

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100815\
 Data File : BG019071.D
 Acq On : 8 Oct 2015 18:12
 Operator : UM/NP
 Sample : G3915-01RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03G2RX

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-BG100415.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	3.146	46	52	60	rBV2	49993	94323	13.87%	1.363%
2	3.222	60	65	82	rVB	134409	190600	28.03%	2.755%
3	5.143	388	392	397	rBV2	3413	4756	0.70%	0.069%
4	7.194	735	741	749	rBV	17748	30000	4.41%	0.434%
5	7.358	761	769	778	rBV	53883	86903	12.78%	1.256%
6	7.570	798	805	813	rVB	59579	95642	14.06%	1.383%
7	8.034	878	884	891	rBV	63931	108647	15.98%	1.571%
8	8.099	891	895	898	rVB	1526	2069	0.30%	0.030%
9	8.739	996	1004	1013	rBV	57261	92767	13.64%	1.341%
10	9.192	1074	1081	1090	rBV	75532	132652	19.51%	1.917%
11	9.920	1198	1205	1211	rVB	64562	110888	16.31%	1.603%
12	10.461	1290	1297	1305	rBV	96541	166462	24.48%	2.406%
13	10.843	1355	1362	1370	rBV	103766	177927	26.17%	2.572%
14	10.978	1380	1385	1388	rBV2	962	1380	0.20%	0.020%
15	12.417	1627	1630	1635	rBV3	1285	1804	0.27%	0.026%
16	13.028	1728	1734	1737	rBV	1894	2427	0.36%	0.035%
17	13.275	1771	1776	1780	rBV2	3472	4435	0.65%	0.064%
18	13.692	1842	1847	1852	rBV3	1919	3090	0.45%	0.045%
19	14.068	1905	1911	1915	rBV	231518	324374	47.70%	4.689%
20	14.115	1915	1919	1924	rVB	106494	144723	21.28%	2.092%
21	14.356	1953	1960	1969	rVB	233139	352073	51.77%	5.089%
22	14.556	1990	1994	1998	rBV3	3620	5450	0.80%	0.079%
23	14.667	2006	2013	2020	rVB3	169746	274937	40.43%	3.974%
