

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017394.D
 Acq On : 2 Jun 2015 14:30
 Operator : TP/IZ
 Sample : G2430-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.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	3.170	80	82	84	rVB2	2723	1580	0.32%	0.025%
2	3.793	185	188	189	rVB	2430	1670	0.34%	0.026%
3	3.958	212	216	218	rBV3	1796	2305	0.47%	0.036%
4	4.011	224	225	227	rBV	2158	1604	0.32%	0.025%
5	4.093	237	239	242	rBV4	2051	1847	0.37%	0.029%
6	4.563	315	319	323	rBV4	1518	2939	0.59%	0.046%
7	4.680	337	339	342	rBV2	1867	1640	0.33%	0.026%
8	5.720	513	516	519	rVB2	2155	2851	0.58%	0.045%
9	6.049	569	572	576	rBV4	1076	1710	0.35%	0.027%
10	6.090	578	579	582	rBV2	1511	1498	0.30%	0.024%
11	6.161	587	591	595	rBV4	3084	3881	0.78%	0.061%
12	6.278	609	611	615	rVB4	2426	3132	0.63%	0.049%
13	6.837	699	706	714	rBV	77688	128682	25.97%	2.022%
14	6.972	722	729	738	rBV	54845	85036	17.16%	1.336%
15	7.177	759	764	770	rBV	88977	127287	25.69%	2.000%
16	7.254	773	777	778	rBV3	1646	1954	0.39%	0.031%
17	7.636	836	842	848	rVB	94688	143040	28.87%	2.247%
18	7.706	852	854	858	rVB2	1219	1574	0.32%	0.025%
19	8.206	935	939	940	rBV2	1293	1500	0.30%	0.024%
20	8.370	961	967	976	rBV	100805	153719	31.03%	2.415%
21	8.799	1033	1040	1049	rVB	80260	128740	25.98%	2.022%
