

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019224.D
 Acq On : 16 Oct 2015 15:40
 Operator : UM/NP
 Sample : G3996-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ9

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-BG101515.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	3.111	41	46	54	rBV2	20138	34906	5.67%	0.621%
2	3.182	54	58	72	rVB	44024	61189	9.93%	1.088%
3	3.440	99	102	106	rBV	3044	3683	0.60%	0.065%
4	3.546	117	120	123	rVB2	951	1115	0.18%	0.020%
5	3.716	147	149	159	rBV3	1550	3814	0.62%	0.068%
6	4.192	224	230	238	rBV	51590	76502	12.42%	1.360%
7	7.171	731	737	748	rVB	61015	104245	16.92%	1.854%
8	7.330	756	764	771	rBV	47865	74235	12.05%	1.320%
9	7.535	793	799	808	rBV	58608	99347	16.13%	1.767%
10	8.005	873	879	885	rBV	35368	53910	8.75%	0.959%
11	8.710	993	999	1009	rVB	71399	120355	19.54%	2.140%
12	9.163	1068	1076	1086	rBV	70531	119869	19.46%	2.132%
13	9.886	1193	1199	1207	rBV	61974	106770	17.33%	1.899%
14	10.432	1285	1292	1301	rBV	88622	150540	24.44%	2.677%
15	10.808	1349	1356	1364	rBV	52787	92497	15.02%	1.645%
16	10.943	1372	1379	1391	rVB	82090	139778	22.69%	2.486%
17	12.394	1619	1626	1629	rBV3	1203	1886	0.31%	0.034%
