

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026794.D
 Acq On : 1 May 2017 4:47
 Operator : SJ/MA
 Sample : I2846-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT00

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	53	57	65	rVB	44852	68633	1.41%	0.109%
2	4.184	183	186	193	rVV5	10779	17261	0.36%	0.027%
3	6.211	526	531	538	rBV8	8344	15902	0.33%	0.025%
4	7.069	664	677	682	rBV9	10200	31815	0.66%	0.051%
5	7.186	689	697	713	rBV	767684	1424941	29.34%	2.265%
6	7.327	715	721	733	rVB	690262	1146257	23.60%	1.822%
7	7.421	734	737	745	rVB6	7565	16073	0.33%	0.026%
8	7.545	750	758	768	rBV	818136	1428281	29.41%	2.270%
9	8.009	830	837	853	rVB	607014	1047942	21.57%	1.666%
10	8.309	883	888	894	rBV6	7183	14554	0.30%	0.023%
11	8.720	947	958	985	rBV	1055893	2013188	41.45%	3.200%
12	9.166	1020	1034	1045	rBV	816677	1440679	29.66%	2.290%
13	9.319	1055	1060	1068	rBV8	15275	35346	0.73%	0.056%
14	9.589	1101	1106	1112	rVB4	7492	14030	0.29%	0.022%
15	9.889	1150	1157	1174	rBV	698923	1241508	25.56%	1.973%
16	10.177	1202	1206	1216	rBV9	3838	10492	0.22%	0.017%
17	10.435	1243	1250	1270	rBV	1035551	1988347	40.94%	3.160%
18	10.806	1304	1313	1325	rVB	1033668	1837972	37.84%	2.921%
19	10.941	1327	1336	1352	rBV	1098178	2093031	43.09%	3.327%
