

Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
 Data File : BG028363.D
 Acq On : 16 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4672-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ0

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-BG080217.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	3.847	40	44	53	rVB4	10475	16815	0.94%	0.088%
2	4.052	75	79	81	rVB4	2230	3474	0.19%	0.018%
3	4.252	110	113	120	rVB6	3464	5569	0.31%	0.029%
4	4.352	124	130	137	rVB	18524	29665	1.66%	0.155%
5	4.428	138	143	147	rBV6	3043	4816	0.27%	0.025%
6	4.934	226	229	237	rVB4	3894	6692	0.37%	0.035%
7	5.116	256	260	266	rVB6	5480	6989	0.39%	0.037%
8	5.480	317	322	327	rBV7	3896	6454	0.36%	0.034%
9	5.551	330	334	341	rVB6	3433	7928	0.44%	0.041%
10	6.003	407	411	416	rVV5	2651	4648	0.26%	0.024%
11	6.561	505	506	515	rVB4	2034	4013	0.22%	0.021%
12	6.990	575	579	585	rVV3	2272	3679	0.21%	0.019%
13	7.196	609	614	618	rBV5	2217	4544	0.25%	0.024%
14	7.513	659	668	687	rBV	204219	418058	23.40%	2.185%
15	7.672	687	695	706	rBV	145118	252111	14.11%	1.318%
16	7.772	709	712	718	rVB3	2340	3999	0.22%	0.021%
17	7.895	726	733	741	rBV	206289	369787	20.69%	1.933%
18	8.359	805	812	822	rVB	192009	339697	19.01%	1.776%
19	9.058	922	931	940	rBV	248630	464923	26.02%	2.430%
20	9.299	967	972	974	rBV4	2723	3523	0.20%	0.018%
