

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026856.D
 Acq On : 3 May 2017 18:04
 Operator : SJ/MA
 Sample : I2871-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB25

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	49	57	69	rBV	37242	67050	1.66%	0.138%
2	4.272	195	201	207	rVB4	2911	6411	0.16%	0.013%
3	4.454	226	232	237	rBV6	2582	6947	0.17%	0.014%
4	5.394	386	392	397	rBV6	2911	8593	0.21%	0.018%
5	6.216	527	532	535	rBV4	4918	6598	0.16%	0.014%
6	7.186	686	697	713	rBV	638157	1246470	30.84%	2.565%
7	7.327	715	721	735	rVV	598124	975655	24.14%	2.007%
8	7.421	735	737	742	rVB4	4291	5575	0.14%	0.011%
9	7.544	751	758	774	rBV	690036	1232247	30.49%	2.535%
10	8.008	829	837	856	rBV	504084	876597	21.69%	1.804%
11	8.719	949	958	979	rBV	861272	1647478	40.76%	3.390%
12	9.166	1026	1034	1053	rBV	679435	1216196	30.09%	2.502%
13	9.330	1053	1062	1073	rVV10	8161	26034	0.64%	0.054%
14	9.589	1097	1106	1111	rVB	10158	17613	0.44%	0.036%
15	9.889	1148	1157	1169	rBV	546465	1004619	24.85%	2.067%
16	10.435	1239	1250	1276	rBV	839753	1642103	40.63%	3.379%
17	10.805	1304	1313	1327	rBV	849819	1511997	37.41%	3.111%
18	10.940	1327	1336	1355	rBV	822553	1615832	39.98%	3.325%
19	12.292	1561	1566	1571	rBV6	3262	8455	0.21%	0.017%
20	12.386	1577	1582	1592	rVV2	16826	33083	0.82%	0.068%
21	12.603	1615	1619	1623	rVB5	3469	6088	0.15%	0.013%