20	11.640	1449	1455	1465	rBV7	5993	13148	0.27%	0.021%
21	12.280	1560	1564	1572	rBV8	4165	8055	0.17%	0.013%
22	12.392	1577	1583	1594	rBV	23327	47345	0.97%	0.075%
23	13.232	1718	1726	1732	rVB4	13151	24360	0.50%	0.039%
24	13.514	1767	1774	1784	rBV2	32819	66243	1.36%	0.105%
25	14.020	1844	1860	1865	rBV	1997308	2968873	61.12%	4.719%
26	14.067	1865	1868	1878	rVV	702801	961354	19.79%	1.528%
27	14.143	1878	1881	1888	rVB7	6662	11883	0.24%	0.019%
28	14.313	1899	1910	1926	rBV	2448696	3917609	80.65%	6.227%
29	14.507	1936	1943	1953	rVB2	28220	44614	0.92%	0.071%
30	14.619	1953	1962	1973	rBV2	1571583	2536042	52.21%	4.031%
31	14.836	1990	1999	2024	rBV	551214	1312461	27.02%	2.086%
32	15.059	2036	2037	2042	rVB5	8761	8560	0.18%	0.014%
33	15.124	2044	2048	2055	rVB5	11903	18212	0.37%	0.029%
34	15.195	2055	2060	2063	rVB6	8325	13158	0.27%	0.021%

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35	15.247	2067	2069	2075	rVB6	5318	8131	0.17%	0.013%
36	15.341	2079	2085	2090	rBV8	3816	8170	0.17%	0.013%
37	15.406	2092	2096	2100	rBV2	24839	37609	0.77%	0.060%
38	15.453	2100	2104	2110	rVB2	62207	79449	1.64%	0.126%
39	15.506	2110	2113	2118	rVB7	5640	8565	0.18%	0.014%
40	15.606	2118	2130	2140	rBV	3136077	4726444	97.31%	7.512%
41	15.729	2144	2151	2164	rBV	866848	1313239	27.04%	2.087%