18	12.471	1636	1639	1641	rVB	923	1080	0.18%	0.019%
19	12.682	1673	1675	1679	rVB2	1032	1164	0.19%	0.021%
20	12.994	1725	1728	1735	rVB4	1486	1799	0.29%	0.032%
21	13.246	1767	1771	1775	rBV2	2805	3492	0.57%	0.062%
22	13.470	1805	1809	1810	rBV3	1805	1607	0.26%	0.029%
23	13.552	1821	1823	1829	rVB2	919	1123	0.18%	0.020%
24	13.987	1895	1897	1900	rBV4	1251	1409	0.23%	0.025%
25	14.039	1900	1906	1910	rVV	194710	278294	45.18%	4.949%
26	14.086	1910	1914	1921	rVB	126596	176302	28.62%	3.135%
27	14.333	1949	1956	1963	rVV	189504	296965	48.21%	5.281%
28	14.492	1980	1983	1986	rVB	847	1037	0.17%	0.018%
29	14.533	1986	1990	1994	rBV3	3021	4126	0.67%	0.073%
30	14.639	2002	2008	2019	rBV2	89415	145452	23.61%	2.587%
31	14.786	2029	2033	2036	rBV	3415	3775	0.61%	0.067%
32	14.833	2036	2041	2050	rVV2	58209	89732	14.57%	1.596%
33	15.044	2071	2077	2083	rBV3	1758	3718	0.60%	0.066%
34	15.420	2139	2141	2143	rBV2	1075	1232	0.20%	0.022%

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 Title : SVOA CALIBRATION

35	15.450	2143	2146	2148	rVV3	2123	2500	0.41%	0.044%
36	15.479	2148	2151	2155	rVB	6682	7812	1.27%	0.139%
37	15.579	2164	2168	2170	rBV2	4536	5469	0.89%	0.097%