21	9.528	1002	1011	1021	rBV2	202346	391186	21.89%	2.045%
22	9.622	1023	1027	1031	rBV5	2914	3500	0.20%	0.018%
23	9.881	1068	1071	1078	rVB4	3564	5745	0.32%	0.030%
24	10.128	1108	1113	1117	rBV4	1720	3689	0.21%	0.019%
25	10.251	1124	1134	1147	rBV	182197	348971	19.53%	1.824%
26	10.339	1147	1149	1156	rVB3	2164	3848	0.22%	0.020%
27	10.797	1217	1227	1239	rBV	277149	528714	29.59%	2.764%
28	11.109	1275	1280	1284	rVB5	4464	7035	0.39%	0.037%
29	11.179	1284	1292	1308	rBV	270248	520543	29.13%	2.721%
30	11.309	1308	1314	1327	rBV	122860	266136	14.89%	1.391%
31	11.626	1364	1368	1372	rBV3	2085	4085	0.23%	0.021%
32	12.031	1433	1437	1441	rVB3	2192	3649	0.20%	0.019%
33	12.537	1518	1523	1530	rVB6	6450	13429	0.75%	0.070%
34	12.625	1530	1538	1543	rBV5	4224	9699	0.54%	0.051%

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35	12.736	1553	1557	1563	rVB4	4856	7776	0.44%	0.041%
36	12.807	1564	1569	1577	rVB4	4994	11209	0.63%	0.059%
37	13.024	1602	1606	1609	rVB4	4330	6109	0.34%	0.032%
38	13.318	1648	1656	1662	rBV5	3385	7959	0.45%	0.042%
39	13.424	1669	1674	1676	rVB4	2738	4495	0.25%	0.023%
40	13.471	1676	1682	1685	rBV2	2203	4878	0.27%	0.026%
41	13.553	1688	1696	1704	rBV4	6340	12388	0.69%	0.065%
42	13.753	1724	1730	1735	rBV4	7711	13084	0.73%	0.068%
43	13.829	1740	1743	1750	rVB5	2850	5628	0.31%	0.029%
