

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026859.D
 Acq On : 3 May 2017 20:02
 Operator : SJ/MA
 Sample : I2871-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB32

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	3.253	27	28	36	rVB6	5086	8376	0.19%	0.015%
2	3.423	52	57	66	rVB	40504	64115	1.42%	0.117%
3	6.220	523	533	541	rBV5	5206	17027	0.38%	0.031%
4	7.072	670	678	681	rBV6	4003	6320	0.14%	0.012%
5	7.184	689	697	715	rBV	745312	1401687	31.07%	2.562%
6	7.330	715	722	734	rVV	662273	1075939	23.85%	1.966%
7	7.419	734	737	743	rVB7	4800	8435	0.19%	0.015%
8	7.542	749	758	776	rBV	776755	1370489	30.38%	2.505%
9	8.006	823	837	849	rBV	538341	917923	20.35%	1.677%
10	8.723	946	959	982	rBV	972186	1894729	42.00%	3.463%
11	9.164	1026	1034	1052	rBV	757590	1351358	29.95%	2.470%
12	9.322	1054	1061	1077	rBV4	17309	54283	1.20%	0.099%
13	9.587	1100	1106	1112	rVB2	10584	15443	0.34%	0.028%
14	9.886	1147	1157	1169	rBV	646637	1147245	25.43%	2.097%
15	10.439	1237	1251	1279	rBV	950949	1914205	42.43%	3.498%
16	10.803	1300	1313	1327	rBV	890663	1621278	35.94%	2.963%
17	10.938	1327	1336	1365	rVV	954005	1861573	41.26%	3.402%
18	11.743	1465	1473	1475	rBV6	4228	10117	0.22%	0.018%
19	12.389	1576	1583	1592	rVB2	17002	33089	0.73%	0.060%