38	15.626	2170	2176	2183	rVV	270552	400534	65.02%	7.123%
39	15.679	2183	2185	2188	rVB2	1177	1040	0.17%	0.018%
40	15.737	2190	2195	2202	rVB	76377	112260	18.22%	1.996%
41	15.873	2212	2218	2224	rBV4	2677	5461	0.89%	0.097%
42	15.961	2228	2233	2235	rBV2	720	1189	0.19%	0.021%
43	16.067	2248	2251	2256	rVB3	1976	2931	0.48%	0.052%
44	16.266	2282	2285	2289	rBV2	894	1223	0.20%	0.022%
45	16.343	2293	2298	2301	rBV	9699	12387	2.01%	0.220%
46	16.448	2314	2316	2321	rVB3	1237	1662	0.27%	0.030%
47	16.519	2324	2328	2331	rBV3	2163	2351	0.38%	0.042%
48	16.666	2347	2353	2360	rBV4	3946	7135	1.16%	0.127%
49	16.913	2393	2395	2399	rBV3	1444	1453	0.24%	0.026%
50	16.995	2405	2409	2412	rVB	794	1107	0.18%	0.020%
51	17.030	2412	2415	2418	rBV2	1371	1999	0.32%	0.036%
52	17.083	2422	2424	2428	rBV	926	1153	0.19%	0.021%
53	17.136	2428	2433	2438	rVV2	11966	15447	2.51%	0.275%
54	17.183	2438	2441	2446	rVB3	2295	3862	0.63%	0.069%
55	17.383	2469	2475	2480	rBV	139087	205522	33.36%	3.655%
56	17.424	2480	2482	2486	rVV3	3969	4264	0.69%	0.076%
57	17.483	2486	2492	2499	rVB	317012	472875	76.76%	8.409%
58	17.671	2520	2524	2526	rBV3	1351	1626	0.26%	0.029%
59	17.694	2526	2528	2531	rVB2	1150	1314	0.21%	0.023%