44	14.135	1787	1795	1799	rBV4	3077	7285	0.41%	0.038%
45	14.217	1803	1809	1810	rVB3	2457	3862	0.22%	0.020%
46	14.282	1815	1820	1825	rVV4	5209	11078	0.62%	0.058%
47	14.352	1825	1832	1837	rVV	533389	819182	45.85%	4.282%
48	14.399	1837	1840	1855	rVV	194383	270858	15.16%	1.416%
49	14.522	1855	1861	1866	rVV5	3377	6871	0.38%	0.036%
50	14.663	1874	1885	1895	rBV	547662	901242	50.44%	4.711%
51	14.810	1904	1910	1916	rBV4	10655	15872	0.89%	0.083%
52	14.969	1926	1937	1944	rBV2	408168	717010	40.13%	3.748%
53	15.022	1944	1946	1953	rVB3	9619	14973	0.84%	0.078%
54	15.169	1962	1971	1990	rBV	152429	352193	19.71%	1.841%
55	15.310	1992	1995	1999	rBV6	13117	21002	1.18%	0.110%
56	15.369	2000	2005	2010	rVB6	14610	24625	1.38%	0.129%
57	15.427	2013	2015	2020	rVB5	5313	5332	0.30%	0.028%
58	15.498	2025	2027	2031	rVB4	3207	3771	0.21%	0.020%
59	15.627	2046	2049	2055	rVB7	3778	6105	0.34%	0.032%
60	15.721	2060	2065	2069	rVV	72272	98662	5.52%	0.516%
61	15.762	2069	2072	2078	rVB	21264	31829	1.78%	0.166%
62	15.956	2095	2105	2118	rBV	736038	1201492	67.24%	6.281%
63	16.074	2118	2125	2134	rBV	245532	403293	22.57%	2.108%
64	16.191	2137	2145	2149	rVB7	9613	25356	1.42%	0.133%
65	16.262	2154	2157	2160	rBV4	4082	6499	0.36%	0.034%
66	16.309	2160	2165	2169	rVV5	5006	11022	0.62%	0.058%
67	16.391	2174	2179	2182	rVB5	5679	7168	0.40%	0.037%