20	13.229	1719	1726	1730	rBV4	5651	9561	0.21%	0.017%
21	13.441	1756	1762	1768	rVB6	7684	13327	0.30%	0.024%
22	13.594	1783	1788	1795	rVB4	4896	12088	0.27%	0.022%
23	14.023	1854	1861	1865	rBV	1830081	2683416	59.48%	4.904%
24	14.064	1865	1868	1877	rVV	456912	649518	14.40%	1.187%
25	14.134	1877	1880	1888	rVB5	7179	13041	0.29%	0.024%
26	14.205	1888	1892	1897	rBV5	5532	7589	0.17%	0.014%
27	14.311	1897	1910	1924	rBV	2232975	3639691	80.68%	6.651%
28	14.504	1935	1943	1948	rBV2	42973	59046	1.31%	0.108%
29	14.622	1953	1963	1976	rVB2	1355235	2221212	49.23%	4.059%
30	14.839	1992	2000	2016	rBV	420291	1050823	23.29%	1.920%
31	14.998	2026	2027	2032	rVB3	8209	8736	0.19%	0.016%
32	15.063	2032	2038	2043	rVB8	12909	21989	0.49%	0.040%
33	15.121	2043	2048	2056	rVB5	16158	30462	0.68%	0.056%
34	15.192	2056	2060	2063	rVB4	10689	13503	0.30%	0.025%

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35	15.345	2080	2086	2091	rVB8	6215	13148	0.29%	0.024%
36	15.403	2091	2096	2100	rBV3	19620	33786	0.75%	0.062%
37	15.450	2100	2104	2110	rVB	96363	123305	2.73%	0.225%
38	15.515	2110	2115	2119	rBV6	9362	17098	0.38%	0.031%
39	15.609	2119	2131	2141	rVV	2751974	4201919	93.14%	7.679%
40	15.727	2143	2151	2163	rBV	656808	1019013	22.59%	1.862%