60	17.765	2536	2540	2542	rVB4	1526	2151	0.35%	0.038%
61	17.800	2542	2546	2549	rVB3	1309	1702	0.28%	0.030%
62	17.841	2549	2553	2554	rBV2	1101	1220	0.20%	0.022%
63	17.876	2554	2559	2562	rBV	9929	12753	2.07%	0.227%
64	17.964	2572	2574	2582	rVB3	784	1184	0.19%	0.021%
65	18.047	2585	2588	2590	rBV3	1178	1036	0.17%	0.018%
66	18.123	2597	2601	2602	rBV2	1005	1194	0.19%	0.021%
67	18.158	2604	2607	2609	rVV4	1233	1388	0.23%	0.025%
68	18.211	2614	2616	2621	rVB2	1299	1558	0.25%	0.028%
69	18.276	2621	2627	2636	rBV4	33179	56562	9.18%	1.006%
70	18.528	2667	2670	2671	rBV3	1443	1264	0.21%	0.022%
71	18.569	2672	2677	2682	rVV	15229	21016	3.41%	0.374%

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72	18.793	2713	2715	2719	rBV3	2102	2259	0.37%	0.040%
73	18.869	2724	2728	2729	rBV3	1303	1559	0.25%	0.028%
74	19.075	2759	2763	2764	rBV4	922	1342	0.22%	0.024%
75	19.128	2769	2772	2775	rBV3	1797	2636	0.43%	0.047%
76	19.157	2775	2777	2779	rVV2	1411	1390	0.23%	0.025%
77	19.192	2779	2783	2788	rVB	12627	15321	2.49%	0.272%
78	19.404	2815	2819	2822	rBV3	3784	5998	0.97%	0.107%
79	19.545	2837	2843	2850	rBV5	6071	12068	1.96%	0.215%