68	16.450	2185	2189	2193	rVB7	5149	7019	0.39%	0.037%
69	16.626	2213	2219	2231	rBV4	27569	77728	4.35%	0.406%
70	16.908	2265	2267	2271	rVV5	5377	5305	0.30%	0.028%
71	16.973	2275	2278	2282	rBV6	4817	7103	0.40%	0.037%

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72	17.078	2291	2296	2301	rBV7	9048	14991	0.84%	0.078%
73	17.196	2314	2316	2320	rBV3	4900	5905	0.33%	0.031%
74	17.231	2321	2322	2324	rBV2	6747	4025	0.23%	0.021%
75	17.360	2338	2344	2349	rBV6	6045	13369	0.75%	0.070%
76	17.419	2349	2354	2359	rBV4	21684	34660	1.94%	0.181%
77	17.466	2359	2362	2370	rVB10	9521	18335	1.03%	0.096%
78	17.531	2370	2373	2377	rBV4	7006	11846	0.66%	0.062%
79	17.713	2397	2404	2409	rBV2	524558	855186	47.86%	4.471%
80	17.754	2409	2411	2415	rVV	105730	142961	8.00%	0.747%
81	17.813	2415	2421	2435	rVV	795356	1300168	72.76%	6.797%
82	17.907	2435	2437	2442	rVB5	7601	10757	0.60%	0.056%
83	18.118	2470	2473	2477	rVV5	4924	6095	0.34%	0.032%
84	18.159	2477	2480	2484	rVB3	14591	12216	0.68%	0.064%
85	18.453	2524	2530	2535	rBV9	19592	47379	2.65%	0.248%
86	18.565	2543	2549	2557	rBV3	217660	381617	21.36%	1.995%
87	18.629	2557	2560	2570	rVB3	29527	58607	3.28%	0.306%
88	18.782	2582	2586	2594	rVB5	20222	52715	2.95%	0.276%
89	18.847	2595	2597	2600	rVB4	10151	11263	0.63%	0.059%
