

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051517\
 Data File : BG026963.D
 Acq On : 15 May 2017 21:13
 Operator : SJ/MA
 Sample : I3129-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCK6

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	3.428	53	58	69	rVB	38234	62196	1.34%	0.126%
2	3.728	107	109	115	rVB5	4377	6236	0.13%	0.013%
3	3.799	115	121	124	rBV7	3218	5539	0.12%	0.011%
4	4.545	242	248	260	rBV7	4509	13189	0.28%	0.027%
5	4.762	284	285	293	rVB4	2780	5705	0.12%	0.012%
6	5.667	434	439	444	rVB5	2183	4741	0.10%	0.010%
7	6.219	527	533	540	rVB6	5068	12469	0.27%	0.025%
8	7.183	687	697	710	rBV	124831	256330	5.51%	0.519%
9	7.330	712	722	735	rBV	652966	1081066	23.23%	2.190%
10	7.424	735	738	742	rVB3	4817	7154	0.15%	0.014%
11	7.541	751	758	779	rBV	589133	1081579	23.24%	2.191%
12	8.005	829	837	850	rBV	614336	1053983	22.65%	2.135%
13	8.722	950	959	975	rBV	413286	836782	17.98%	1.695%
14	9.163	1024	1034	1053	rBV	754690	1371794	29.47%	2.779%
15	9.321	1057	1061	1067	rVB7	7750	13733	0.30%	0.028%
16	9.886	1147	1157	1178	rBV	624277	1145158	24.60%	2.319%
17	10.226	1206	1215	1216	rVB4	2415	5766	0.12%	0.012%
18	10.438	1242	1251	1282	rBV	811424	1701112	36.55%	3.446%
19	10.802	1305	1313	1330	rVB	1012009	1814500	38.99%	3.675%