41	15.850	2165	2172	2177	rVB3	56674	113659	2.52%	0.208%
42	15.897	2178	2180	2184	rVB4	8520	10490	0.23%	0.019%
43	15.956	2185	2190	2195	rVB4	14834	23082	0.51%	0.042%
44	16.003	2195	2198	2204	rBV3	15384	25502	0.57%	0.047%
45	16.073	2204	2210	2213	rBV3	17190	25223	0.56%	0.046%
46	16.155	2220	2224	2228	rBV7	4401	7286	0.16%	0.013%
47	16.308	2246	2250	2261	rBV	111469	204753	4.54%	0.374%
48	16.426	2268	2270	2277	rVB8	5567	8355	0.19%	0.015%
49	16.490	2277	2281	2286	rVB7	5675	10031	0.22%	0.018%
50	16.561	2289	2293	2299	rVB9	7315	10373	0.23%	0.019%
51	16.649	2304	2308	2316	rBV6	18403	43585	0.97%	0.080%
52	16.714	2316	2319	2323	rVV4	12751	16073	0.36%	0.029%
53	16.766	2323	2328	2332	rVV8	12463	22283	0.49%	0.041%
54	16.813	2332	2336	2343	rVV5	13240	20134	0.45%	0.037%
55	16.878	2343	2347	2351	rVV5	8920	14234	0.32%	0.026%
56	16.913	2351	2353	2357	rVB4	5940	8207	0.18%	0.015%
57	17.101	2380	2385	2389	rBV	71279	92855	2.06%	0.170%
58	17.154	2389	2394	2398	rVB5	26844	42603	0.94%	0.078%
59	17.260	2405	2412	2415	rBV9	7819	13567	0.30%	0.025%
60	17.354	2420	2428	2436	rBV2	1534419	2276891	50.47%	4.161%
61	17.454	2438	2445	2462	rVV2	2726505	4183306	92.73%	7.645%
62	17.577	2462	2466	2468	rVB5	7783	10382	0.23%	0.019%
63	17.636	2471	2476	2487	rVB5	7377	19277	0.43%	0.035%