90	19.699	2735	2742	2746	rBV4	104912	234595	13.13%	1.226%
91	19.752	2747	2751	2757	rVB	217871	345818	19.35%	1.808%
92	19.822	2758	2763	2774	rVV2	164467	288833	16.16%	1.510%
93	20.092	2802	2809	2821	rBV2	992235	1786850	100.00%	9.341%
94	20.286	2838	2842	2848	rVB7	25795	43489	2.43%	0.227%
95	20.698	2910	2912	2921	rBV6	24620	58272	3.26%	0.305%
96	20.844	2931	2937	2946	rBV2	402787	638009	35.71%	3.335%
97	22.049	3134	3142	3148	rBV2	558875	1111952	62.23%	5.813%
98	24.464	3544	3553	3568	rVB4	89737	431449	24.15%	2.255%
99	25.327	3691	3700	3709	rBV2	419830	1203137	67.33%	6.290%
100	25.568	3733	3741	3753	rVB2	245254	799511	44.74%	4.180%

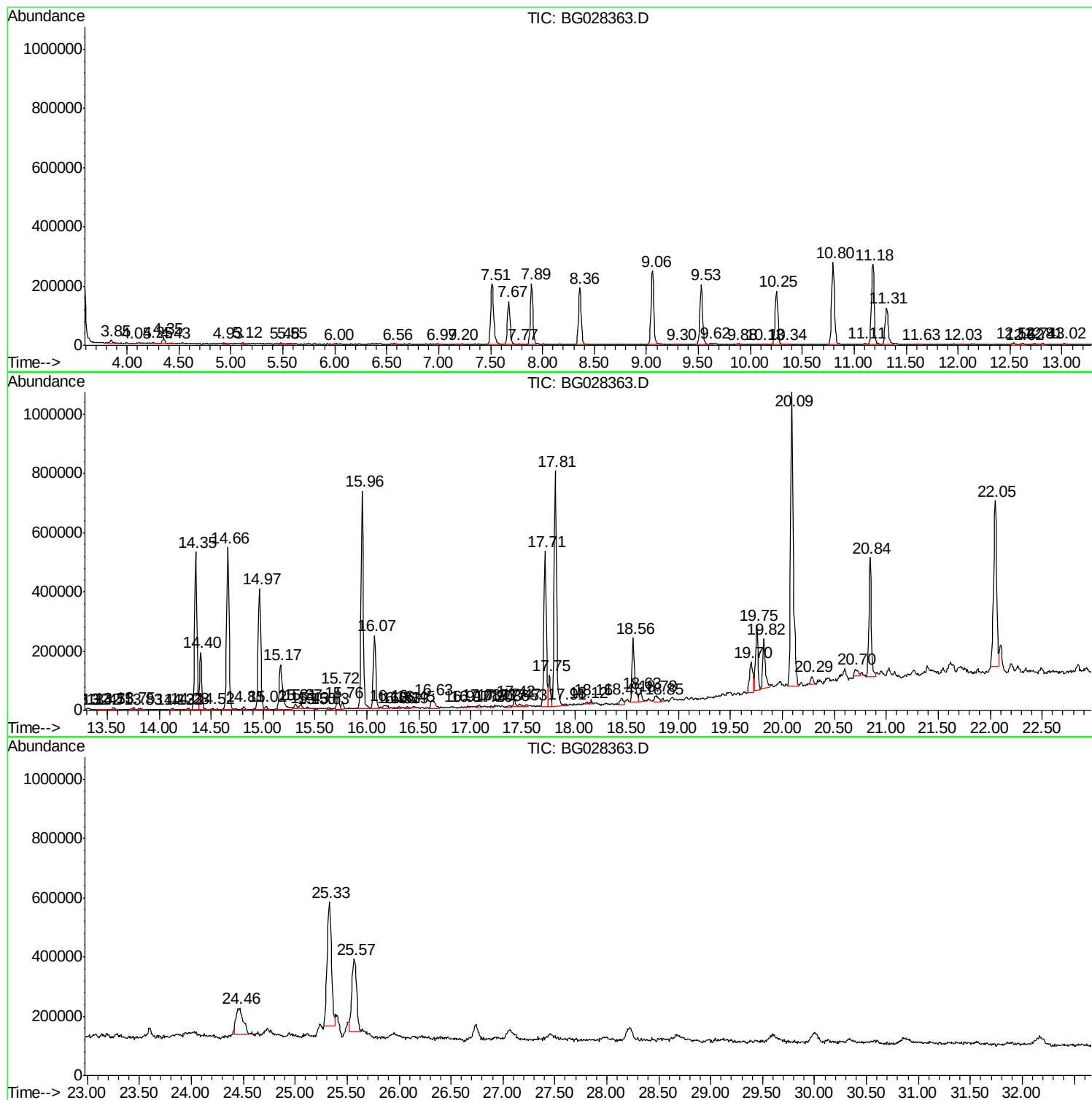
Sum of corrected areas: 19128886

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



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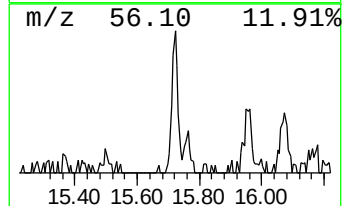
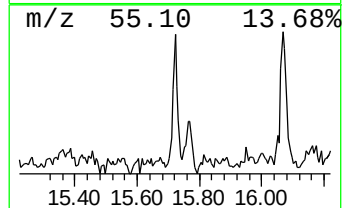
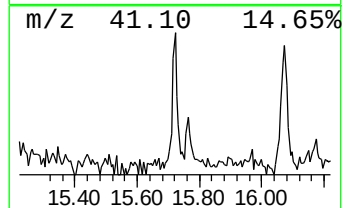
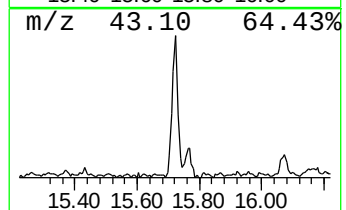
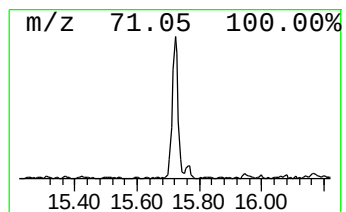
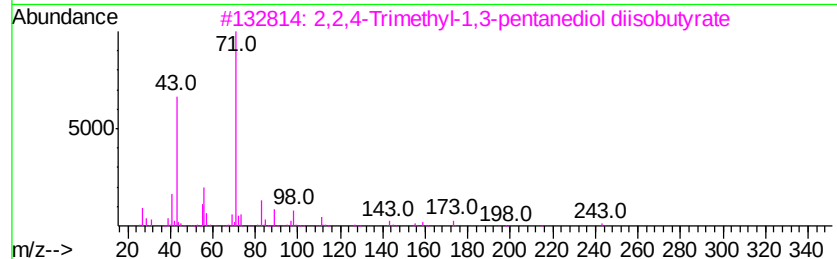
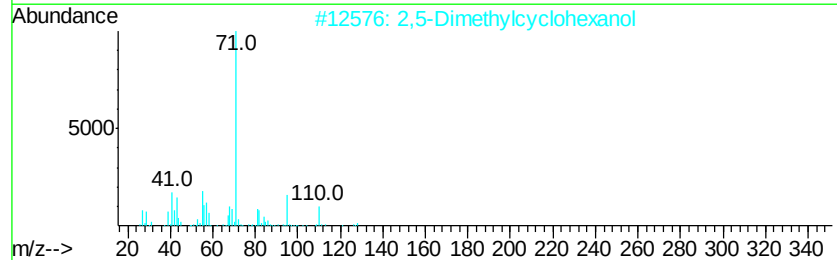
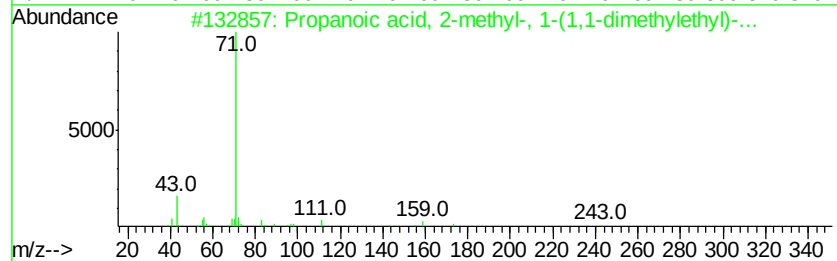
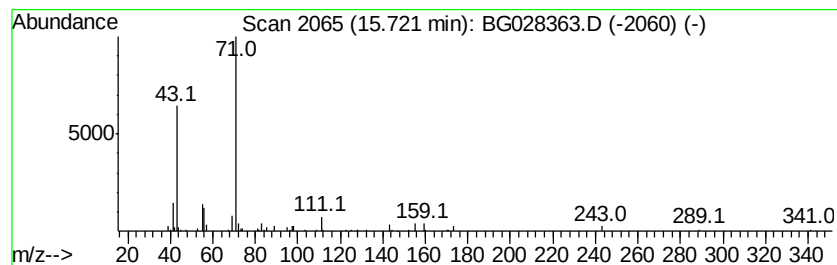
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.75 ng/ul	98662	Acenaphthene-d10	14.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	78