22	8.964	1062	1068	1071	rVV4	2854	5417	1.09%	0.085%
23	8.999	1072	1074	1081	rVV5	2339	3953	0.80%	0.062%
24	9.516	1155	1162	1169	rBV	76581	125890	25.41%	1.978%
25	9.633	1178	1182	1187	rVB3	1579	2503	0.51%	0.039%
26	9.686	1187	1191	1193	rBV3	1822	2016	0.41%	0.032%
27	9.774	1203	1206	1209	rVV4	1769	1735	0.35%	0.027%
28	10.068	1250	1256	1265	rBV	100693	172323	34.78%	2.707%
29	10.209	1277	1280	1289	rVB6	4773	10258	2.07%	0.161%
30	10.427	1309	1317	1324	rBV	133493	217368	43.87%	3.415%
31	10.573	1335	1342	1350	rBV	61947	112604	22.73%	1.769%
32	11.043	1420	1422	1428	rVB4	1556	2421	0.49%	0.038%
33	11.461	1491	1493	1497	rVB3	1323	1714	0.35%	0.027%
34	11.637	1520	1523	1526	rVB2	1823	1589	0.32%	0.025%

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35	11.801	1548	1551	1554	rBV3	1812	1877	0.38%	0.029%
36	12.019	1584	1588	1590	rBV3	1058	1849	0.37%	0.029%
37	12.383	1648	1650	1655	rBV4	1356	1872	0.38%	0.029%
38	12.642	1689	1694	1700	rBV2	34157	49613	10.01%	0.779%
39	12.759	1712	1714	1717	rVB4	1400	1740	0.35%	0.027%
40	12.806	1721	1722	1726	rVV4	1702	2102	0.42%	0.033%
41	12.900	1733	1738	1743	rBV	56454	81613	16.47%	1.282%
42	13.112	1771	1774	1775	rBV2	1839	1554	0.31%	0.024%
43	13.264	1796	1800	1803	rBV4	1466	2125	0.43%	0.033%
44	13.576	1849	1853	1855	rVB4	1438	1604	0.32%	0.025%