42	15.847	2164	2171	2177	rVV4	56363	116656	2.40%	0.185%
43	15.900	2177	2180	2182	rVB4	9398	8833	0.18%	0.014%
44	15.953	2185	2189	2195	rVB8	13388	22573	0.46%	0.036%
45	16.005	2195	2198	2205	rBV8	13698	22613	0.47%	0.036%
46	16.076	2205	2210	2216	rBV7	12276	20807	0.43%	0.033%
47	16.311	2243	2250	2258	rBV	72000	131730	2.71%	0.209%
48	16.481	2275	2279	2284	rBV9	8699	11689	0.24%	0.019%
49	16.558	2287	2292	2296	rBV8	6037	8521	0.18%	0.014%
50	16.652	2304	2308	2312	rBV6	12488	20993	0.43%	0.033%
51	16.752	2322	2325	2333	rBV7	14447	29572	0.61%	0.047%
52	16.816	2333	2336	2343	rVB7	9430	14088	0.29%	0.022%
53	16.881	2343	2347	2351	rBV7	7726	10031	0.21%	0.016%
54	17.098	2375	2384	2389	rBV	53981	81379	1.68%	0.129%
55	17.157	2389	2394	2400	rVB5	21260	37271	0.77%	0.059%
56	17.257	2406	2411	2419	rVB9	19417	30946	0.64%	0.049%
57	17.351	2419	2427	2437	rBV	1742337	2703481	55.66%	4.297%
58	17.451	2437	2444	2453	rVV2	3027744	4649255	95.72%	7.389%
59	17.627	2469	2474	2483	rVB2	13069	25420	0.52%	0.040%
60	17.833	2490	2509	2536	rBV8	77643	540884	11.14%	0.860%
61	18.115	2551	2557	2561	rBV8	15184	23571	0.49%	0.037%
62	18.238	2571	2578	2587	rBV	397239	651468	13.41%	1.035%
63	18.526	2623	2627	2632	rBV3	21882	29948	0.62%	0.048%