20	10.955	1331	1339	1350	rBV5	12921	31286	0.67%	0.063%
21	12.388	1576	1583	1590	rBV3	15558	32568	0.70%	0.066%
22	13.088	1694	1702	1707	rBV6	3030	7064	0.15%	0.014%
23	13.223	1720	1725	1737	rBV3	20332	42673	0.92%	0.086%
24	13.428	1757	1760	1766	rVB5	2598	4917	0.11%	0.010%
25	13.511	1766	1774	1780	rBV5	4515	11126	0.24%	0.023%
26	13.593	1782	1788	1795	rVB6	5163	10752	0.23%	0.022%
27	13.822	1820	1827	1830	rVB4	3269	5444	0.12%	0.011%
28	14.016	1851	1860	1875	rBV	1833861	2694495	57.89%	5.458%
29	14.310	1901	1910	1925	rBV	2224700	3559872	76.49%	7.210%
30	14.615	1954	1962	1972	rBV2	1483709	2340503	50.29%	4.741%
31	14.862	1997	2004	2022	rBV4	40539	150601	3.24%	0.305%
32	14.974	2022	2023	2032	rVB5	7025	10862	0.23%	0.022%
33	15.115	2046	2047	2053	rVB4	2764	4865	0.10%	0.010%
34	15.297	2075	2078	2084	rVV6	4491	9976	0.21%	0.020%

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35	15.420	2091	2099	2109	rVB4	15821	36090	0.78%	0.073%
36	15.602	2121	2130	2140	rBV	2694170	4199837	90.24%	8.507%
37	15.732	2144	2152	2166	rBV	573565	902814	19.40%	1.829%
38	15.843	2166	2171	2180	rVB2	38299	62571	1.34%	0.127%
39	15.955	2183	2190	2197	rBV2	31419	52417	1.13%	0.106%
40	16.102	2211	2215	2218	rBV4	4276	5221	0.11%	0.011%