80	19.656	2858	2862	2865	rVB2	3305	5005	0.81%	0.089%
81	19.768	2873	2881	2894	rVB2	418404	616029	100.00%	10.955%
82	20.068	2929	2932	2934	rBV	1381	1505	0.24%	0.027%
83	20.273	2963	2967	2968	rBV3	3381	4270	0.69%	0.076%
84	20.297	2968	2971	2979	rVB	14069	16946	2.75%	0.301%
85	20.361	2979	2982	2985	rBV2	3221	3847	0.62%	0.068%
86	20.438	2994	2995	2999	rBV3	2312	1929	0.31%	0.034%
87	20.673	3033	3035	3039	rVB5	2336	2052	0.33%	0.036%
88	20.773	3049	3052	3054	rBV4	12129	16326	2.65%	0.290%
89	20.796	3054	3056	3060	rVB	17147	15888	2.58%	0.283%
90	20.984	3086	3088	3089	rVB2	2045	1113	0.18%	0.020%
91	21.296	3136	3141	3148	rBV2	40634	64463	10.46%	1.146%
92	21.648	3195	3201	3208	rVB	167731	264708	42.97%	4.707%
93	21.795	3223	3226	3229	rBV4	8858	12450	2.02%	0.221%
94	22.471	3336	3341	3347	rBV6	11263	23786	3.86%	0.423%
95	24.639	3699	3710	3720	rBV	220959	600709	97.51%	10.683%
96	24.850	3736	3746	3760	rBV2	95193	286410	46.49%	5.093%
97	25.126	3791	3793	3796	rBV3	2236	2169	0.35%	0.039%
98	26.836	4082	4084	4085	rBV2	2002	1373	0.22%	0.024%
99	30.743	4747	4749	4751	rBV3	2189	1741	0.28%	0.031%
100	31.496	4874	4877	4879	rBV4	2742	3315	0.54%	0.059%

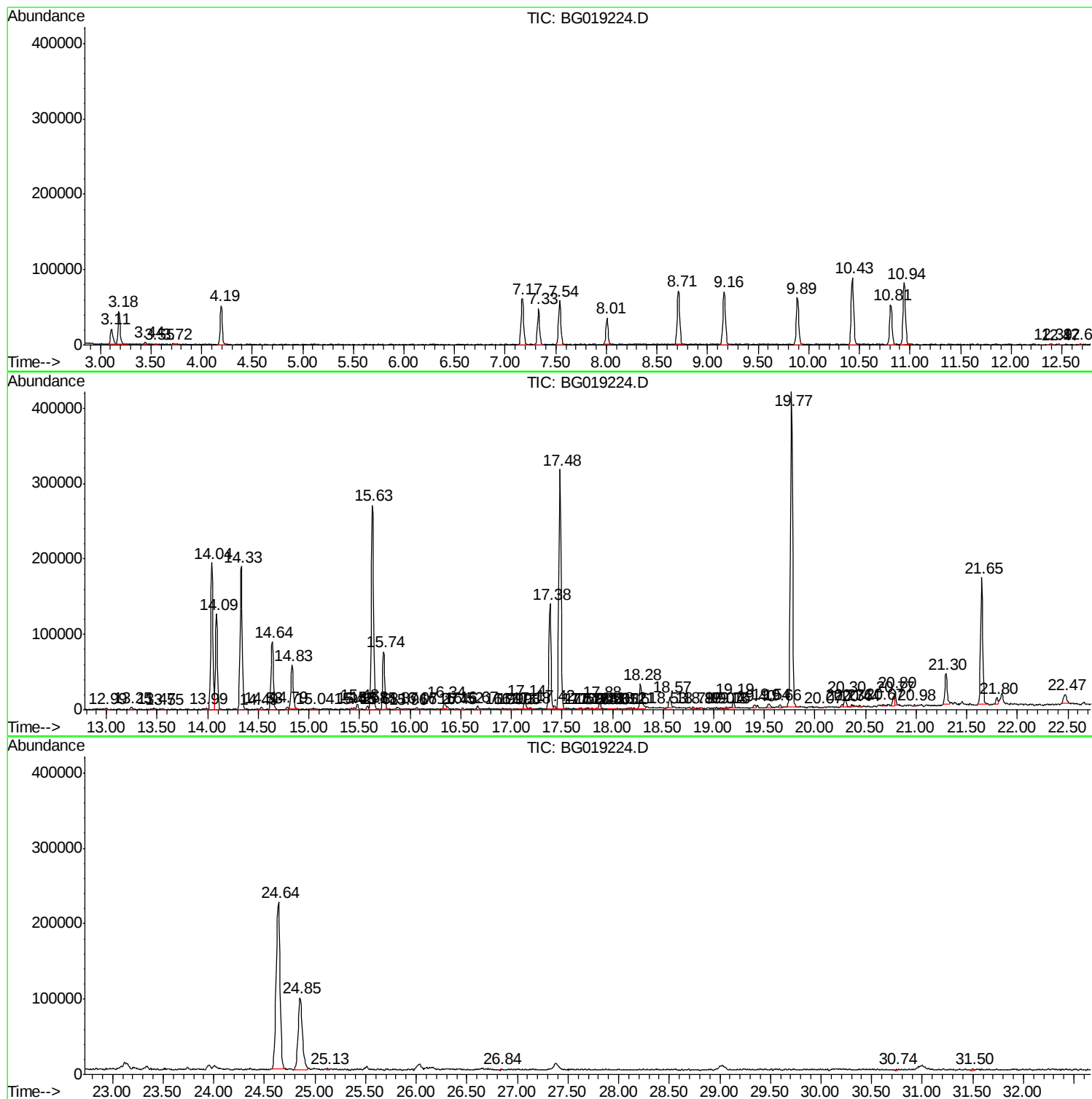