64	18.655	2645	2649	2654	rVB5	31234	35699	0.73%	0.057%
65	19.008	2707	2709	2717	rVB8	6359	10184	0.21%	0.016%
66	19.096	2721	2724	2727	rBV5	8349	11887	0.24%	0.019%
67	19.213	2727	2744	2751	rBV5	93953	561332	11.56%	0.892%
68	19.378	2766	2772	2780	rVB2	59312	113234	2.33%	0.180%
69	19.501	2786	2793	2809	rBV2	194028	370499	7.63%	0.589%
70	19.625	2809	2814	2822	rVB3	29669	67469	1.39%	0.107%
71	19.730	2825	2832	2845	rBV	3275322	4837583	99.60%	7.689%

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72	19.842	2847	2851	2855	rVB2	30910	37208	0.77%	0.059%
73	20.124	2893	2899	2903	rBV9	11182	25494	0.52%	0.041%
74	20.253	2918	2921	2924	rVB3	29727	33302	0.69%	0.053%
75	20.389	2939	2944	2948	rBV	77719	101948	2.10%	0.162%
76	20.524	2965	2967	2968	rBV2	12470	10564	0.22%	0.017%
77	20.582	2972	2977	2980	rVB3	42785	63817	1.31%	0.101%
78	20.700	2994	2997	3000	rVB4	25429	28872	0.59%	0.046%
79	20.741	3000	3004	3012	rVB9	34714	48716	1.00%	0.077%
80	20.900	3027	3031	3043	rBV	64861	93324	1.92%	0.148%
81	21.240	3085	3089	3096	rVB2	117232	155889	3.21%	0.248%
82	21.434	3119	3122	3126	rBV	64069	85916	1.77%	0.137%
83	21.475	3126	3129	3136	rVB2	90790	127347	2.62%	0.202%
84	21.599	3142	3150	3155	rBV	1721374	2794203	57.53%	4.441%
85	21.646	3156	3158	3164	rVB	125365	145246	2.99%	0.231%