41	16.178	2224	2228	2230	rBV4	4409	5094	0.11%	0.010%
42	16.208	2230	2233	2235	rBV4	4175	5586	0.12%	0.011%
43	16.307	2244	2250	2258	rBV4	6744	15325	0.33%	0.031%
44	16.384	2258	2263	2268	rVV6	4500	7592	0.16%	0.015%
45	16.554	2287	2292	2297	rVB7	5921	8569	0.18%	0.017%
46	16.942	2352	2358	2363	rBV6	10831	17771	0.38%	0.036%
47	17.089	2382	2383	2389	rVB3	4265	5691	0.12%	0.012%
48	17.148	2389	2393	2400	rBV3	11711	20532	0.44%	0.042%
49	17.353	2421	2428	2438	rBV	1619210	2391044	51.37%	4.843%
50	17.453	2438	2445	2458	rVB2	2717051	4178099	89.77%	8.463%
51	17.624	2469	2474	2479	rVB2	10053	15260	0.33%	0.031%
52	17.735	2490	2493	2501	rVB8	4761	10124	0.22%	0.021%
53	17.953	2525	2530	2535	rBV8	5247	10306	0.22%	0.021%
54	18.005	2535	2539	2544	rVV2	45257	61833	1.33%	0.125%
55	18.176	2562	2568	2572	rBV7	3545	6682	0.14%	0.014%
56	18.235	2572	2578	2585	rBV4	25041	49633	1.07%	0.101%
57	18.299	2586	2589	2593	rVV	27431	35788	0.77%	0.072%
58	18.340	2593	2596	2599	rVB4	9516	11581	0.25%	0.023%
59	18.487	2618	2621	2624	rVV3	5910	6469	0.14%	0.013%
60	18.522	2624	2627	2633	rVB6	4061	5498	0.12%	0.011%
61	18.599	2635	2640	2653	rVB6	7086	24450	0.53%	0.050%
62	18.816	2672	2677	2684	rVB2	32283	45584	0.98%	0.092%