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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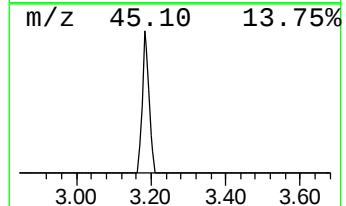
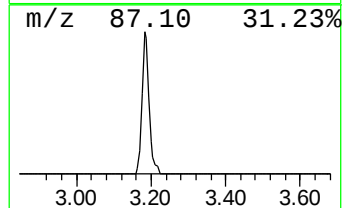
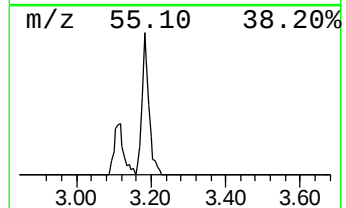
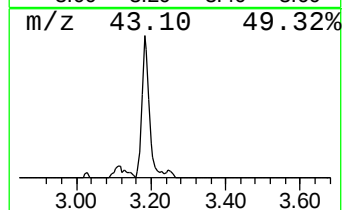
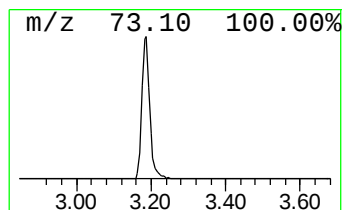
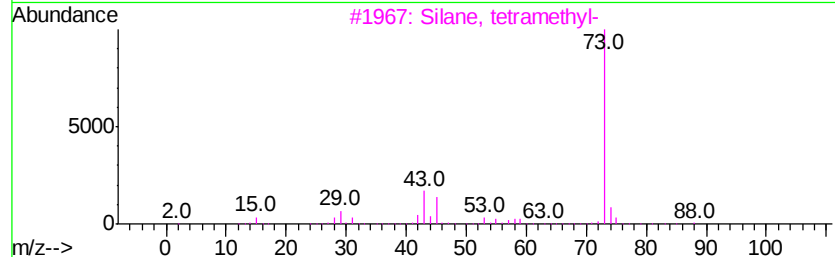
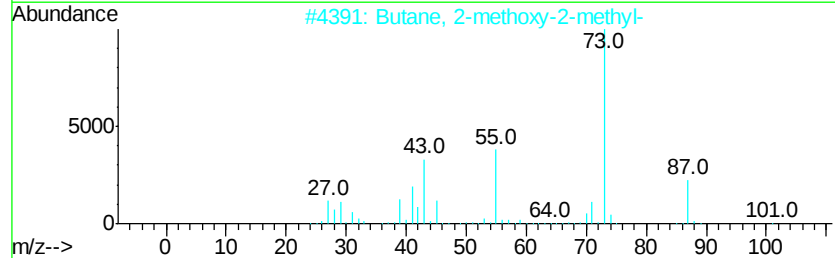
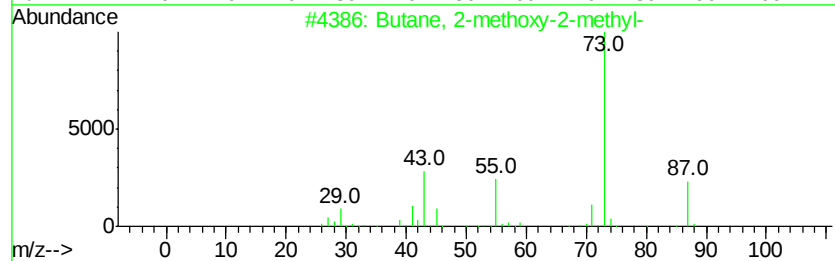
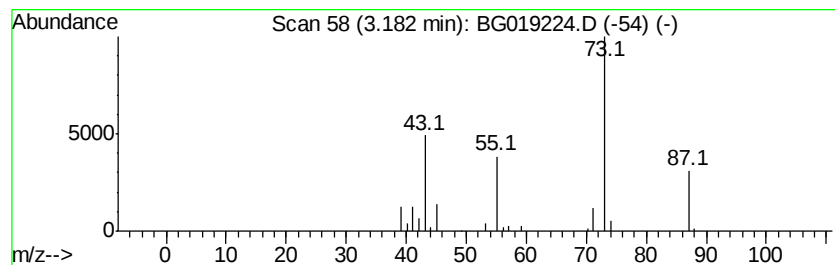
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	22.70 ng/ul	61189	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



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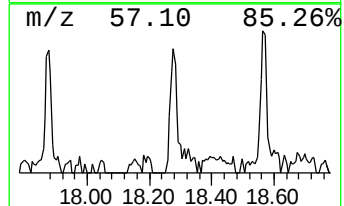
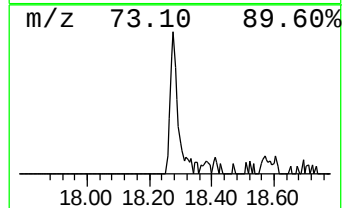
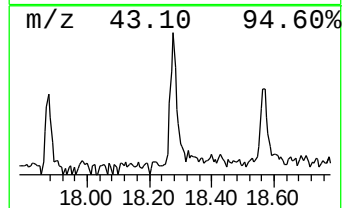
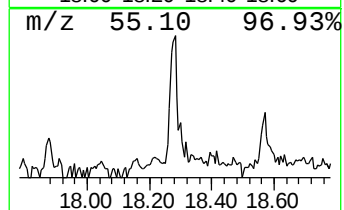
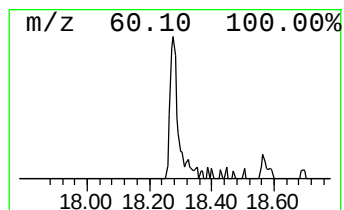
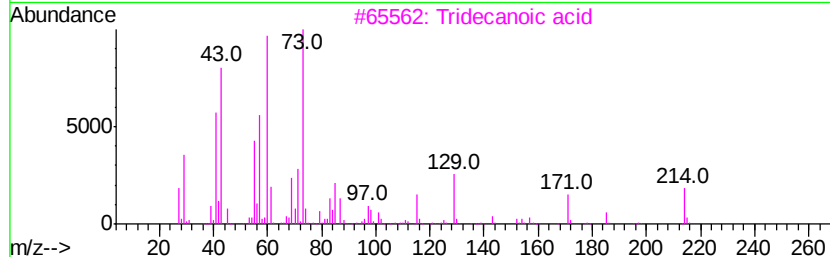
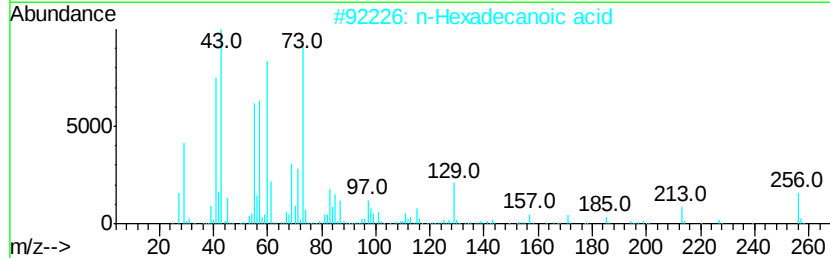
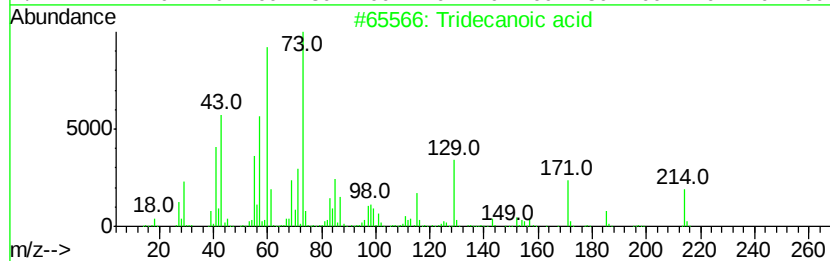
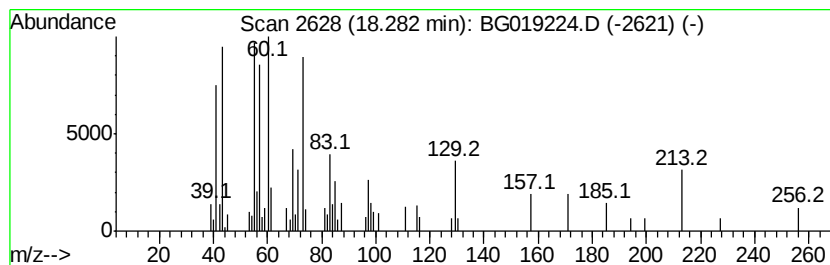
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	5.50 ng/ul	56562	Phenanthrene-d10	17.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	72