22	13.220	1718	1724	1730	rVV5	3748	7196	0.18%	0.015%
23	13.437	1756	1761	1766	rBV6	6671	11636	0.29%	0.024%
24	13.602	1786	1789	1796	rVB5	4341	6076	0.15%	0.013%
25	13.831	1820	1828	1834	rBV6	7708	14501	0.36%	0.030%
26	14.019	1852	1860	1865	rBV	1638474	2355535	58.28%	4.847%
27	14.066	1865	1868	1876	rVV	355777	484866	12.00%	0.998%
28	14.131	1876	1879	1886	rVB5	4748	10086	0.25%	0.021%
29	14.213	1888	1893	1897	rVB5	3901	6053	0.15%	0.012%
30	14.313	1902	1910	1922	rBV	2031828	3221512	79.70%	6.628%
31	14.507	1937	1943	1948	rVB	35250	46436	1.15%	0.096%
32	14.618	1952	1962	1975	rVB2	1250317	2016214	49.88%	4.148%
33	14.836	1990	1999	2025	rBV	359200	983336	24.33%	2.023%
34	15.000	2025	2027	2032	rVB4	8449	10343	0.26%	0.021%

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35	15.059	2035	2037	2041	rVB5	9577	10465	0.26%	0.022%
36	15.124	2043	2048	2054	rVB6	13965	23769	0.59%	0.049%
37	15.188	2054	2059	2066	rVB7	8591	13973	0.35%	0.029%
38	15.241	2066	2068	2073	rVB5	3396	5979	0.15%	0.012%
39	15.300	2073	2078	2081	rBV7	3271	7038	0.17%	0.014%
40	15.400	2091	2095	2100	rBV2	13966	22214	0.55%	0.046%
41	15.453	2100	2104	2110	rVB	85551	104094	2.58%	0.214%
42	15.523	2110	2116	2118	rBV5	7291	13765	0.34%	0.028%
43	15.605	2122	2130	2140	rBV	2446412	3723902	92.13%	7.662%