63	18.881	2684	2688	2693	rVB7	5811	9540	0.20%	0.019%
64	18.940	2693	2698	2700	rBV5	4245	6620	0.14%	0.013%
65	19.022	2703	2712	2716	rBV5	5405	15531	0.33%	0.031%
66	19.092	2719	2724	2731	rVB8	5386	8638	0.19%	0.017%
67	19.298	2754	2759	2764	rBV9	11439	17248	0.37%	0.035%
68	19.374	2765	2772	2777	rBV	39748	82286	1.77%	0.167%
69	19.421	2777	2780	2788	rVV9	15428	35728	0.77%	0.072%
70	19.498	2788	2793	2800	rVV8	26739	55187	1.19%	0.112%
71	19.551	2800	2802	2810	rVV8	9403	20594	0.44%	0.042%

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72	19.621	2810	2814	2816	rVV	30213	44230	0.95%	0.090%
73	19.645	2816	2818	2824	rVB	48021	63115	1.36%	0.128%
74	19.733	2826	2833	2849	rBV2	3003454	4328330	93.00%	8.767%
75	19.950	2866	2870	2874	rBV2	19895	26978	0.58%	0.055%
76	20.056	2885	2888	2890	rBV4	5927	6725	0.14%	0.014%
77	20.173	2905	2908	2910	rVB4	5289	5466	0.12%	0.011%
78	20.197	2910	2912	2915	rBV4	5603	7754	0.17%	0.016%
79	20.250	2920	2921	2925	rVB4	6595	4894	0.11%	0.010%
80	20.320	2925	2933	2937	rBV9	8216	20843	0.45%	0.042%
81	20.438	2950	2953	2955	rVB4	5557	6018	0.13%	0.012%
82	20.626	2969	2985	2991	rBV	320971	661318	14.21%	1.339%
83	20.673	2991	2993	3000	rVV	140988	215112	4.62%	0.436%
84	20.732	3000	3003	3011	rVB	47174	79720	1.71%	0.161%