2		2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	64
3		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	50
4		diethyl-2-(tetrahydrofuran-2-yl)...	244	C12H20O5	1000365-67-0	45
5		Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	42



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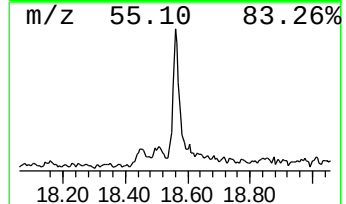
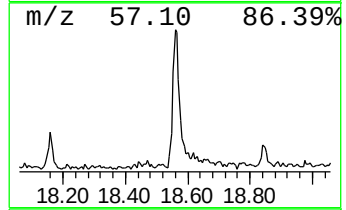
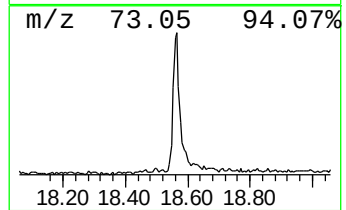
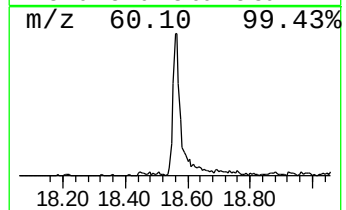
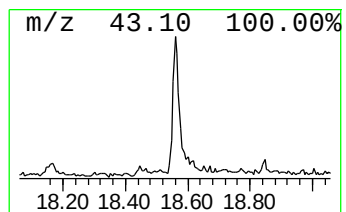
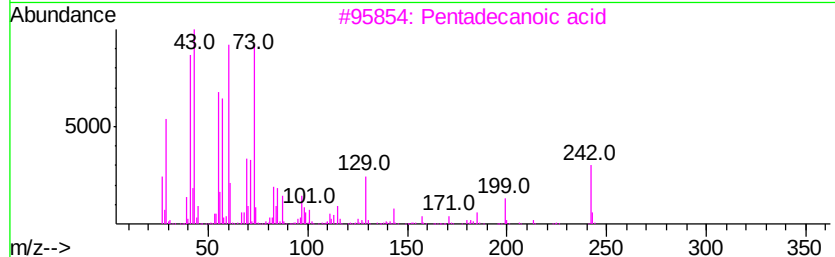
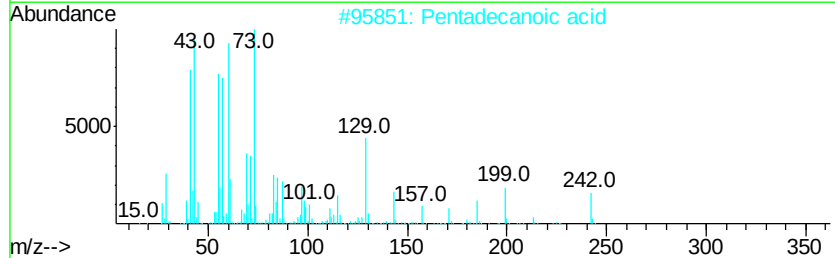
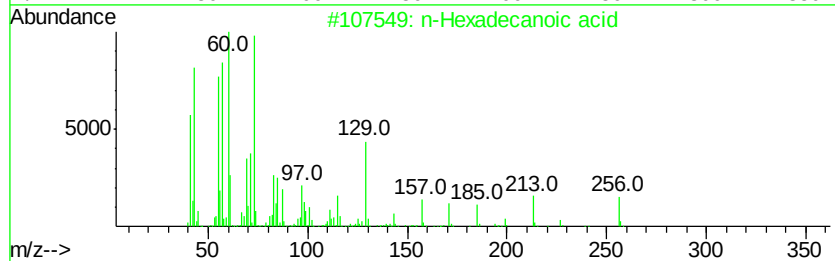
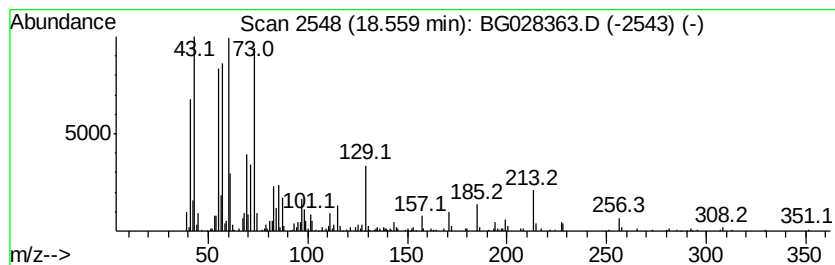
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	8.92 ng/ul	381617	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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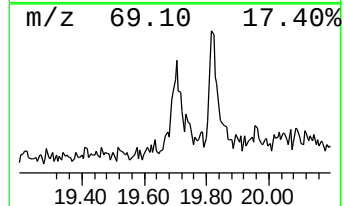
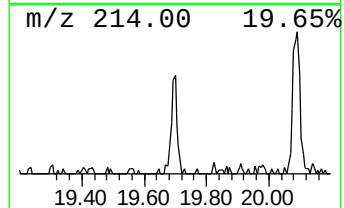
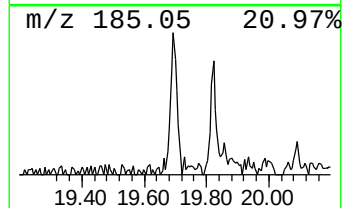
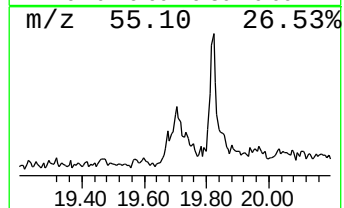
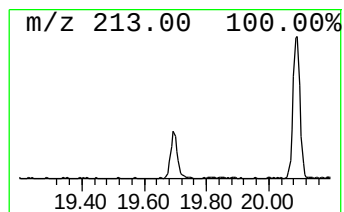
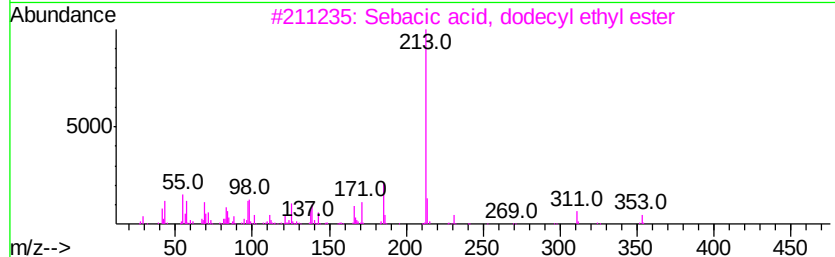
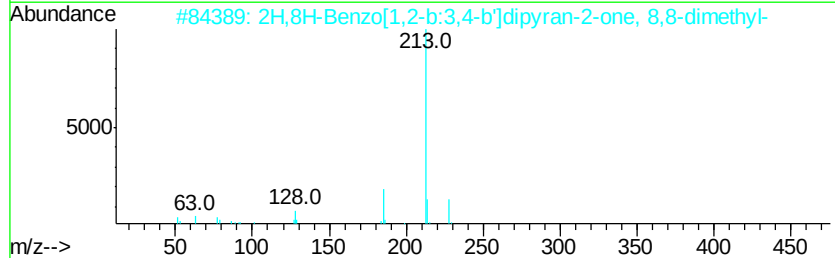
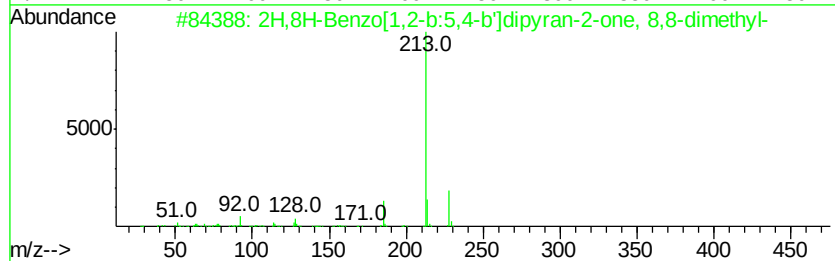
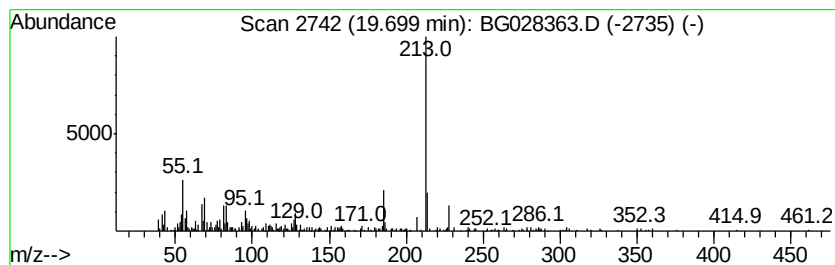
