

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051517\
 Data File : BG026961.D
 Acq On : 15 May 2017 19:54
 Operator : SJ/MA
 Sample : I3129-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCF7

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	3.118	3	5	9	rVB4	6113	7677	0.27%	0.021%
2	3.424	52	57	67	rVB	37144	58848	2.04%	0.160%
3	3.894	133	137	141	rBV5	6486	8054	0.28%	0.022%
4	4.123	170	176	182	rBV8	3453	8413	0.29%	0.023%
5	4.505	234	241	252	rBV3	19508	36861	1.28%	0.100%
6	4.634	259	263	266	rVB5	5982	5657	0.20%	0.015%
7	5.104	337	343	355	rBV	166758	268987	9.34%	0.732%
8	5.304	372	377	382	rVB5	2511	5960	0.21%	0.016%
9	6.632	600	603	610	rVV8	4748	9100	0.32%	0.025%
10	7.190	681	698	714	rBV2	102718	264337	9.18%	0.719%
11	7.325	714	721	734	rVV	412171	705504	24.50%	1.919%
12	7.425	734	738	748	rVB6	5147	12370	0.43%	0.034%
13	7.542	748	758	774	rBV	434581	790846	27.46%	2.151%
14	8.007	826	837	852	rBV	563419	975709	33.88%	2.654%
15	8.453	908	913	920	rVB6	2288	6647	0.23%	0.018%
16	8.723	945	959	985	rBV	312877	653837	22.70%	1.779%
17	9.164	1025	1034	1055	rBV	486326	884472	30.71%	2.406%
18	9.329	1055	1062	1065	rBV5	4101	7701	0.27%	0.021%