44	15.729	2143	2151	2163	rBV	570319	880584	21.79%	1.812%
45	15.846	2163	2171	2177	rVV4	54331	114953	2.84%	0.237%
46	15.893	2177	2179	2185	rVB6	8963	11431	0.28%	0.024%
47	15.952	2185	2189	2194	rVB5	12730	17825	0.44%	0.037%
48	16.005	2194	2198	2205	rVB7	13241	21047	0.52%	0.043%
49	16.070	2205	2209	2216	rBV6	14901	22867	0.57%	0.047%
50	16.152	2218	2223	2225	rBV6	4848	7476	0.18%	0.015%
51	16.175	2226	2227	2234	rVB7	3918	6450	0.16%	0.013%
52	16.310	2242	2250	2261	rBV	96498	182933	4.53%	0.376%
53	16.481	2276	2279	2283	rBV5	4744	7523	0.19%	0.015%
54	16.563	2287	2293	2299	rVB9	6769	12426	0.31%	0.026%
55	16.651	2304	2308	2316	rBV8	11520	30239	0.75%	0.062%
56	16.716	2316	2319	2323	rVB6	9810	12087	0.30%	0.025%
57	16.769	2323	2328	2332	rVB6	10241	14878	0.37%	0.031%
58	16.810	2332	2335	2341	rBV4	8679	14105	0.35%	0.029%
59	16.886	2343	2348	2350	rBV4	7606	9487	0.23%	0.020%
60	16.916	2351	2353	2356	rVB4	5134	5866	0.15%	0.012%
61	17.098	2380	2384	2388	rBV	55844	69170	1.71%	0.142%
62	17.151	2388	2393	2404	rVB5	23959	48358	1.20%	0.099%
63	17.356	2419	2428	2437	rBV	1422697	2136750	52.86%	4.396%
64	17.456	2437	2445	2454	rVV	2433964	3752580	92.84%	7.721%
65	17.574	2462	2465	2469	rVB3	6183	6477	0.16%	0.013%
66	17.632	2469	2475	2482	rVB8	6009	14355	0.36%	0.030%
67	17.750	2490	2495	2502	rVB6	7136	15922	0.39%	0.033%
68	17.832	2504	2509	2513	rBV3	25171	30965	0.77%	0.064%