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Peak Number 3 2H,8H-Benzo[1,2-b:5,4-b']di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.70	5.49 ng/ul	234595	Phenanthrene-d10	17.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	87
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	81
3	Sebacic acid, dodecyl ethyl ester	398	C24H46O4	1000355-91-2	59
4	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	53
5	Butylphosphonic acid, 2-chloroph...	374	C19H32ClO3P	1000315-13-8	47



Data Path : Z:\HPCHEM1\BNA G\Data\BG081517\
Data File : BG028363.D
Acq On : 16 Aug 2017 3:57
Operator : SJ/JU
Sample : I4672-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ0

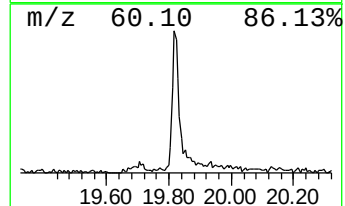
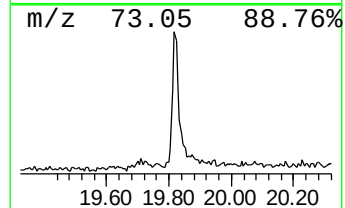
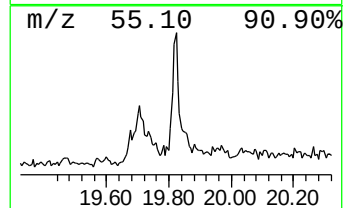
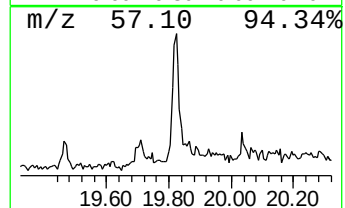
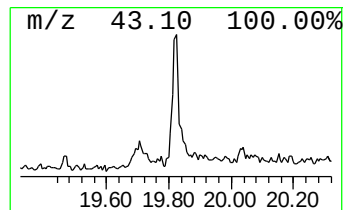
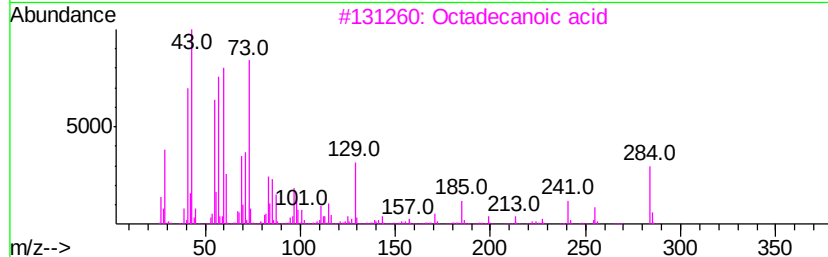
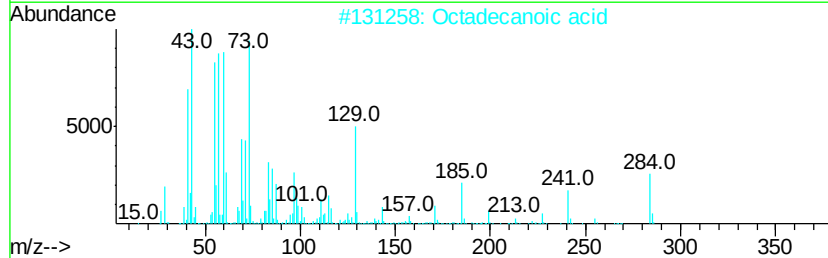
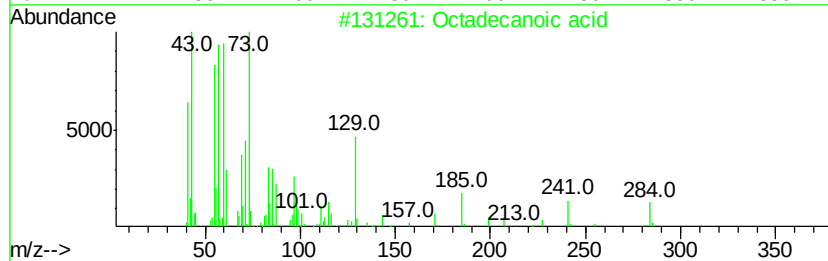
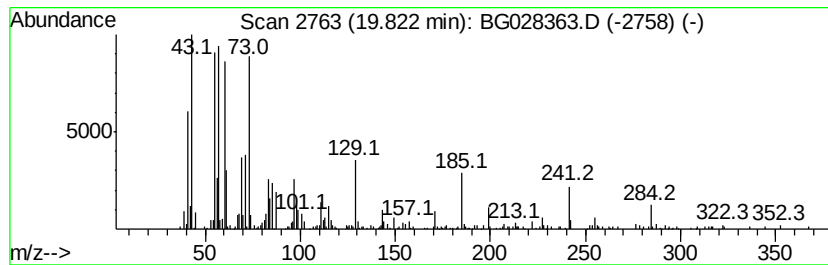
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.75 ng/ul	288833	Phenanthrene-d10	17.71

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	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	96
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			n-Decanoic acid	172	C10H20O2	000334-48-5	83



