

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026879.D
 Acq On : 6 May 2017 12:50
 Operator : SJ/MA
 Sample : I2842-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC37

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	3.295	33	35	42	rVB7	4795	9848	0.22%	0.018%
2	3.425	53	57	65	rVB	42702	63938	1.46%	0.117%
3	4.183	180	186	193	rBV6	7097	15394	0.35%	0.028%
4	5.111	338	344	356	rVB5	6680	16052	0.37%	0.029%
5	6.086	504	510	515	rBV7	6869	12890	0.29%	0.024%
6	6.210	525	531	539	rBV4	5101	9395	0.21%	0.017%
7	7.185	688	697	714	rBV	725143	1474941	33.60%	2.695%
8	7.332	714	722	734	rVV	640027	1098129	25.01%	2.006%
9	7.426	734	738	746	rVB8	5549	14288	0.33%	0.026%
10	7.543	747	758	774	rBV	798780	1398732	31.86%	2.555%
11	7.649	774	776	784	rVV7	5165	9780	0.22%	0.018%
12	8.008	827	837	846	rBV	604419	1024118	23.33%	1.871%
13	8.718	949	958	994	rBV	976975	1898343	43.24%	3.468%
14	9.165	1025	1034	1056	rBV	724597	1316480	29.99%	2.405%
15	9.335	1056	1063	1070	rBV9	6258	17441	0.40%	0.032%
16	9.588	1099	1106	1110	rBV	13928	22322	0.51%	0.041%
17	9.888	1148	1157	1170	rBV	614640	1121712	25.55%	2.049%
18	10.434	1240	1250	1273	rBV	935486	1816332	41.37%	3.318%
19	10.804	1304	1313	1328	rBV	964295	1734776	39.52%	3.169%
20	10.939	1328	1336	1358	rBV	774557	1491915	33.98%	2.726%
21	11.797	1471	1482	1483	rBV8	5115	11356	0.26%	0.021%
22	11.950	1501	1508	1514	rBV9	5743	9685	0.22%	0.018%
23	12.391	1578	1583	1591	rBV3	16233	35696	0.81%	0.065%
24	13.231	1721	1726	1731	rVB5	6831	12049	0.27%	0.022%
25	13.442	1753	1762	1768	rBV4	18023	29414	0.67%	0.054%
26	13.519	1768	1775	1779	rBV5	3976	10741	0.24%	0.020%