19	9.452	1078	1083	1088	rVB6	2785	5851	0.20%	0.016%
20	9.575	1099	1104	1110	rBV6	4441	9272	0.32%	0.025%
21	9.887	1149	1157	1169	rBV	391640	718883	24.96%	1.955%
22	10.439	1243	1251	1280	rBV	524465	1149571	39.92%	3.127%
23	10.803	1300	1313	1326	rBV	955800	1655627	57.49%	4.504%
24	10.962	1336	1340	1350	rVB7	5284	15630	0.54%	0.043%
25	12.313	1561	1570	1579	rBV2	55499	109298	3.80%	0.297%
26	12.390	1579	1583	1593	rVB4	12180	22864	0.79%	0.062%
27	13.248	1720	1729	1740	rVB3	10985	31708	1.10%	0.086%
28	13.594	1781	1788	1798	rVB8	4405	10730	0.37%	0.029%
29	14.017	1852	1860	1865	rVV	1233760	1789847	62.15%	4.869%
30	14.064	1865	1868	1876	rVB	95493	134755	4.68%	0.367%
31	14.311	1901	1910	1927	rBV	1415781	2206457	76.62%	6.002%
32	14.505	1937	1943	1949	rBV3	12520	18512	0.64%	0.050%
33	14.617	1953	1962	1976	rBV2	1316782	2195869	76.25%	5.973%
34	14.869	1998	2005	2017	rVV5	29995	103131	3.58%	0.281%

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35	15.040	2030	2034	2040	rVB8	7168	15724	0.55%	0.043%
36	15.116	2044	2047	2055	rVV7	4942	9132	0.32%	0.025%
37	15.186	2055	2059	2064	rVB5	4616	7331	0.25%	0.020%