86	22.369	3276	3281	3286	rBV7	39895	92662	1.91%	0.147%
87	22.733	3340	3343	3353	rVB7	20617	44195	0.91%	0.070%
88	22.850	3357	3363	3371	rBV3	63478	110271	2.27%	0.175%
89	23.032	3389	3394	3401	rVB7	45953	109019	2.24%	0.173%
90	23.232	3421	3428	3436	rVB	68806	146315	3.01%	0.233%
91	23.820	3522	3528	3536	rBV3	58524	127495	2.62%	0.203%
92	24.102	3570	3576	3587	rVB2	47582	113196	2.33%	0.180%
93	24.542	3639	3651	3664	rBV2	1773690	4857248	100.00%	7.720%
94	24.754	3676	3687	3702	rVB2	1073033	3089082	63.60%	4.910%
95	25.847	3864	3873	3880	rBV4	72459	225449	4.64%	0.358%
96	26.099	3909	3916	3932	rVB6	71245	250921	5.17%	0.399%
97	27.151	4087	4095	4107	rVB3	70006	222625	4.58%	0.354%
98	28.743	4355	4366	4378	rVB7	53598	203594	4.19%	0.324%
99	29.983	4567	4577	4590	rVB7	31344	116200	2.39%	0.185%
100	30.659	4680	4692	4710	rVB8	44875	237708	4.89%	0.378%

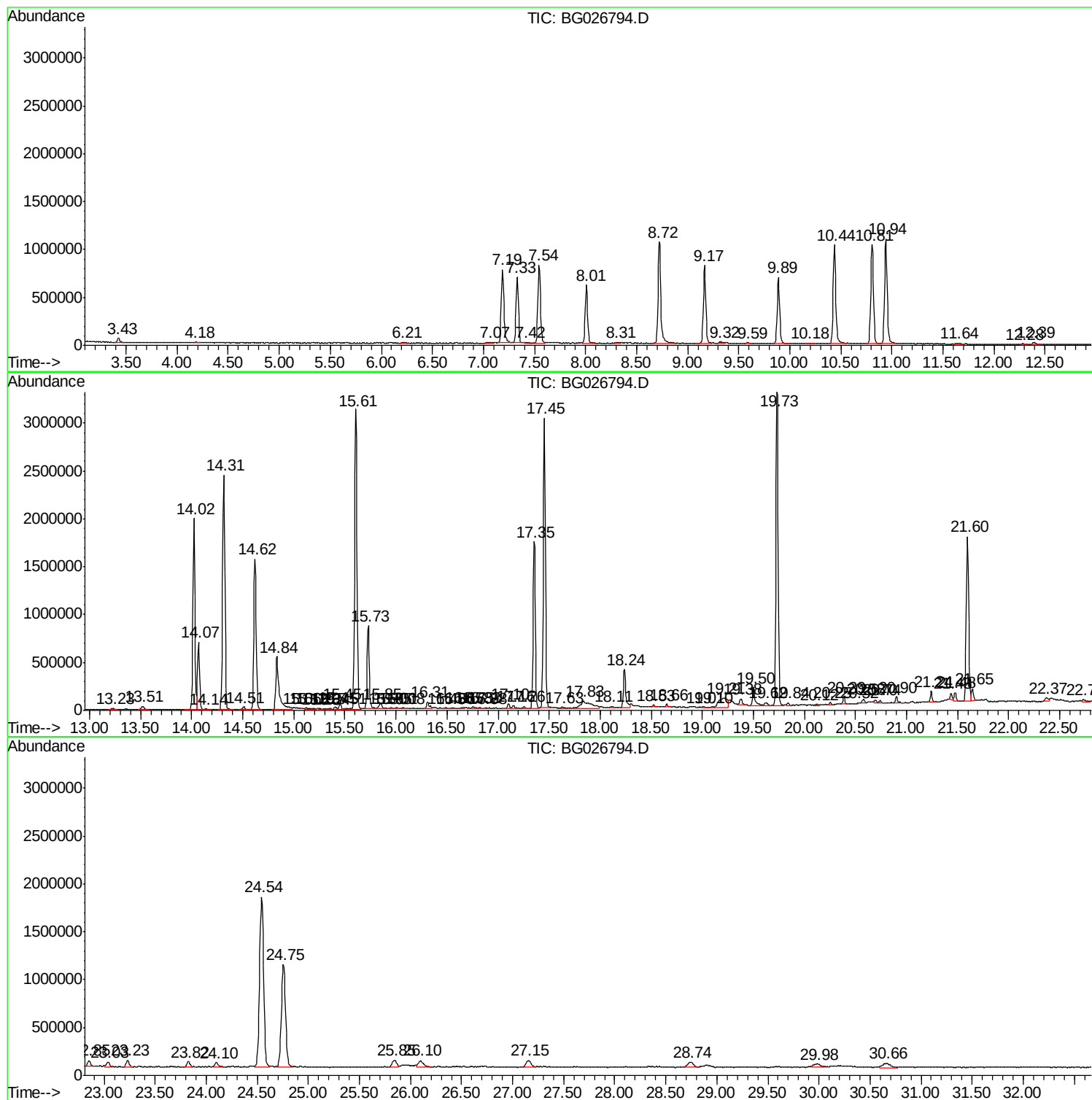
Sum of corrected areas: 62917218

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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



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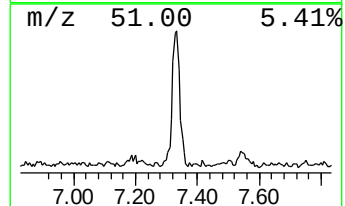
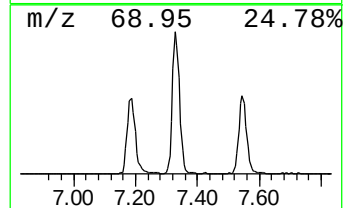
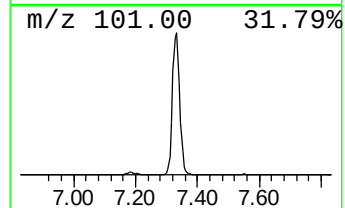
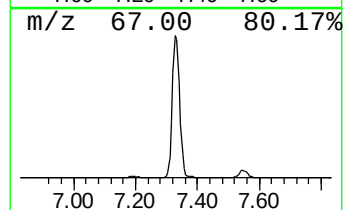