69	18.003	2536	2538	2544	rVB7	5421	8465	0.21%	0.017%
70	18.120	2554	2558	2563	rBV7	6641	12936	0.32%	0.027%
71	18.232	2571	2577	2586	rBV2	153086	271711	6.72%	0.559%

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72	18.526	2624	2627	2635	rBV7	6011	9228	0.23%	0.019%
73	19.301	2750	2759	2762	rBV7	6478	11077	0.27%	0.023%
74	19.372	2765	2771	2781	rBV2	34508	64753	1.60%	0.133%
75	19.501	2788	2793	2801	rBV6	38339	76757	1.90%	0.158%
76	19.624	2809	2814	2825	rVB	29780	51718	1.28%	0.106%
77	19.736	2825	2833	2843	rBV	2657454	3968532	98.18%	8.166%
78	19.994	2872	2877	2879	rBV5	4984	8438	0.21%	0.017%
79	20.124	2895	2899	2902	rBV5	5401	8738	0.22%	0.018%
80	20.159	2902	2905	2910	rBV7	5756	10434	0.26%	0.021%
81	20.318	2930	2932	2935	rBV3	8949	9742	0.24%	0.020%
82	20.400	2940	2946	2947	rBV6	6294	11355	0.28%	0.023%
83	20.617	2979	2983	2985	rBV5	13007	20288	0.50%	0.042%
84	20.741	3002	3004	3008	rVB4	8210	10332	0.26%	0.021%
85	20.858	3021	3024	3026	rBV4	7557	10289	0.25%	0.021%
86	21.152	3072	3074	3081	rVB8	10027	12344	0.31%	0.025%
87	21.434	3106	3122	3125	rBV8	32465	144761	3.58%	0.298%
88	21.598	3143	3150	3161	rBV	1375350	2182418	53.99%	4.490%
89	21.734	3170	3173	3177	rBV5	18241	28979	0.72%	0.060%
90	22.368	3277	3281	3284	rBV6	26755	37296	0.92%	0.077%
91	23.038	3388	3395	3409	rVB7	53130	147797	3.66%	0.304%