45	13.676	1866	1870	1871	rBV2	1367	1872	0.38%	0.029%
46	13.711	1871	1876	1880	rVV	182211	244106	49.27%	3.835%
47	13.758	1880	1884	1893	rVB	115798	156651	31.62%	2.461%
48	13.834	1893	1897	1904	rVB6	3640	6285	1.27%	0.099%
49	13.952	1913	1917	1918	rBV3	3188	4195	0.85%	0.066%
50	13.987	1918	1923	1929	rVV	191958	287711	58.07%	4.520%
51	14.034	1929	1931	1935	rVB3	1830	1870	0.38%	0.029%
52	14.093	1938	1941	1942	rBV2	1951	1853	0.37%	0.029%
53	14.199	1957	1959	1964	rVB4	2736	2985	0.60%	0.047%
54	14.298	1969	1976	1983	rBV2	219407	312221	63.02%	4.905%
55	14.428	1994	1998	1999	rVB4	2285	2249	0.45%	0.035%
56	14.451	1999	2002	2003	rBV3	1555	1782	0.36%	0.028%
57	14.557	2013	2020	2029	rBV	50308	92863	18.74%	1.459%
58	14.939	2083	2085	2088	rBV4	1596	1906	0.38%	0.030%
59	15.103	2109	2113	2116	rBV3	5651	8495	1.71%	0.133%
60	15.156	2119	2122	2127	rVB4	4421	5405	1.09%	0.085%
61	15.297	2140	2146	2155	rBV	254593	359480	72.56%	5.647%
62	15.427	2162	2168	2176	rBV	86929	121021	24.43%	1.901%
63	15.544	2185	2188	2189	rVV2	2541	2991	0.60%	0.047%
64	15.562	2189	2191	2197	rVB5	2833	3788	0.76%	0.060%
65	15.714	2210	2217	2219	rBV5	2034	3440	0.69%	0.054%
66	15.973	2260	2261	2265	rBV3	1280	1825	0.37%	0.029%
67	16.020	2265	2269	2277	rVV8	7037	14049	2.84%	0.221%