64	17.754	2491	2496	2502	rVB5	8948	14716	0.33%	0.027%
65	17.836	2504	2510	2517	rBV	36322	45446	1.01%	0.083%
66	17.936	2523	2527	2532	rVB2	9210	14022	0.31%	0.026%
67	18.000	2535	2538	2545	rVB9	6998	10703	0.24%	0.020%
68	18.112	2552	2557	2562	rBV8	5339	12714	0.28%	0.023%
69	18.235	2572	2578	2588	rBV2	262529	446677	9.90%	0.816%
70	18.435	2610	2612	2615	rVB3	5711	6765	0.15%	0.012%
71	18.517	2624	2626	2634	rVB8	10682	13355	0.30%	0.024%

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72	18.588	2635	2638	2648	rVB8	7376	17140	0.38%	0.031%
73	18.982	2701	2705	2711	rVB8	2867	6535	0.14%	0.012%
74	19.152	2731	2734	2738	rBV6	4145	6501	0.14%	0.012%
75	19.305	2757	2760	2763	rVB5	4139	6736	0.15%	0.012%
76	19.375	2765	2772	2777	rBV2	37404	64979	1.44%	0.119%
77	19.499	2785	2793	2804	rBV2	105148	204889	4.54%	0.374%
78	19.622	2810	2814	2822	rVB	32398	54150	1.20%	0.099%
79	19.734	2826	2833	2847	rBV	2967683	4375254	96.98%	7.996%
80	20.251	2919	2921	2925	rVB5	7746	10432	0.23%	0.019%
81	20.550	2969	2972	2976	rBV6	8150	12112	0.27%	0.022%
82	20.633	2981	2986	2990	rVB8	7853	13242	0.29%	0.024%
83	20.674	2991	2993	3000	rVB8	7921	15615	0.35%	0.029%
84	20.732	3000	3003	3008	rBV7	15659	27418	0.61%	0.050%