85	20.914	3033	3034	3038	rBV4	9232	14494	0.31%	0.029%
86	21.155	3072	3075	3078	rBV5	13923	18687	0.40%	0.038%
87	21.243	3085	3090	3097	rBV5	12332	35919	0.77%	0.073%
88	21.466	3126	3128	3133	rVB5	13207	16745	0.36%	0.034%
89	21.595	3143	3150	3163	rBV	1465292	2502169	53.76%	5.068%
90	21.701	3164	3168	3177	rVV5	36690	81954	1.76%	0.166%
91	22.371	3277	3282	3284	rBV4	22900	38250	0.82%	0.077%
92	23.035	3389	3395	3402	rVB3	57613	110525	2.37%	0.224%
93	23.816	3522	3528	3538	rVB	83382	172713	3.71%	0.350%
94	24.551	3640	3653	3676	rBV2	1425717	4654260	100.00%	9.427%
95	24.768	3677	3690	3716	rVB2	826037	2925365	62.85%	5.925%
96	25.832	3862	3871	3883	rBV3	111609	341446	7.34%	0.692%
97	27.142	4084	4094	4109	rVB3	119789	434799	9.34%	0.881%
98	28.728	4354	4364	4379	rVB4	85236	336609	7.23%	0.682%
99	30.649	4678	4691	4709	rVB5	72733	360146	7.74%	0.729%
100	32.013	4922	4923	4928	rBV5	8231	11506	0.25%	0.023%

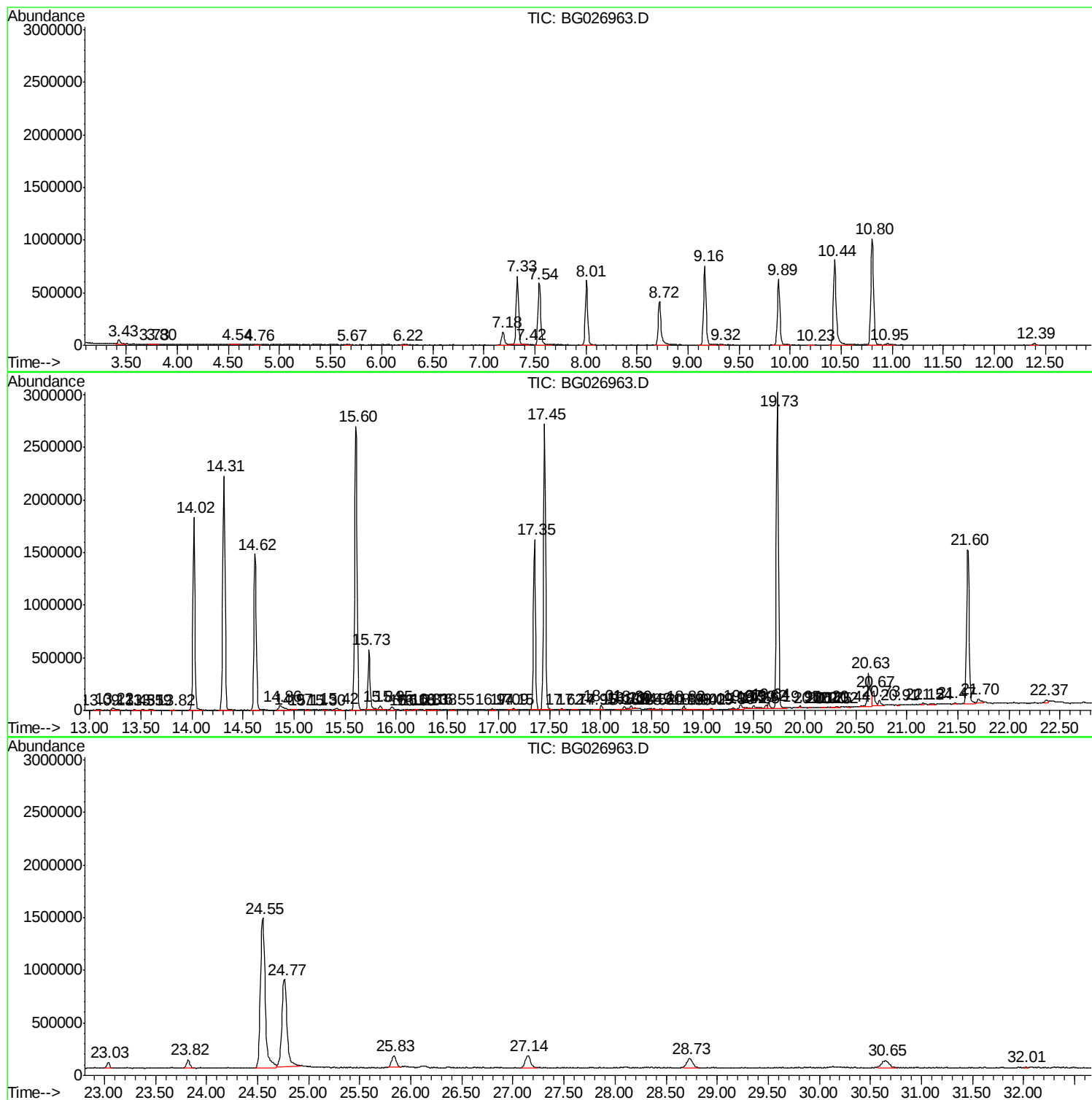
Sum of corrected areas: 49370959

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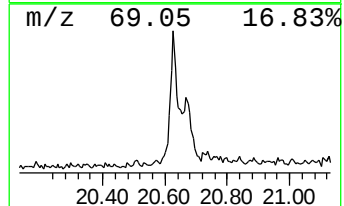
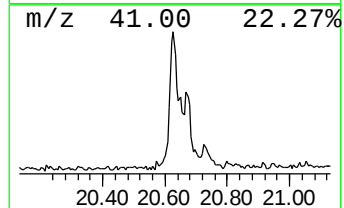
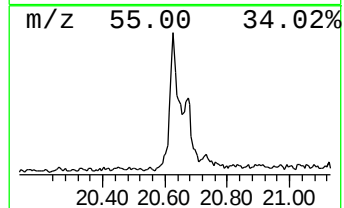
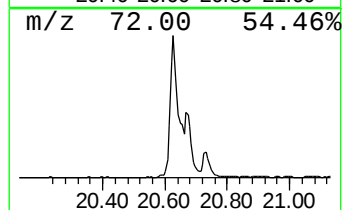
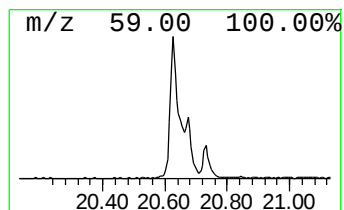