68	16.196	2293	2299	2304	rBV5	6516	10182	2.06%	0.160%
69	16.378	2329	2330	2334	rBV3	1743	1889	0.38%	0.030%
70	16.472	2343	2346	2347	rVB3	1856	1610	0.32%	0.025%
71	16.519	2350	2354	2356	rBV5	3359	4025	0.81%	0.063%

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72	16.696	2383	2384	2387	rBV3	2771	2576	0.52%	0.040%
73	16.813	2398	2404	2409	rBV4	11008	13005	2.62%	0.204%
74	16.860	2409	2412	2413	rBV2	2974	3326	0.67%	0.052%
75	16.954	2426	2428	2429	rBV2	3270	1656	0.33%	0.026%
76	17.048	2438	2444	2449	rBV	267637	379390	76.57%	5.960%
77	17.089	2449	2451	2455	rVB	16846	16719	3.37%	0.263%
78	17.148	2455	2461	2466	rBV2	279562	383836	77.47%	6.030%
79	17.348	2490	2495	2497	rVB5	3480	4901	0.99%	0.077%
80	17.442	2507	2511	2518	rVV7	8822	15596	3.15%	0.245%
81	17.489	2518	2519	2522	rVB3	2409	1648	0.33%	0.026%
82	17.553	2526	2530	2537	rBV6	9969	17084	3.45%	0.268%
83	17.747	2562	2563	2565	rBV2	2071	1790	0.36%	0.028%
84	17.841	2573	2579	2583	rBV7	5968	11949	2.41%	0.188%
85	17.924	2590	2593	2594	rBV4	3167	2930	0.59%	0.046%
86	17.953	2594	2598	2607	rVV4	52900	83992	16.95%	1.319%
87	18.118	2623	2626	2630	rBV4	9137	12390	2.50%	0.195%
88	18.247	2645	2648	2652	rVB5	10857	12788	2.58%	0.201%
89	18.464	2683	2685	2691	rBV5	5361	8638	1.74%	0.136%
90	18.676	2719	2721	2723	rBV2	2712	1767	0.36%	0.028%