27	13.589	1783	1787	1796	rVB5	5642	11962	0.27%	0.022%
28	13.971	1846	1852	1853	rBV4	4689	8823	0.20%	0.016%
29	14.018	1853	1860	1865	rVV	1771746	2600097	59.23%	4.750%
30	14.065	1865	1868	1876	rVB	780842	1093918	24.92%	1.998%
31	14.136	1877	1880	1887	rVB6	7929	14484	0.33%	0.026%
32	14.212	1887	1893	1898	rVB5	7104	12718	0.29%	0.023%
33	14.312	1898	1910	1923	rBV	2175291	3458057	78.77%	6.318%
34	14.506	1937	1943	1949	rVB	49044	68540	1.56%	0.125%

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Integration Parameters: LSCINT.P

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

35	14.617	1949	1962	1974	rBV2	1349447	2212260	50.39%	4.042%
36	14.835	1993	1999	2025	rBV	392954	1052287	23.97%	1.922%
37	15.046	2033	2035	2042	rVB8	7078	13395	0.31%	0.024%
38	15.123	2045	2048	2056	rVB7	10977	18892	0.43%	0.035%
39	15.187	2056	2059	2065	rVB5	8443	11712	0.27%	0.021%
40	15.399	2090	2095	2098	rBV6	8058	13143	0.30%	0.024%
41	15.452	2100	2104	2109	rVB	66160	83591	1.90%	0.153%
42	15.610	2119	2131	2144	rVV	2609061	4001014	91.14%	7.309%
43	15.728	2144	2151	2165	rVV	602386	965282	21.99%	1.763%
44	15.851	2165	2172	2178	rVV4	48715	100058	2.28%	0.183%
45	15.898	2178	2180	2185	rVB6	7388	8453	0.19%	0.015%
46	15.957	2185	2190	2195	rBV7	8988	14745	0.34%	0.027%
47	16.004	2195	2198	2204	rVV7	10665	16395	0.37%	0.030%
48	16.075	2206	2210	2218	rVB7	12188	19276	0.44%	0.035%
49	16.239	2235	2238	2242	rBV6	5557	9244	0.21%	0.017%
50	16.310	2246	2250	2260	rBV	73927	126896	2.89%	0.232%
51	16.380	2260	2262	2269	rVB8	7402	11673	0.27%	0.021%
52	16.562	2288	2293	2301	rVB8	7123	12877	0.29%	0.024%
53	16.650	2304	2308	2316	rBV9	13718	26524	0.60%	0.048%