38	15.339	2082	2085	2091	rBV5	6056	9438	0.33%	0.026%
39	15.398	2091	2095	2099	rBV2	7451	13994	0.49%	0.038%
40	15.451	2099	2104	2110	rVB	41143	53814	1.87%	0.146%
41	15.510	2110	2114	2118	rVB6	5815	7980	0.28%	0.022%
42	15.604	2118	2130	2145	rBV	1833736	2845714	98.82%	7.741%
43	15.733	2145	2152	2165	rBV	350248	551290	19.14%	1.500%
44	15.844	2166	2171	2177	rVV6	35238	74189	2.58%	0.202%
45	15.886	2177	2178	2184	rVV5	5880	8035	0.28%	0.022%
46	15.944	2184	2188	2193	rVV6	7552	11860	0.41%	0.032%
47	16.003	2193	2198	2203	rVV4	9566	14056	0.49%	0.038%
48	16.068	2203	2209	2214	rVV5	7129	11163	0.39%	0.030%
49	16.179	2222	2228	2237	rBV9	5959	13753	0.48%	0.037%
50	16.262	2237	2242	2245	rBV7	4704	5768	0.20%	0.016%
51	16.309	2245	2250	2258	rBV	60962	113487	3.94%	0.309%
52	16.373	2260	2261	2266	rVB4	6423	7080	0.25%	0.019%
53	16.485	2276	2280	2287	rVB8	4937	7204	0.25%	0.020%
54	16.555	2288	2292	2297	rBV7	3757	7148	0.25%	0.019%
55	16.644	2302	2307	2316	rBV8	9254	20481	0.71%	0.056%
56	16.761	2322	2327	2332	rVB6	8533	13375	0.46%	0.036%
57	16.814	2332	2336	2342	rBV6	6043	10308	0.36%	0.028%
58	16.879	2342	2347	2349	rBV6	7241	7720	0.27%	0.021%