92	23.226	3422	3427	3433	rVB4	32121	65931	1.63%	0.136%
93	23.825	3522	3529	3537	rVB	60897	130239	3.22%	0.268%
94	24.548	3640	3652	3671	rBV2	1425764	4042067	100.00%	8.317%
95	24.759	3676	3688	3707	rVB2	852505	2479729	61.35%	5.102%
96	25.840	3864	3872	3883	rVB2	84885	245001	6.06%	0.504%
97	27.157	4086	4096	4108	rBV3	83995	298798	7.39%	0.615%
98	28.743	4355	4366	4380	rVB5	64930	273438	6.76%	0.563%
99	30.664	4682	4693	4706	rVB8	49150	222690	5.51%	0.458%
100	32.538	5010	5012	5016	rBV5	12404	17513	0.43%	0.036%

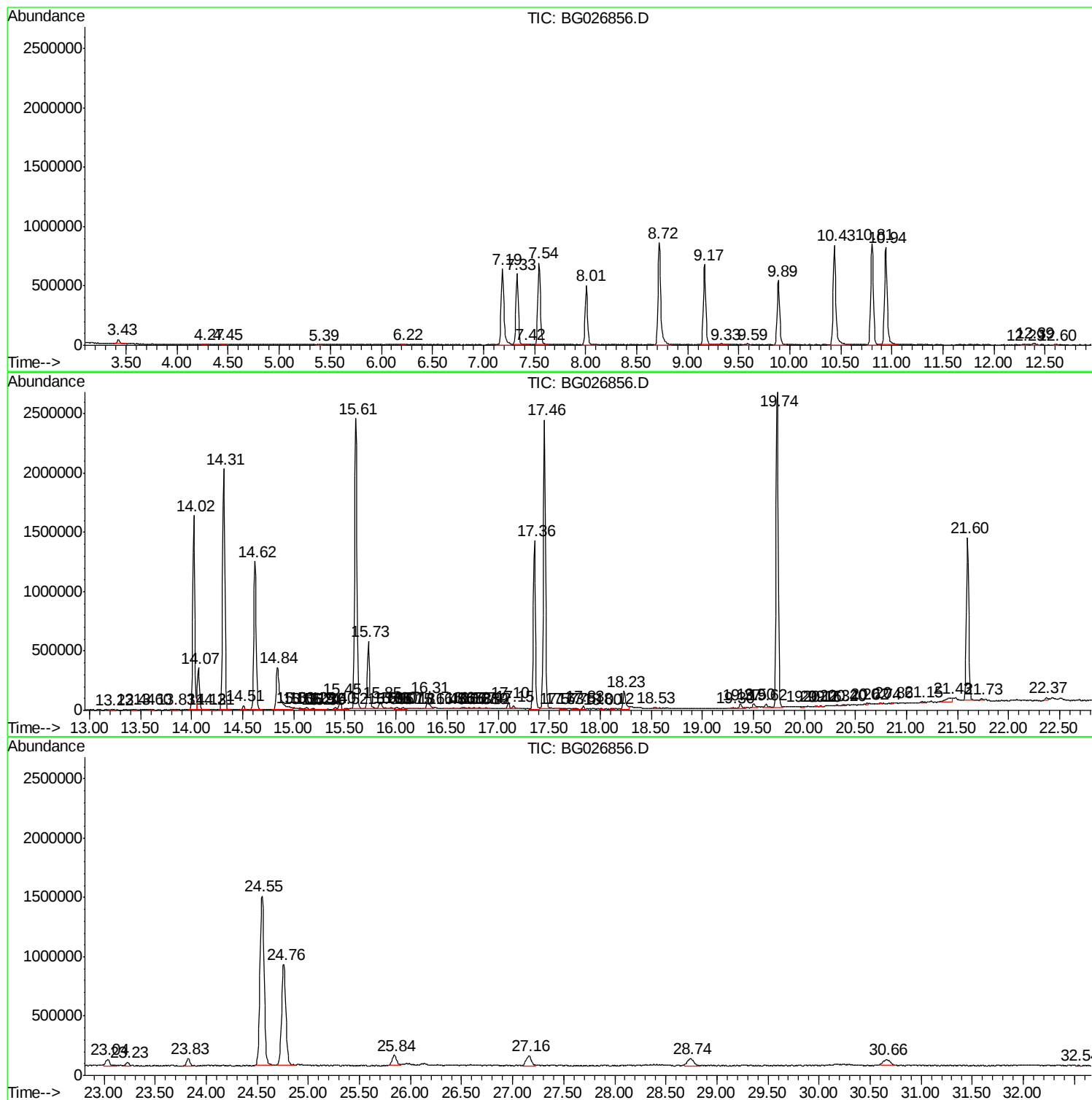
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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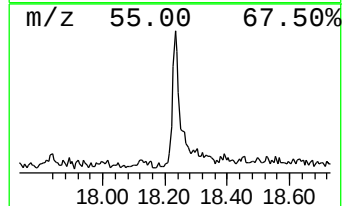
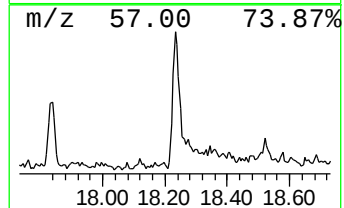
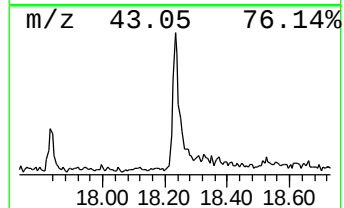
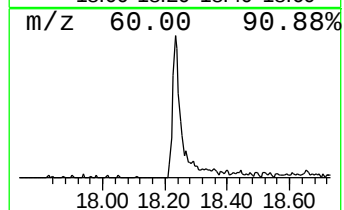
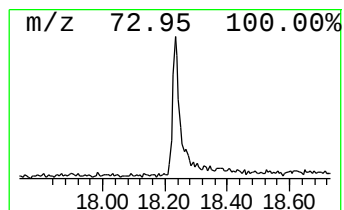
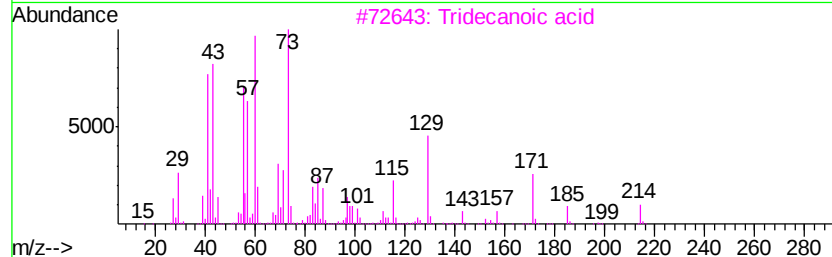
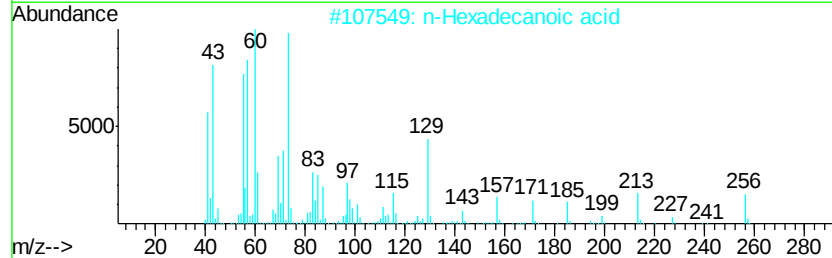
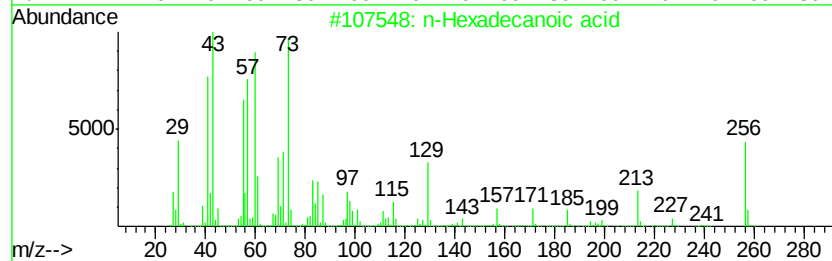
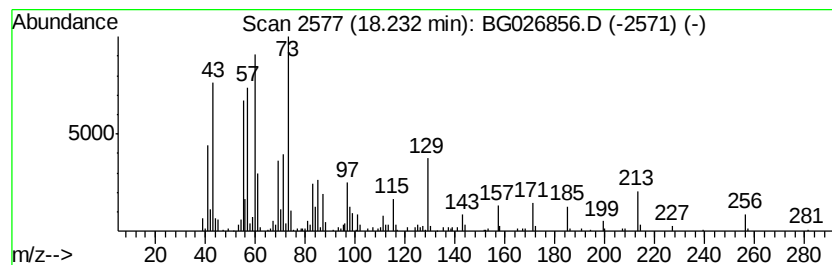
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	2.54 ng/ul	271711	Phenanthrene-d10	17.36		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	



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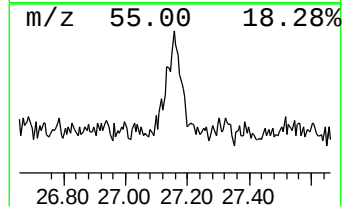