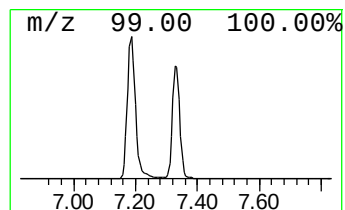
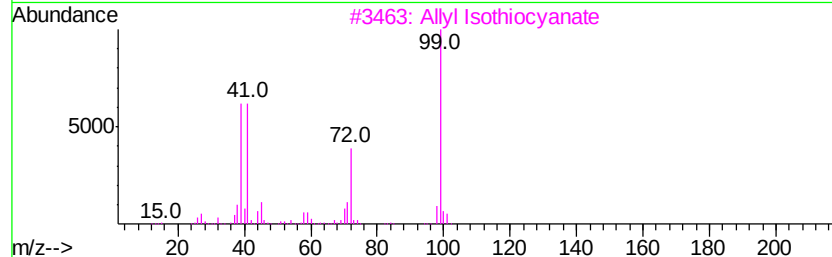
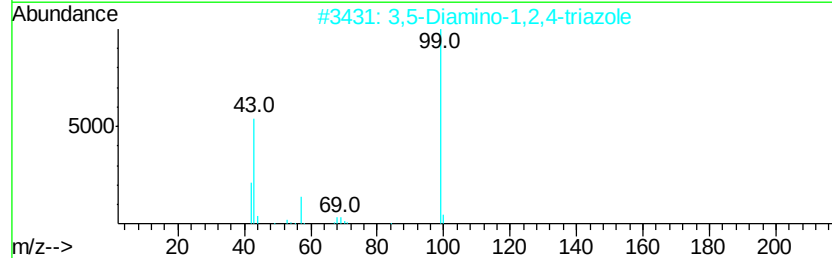
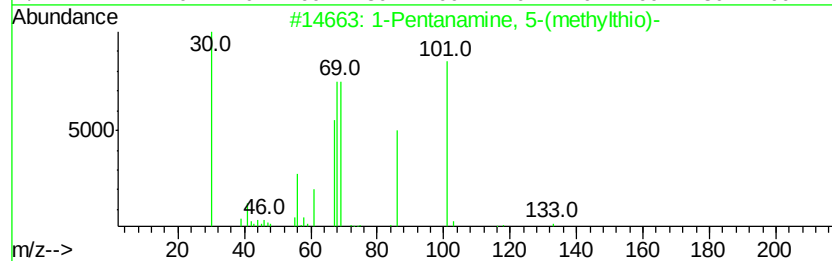
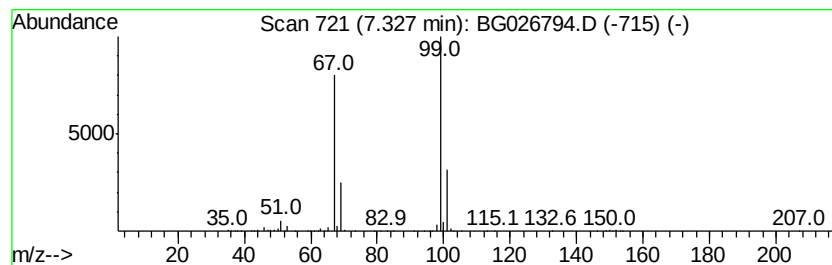
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.33	21.88 ng/ul	1146260	1,4-Dichlorobenzene-d4	8.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
3	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	7
4	Succinimide	99	C4H5NO2	000123-56-8	5
5	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	5



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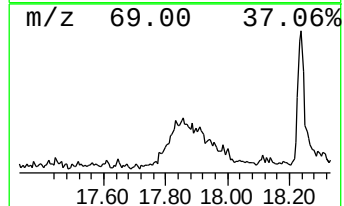
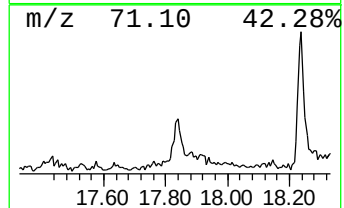
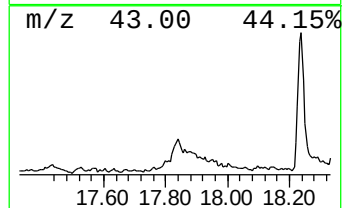
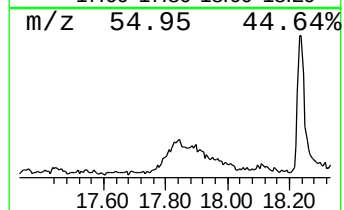
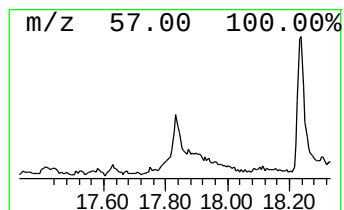
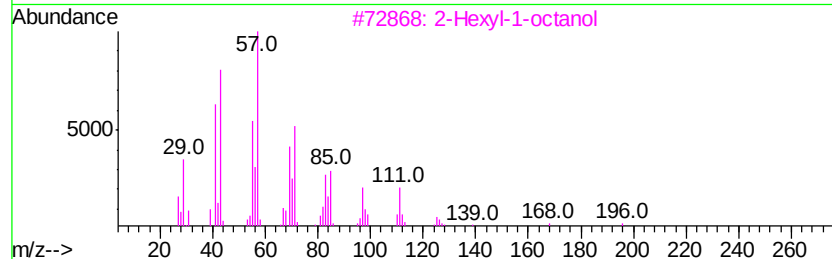
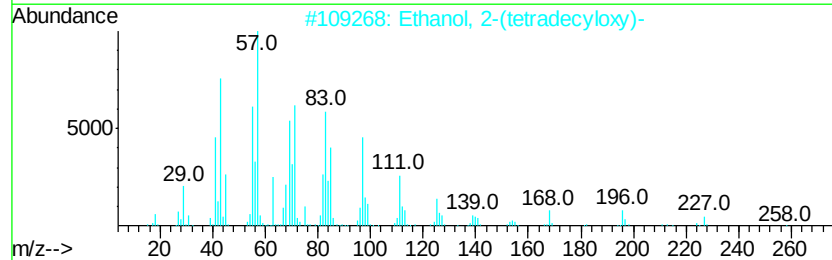
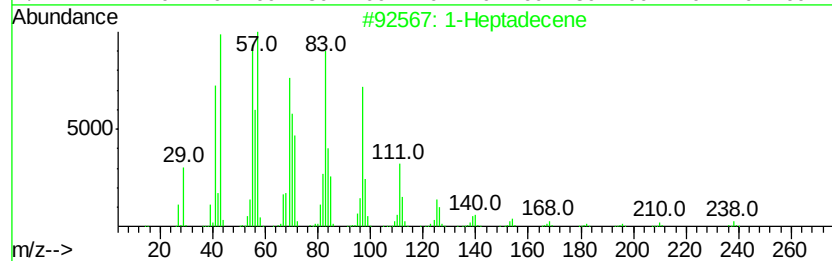
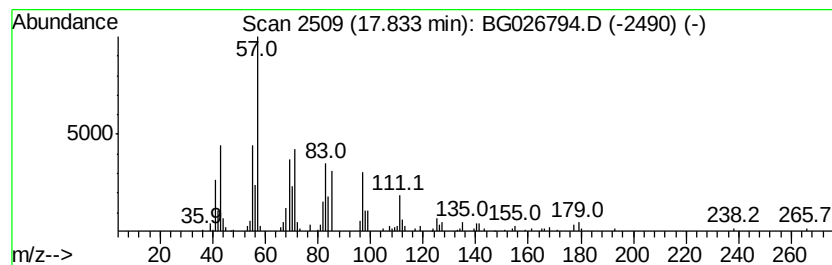
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic17.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.83	4.00 ng/ul	540884	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	98
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	91
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90