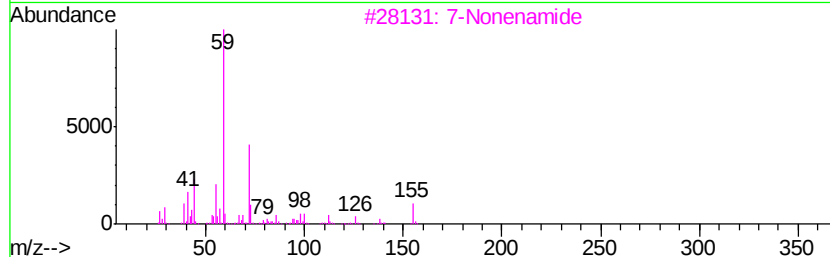
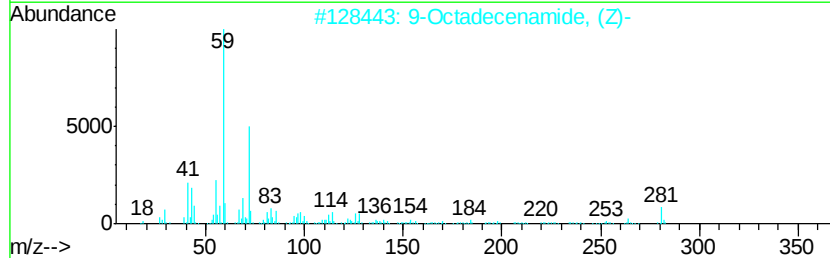
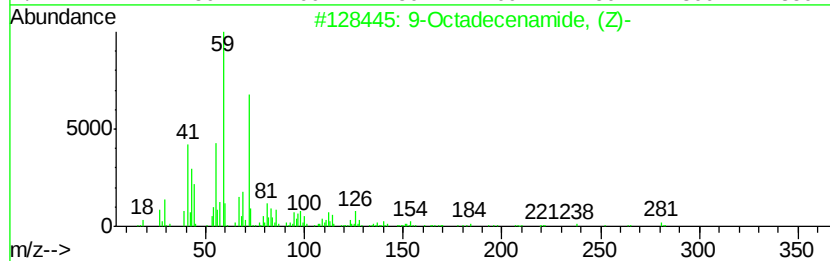
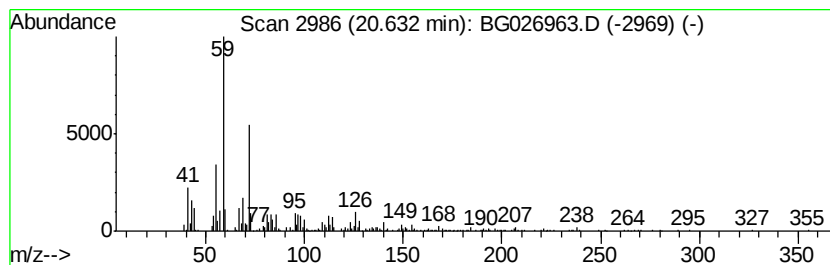
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.63	5.29 ng/ul	661318	Chrysene-d12	21.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91	
3	7-Nonenamide	155	C9H17NO	090949-53-4	72	
4	Hexadecanamide	255	C16H33NO	000629-54-9	72	
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64	



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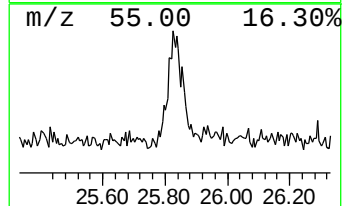
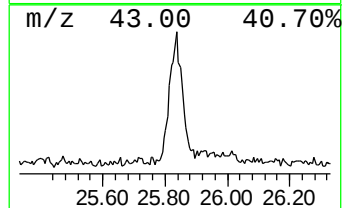
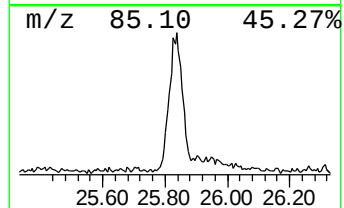
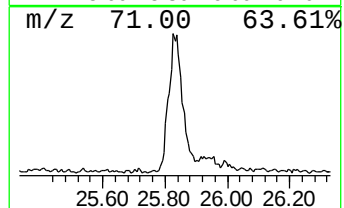
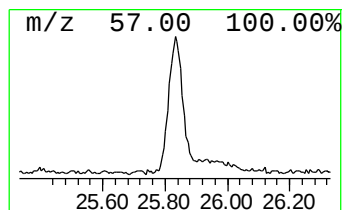
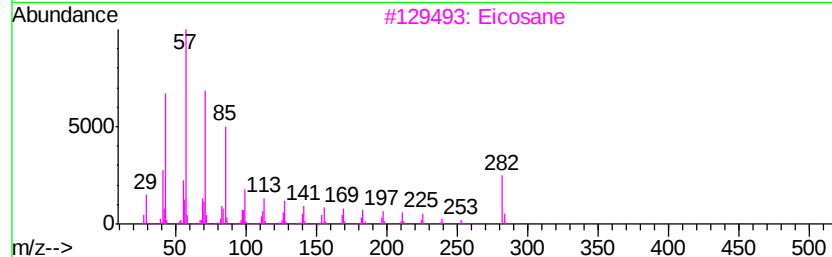
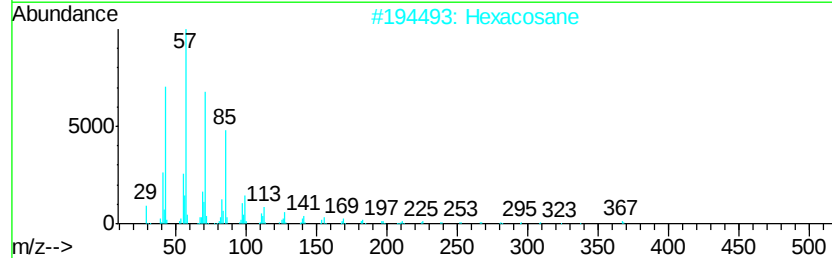
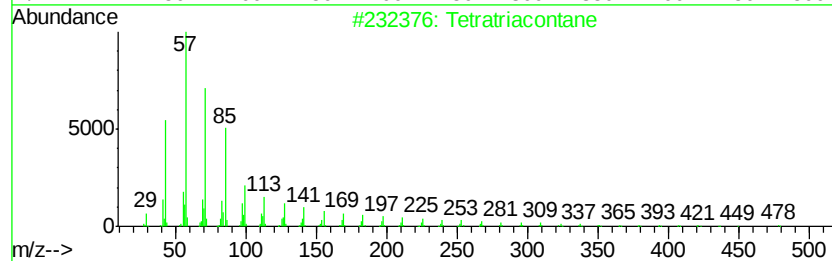
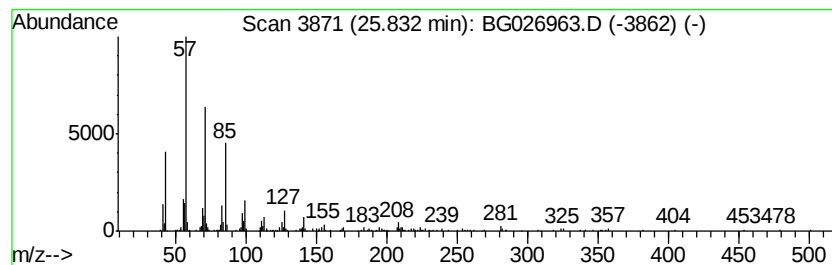
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.33 ng/ul	341446	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	90
2			Hexacosane	366	C26H54	000630-01-3	87
3			Eicosane	282	C20H42	000112-95-8	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



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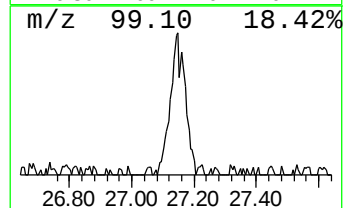