54	16.715	2316	2319	2322	rVV5	6043	8520	0.19%	0.016%
55	16.762	2322	2327	2332	rVV6	10639	19852	0.45%	0.036%
56	16.821	2332	2337	2343	rVV7	10446	17936	0.41%	0.033%
57	16.885	2343	2348	2351	rVV7	7333	11324	0.26%	0.021%
58	17.097	2377	2384	2388	rBV	48998	64277	1.46%	0.117%
59	17.150	2388	2393	2398	rVB5	16671	28068	0.64%	0.051%
60	17.250	2408	2410	2415	rVB6	6000	8290	0.19%	0.015%
61	17.355	2418	2428	2438	rBV2	1449750	2246938	51.18%	4.105%
62	17.455	2438	2445	2462	rVV	2598241	4000330	91.12%	7.308%
63	17.632	2472	2475	2482	rVB6	5145	10648	0.24%	0.019%
64	17.749	2491	2495	2500	rVV7	6258	10092	0.23%	0.018%
65	17.837	2504	2510	2516	rBV4	16524	24173	0.55%	0.044%
66	17.896	2517	2520	2524	rVB5	5017	8332	0.19%	0.015%
67	18.002	2535	2538	2544	rVB8	8530	11121	0.25%	0.020%
68	18.125	2553	2559	2564	rBV8	6681	16816	0.38%	0.031%
69	18.237	2571	2578	2599	rVV2	302501	598886	13.64%	1.094%
70	18.525	2624	2627	2629	rBV3	9997	11172	0.25%	0.020%
71	19.153	2730	2734	2739	rVV4	15707	21269	0.48%	0.039%

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72	19.377	2767	2772	2781	rBV3	40040	91779	2.09%	0.168%
73	19.500	2788	2793	2809	rBV2	158005	313758	7.15%	0.573%
74	19.629	2809	2815	2823	rVB2	77646	135116	3.08%	0.247%
75	19.735	2825	2833	2847	rVB	2928977	4229026	96.33%	7.726%
76	20.252	2916	2921	2926	rBV2	48139	58795	1.34%	0.107%
77	20.311	2928	2931	2938	rBV8	12261	21399	0.49%	0.039%
78	20.575	2973	2976	2979	rBV4	9228	10820	0.25%	0.020%
79	20.628	2980	2985	2992	rVB3	33423	55756	1.27%	0.102%
80	20.681	2992	2994	2999	rBV6	9725	15502	0.35%	0.028%
81	20.746	3000	3005	3009	rVV2	49615	63166	1.44%	0.115%