24	14.761	2020	2029	2033	rBV5	2391	3624	0.53%	0.052%
25	14.855	2039	2045	2051	rBV2	26188	41194	6.06%	0.595%
26	15.002	2066	2070	2072	rBV2	1244	1593	0.23%	0.023%
27	15.061	2076	2080	2081	rBV3	1320	1501	0.22%	0.022%
28	15.173	2095	2099	2106	rVB3	1558	2850	0.42%	0.041%
29	15.243	2109	2111	2116	rVB3	1866	1934	0.28%	0.028%
30	15.402	2132	2138	2142	rVB	6848	8863	1.30%	0.128%
31	15.478	2144	2151	2155	rBV	84730	118183	17.38%	1.708%
32	15.514	2155	2157	2162	rVB	11369	11170	1.64%	0.161%
33	15.655	2175	2181	2188	rVB	321787	470498	69.19%	6.801%
34	15.766	2194	2200	2207	rBV	114005	161666	23.77%	2.337%

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35	15.895	2218	2222	2225	rBV4	3904	6762	0.99%	0.098%
36	16.013	2240	2242	2246	rVB3	1363	1719	0.25%	0.025%
37	16.072	2246	2252	2253	rBV3	2086	2894	0.43%	0.042%
38	16.130	2260	2262	2267	rVB2	1794	1781	0.26%	0.026%
39	16.371	2298	2303	2306	rBV	15128	20169	2.97%	0.292%
40	16.401	2306	2308	2313	rVV	8797	9770	1.44%	0.141%
41	16.489	2319	2323	2327	rVV	9423	12820	1.89%	0.185%
42	16.548	2327	2333	2339	rVV5	9012	17987	2.65%	0.260%
43	16.612	2339	2344	2348	rVV2	10527	13487	1.98%	0.195%
44	16.659	2348	2352	2357	rVB2	6036	7597	1.12%	0.110%
45	16.741	2357	2366	2372	rBV7	6756	20661	3.04%	0.299%
46	16.818	2374	2379	2384	rVB4	9215	16918	2.49%	0.245%
47	16.877	2384	2389	2393	rBV	11795	15883	2.34%	0.230%
48	16.912	2393	2395	2398	rVV3	1502	1880	0.28%	0.027%
49	16.953	2398	2402	2406	rVB4	5443	7022	1.03%	0.102%
50	17.165	2432	2438	2444	rBV	14653	21204	3.12%	0.307%
51	17.217	2444	2447	2452	rVB4	4198	6274	0.92%	0.091%
52	17.300	2460	2461	2466	rBV4	1175	1372	0.20%	0.020%