91	19.116	2791	2796	2800	rVB	60158	78267	15.80%	1.230%
92	19.240	2815	2817	2821	rBV5	8014	9555	1.93%	0.150%
93	19.451	2847	2853	2856	rBV	329716	451978	91.23%	7.100%
94	20.955	3105	3109	3116	rVB2	127164	161541	32.60%	2.538%
95	21.161	3141	3144	3148	rVB	37476	41344	8.34%	0.649%
96	21.243	3152	3158	3162	rBV	372752	495451	100.00%	7.783%
97	22.518	3371	3375	3381	rVB4	59888	85669	17.29%	1.346%
98	22.794	3419	3422	3426	rBV5	52460	79312	16.01%	1.246%
99	23.341	3510	3515	3520	rBV2	188487	315060	63.59%	4.949%
100	23.482	3533	3539	3545	rBV2	226598	410768	82.91%	6.453%

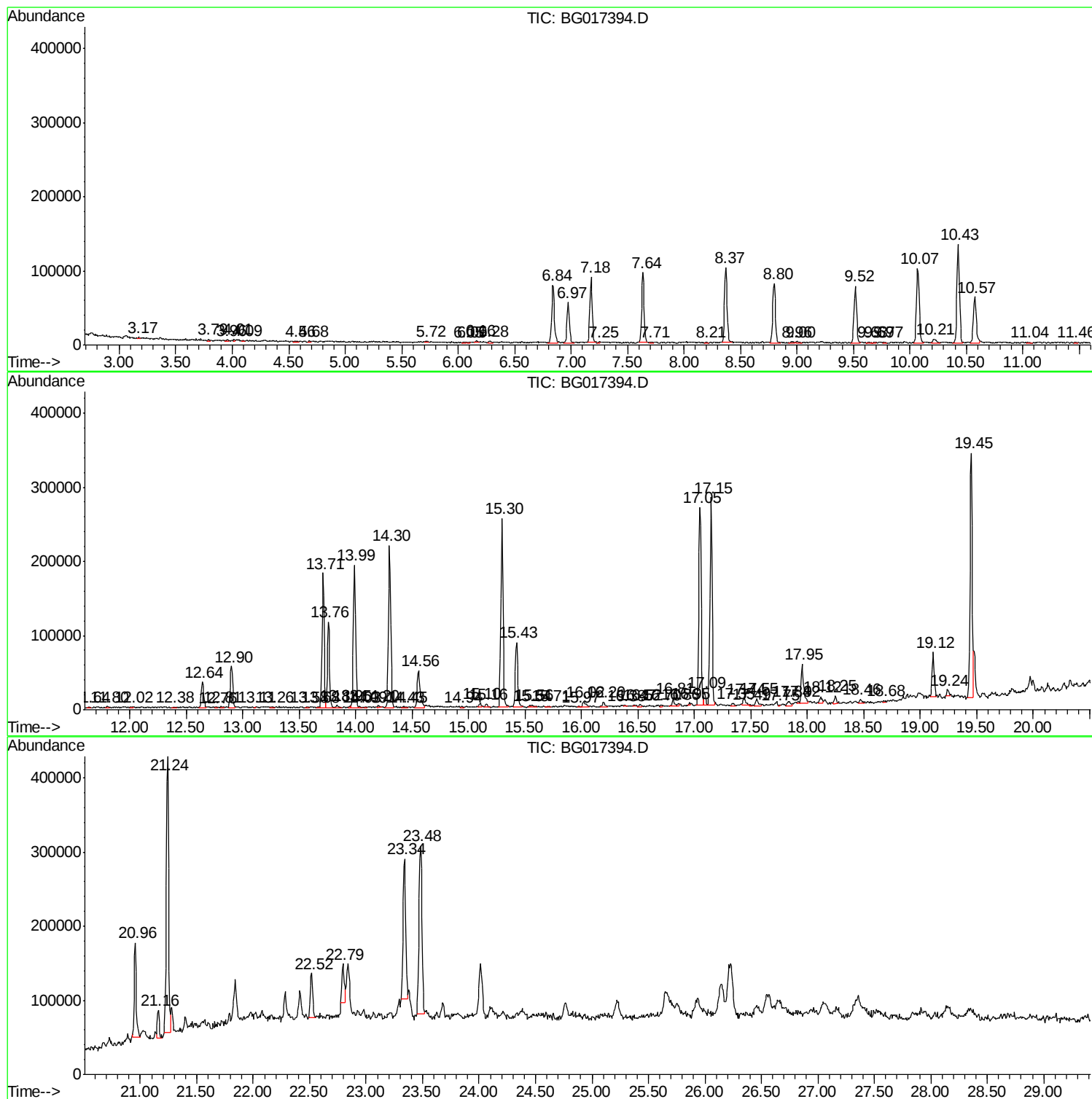
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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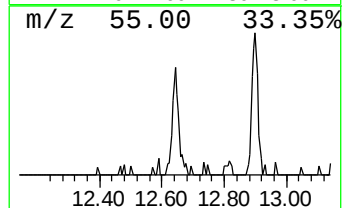
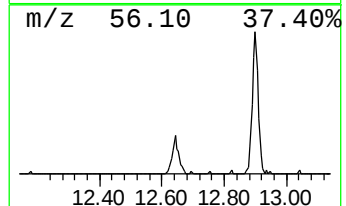
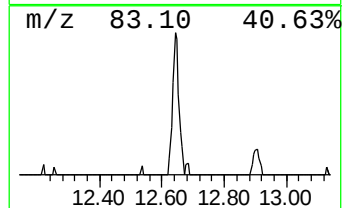
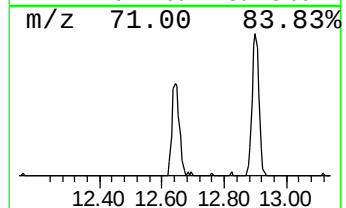
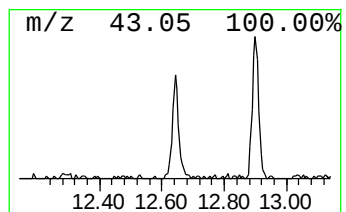
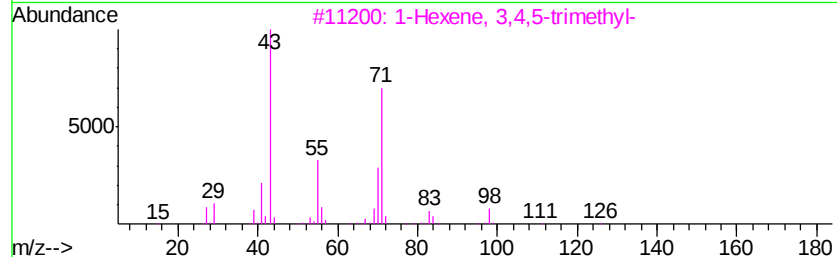
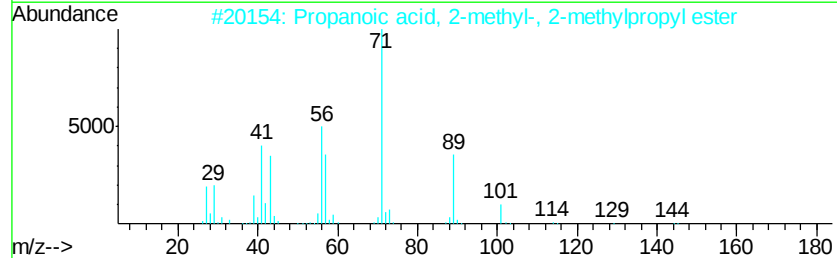
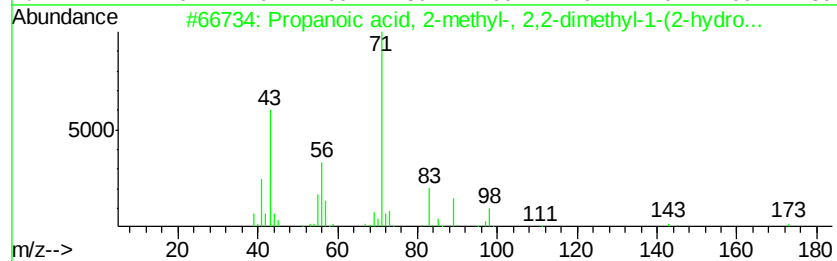
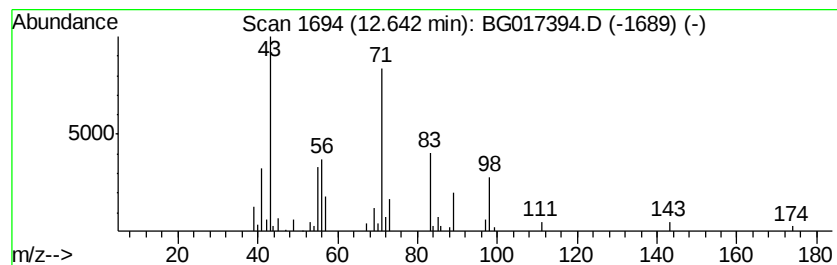
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
12.64	3.18 ng/ul	49613	Acenaphthene-d10	14.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	59