82	21.033	3049	3054	3055	rBV5	10373	16395	0.37%	0.030%
83	21.133	3068	3071	3074	rBV5	19175	25198	0.57%	0.046%
84	21.239	3084	3089	3094	rVB	102423	126854	2.89%	0.232%
85	21.415	3109	3119	3120	rBV8	43674	105940	2.41%	0.194%
86	21.597	3143	3150	3164	rVB	1404659	2423628	55.21%	4.428%
87	21.738	3170	3174	3176	rBV5	18354	26469	0.60%	0.048%
88	21.774	3176	3180	3187	rVB	60536	89545	2.04%	0.164%
89	22.367	3275	3281	3287	rBV	247276	386479	8.80%	0.706%
90	22.432	3289	3292	3299	rVB9	23383	37231	0.85%	0.068%
91	22.743	3341	3345	3356	rVB9	29291	66045	1.50%	0.121%
92	23.043	3390	3396	3401	rVB3	63840	126822	2.89%	0.232%
93	23.237	3423	3429	3438	rVB3	43007	96256	2.19%	0.176%
94	23.824	3522	3529	3538	rVB3	134149	291281	6.64%	0.532%
95	24.553	3641	3653	3671	rBV2	1471780	4390041	100.00%	8.020%
96	24.764	3677	3689	3711	rVB2	906596	2696437	61.42%	4.926%
97	25.851	3865	3874	3883	rBV3	107793	303208	6.91%	0.554%
98	27.156	4087	4096	4108	rBV3	77722	269234	6.13%	0.492%
99	28.748	4356	4367	4379	rVB5	61826	244004	5.56%	0.446%
100	30.669	4682	4694	4710	rVB8	50356	241311	5.50%	0.441%

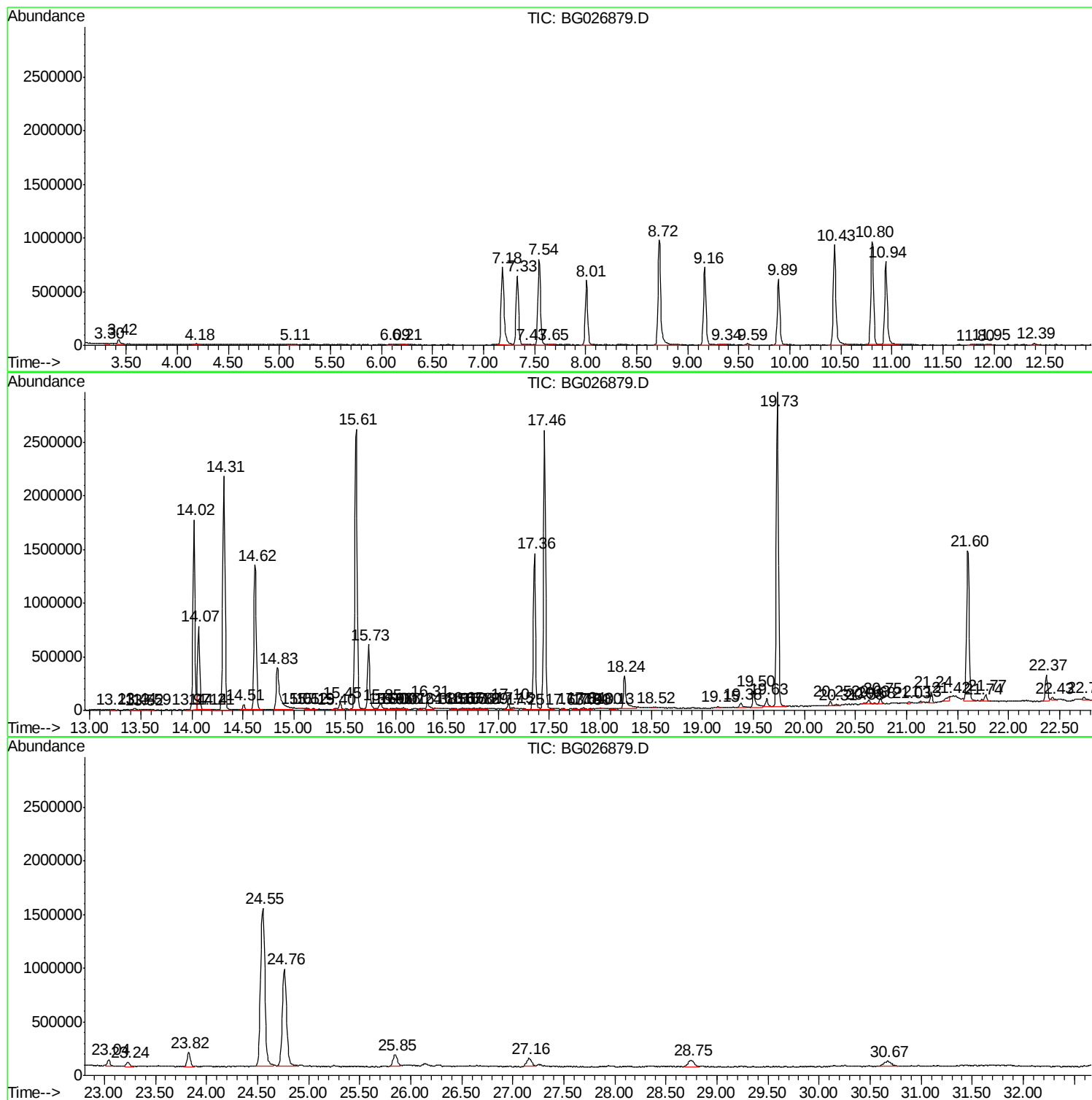
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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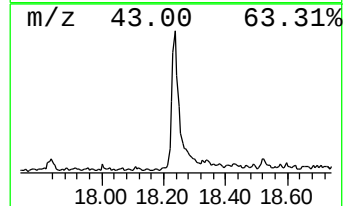
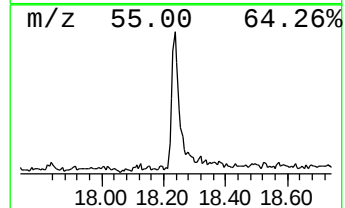
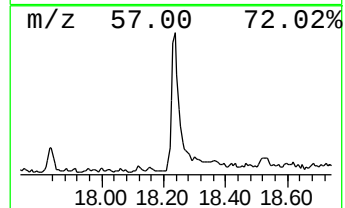
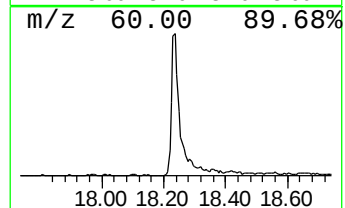
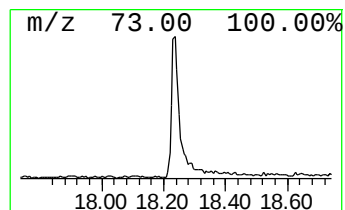
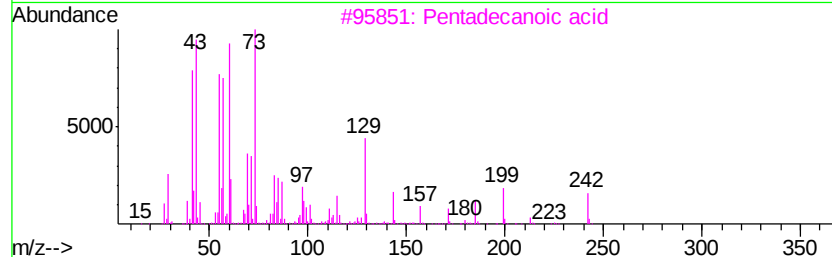
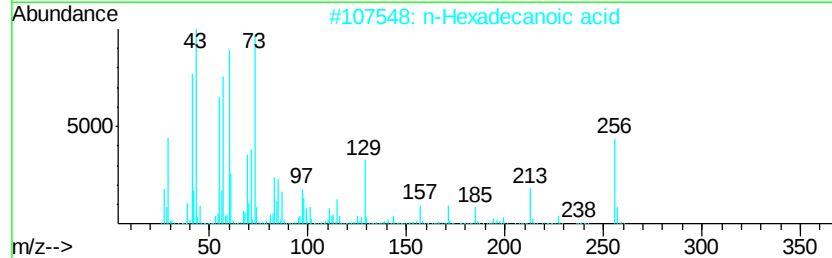
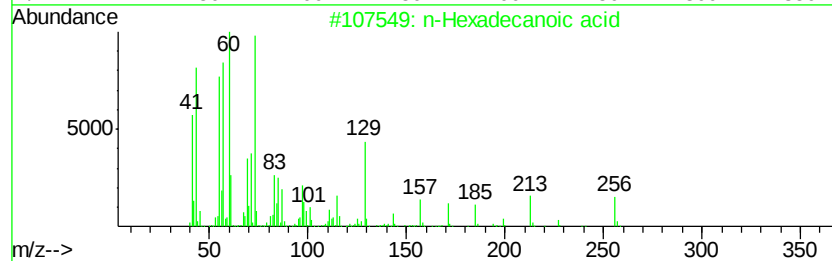
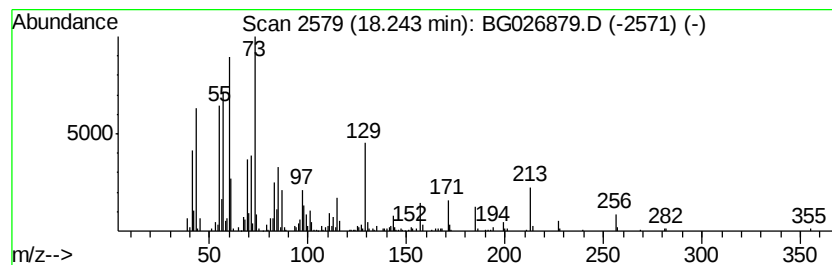
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.	