59	17.096	2380	2384	2388	rVV	39213	51072	1.77%	0.139%
60	17.149	2388	2393	2404	rVB5	18247	39441	1.37%	0.107%
61	17.255	2404	2411	2417	rVB10	4467	9626	0.33%	0.026%
62	17.354	2419	2428	2437	rBV	1532816	2316128	80.43%	6.300%
63	17.454	2437	2445	2454	rVV2	1814659	2805169	97.41%	7.630%
64	17.572	2462	2465	2471	rVB8	5348	7439	0.26%	0.020%
65	17.619	2471	2473	2480	rVB7	4810	8549	0.30%	0.023%
66	17.748	2491	2495	2499	rVV5	3170	5774	0.20%	0.016%
67	17.830	2504	2509	2513	rVB2	16874	21138	0.73%	0.057%
68	18.001	2534	2538	2544	rVB6	11401	14579	0.51%	0.040%
69	18.230	2568	2577	2587	rBV2	159037	286963	9.96%	0.781%
70	18.518	2621	2626	2627	rBV4	5975	7591	0.26%	0.021%
71	18.894	2688	2690	2694	rBV5	5107	6622	0.23%	0.018%

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72	19.147	2731	2733	2739	rBV7	6694	8822	0.31%	0.024%
73	19.299	2751	2759	2764	rBV7	20499	36547	1.27%	0.099%
74	19.370	2765	2771	2777	rBV	29322	69117	2.40%	0.188%
75	19.423	2777	2780	2786	rVB8	11988	20563	0.71%	0.056%
76	19.499	2788	2793	2805	rBV2	166909	296586	10.30%	0.807%
77	19.622	2809	2814	2823	rVB4	21854	47541	1.65%	0.129%
78	19.734	2826	2833	2844	rBV	1968810	2879824	100.00%	7.833%