2		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	38
3		1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	37
4		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	37
5		Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	37



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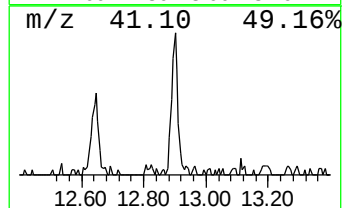
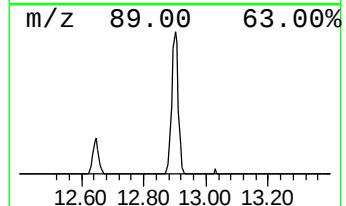
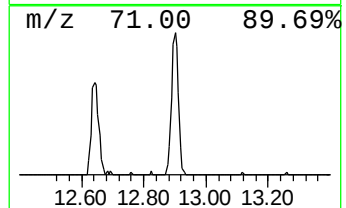
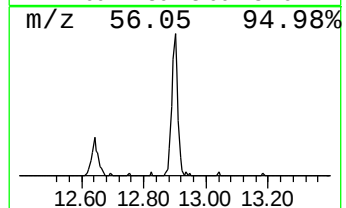
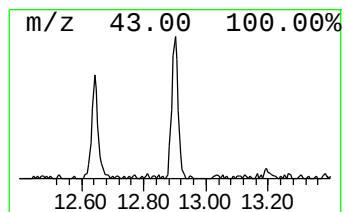
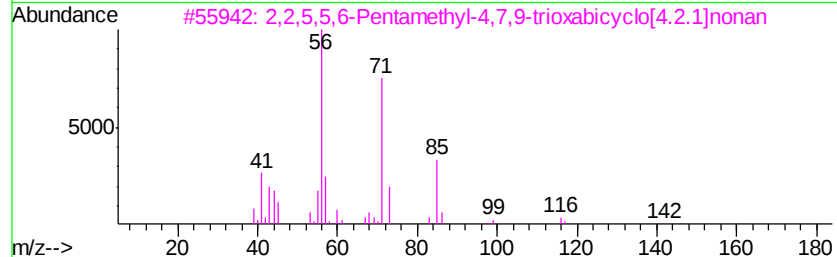
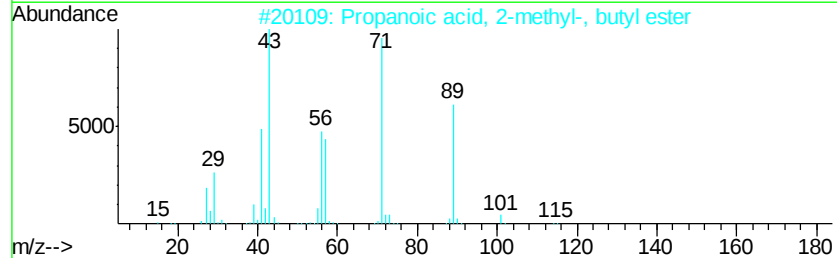
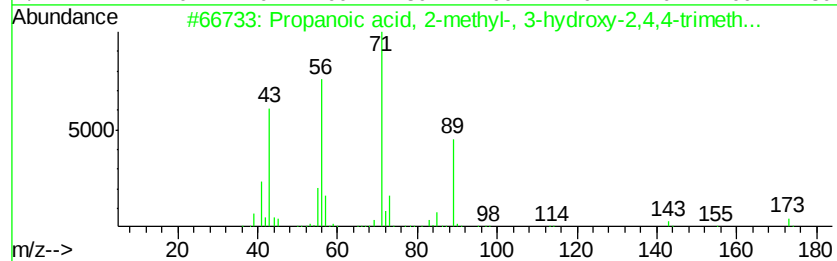
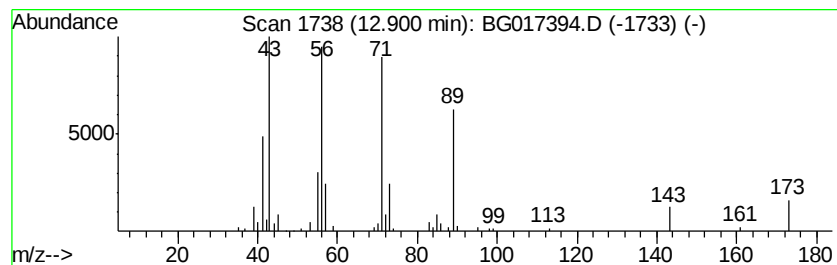
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.23 ng/ul	81613	Acenaphthene-d10	14.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216 C12H24O3	074367-34-3	50
2	Propanoic acid, 2-methyl-, butyl...	144 C8H16O2	000097-87-0	50
3	2,2,5,5,6-Pentamethyl-4,7,9-trio...	200 C11H20O3	062759-70-0	42
4	Azetidine, 2-methyl-	71 C4H9N	019812-49-8	40
5	Butane, 2,2-dimethyl-	86 C6H14	000075-83-2	38



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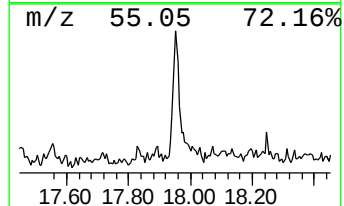
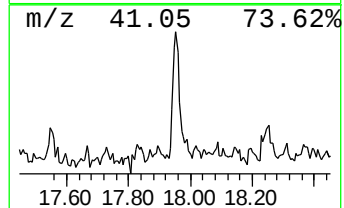
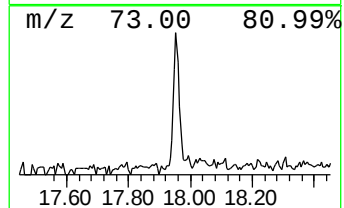
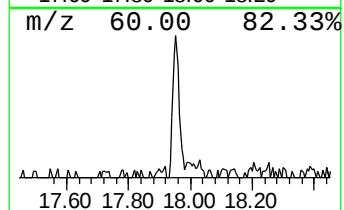