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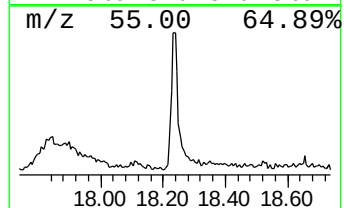
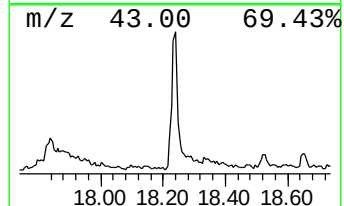
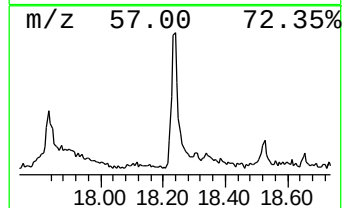
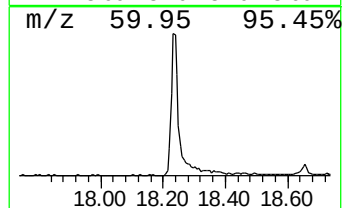
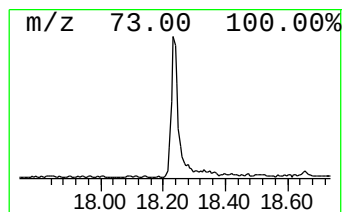
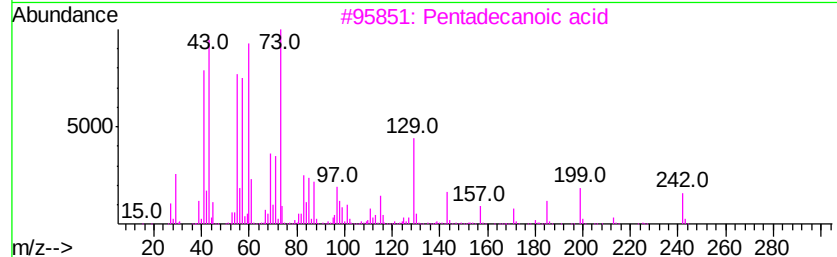
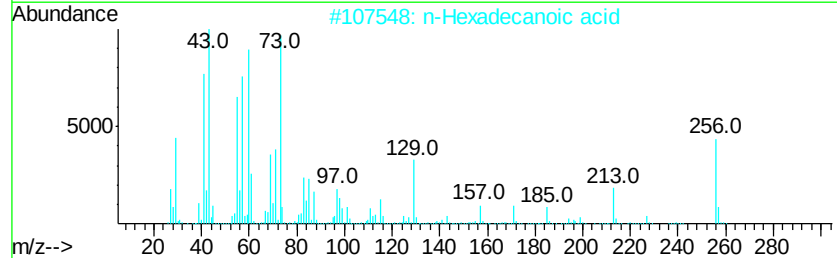
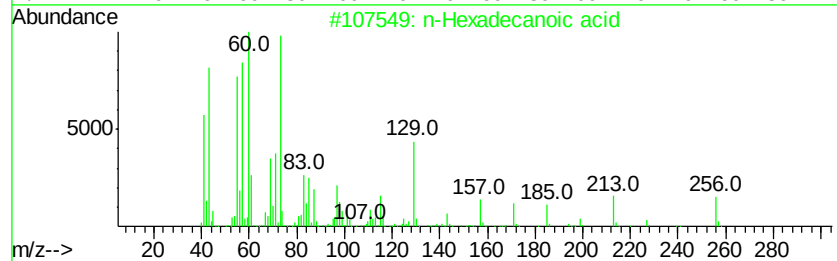
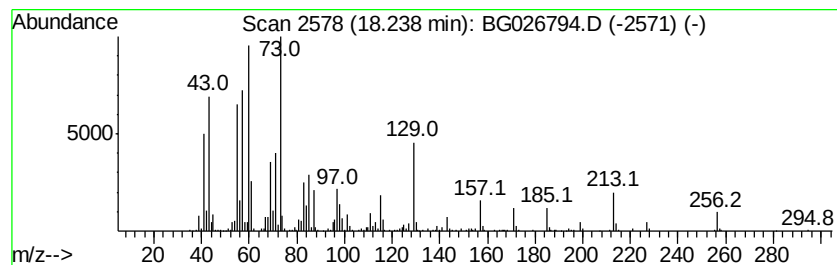
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.24	4.82 ng/ul	651468	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	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
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Acq On : 1 May 2017 4:47
Operator : SJ/MA
Sample : I2846-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

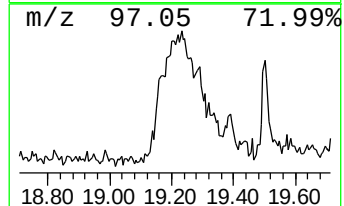
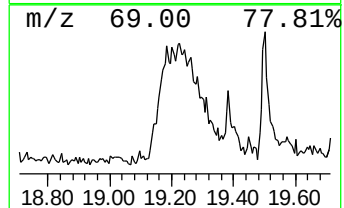
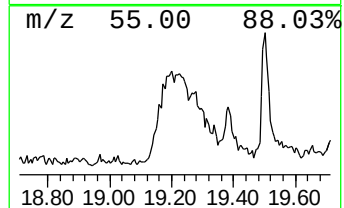
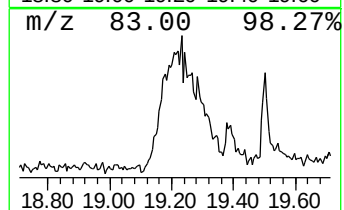
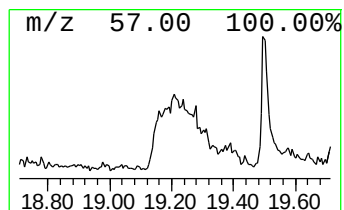
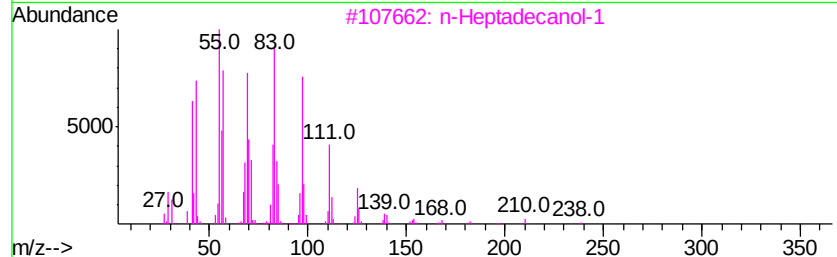
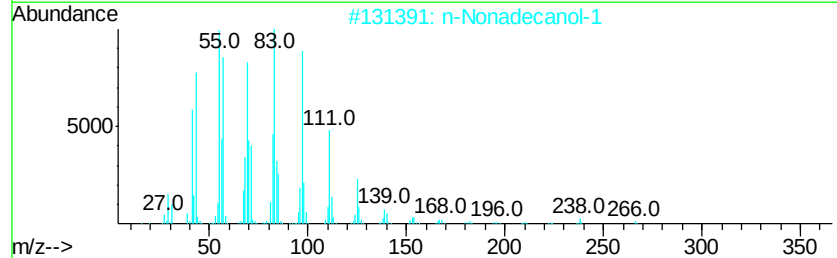
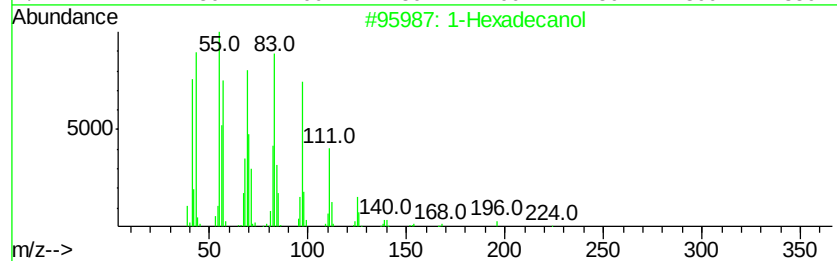
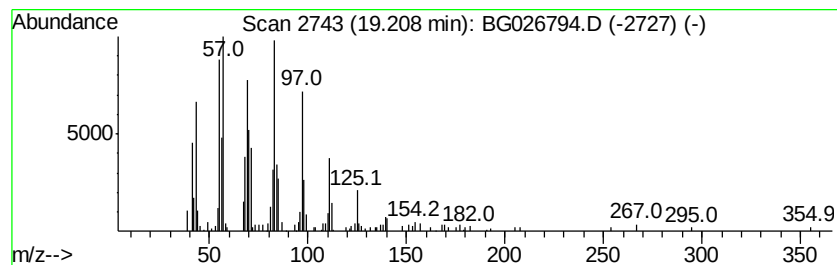
Instrument :
BNA_G
ClientSampleId :
JHT00