18.24	5.33 ng/ul	598886	Phenanthrene-d10		17.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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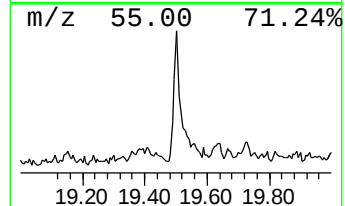
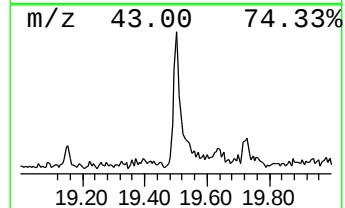
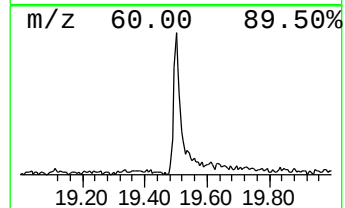
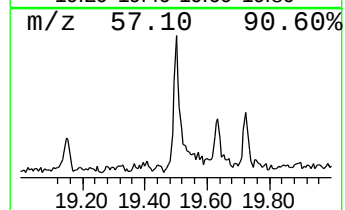
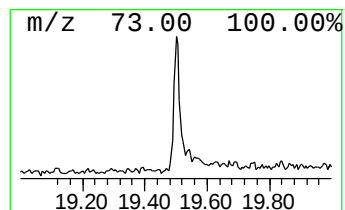
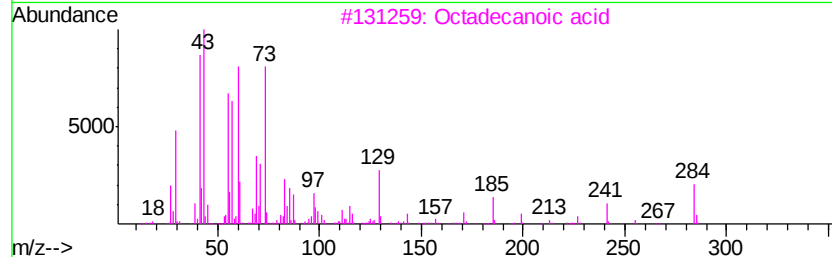
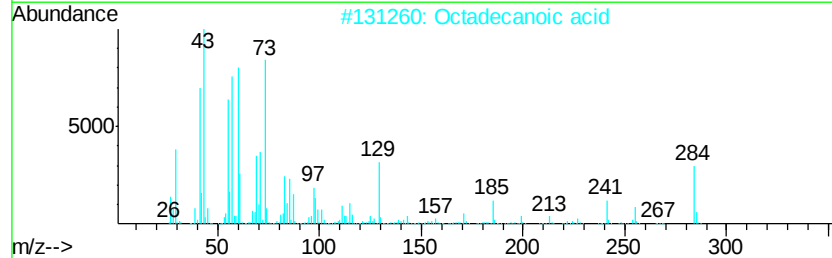
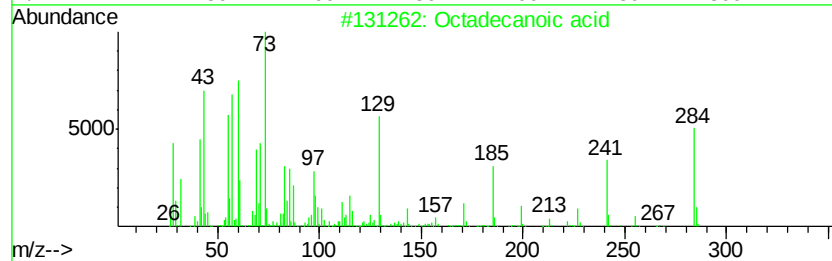
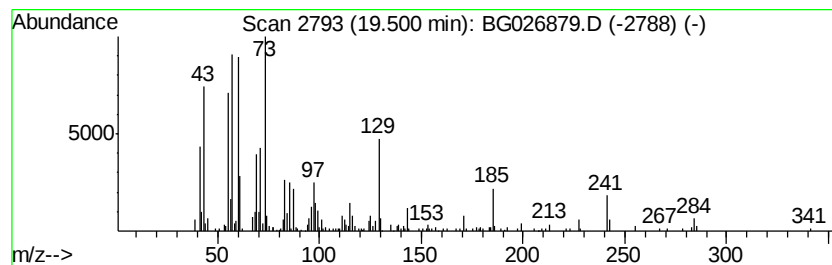
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.59 ng/ul	313758	Chrysene-d12	21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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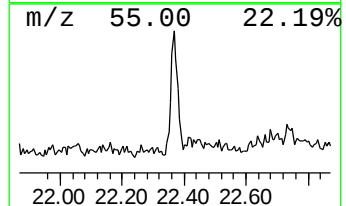
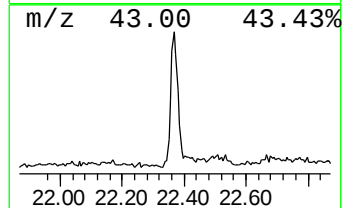