85	21.161	3073	3076	3081	rVB7	9917	15702	0.35%	0.029%
86	21.238	3086	3089	3096	rVB8	13651	18378	0.41%	0.034%
87	21.432	3109	3122	3142	rBV8	38826	247173	5.48%	0.452%
88	21.596	3143	3150	3162	rVB	1440691	2362214	52.36%	4.317%
89	21.737	3170	3174	3177	rBV6	18780	25360	0.56%	0.046%
90	22.366	3275	3281	3284	rBV2	50372	89936	1.99%	0.164%
91	22.413	3287	3289	3298	rVB10	23360	37173	0.82%	0.068%
92	23.041	3390	3396	3402	rVB3	55989	115989	2.57%	0.212%
93	23.224	3421	3427	3441	rBV	64173	148345	3.29%	0.271%
94	23.823	3523	3529	3539	rBV3	74053	163819	3.63%	0.299%
95	24.546	3640	3652	3674	rBV2	1609856	4511486	100.00%	8.245%
96	24.757	3677	3688	3702	rBV2	928625	2658329	58.92%	4.858%
97	25.844	3865	3873	3881	rBV2	105476	295572	6.55%	0.540%
98	27.148	4086	4095	4107	rBV4	93350	301432	6.68%	0.551%
99	28.729	4355	4364	4382	rVB6	66823	275472	6.11%	0.503%
100	30.662	4681	4693	4706	rVB6	53312	256972	5.70%	0.470%

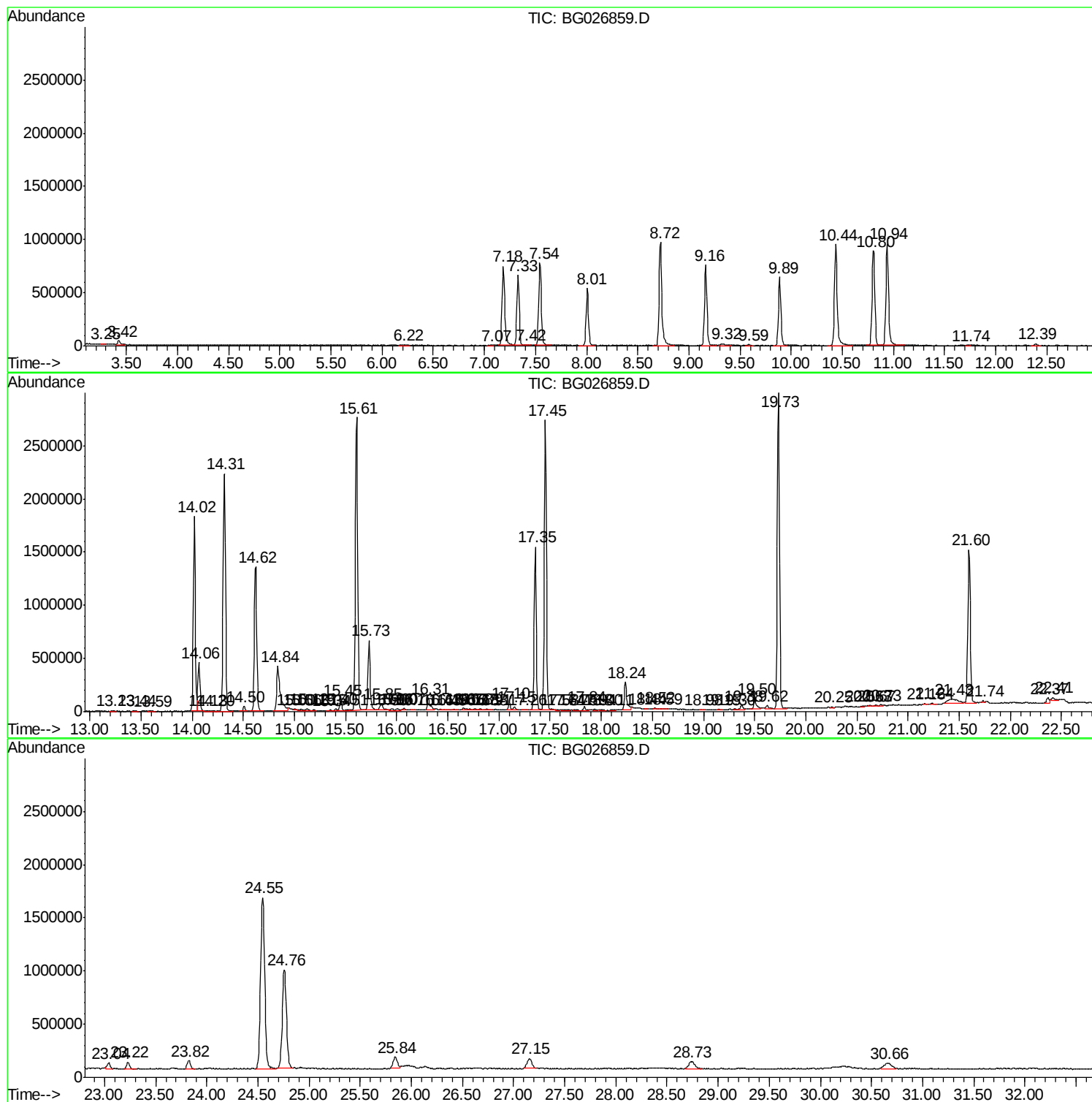
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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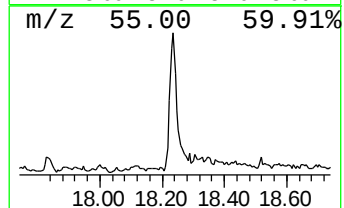
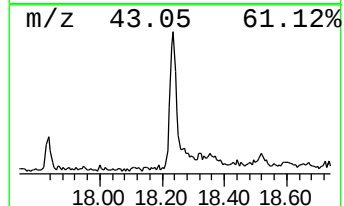
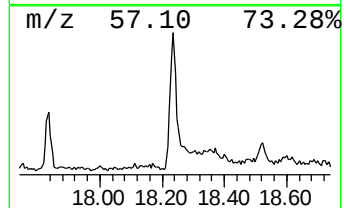
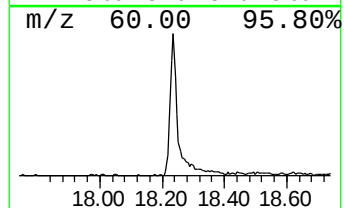
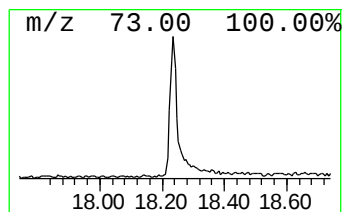