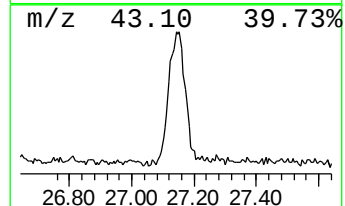
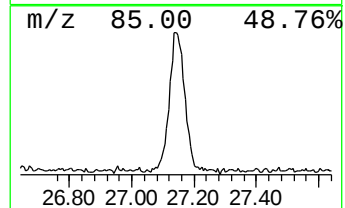
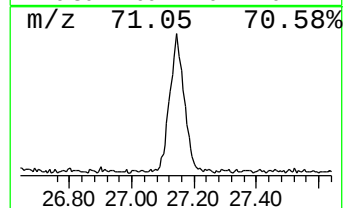
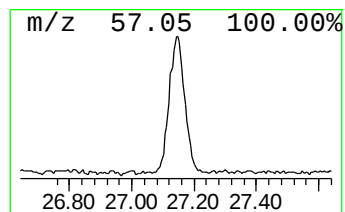
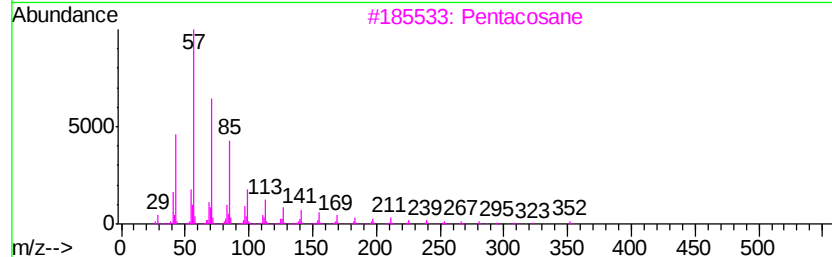
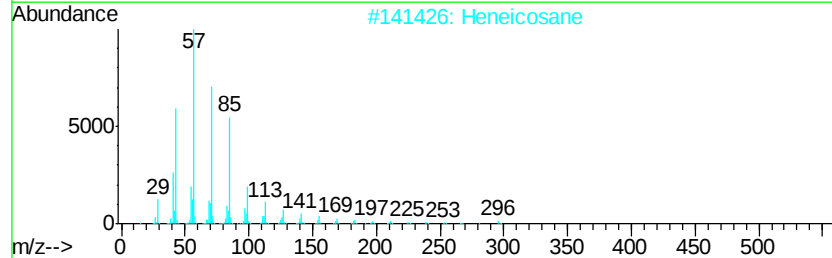
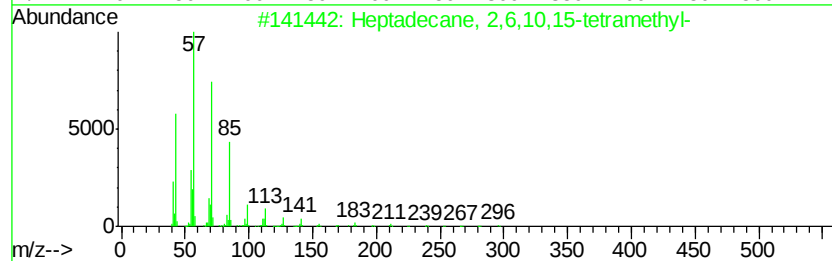
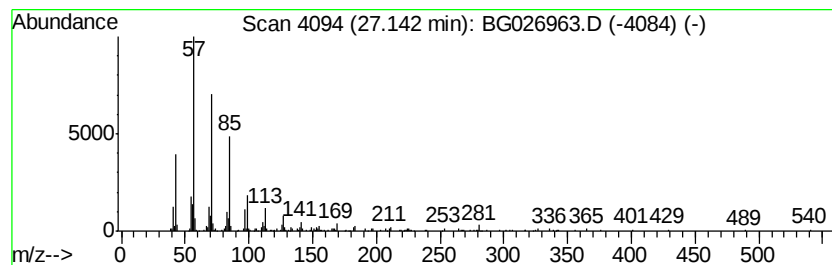
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.14	2.97 ng/ul	434799	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051517\
Data File : BG026963.D
Acq On : 15 May 2017 21:13
Operator : SJ/MA
Sample : I3129-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK6

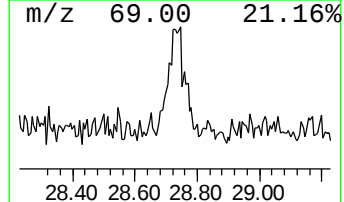
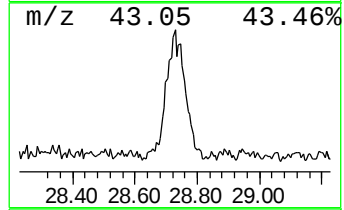
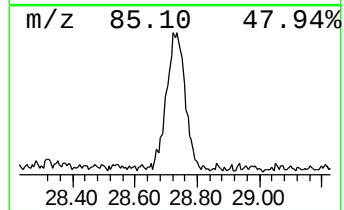
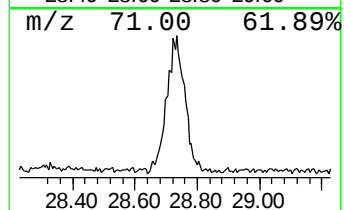
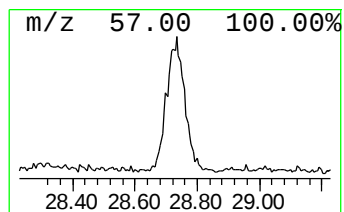
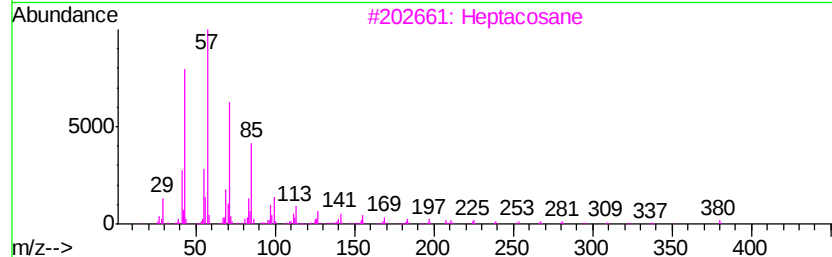
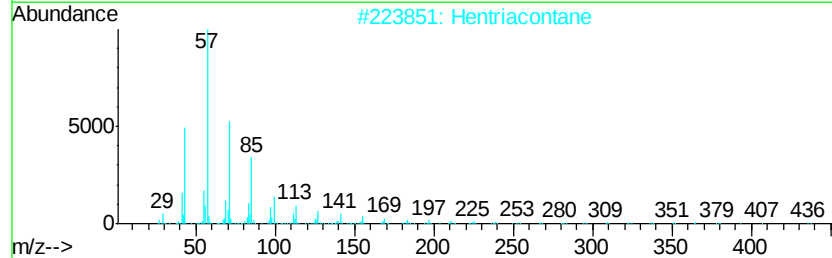
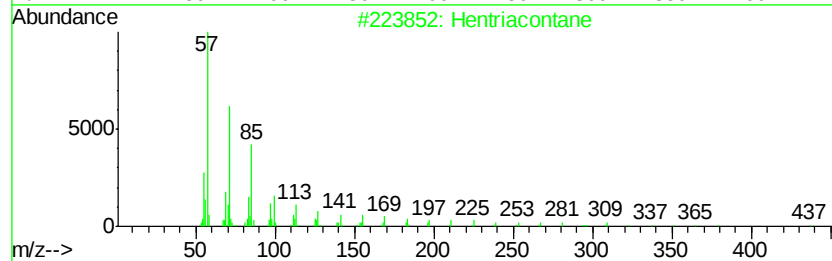
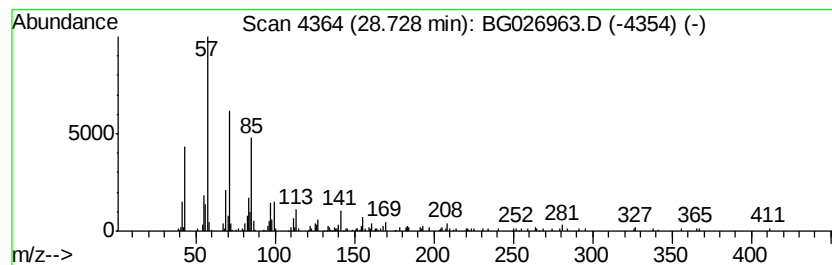
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.30 ng/ul	336609	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		2-methylhexacosane	380	C27H56	1000376-72-7	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051517\