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



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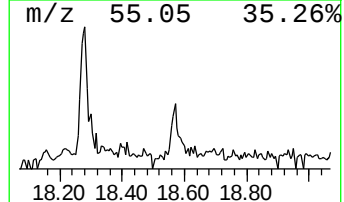
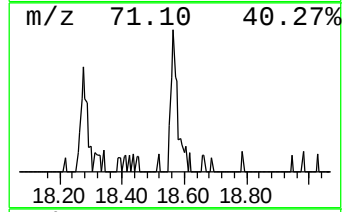
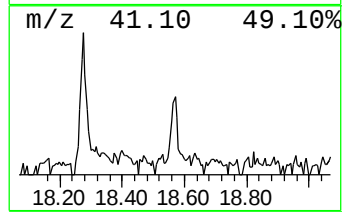
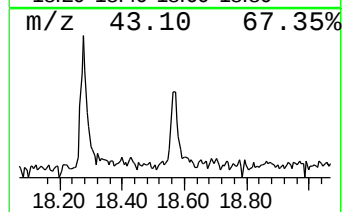
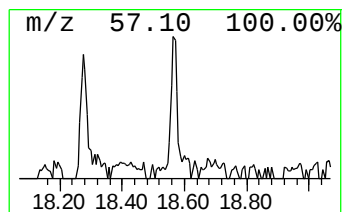
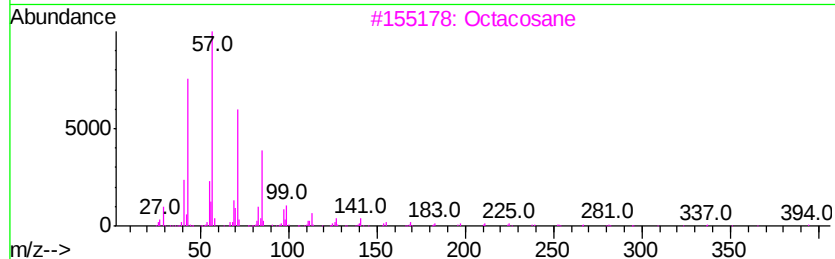
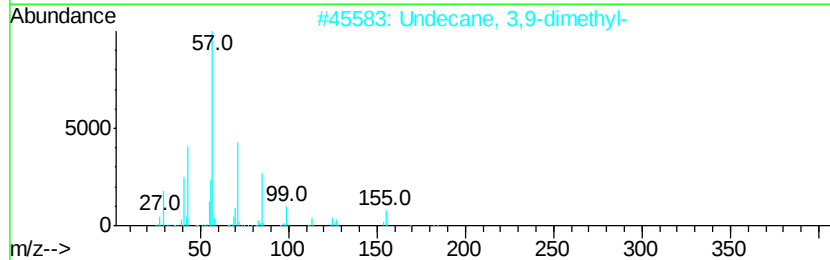
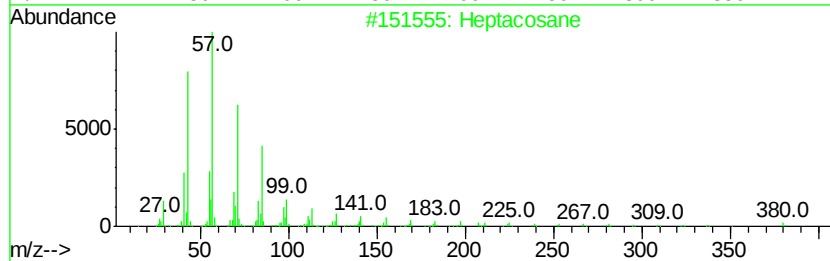
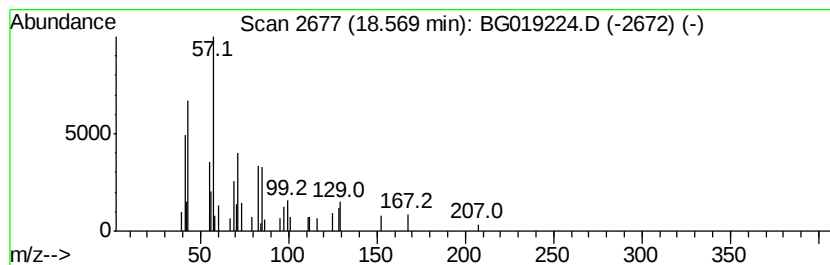
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.05 ng/ul	21016	Phenanthrene-d10	17.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	43
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	38
3		Octacosane	394	C28H58	000630-02-4	38
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019224.D
Acq On : 16 Oct 2015 15:40
Operator : UM/NP
Sample : G3996-12
Misc :
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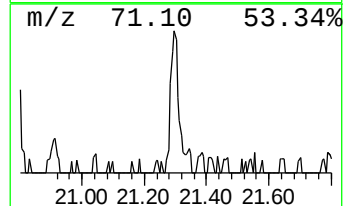
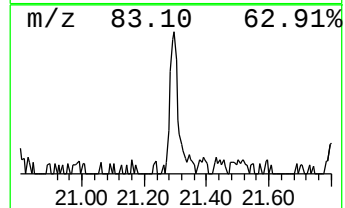
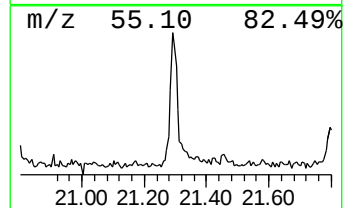
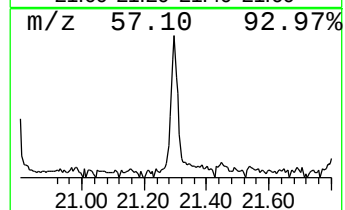
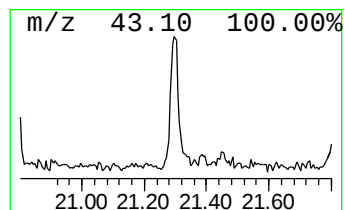
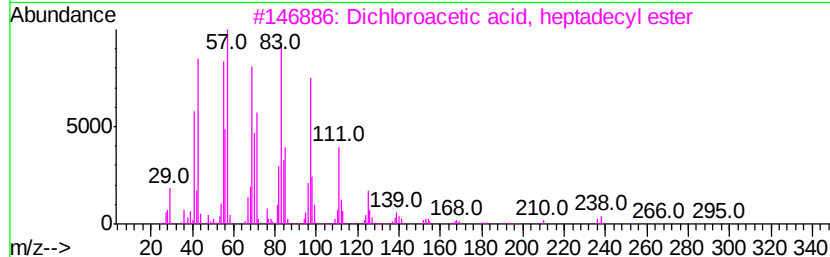