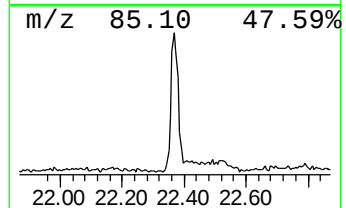
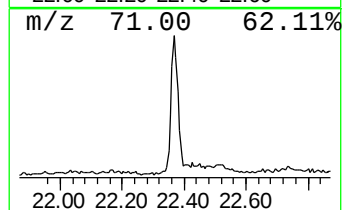
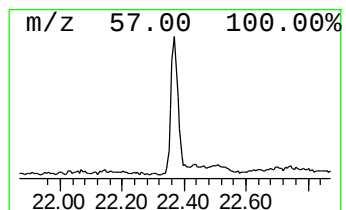
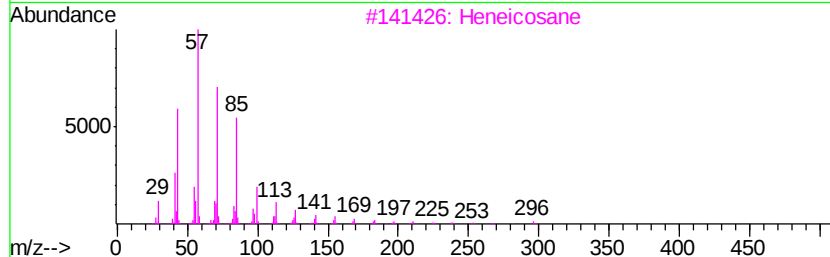
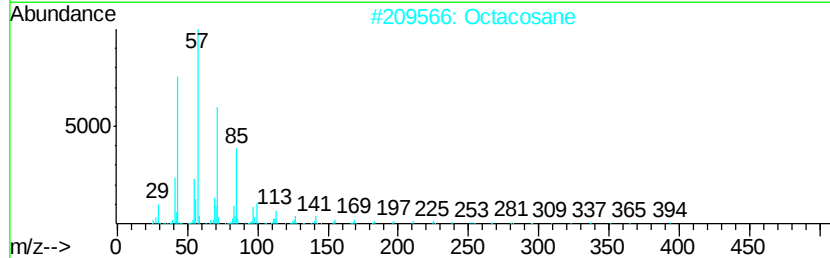
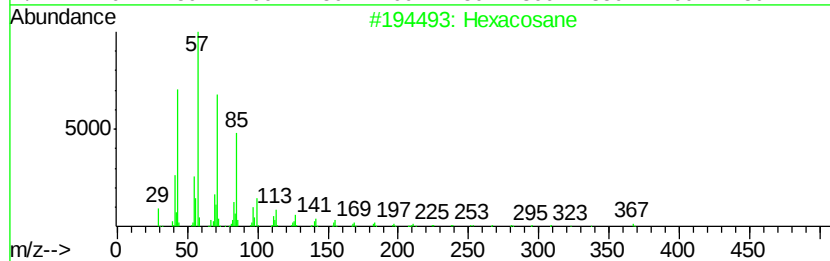
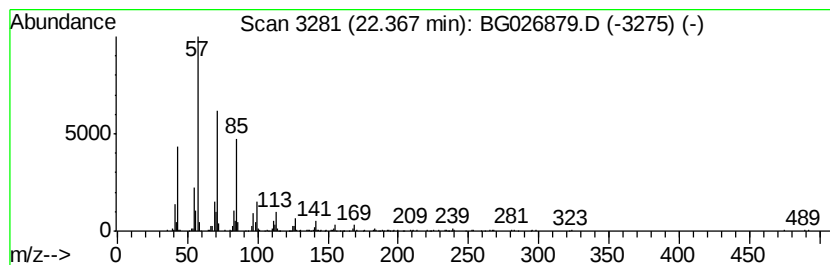
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.19 ng/ul	386479	Chrysene-d12	21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
Data File : BG026879.D
Acq On : 6 May 2017 12:50
Operator : SJ/MA
Sample : I2842-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC37

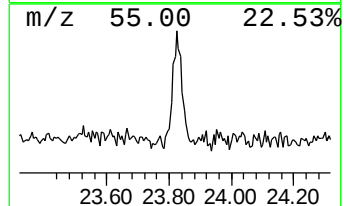
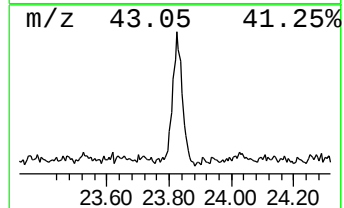
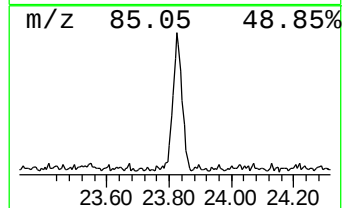
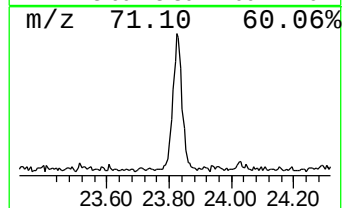
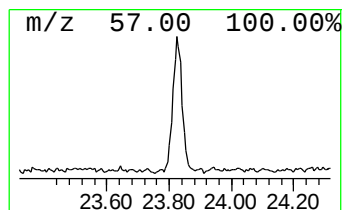