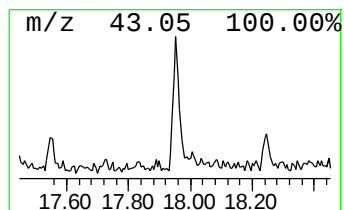
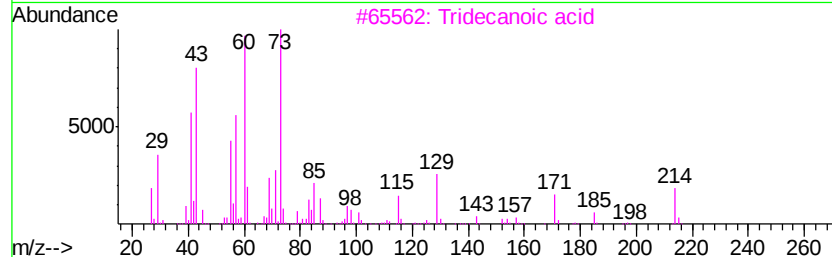
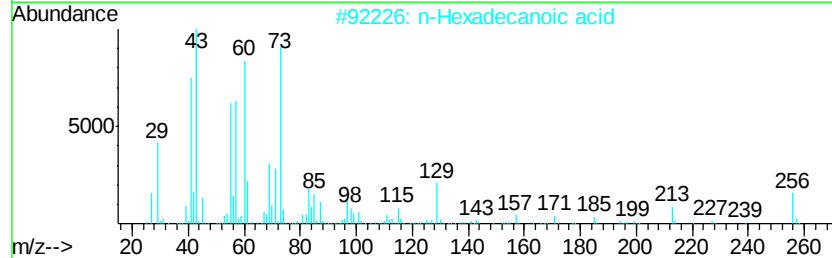
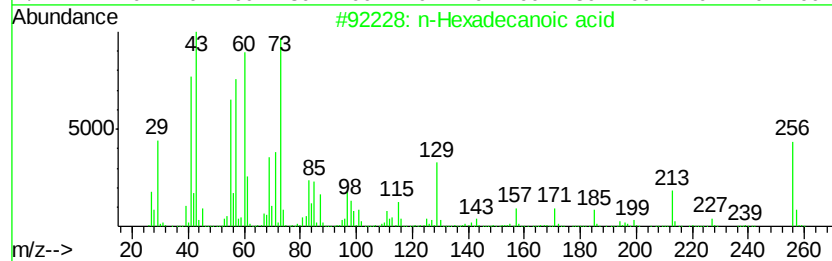
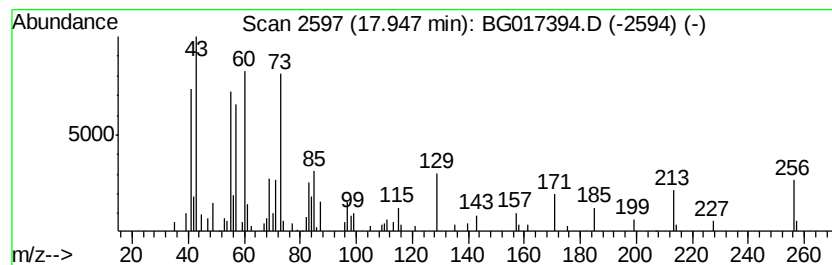
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.43 ng/ul	83992	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017394.D
Acq On : 2 Jun 2015 14:30
Operator : TP/IZ
Sample : G2430-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRE5

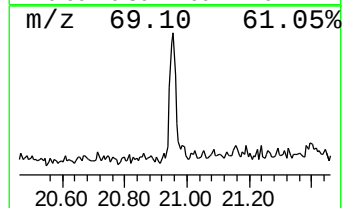
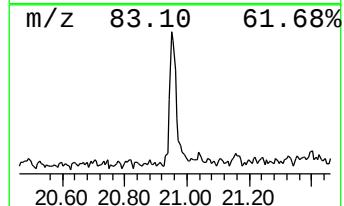
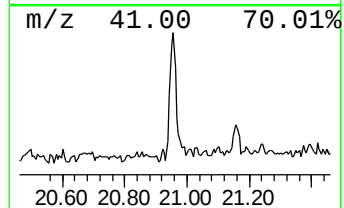
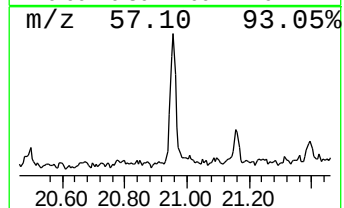
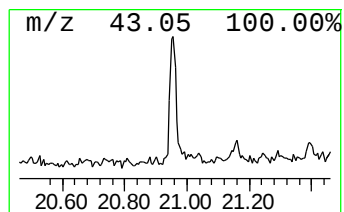
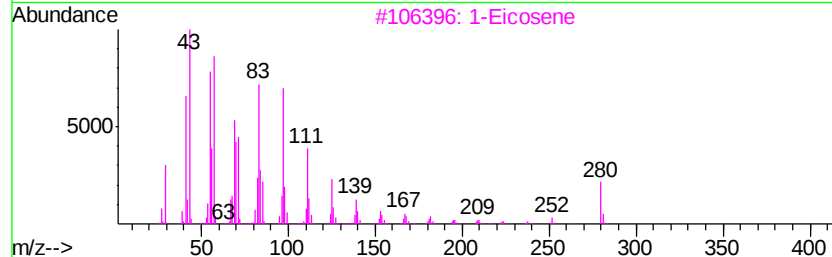
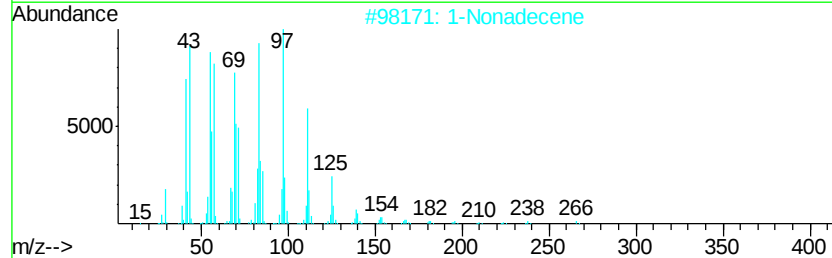
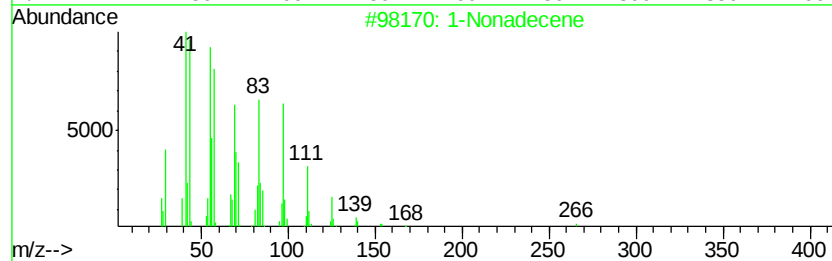
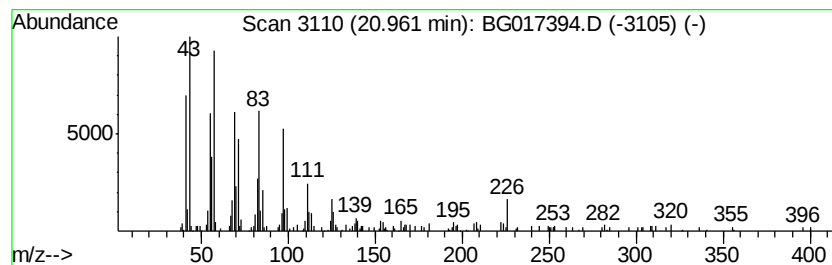
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic20.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	6.52 ng/ul	161541	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		1-Nonadecene	266	C19H38	018435-45-5	98
3		1-Eicosene	280	C20H40	003452-07-1	94
4		1-Heptadecanol	256	C17H36O	001454-85-9	94
5		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017394.D
Acq On : 2 Jun 2015 14:30
Operator : TP/IZ