79	20.098	2891	2895	2898	rBV5	6048	11926	0.41%	0.032%
80	20.245	2918	2920	2925	rBV5	6880	8875	0.31%	0.024%
81	20.427	2948	2951	2953	rBV4	6316	7989	0.28%	0.022%
82	20.521	2961	2967	2971	rBV9	10787	21572	0.75%	0.059%
83	20.633	2985	2986	2990	rBV4	8287	8270	0.29%	0.022%
84	20.733	2999	3003	3009	rVB5	15946	25660	0.89%	0.070%
85	21.162	3071	3076	3080	rBV7	11077	18857	0.65%	0.051%
86	21.473	3124	3129	3135	rBV	57033	83578	2.90%	0.227%
87	21.597	3143	3150	3168	rVB	1453107	2371392	82.35%	6.450%
88	21.732	3170	3173	3177	rBV6	8534	13706	0.48%	0.037%
89	22.366	3278	3281	3285	rBV6	21279	31689	1.10%	0.086%
90	22.425	3286	3291	3296	rVB8	25245	50359	1.75%	0.137%
91	22.731	3340	3343	3349	rVB6	20002	31227	1.08%	0.085%
92	23.036	3391	3395	3404	rVB7	30821	68164	2.37%	0.185%
93	23.817	3521	3528	3539	rVB3	56290	140418	4.88%	0.382%
94	24.546	3641	3652	3676	rBV2	870224	2706606	93.99%	7.362%
95	24.763	3677	3689	3707	rBV	762346	2455743	85.27%	6.680%
96	25.833	3864	3871	3880	rBV3	57939	156399	5.43%	0.425%
97	27.143	4086	4094	4107	rVB5	50032	173500	6.02%	0.472%
98	28.735	4355	4365	4382	rVB4	44387	183237	6.36%	0.498%
99	30.645	4681	4690	4704	rVB8	30571	145493	5.05%	0.396%
