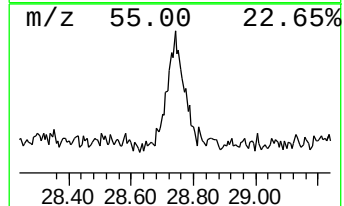
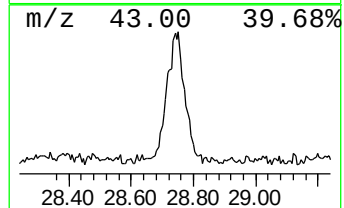
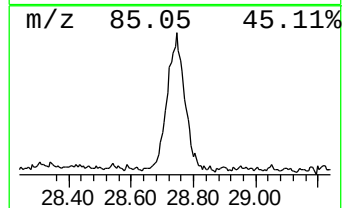
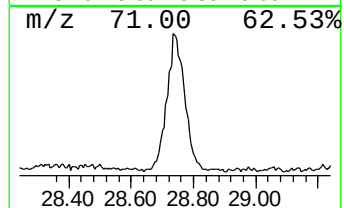
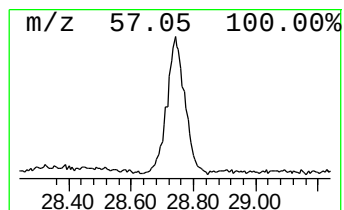
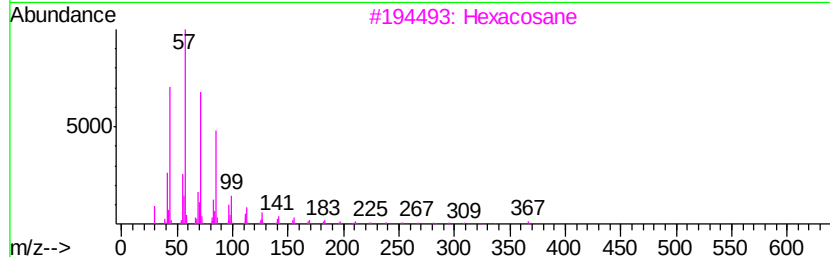
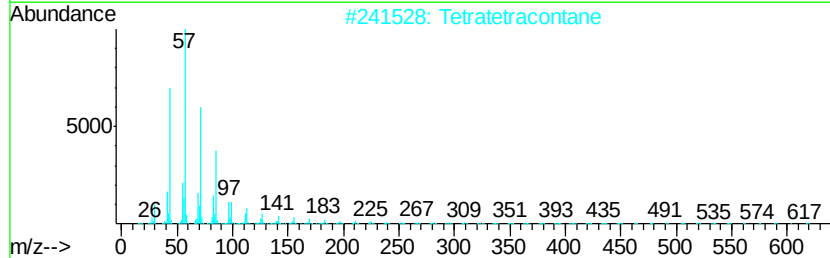
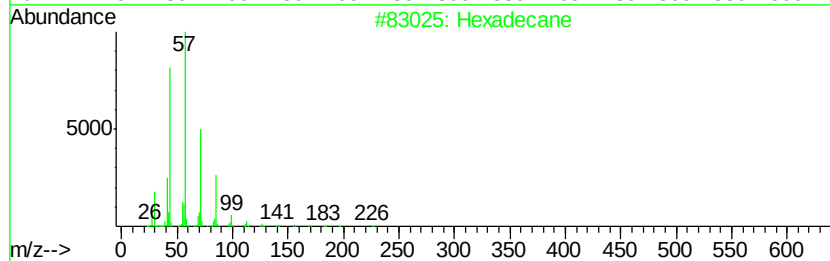
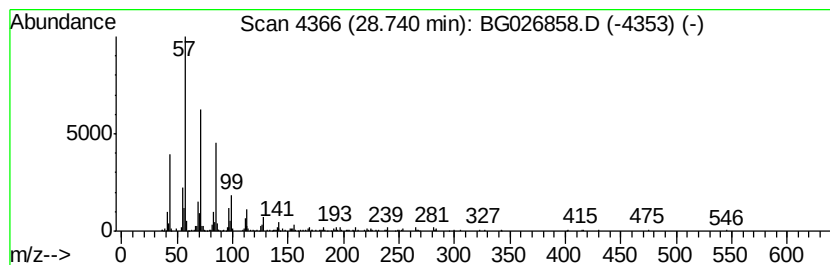
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	3.81 ng/ul	558603	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026858.D
Acq On : 3 May 2017 19:23
Operator : SJ/MA
Sample : I2871-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB31

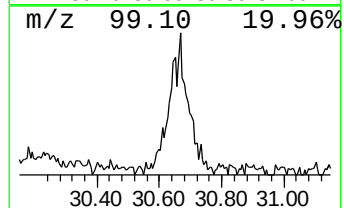
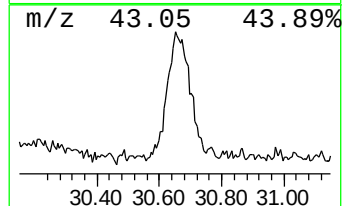
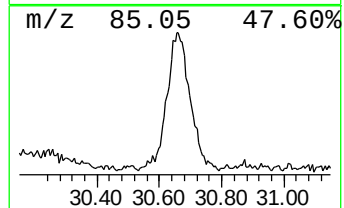
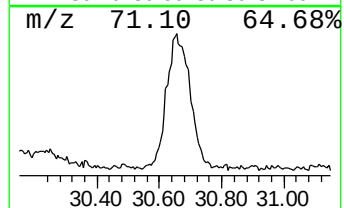