53	17.370	2468	2473	2474	rBV5	1345	1412	0.21%	0.020%
54	17.411	2474	2480	2486	rBV	240422	353286	51.95%	5.107%
55	17.511	2490	2497	2505	rVV	373271	555061	81.63%	8.023%
56	17.640	2517	2519	2526	rVB4	1168	1805	0.27%	0.026%
57	17.705	2526	2530	2533	rBV3	1308	1640	0.24%	0.024%
58	17.770	2539	2541	2543	rBV2	2666	2998	0.44%	0.043%
59	17.905	2560	2564	2569	rBV	11380	12599	1.85%	0.182%
60	18.087	2592	2595	2598	rVB5	1093	1541	0.23%	0.022%
61	18.199	2612	2614	2617	rVB3	1410	1486	0.22%	0.021%
62	18.263	2622	2625	2626	rBV3	1532	1459	0.21%	0.021%
63	18.304	2626	2632	2638	rBV	51858	74563	10.96%	1.078%
64	18.451	2655	2657	2662	rVB4	1878	2838	0.42%	0.041%
65	18.598	2679	2682	2685	rBV4	6276	7910	1.16%	0.114%
66	18.727	2698	2704	2709	rBV5	3310	4942	0.73%	0.071%
67	18.851	2721	2725	2726	rBV3	1501	1686	0.25%	0.024%
68	18.886	2728	2731	2734	rVB5	1379	1543	0.23%	0.022%
69	19.103	2765	2768	2771	rBV5	2796	2861	0.42%	0.041%
70	19.162	2776	2778	2780	rVV3	1911	1482	0.22%	0.021%
71	19.227	2787	2789	2792	rBV3	1886	2123	0.31%	0.031%

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72	19.286	2795	2799	2801	rBV5	1230	2071	0.30%	0.030%
73	19.309	2801	2803	2806	rVB4	1741	1471	0.22%	0.021%
74	19.432	2820	2824	2830	rBV4	5327	11229	1.65%	0.162%
75	19.532	2839	2841	2844	rVB3	1706	1446	0.21%	0.021%
76	19.573	2844	2848	2860	rBV6	20113	38369	5.64%	0.555%
77	19.709	2863	2871	2878	rVB2	62634	79298	11.66%	1.146%
78	19.797	2880	2886	2892	rBV	484089	680012	100.00%	9.830%
79	20.296	2969	2971	2972	rBV2	2640	2036	0.30%	0.029%
80	20.337	2976	2978	2979	rVB	3029	1610	0.24%	0.023%