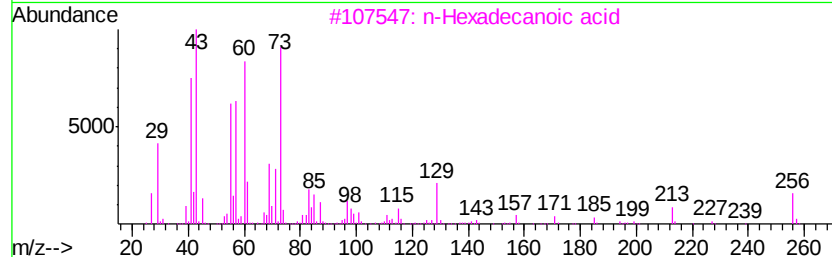
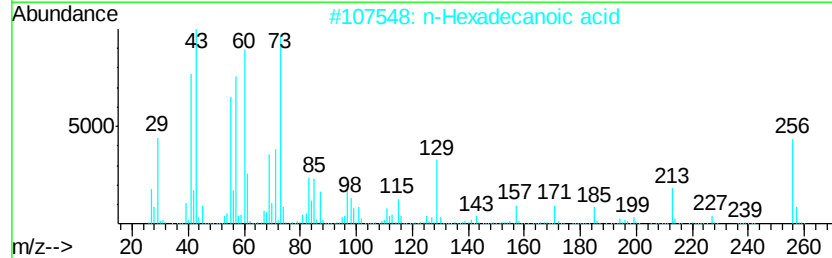
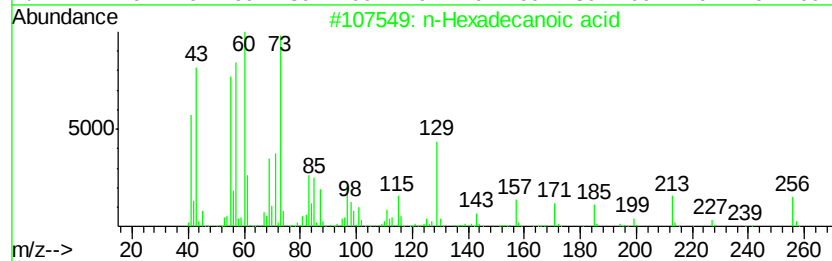
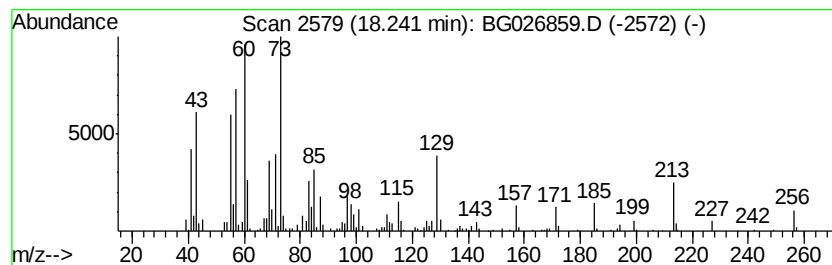
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	3.92 ng/ul	446677	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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90	



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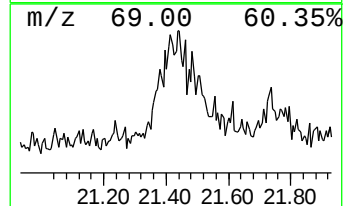
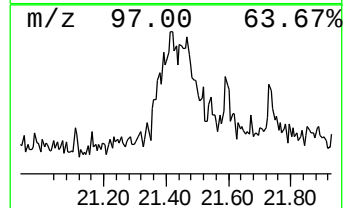
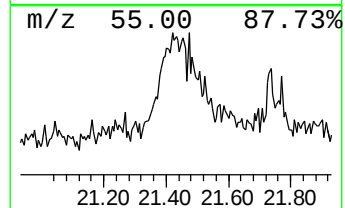
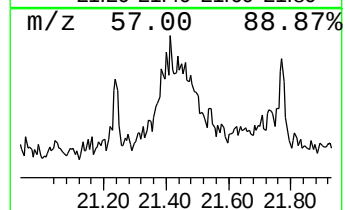
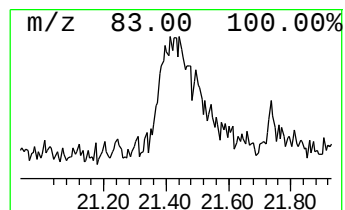
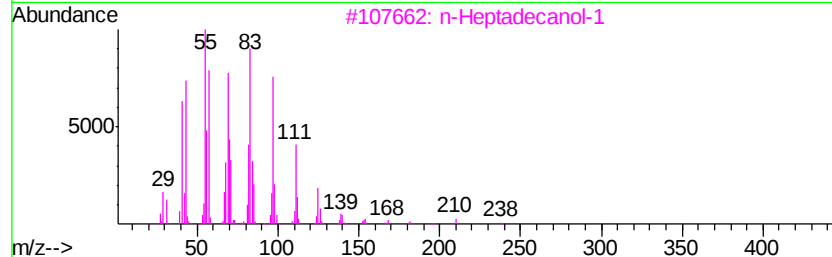
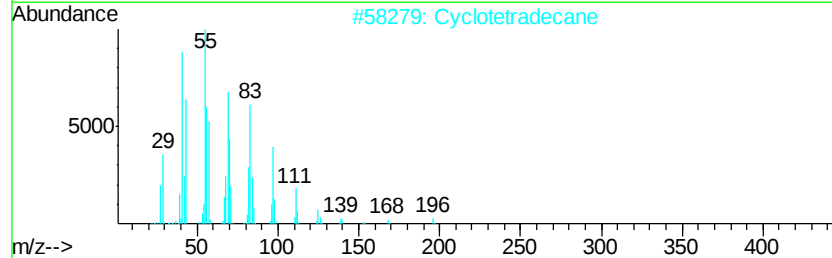
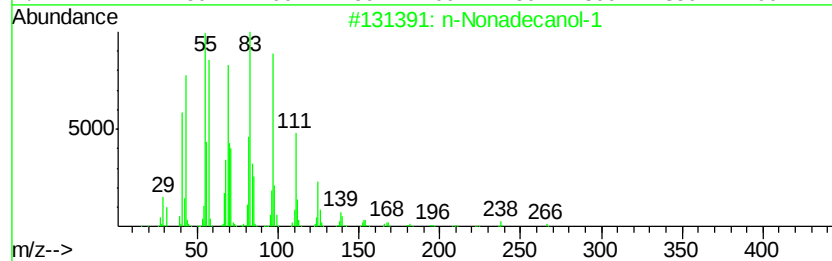
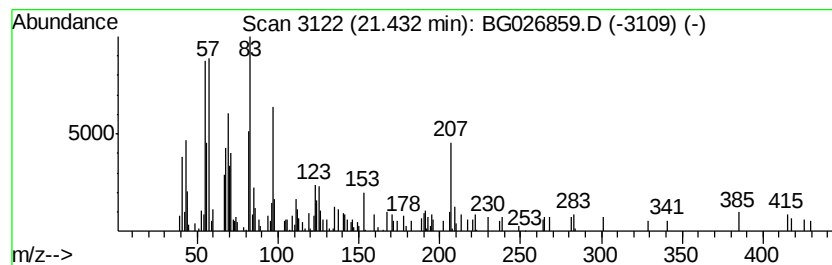
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.09 ng/ul	247173	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	49
2		Cyclotetradecane	196	C14H28	000295-17-0	49
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	46
4		Behenic alcohol	326	C22H46O	000661-19-8	46
5		1-Octadecanol	270	C18H38O	000112-92-5	46



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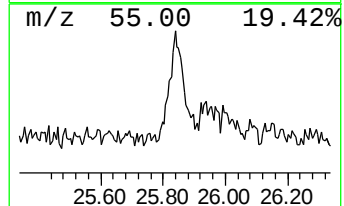
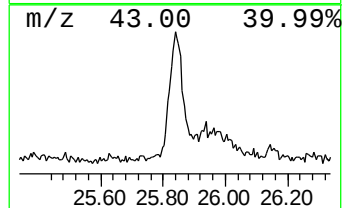