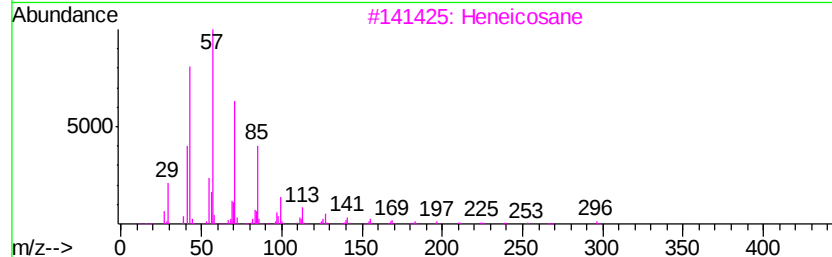
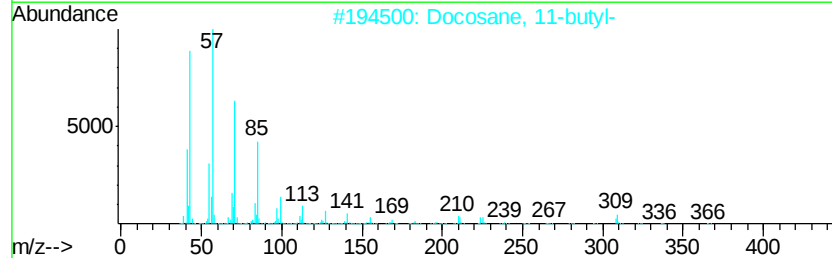
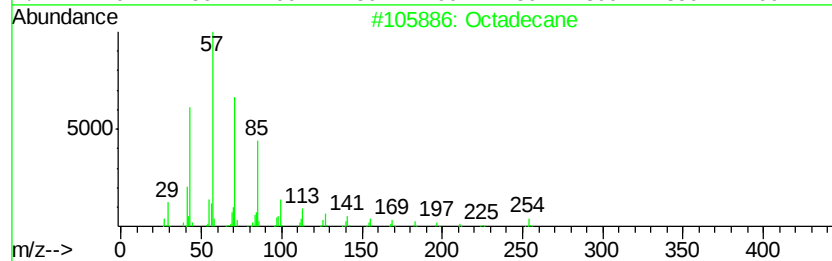
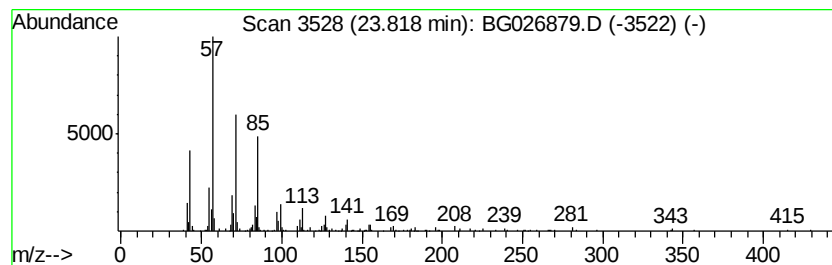
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.16 ng/ul	291281	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Octacosane	394	C28H58	000630-02-4	86
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
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Acq On : 6 May 2017 12:50
Operator : SJ/MA
Sample : I2842-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC37

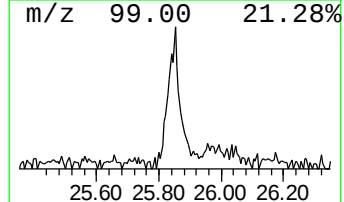
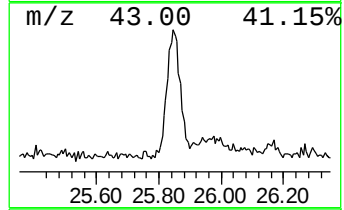
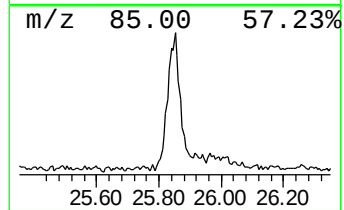
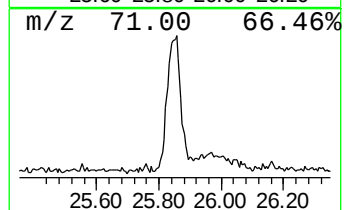
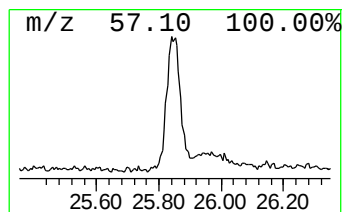