100	31.209	4774	4786	4804	rVB4	73966	380272	13.20%	1.034%

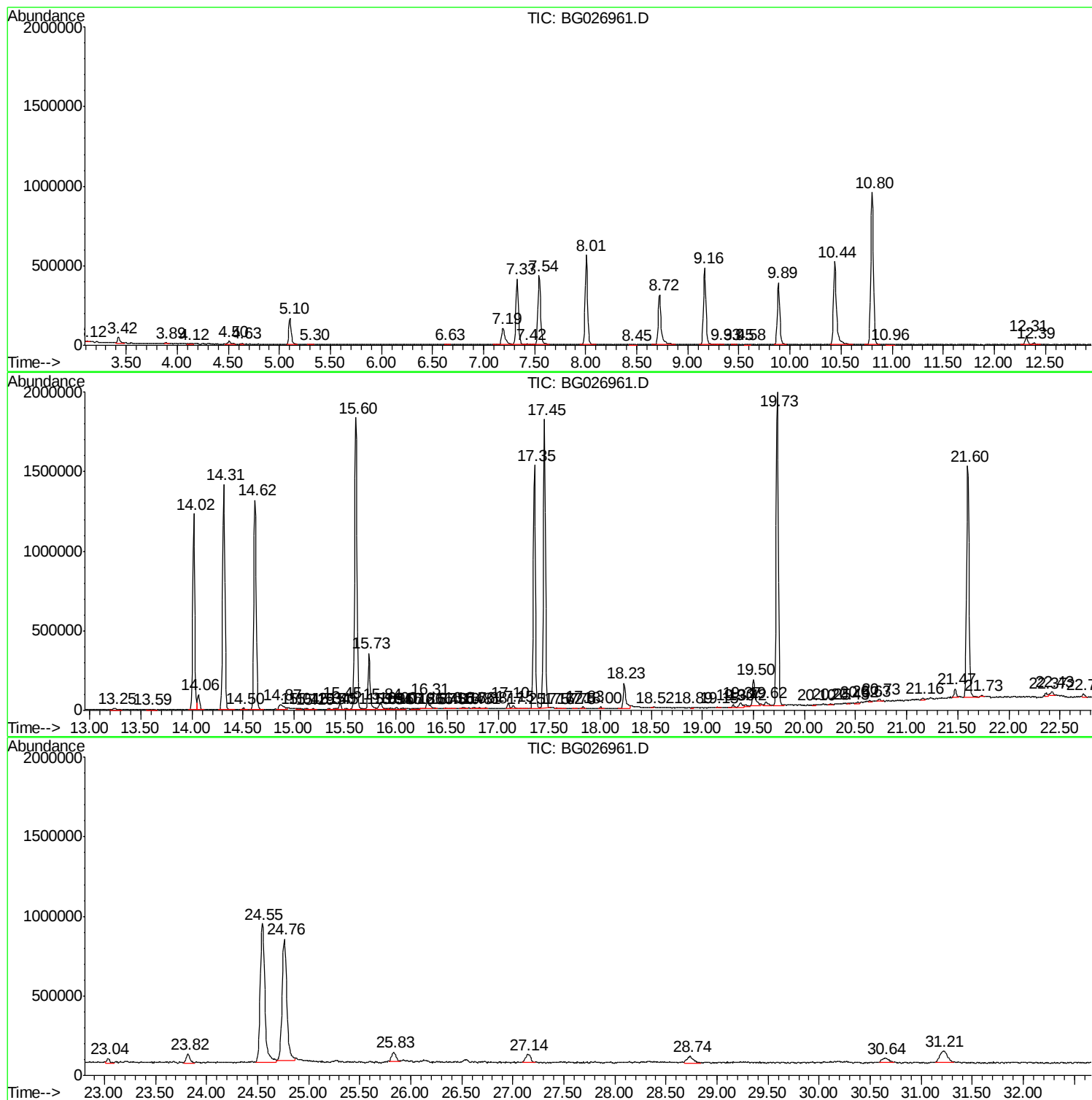
Sum of corrected areas: 36763052

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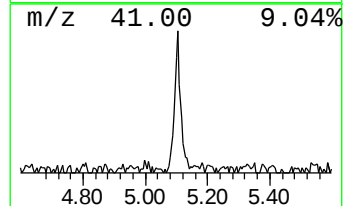
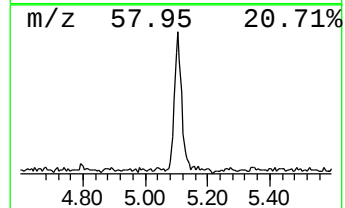
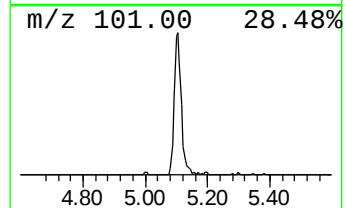
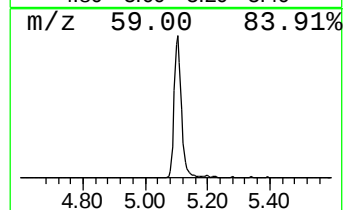
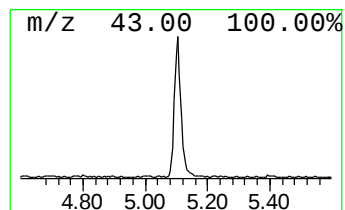
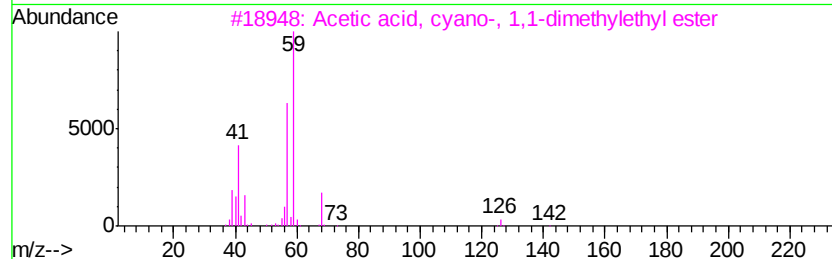
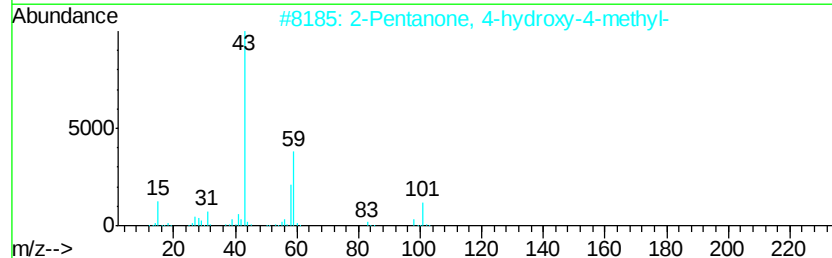
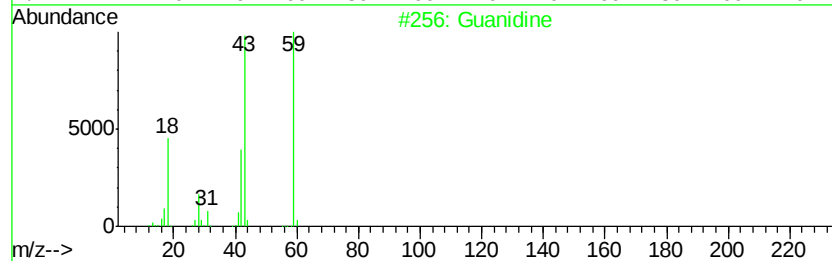
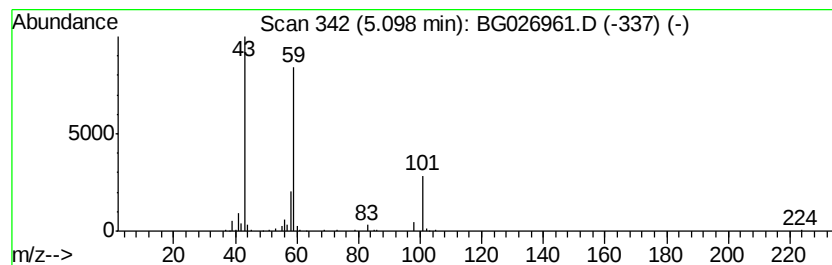
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.10	5.51 ng/ul	268987	1,4-Dichlorobenzene-d4	8.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	37
4	Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25



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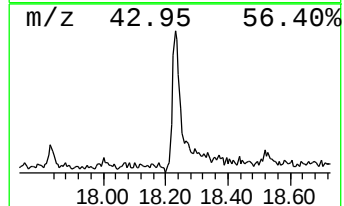
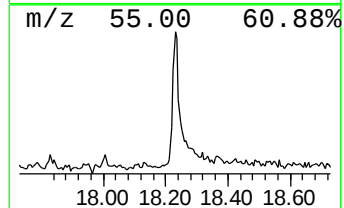
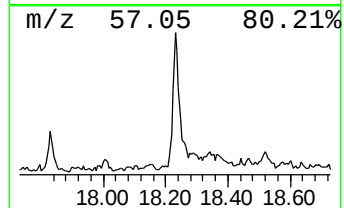
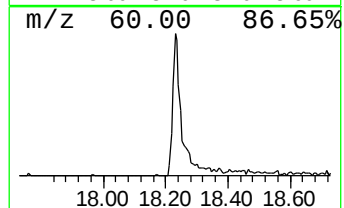
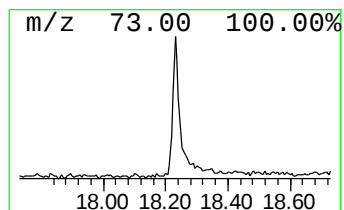
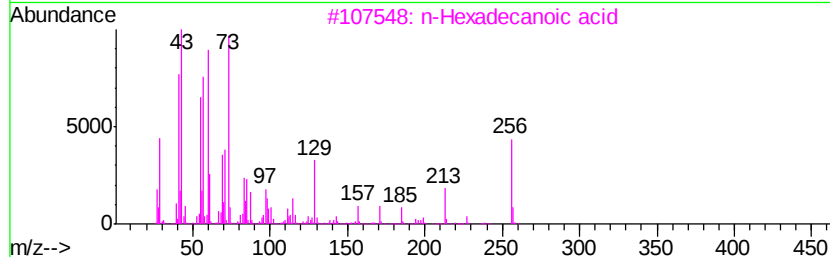
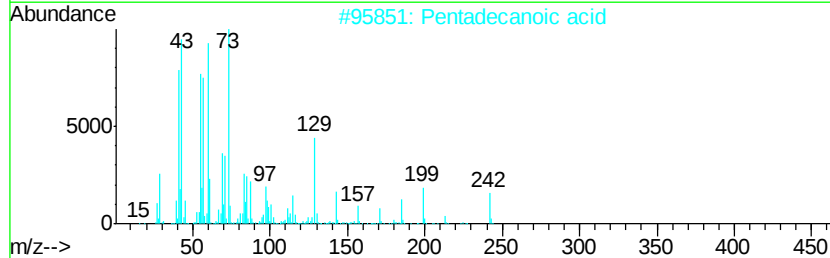