Data File : BG026963.D
Acq On : 15 May 2017 21:13
Operator : SJ/MA
Sample : I3129-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK6

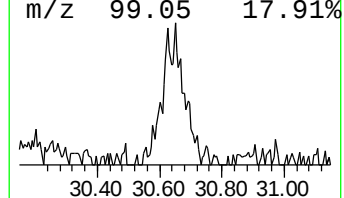
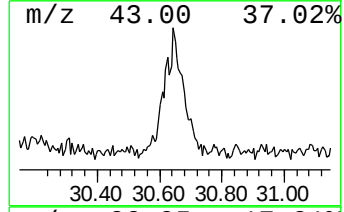
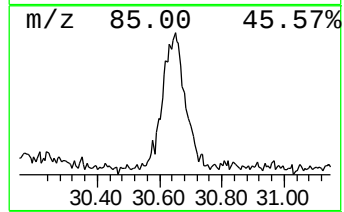
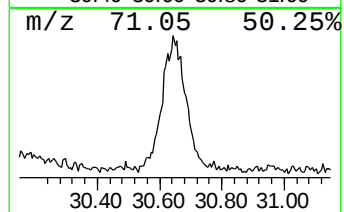
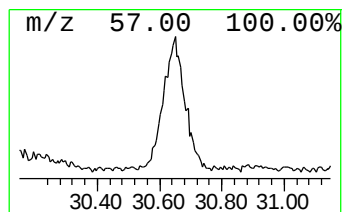
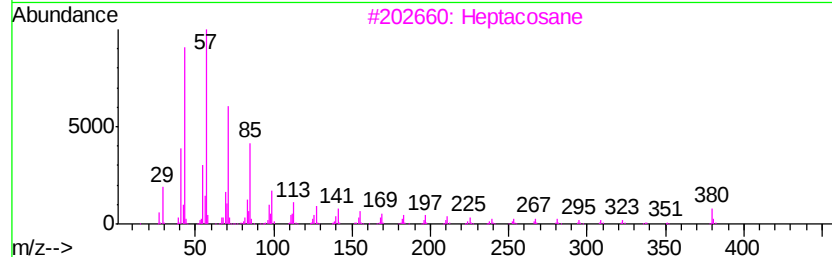
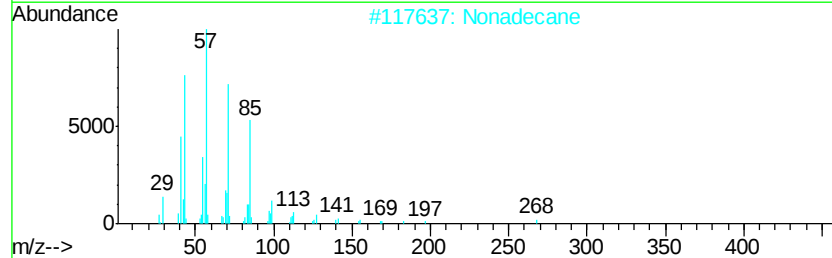
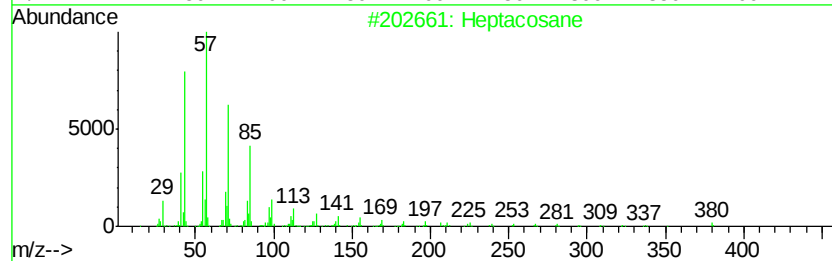
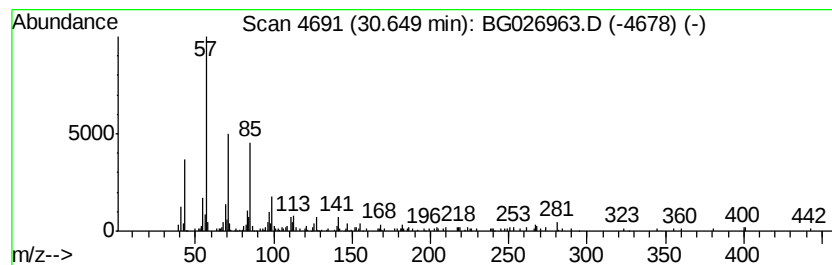
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	2.46 ng/ul	360146	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
5		Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051517\
Data File : BG026963.D
Acq On : 15 May 2017 21:13
Operator : SJ/MA
Sample : I3129-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCK6

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
9-Octadecenamide,...	20.63	5.3	ng/ul	661318	5	21.60	2502170	20.0
(DEL) Alkane: Str...	25.83	2.3	ng/ul	341446	6	24.77	2925370	20.0
(DEL) Alkane: Str...	27.14	3.0	ng/ul	434799	6	24.77	2925370	20.0
(DEL) Alkane: Str...	28.73	2.3	ng/ul	336609	6	24.77	2925370	20.0
(DEL) Alkane: Str...	30.65	2.5	ng/ul	360146	6	24.77	2925370	20.0