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 1-Hexadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.21	4.15 ng/ul	561332	Phenanthrene-d10		17.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	93
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3			n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91



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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT00

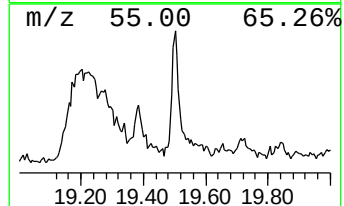
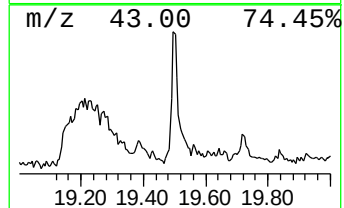
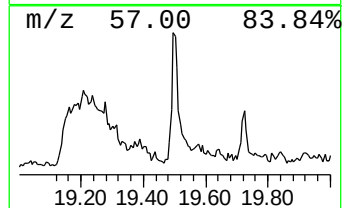
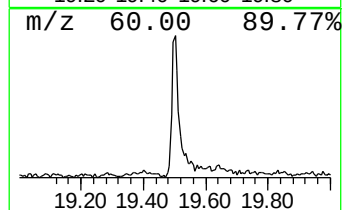
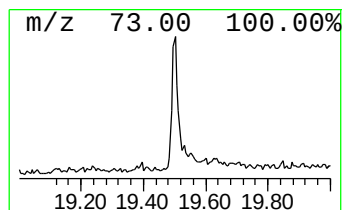
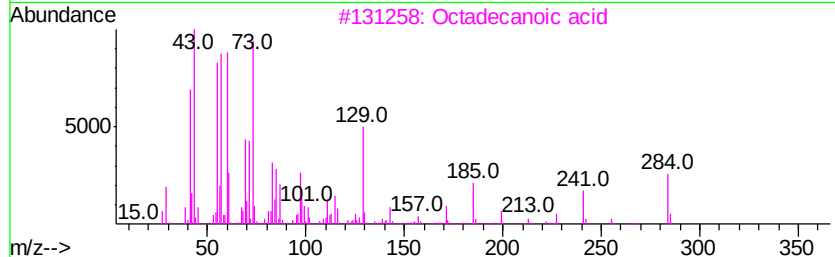
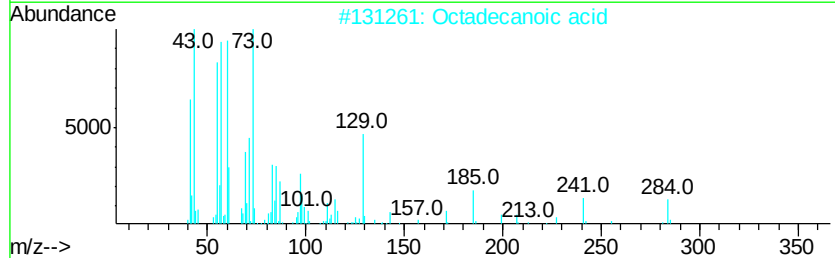
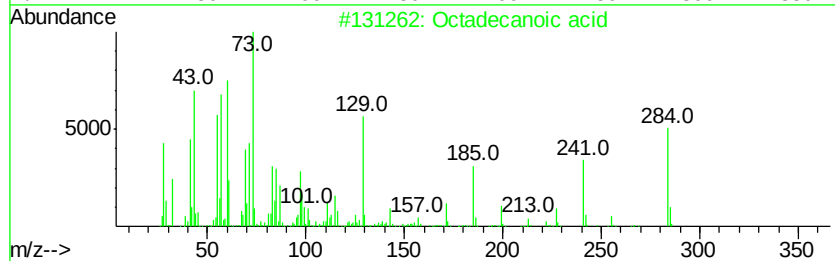
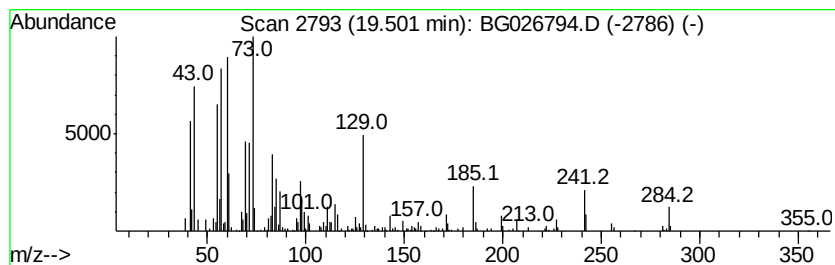
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.65 ng/ul	370499	Chrysene-d12	21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT00

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
unknown-01	7.33	21.9	ng/ul	1146260	1	8.01	1047940	20.0
(DEL) Alkane: Cyc...	17.83	4.0	ng/ul	540884	4	17.35	2703480	20.0
n-Hexadecanoic acid	18.24	4.8	ng/ul	651468	4	17.35	2703480	20.0
1-Hexadecanol	19.21	4.2	ng/ul	561332	4	17.35	2703480	20.0
Octadecanoic acid	19.50	2.6	ng/ul	370499	5	21.60	2794200	20.0