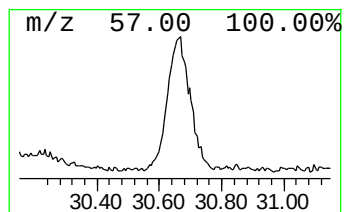
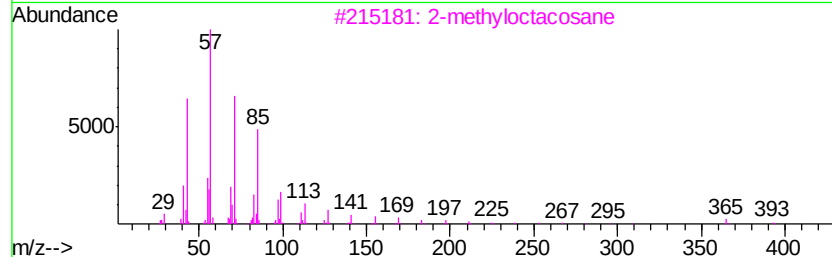
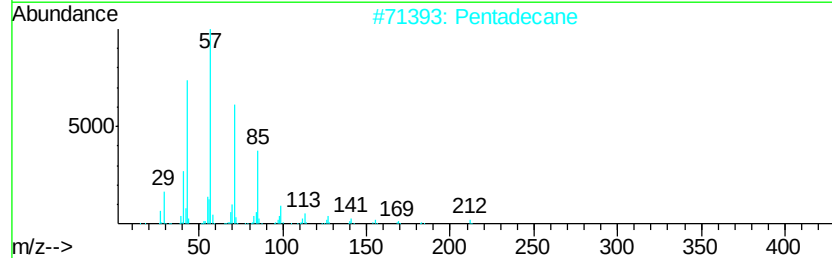
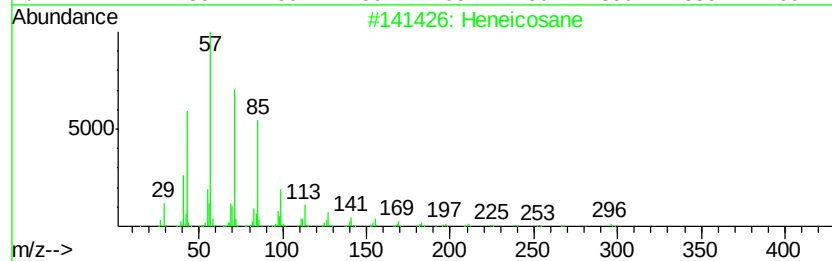
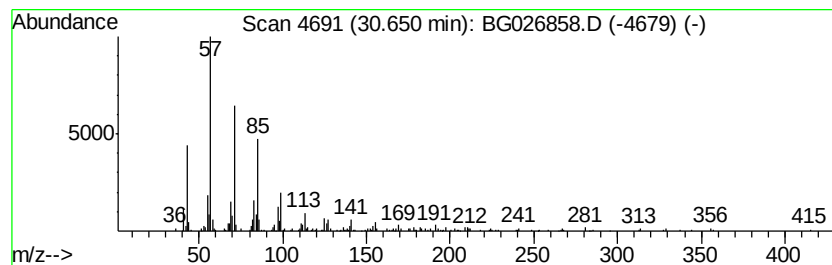
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
30.65	3.38 ng/ul	494923	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026858.D
Acq On : 3 May 2017 19:23
Operator : SJ/MA
Sample : I2871-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB31

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	18.24	3.6	ng/ul	422154	4	17.35	2362380	20.0
(DEL) Alkane: Str...	25.84	3.6	ng/ul	526277	6	24.76	2931290	20.0
(DEL) Alkane: Str...	27.16	4.1	ng/ul	599053	6	24.76	2931290	20.0
(DEL) Alkane: Str...	28.74	3.8	ng/ul	558603	6	24.76	2931290	20.0
(DEL) Alkane: Str...	30.65	3.4	ng/ul	494923	6	24.76	2931290	20.0