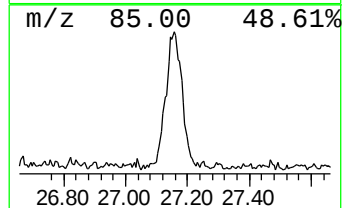
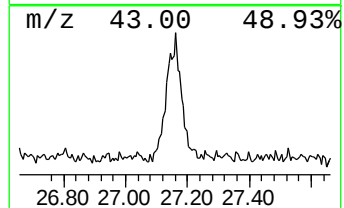
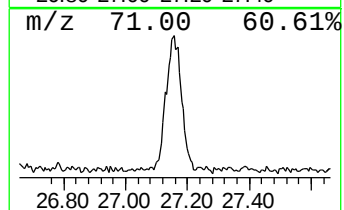
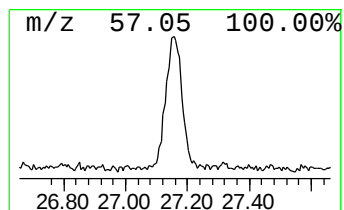
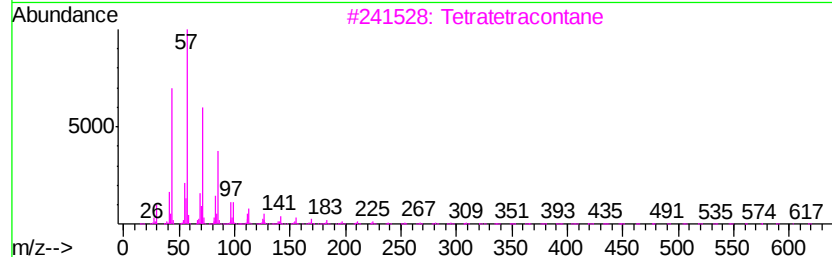
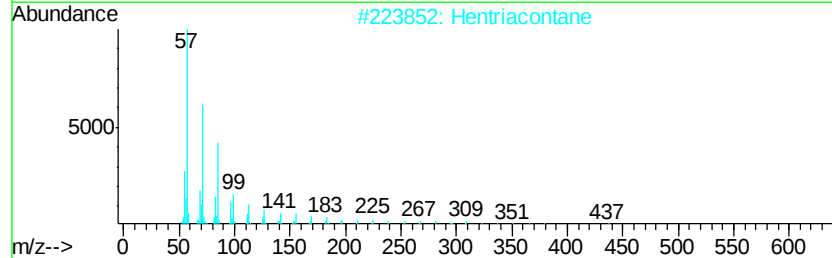
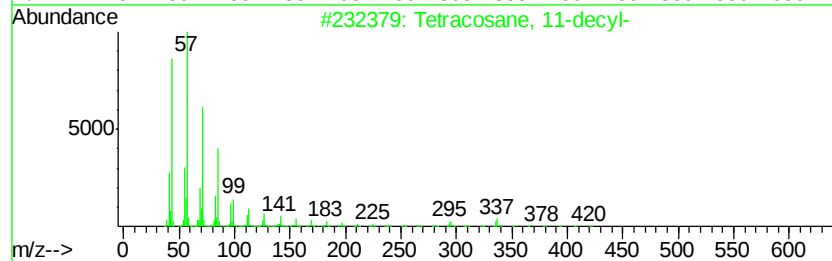
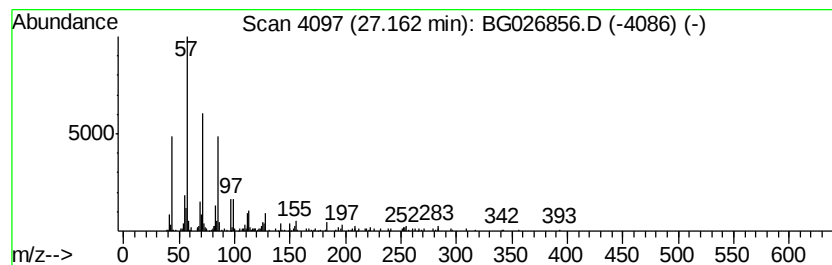
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.41 ng/ul	298798	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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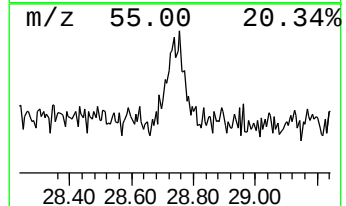
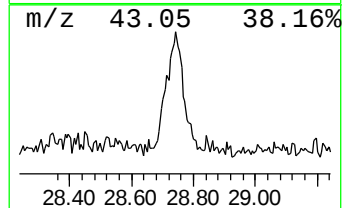
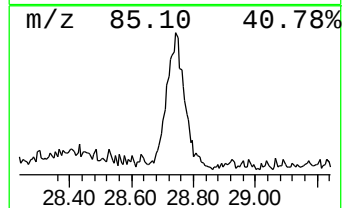
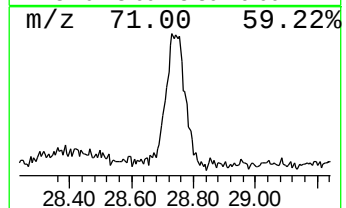
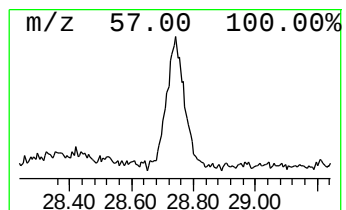
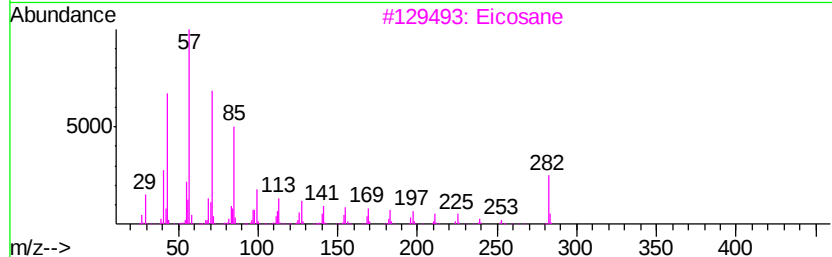
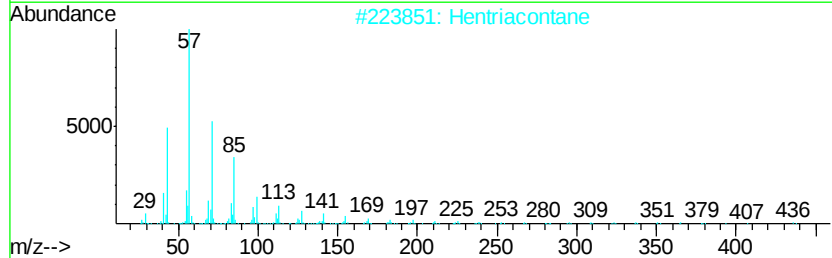
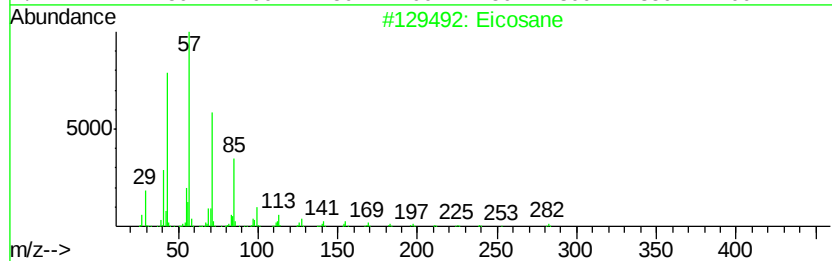
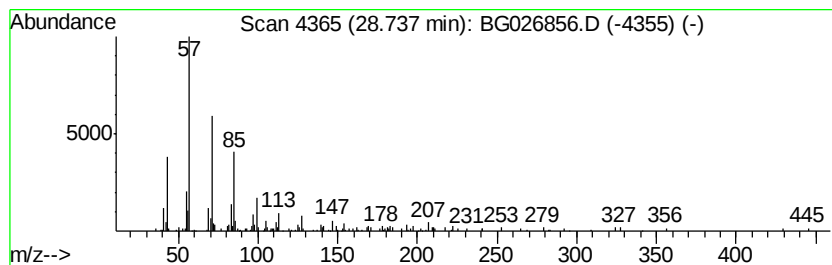
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.21 ng/ul	273438	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026856.D
Acq On : 3 May 2017 18:04
Operator : SJ/MA
Sample : I2871-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB25

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	271711	4	17.36	2136750	20.0
(DEL) Alkane: Str...	27.16	2.4	ng/ul	298798	6	24.76	2479730	20.0
(DEL) Alkane: Str...	28.74	2.2	ng/ul	273438	6	24.76	2479730	20.0