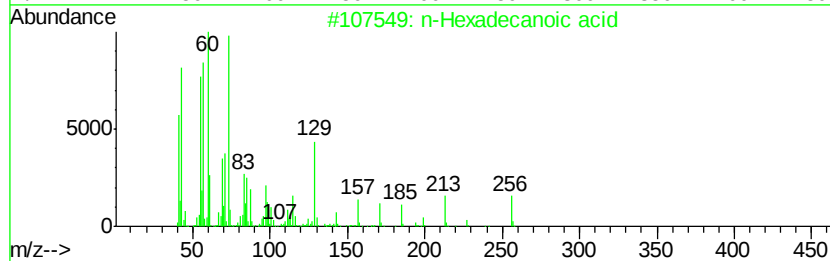
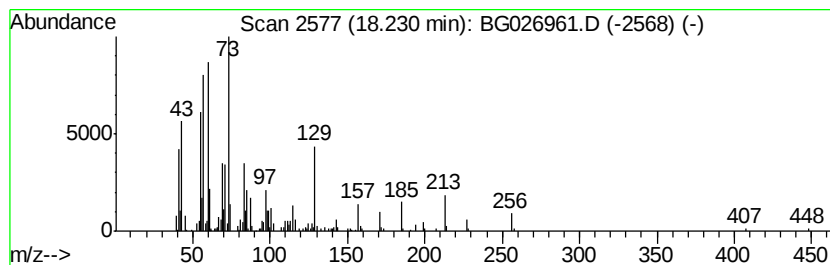
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.48 ng/ul	286963	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	80



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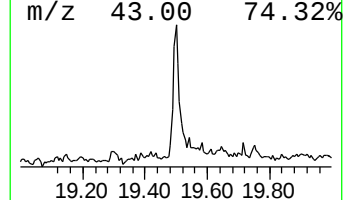
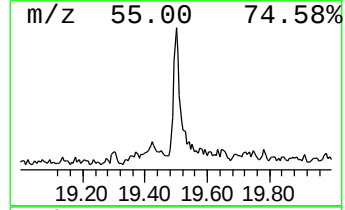
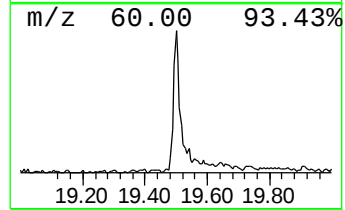
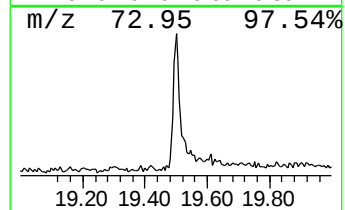
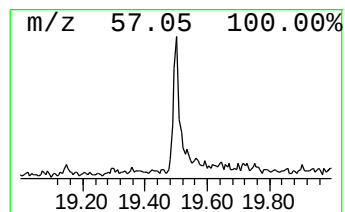
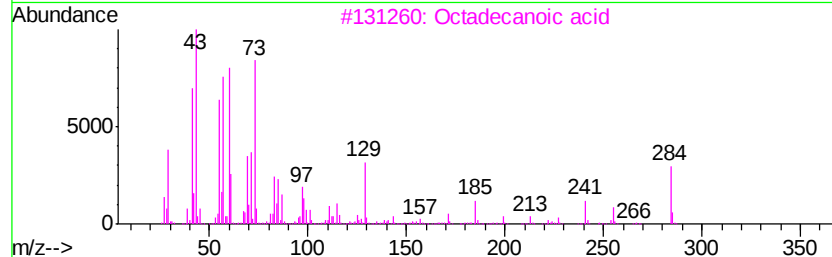
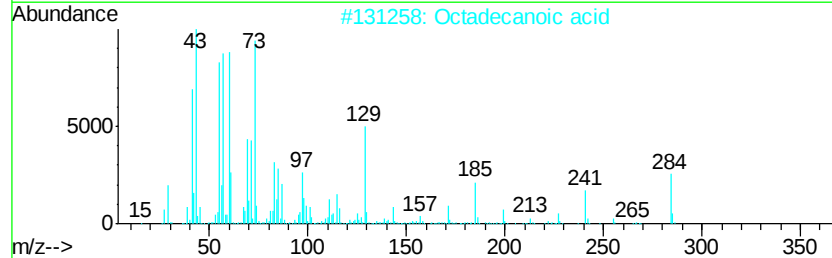
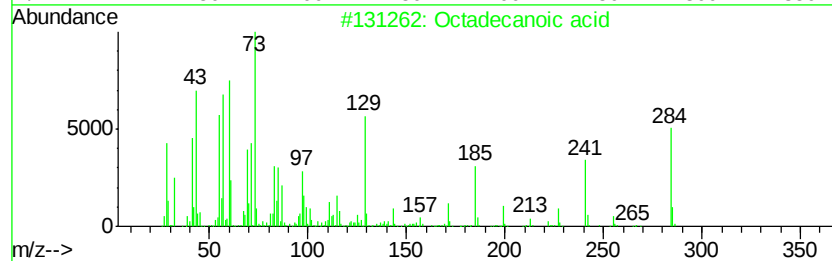
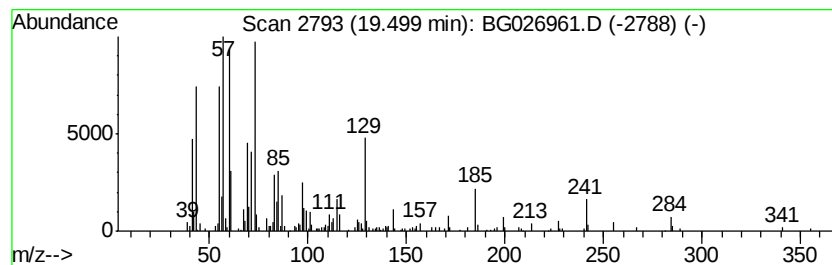
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.50 ng/ul	296586	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051517\
Data File : BG026961.D
Acq On : 15 May 2017 19:54
Operator : SJ/MA
Sample : I3129-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF7

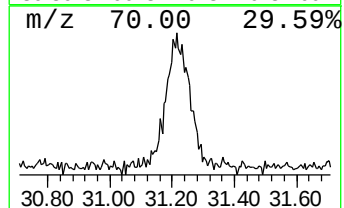
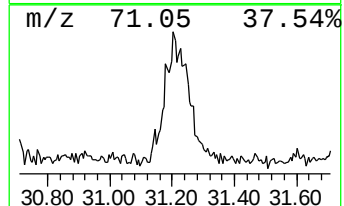
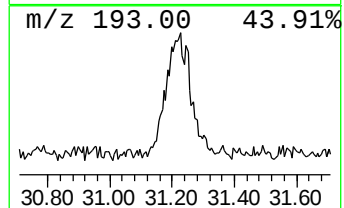
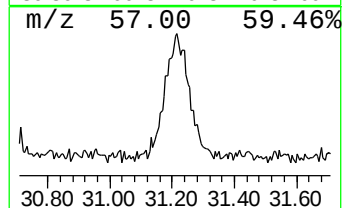
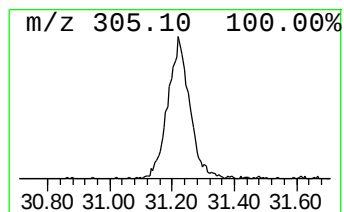
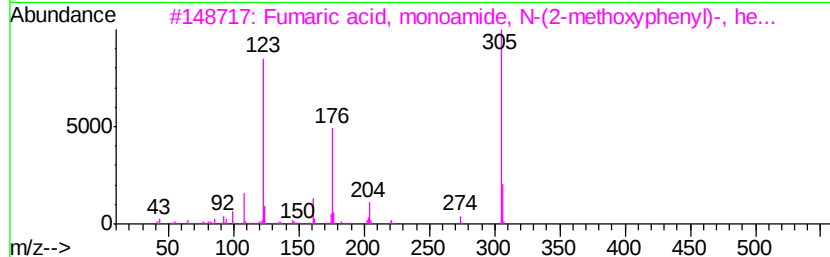