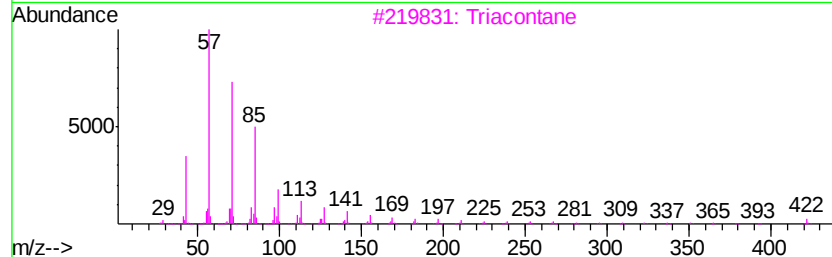
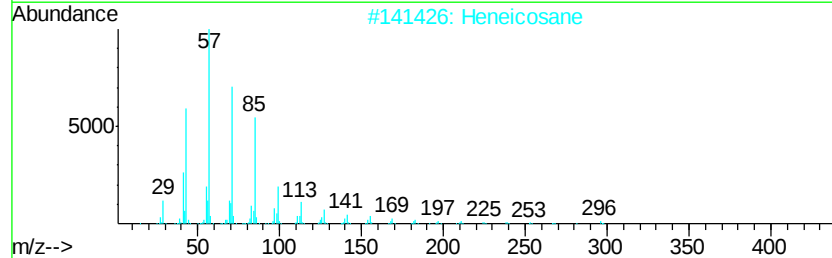
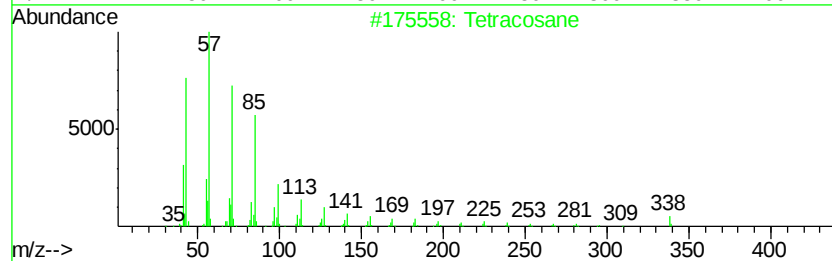
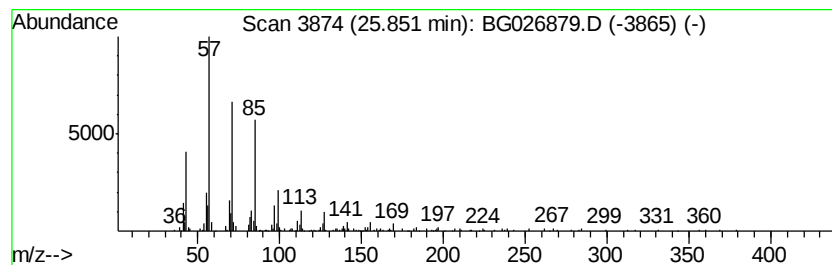
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.25 ng/ul	303208	Perylene-d12	24.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
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Sample : I2842-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC37

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	5.3	ng/ul	598886	4	17.36	2246940	20.0
Octadecanoic acid	19.50	2.6	ng/ul	313758	5	21.60	2423630	20.0
(DEL) Alkane: Str...	22.37	3.2	ng/ul	386479	5	21.60	2423630	20.0
(DEL) Alkane: Str...	23.82	2.2	ng/ul	291281	6	24.76	2696440	20.0
(DEL) Alkane: Str...	25.85	2.3	ng/ul	303208	6	24.76	2696440	20.0