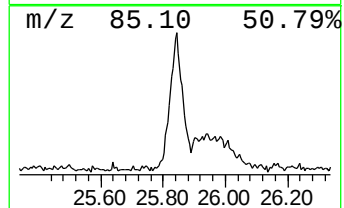
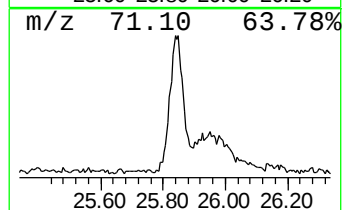
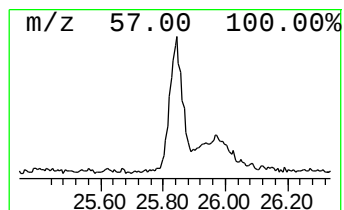
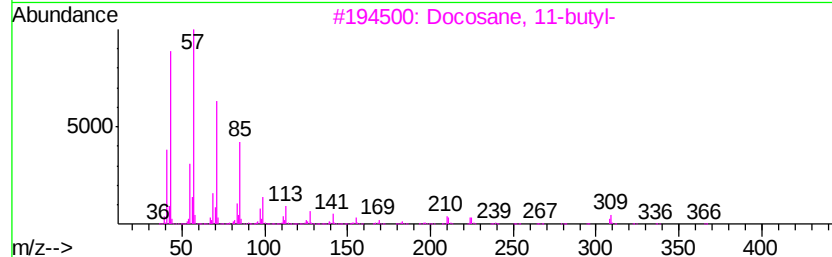
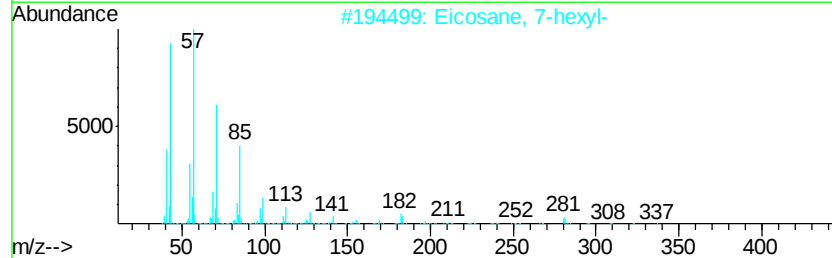
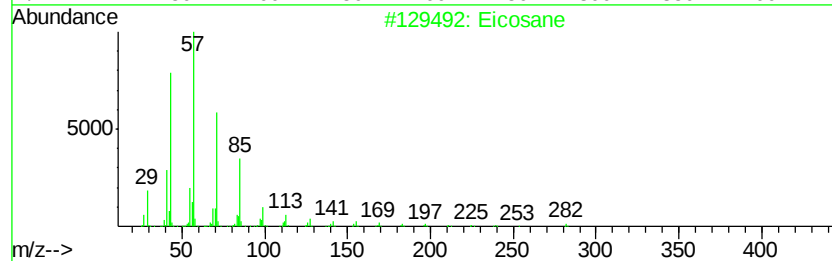
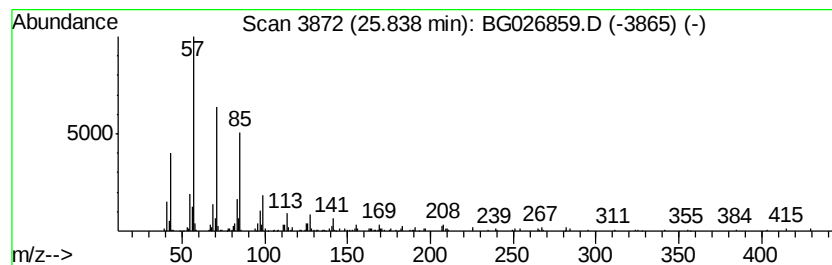
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.22 ng/ul	295572	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Eicosane, 7-hexyl-			366	C26H54	055333-99-8	87
3	Docosane, 11-butyl-			366	C26H54	013475-76-8	87
4	Docosane			310	C22H46	000629-97-0	87
5	Docosane			310	C22H46	000629-97-0	87



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Operator : SJ/MA
Sample : I2871-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB32

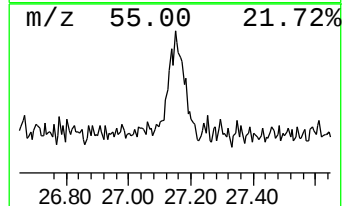
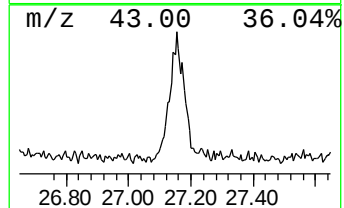
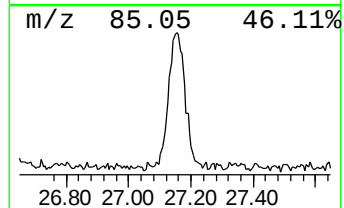
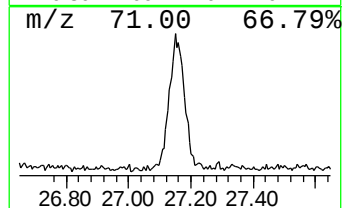
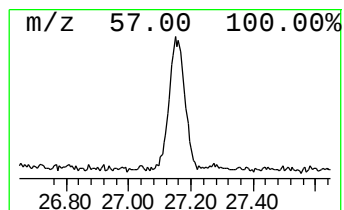
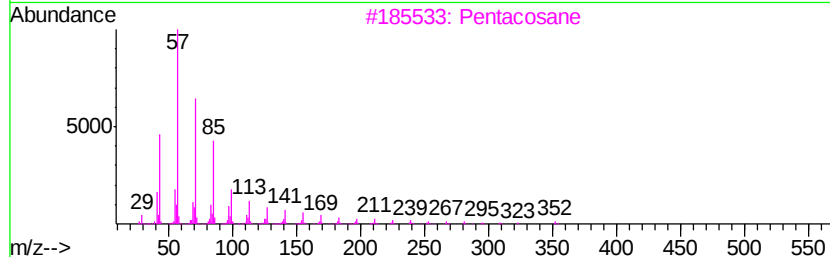
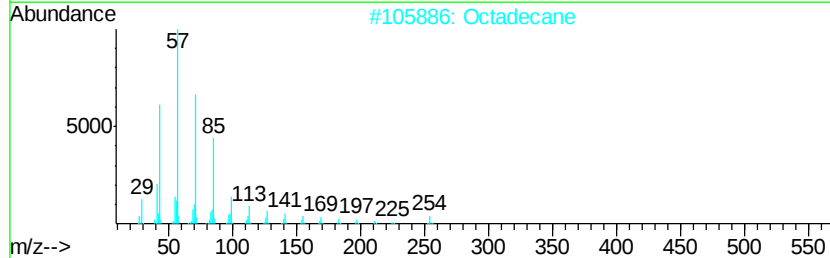
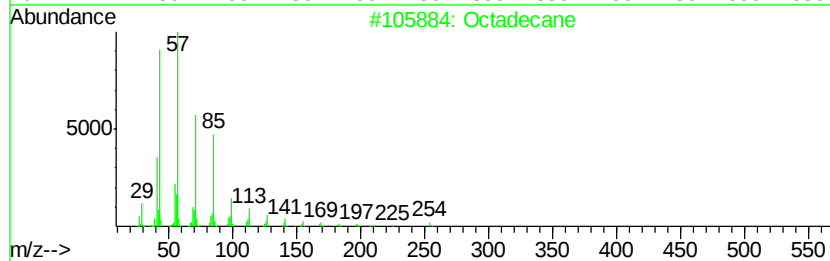
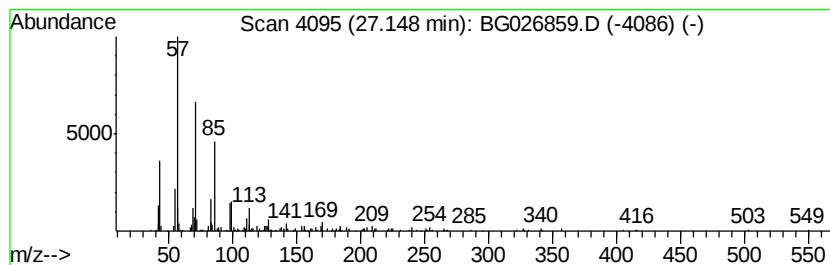
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Quant Title : SVOA CALIBRATION

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.