Sample : G2430-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRE5

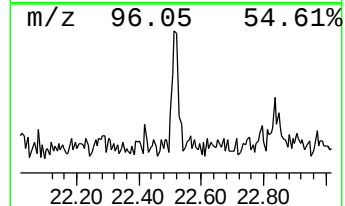
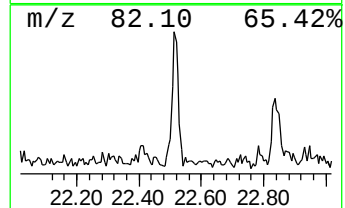
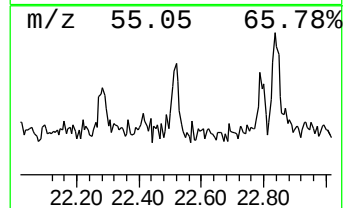
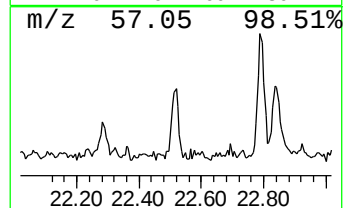
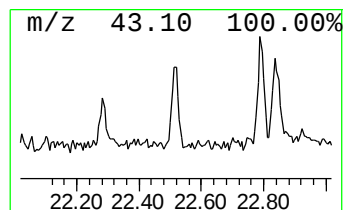
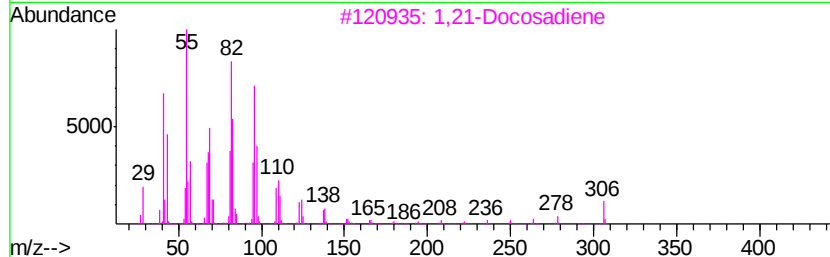
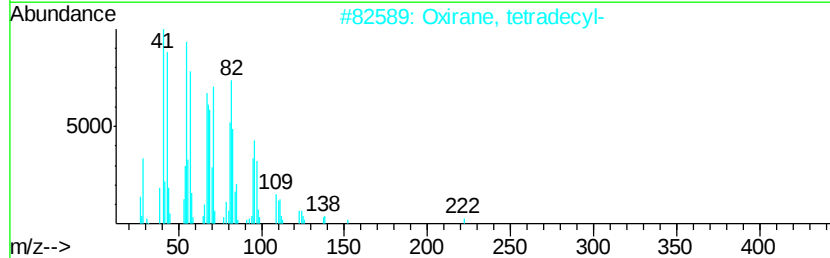
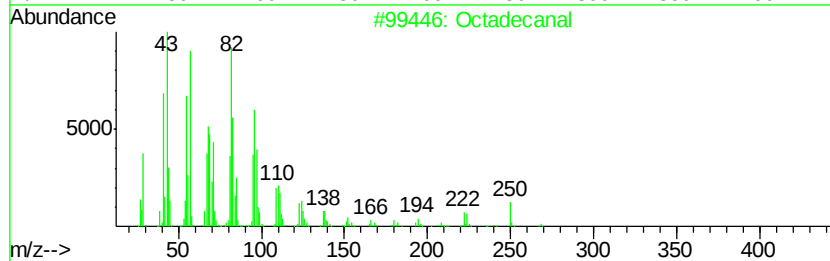
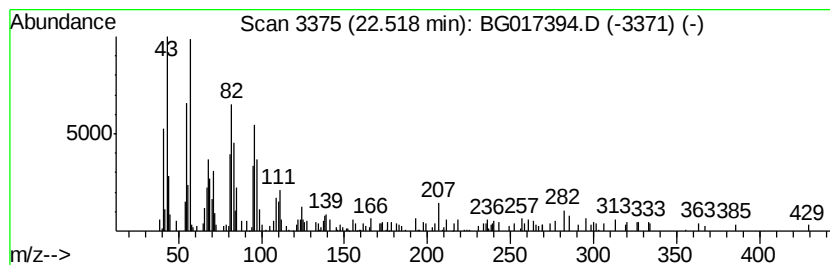
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	4.17 ng/ul	85669	Perylene-d12	23.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	80
2	Oxirane, tetradecyl-		240	C16H32O	007320-37-8	80
3	1,21-Docosadiene		306	C22H42	053057-53-7	76
4	Tetracosanal		352	C24H48O	057866-08-7	72
5	Octadecanal		268	C18H36O	000638-66-4	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017394.D
Acq On : 2 Jun 2015 14:30
Operator : TP/IZ
Sample : G2430-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRE5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanoic acid, 2...	12.64	3.2	ng/ul	49613	3	14.30	312221	20.0
Propanoic acid, 2...	12.90	5.2	ng/ul	81613	3	14.30	312221	20.0
n-Hexadecanoic acid	17.95	4.4	ng/ul	83992	4	17.05	379390	20.0
(DEL) Alkane: Cyc...	20.96	6.5	ng/ul	161541	5	21.24	495451	20.0
Octadecanal	22.52	4.2	ng/ul	85669	6	23.48	410768	20.0