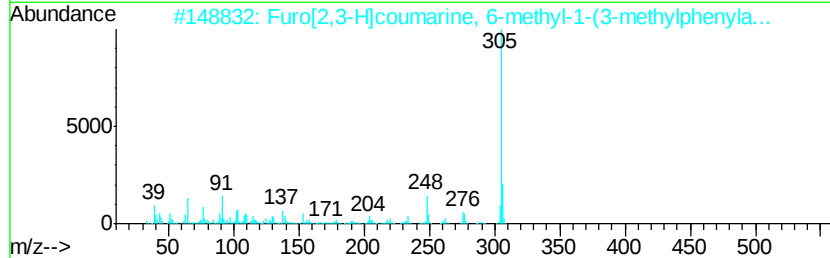
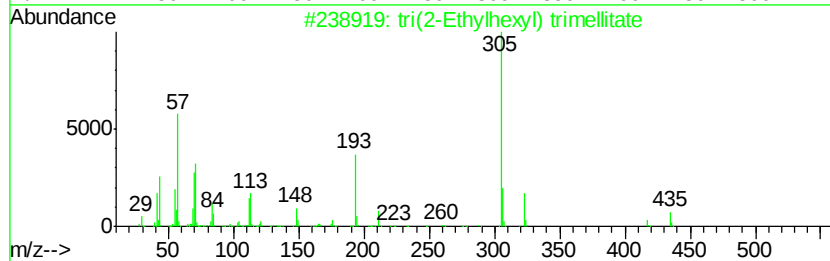
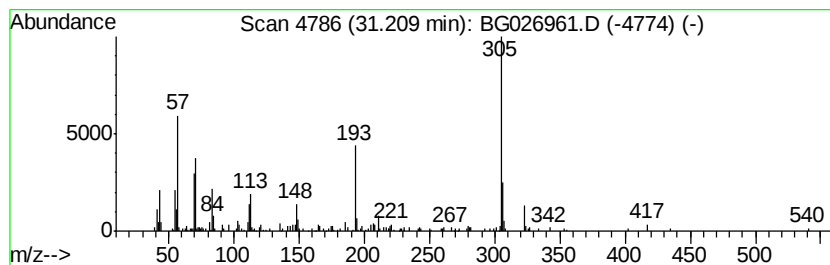
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 tri(2-Ethylhexyl) trimellitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.21	3.10 ng/ul	380272	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	87
2		Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15N03	1000270-15-3	43
3		Fumaric acid, monoamide, N-(2-me...	305	C17H23N04	1000345-42-0	43
4		Ethene, 1-(anthracen-9-yl)-2-(4-...	305	C23H15N	1000163-13-9	37
5		8H-Benzo[g]-1,3-benzodioxolo[6,5...	305	C18H11N04	003912-57-0	37



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051517\
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Acq On : 15 May 2017 19:54
Operator : SJ/MA
Sample : I3129-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCF7

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	5.10	5.5	ng/ul	268987	1	8.01	975709	20.0
n-Hexadecanoic acid	18.23	2.5	ng/ul	286963	4	17.35	2316130	20.0
Octadecanoic acid	19.50	2.5	ng/ul	296586	5	21.60	2371390	20.0
tri(2-Ethylhexyl)...	31.21	3.1	ng/ul	380272	6	24.76	2455740	20.0