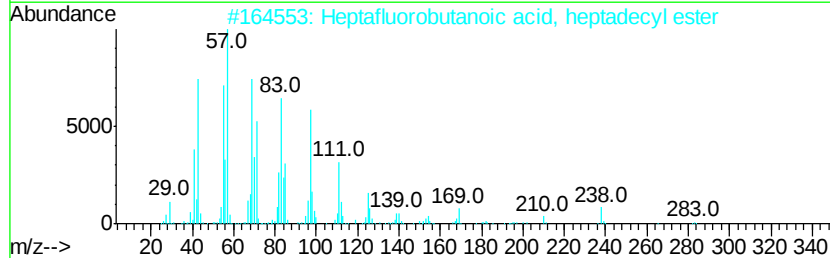
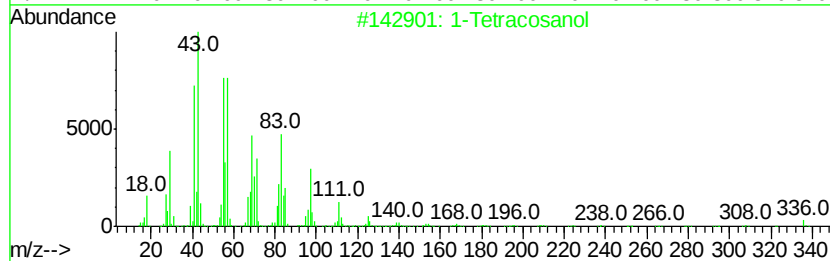
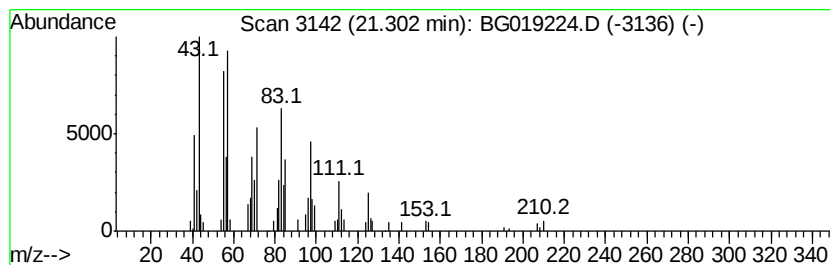
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BNA_G
ClientSampleId :
E5LJ9

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Tetracosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.87 ng/ul	64463	Chrysene-d12	21.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tetracosanol	354 C24H50O	000506-51-4	91
2	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	91
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	90
4	17-Pentatriacontene	491 C35H70	006971-40-0	90
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101615\
Data File : BG019224.D
Acq On : 16 Oct 2015 15:40
Operator : UM/NP
Sample : G3996-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LJ9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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
Butane, 2-methoxy...	3.18	22.7	ng/ul	61189	1	8.01	53910	20.0
Tridecanoic acid	18.28	5.5	ng/ul	56562	4	17.38	205522	20.0
(DEL) Alkane: Str...	18.57	2.0	ng/ul	21016	4	17.38	205522	20.0
1-Tetracosanol	21.30	4.9	ng/ul	64463	5	21.65	264708	20.0