27.15	2.27 ng/ul	301432	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
Data File : BG026859.D
Acq On : 3 May 2017 20:02
Operator : SJ/MA
Sample : I2871-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB32

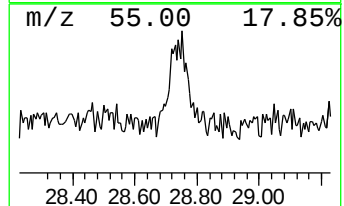
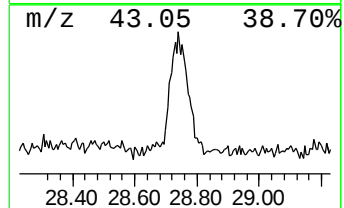
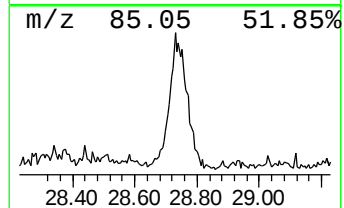
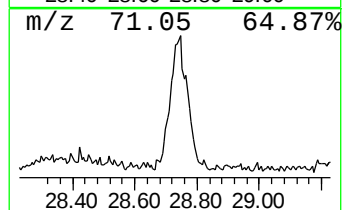
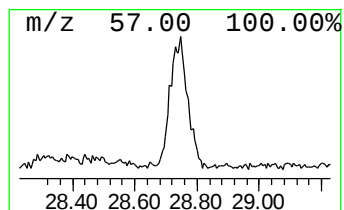
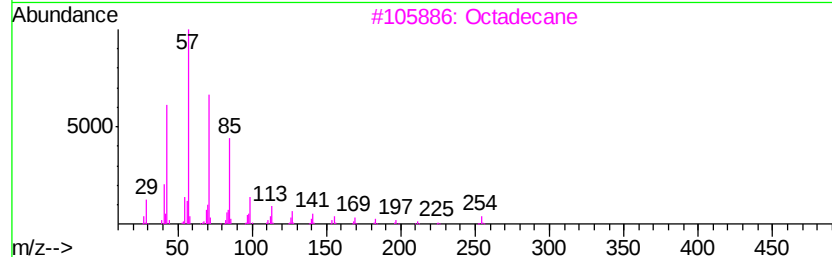
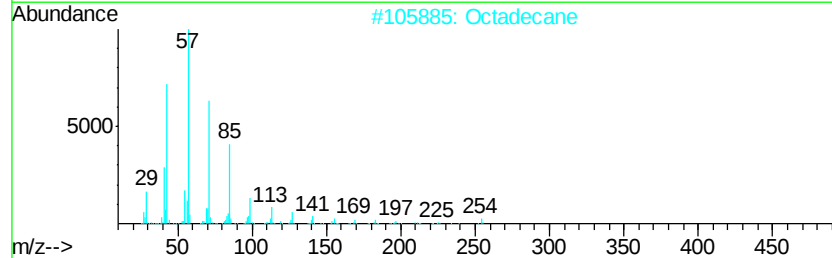
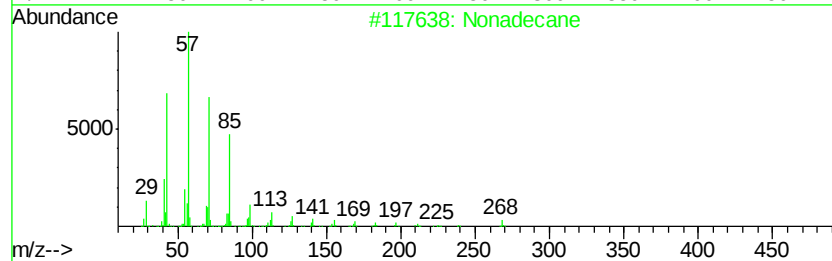
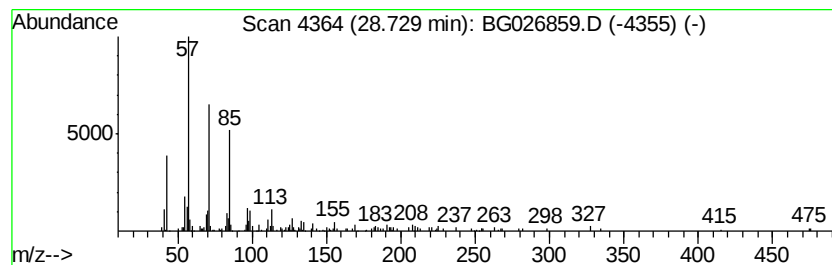
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
28.73	2.07 ng/ul	275472	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octadecane	254	C18H38	000593-45-3	93
3		Octadecane	254	C18H38	000593-45-3	91
4		Octadecane	254	C18H38	000593-45-3	89
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
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Sample : I2871-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB32

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	3.9	ng/ul	446677	4	17.35	2276890	20.0
unknown-01	21.43	2.1	ng/ul	247173	5	21.60	2362210	20.0
(DEL) Alkane: Str...	25.84	2.2	ng/ul	295572	6	24.76	2658330	20.0
(DEL) Alkane: Str...	27.15	2.3	ng/ul	301432	6	24.76	2658330	20.0
(DEL) Alkane: Str...	28.73	2.1	ng/ul	275472	6	24.76	2658330	20.0