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Sample : I4672-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ0

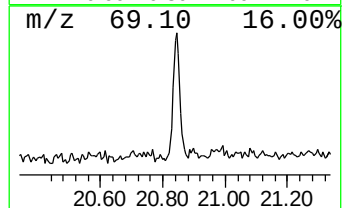
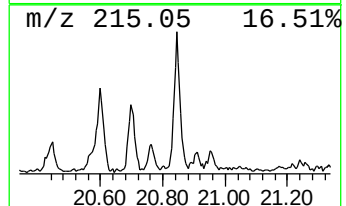
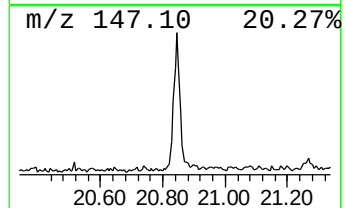
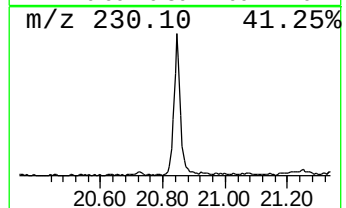
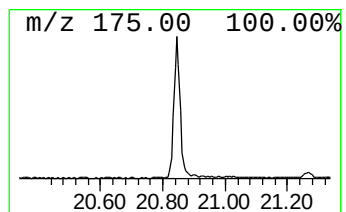
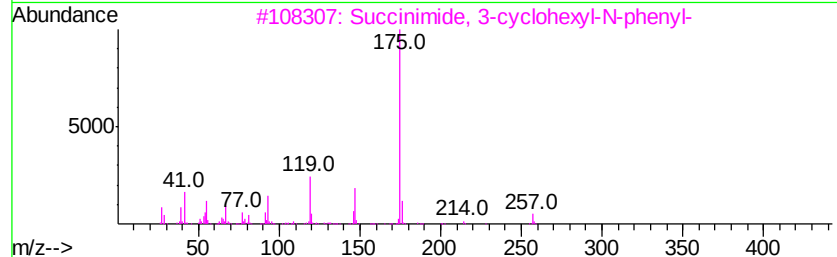
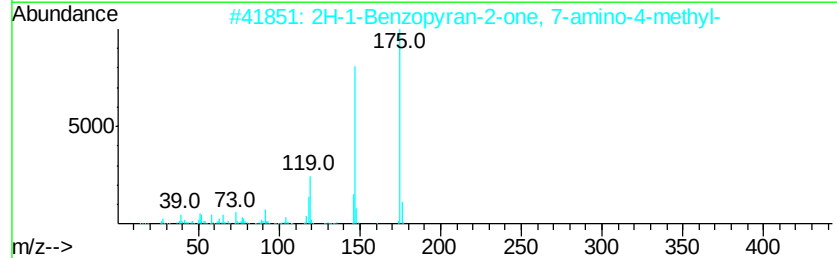
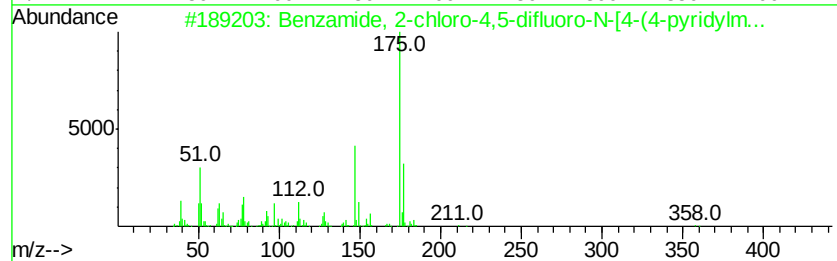
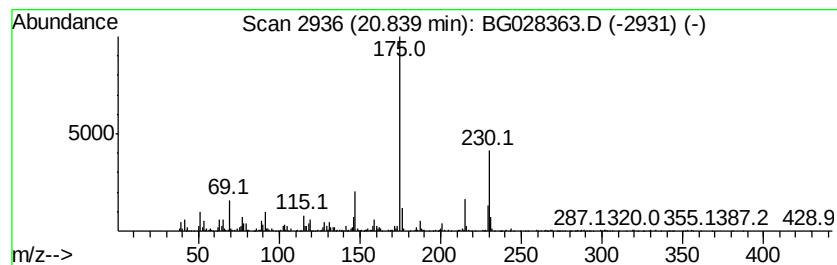
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	11.48 ng/ul	638009	Chrysene-d12	22.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, 2-chloro-4,5-difluoro...	358	C19H13ClF2N2O	333352-38-8	47
2		2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	47
3		Succinimide, 3-cyclohexyl-N-phenyl-	257	C16H19NO2	206271-64-9	47
4		4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	47
5		(E)-1-Indan-1-ylethanone oxime	175	C11H13NO	1000373-31-4	45



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Propanoic acid, 2...	15.72	2.8	ng/ul	98662	3	14.97	717010	20.0
n-Hexadecanoic acid	18.56	8.9	ng/ul	381617	4	17.71	855186	20.0
2H,8H-Benzo[1,2-b...	19.70	5.5	ng/ul	234595	4	17.71	855186	20.0
Octadecanoic acid	19.82	6.8	ng/ul	288833	4	17.71	855186	20.0
unknown-01	20.84	11.5	ng/ul	638009	5	22.05	1111950	20.0