81	20.467	2998	3000	3003	rBV3	2767	2533	0.37%	0.037%
82	20.831	3060	3062	3064	rVB3	3755	2610	0.38%	0.038%
83	21.330	3142	3147	3154	rBV	69705	103938	15.28%	1.502%
84	21.683	3201	3207	3214	rVB	274351	442463	65.07%	6.396%
85	21.818	3228	3230	3231	rBV2	3637	2919	0.43%	0.042%
86	21.888	3240	3242	3248	rVB7	6289	9018	1.33%	0.130%
87	23.398	3497	3499	3505	rVB5	8442	10619	1.56%	0.153%
88	23.792	3562	3566	3571	rBV7	4714	10065	1.48%	0.145%
89	24.015	3602	3604	3605	rBV2	6461	4284	0.63%	0.062%
90	24.526	3689	3691	3692	rBV2	3703	2575	0.38%	0.037%
91	24.697	3710	3720	3731	rBV	238771	640634	94.21%	9.260%
92	24.920	3749	3758	3768	rBV3	133533	381519	56.10%	5.515%
93	26.136	3958	3965	3966	rBV6	11387	18133	2.67%	0.262%
94	26.230	3979	3981	3982	rBV2	5979	3790	0.56%	0.055%
95	26.248	3982	3984	3985	rBV2	3808	2803	0.41%	0.041%
96	30.232	4661	4662	4665	rBV3	3872	3868	0.57%	0.056%
97	30.954	4783	4785	4786	rBV2	3324	2358	0.35%	0.034%
98	31.418	4862	4864	4865	rBV2	2818	1623	0.24%	0.023%
99	31.530	4881	4883	4884	rBV	3243	1976	0.29%	0.029%
100	31.712	4912	4914	4915	rVB2	3843	1857	0.27%	0.027%

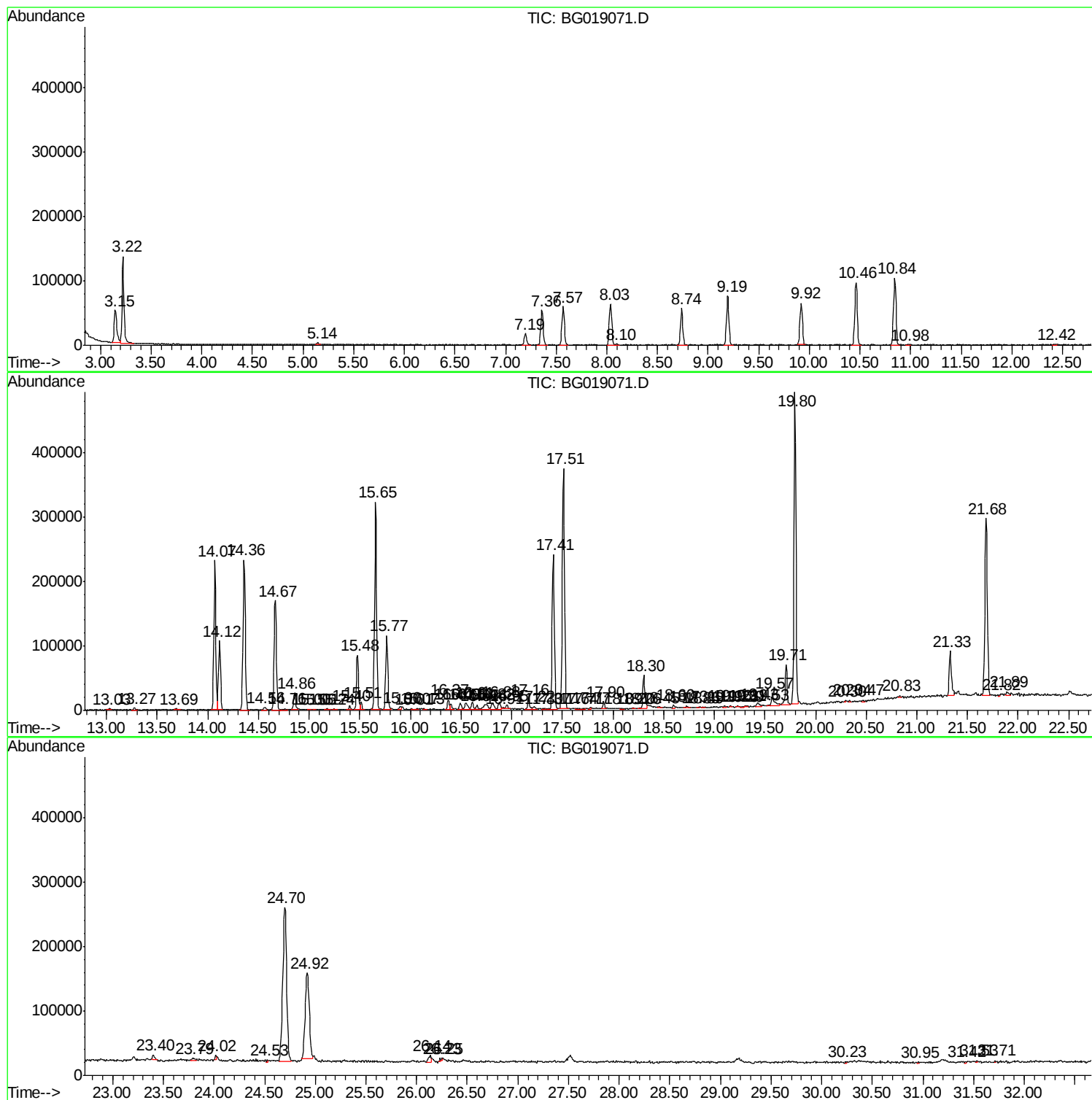
Sum of corrected areas: 6917967

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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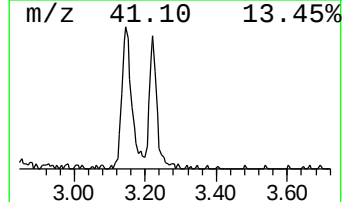
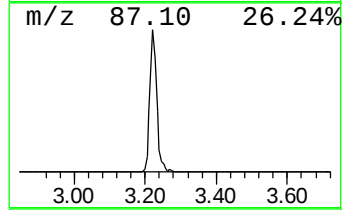
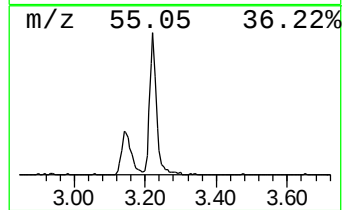
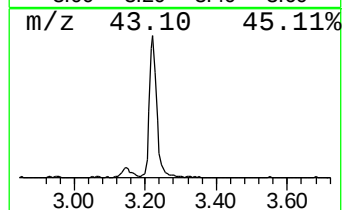
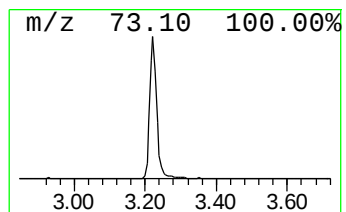
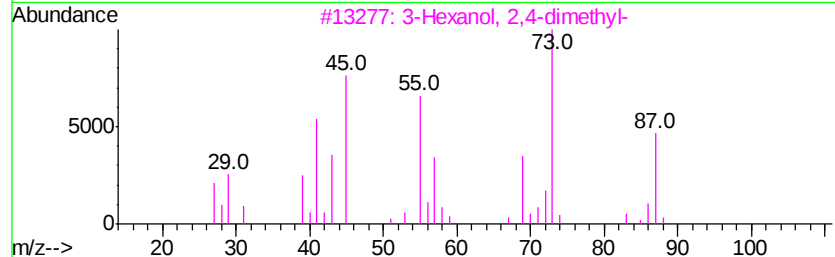
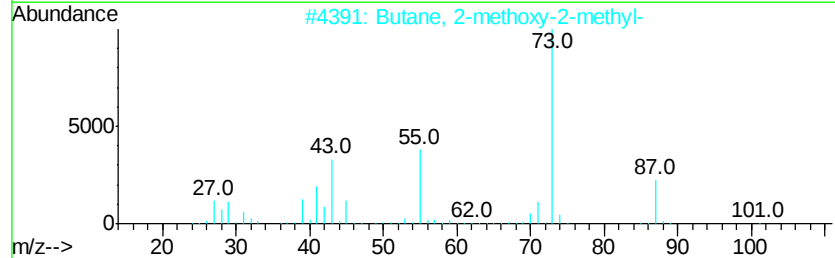
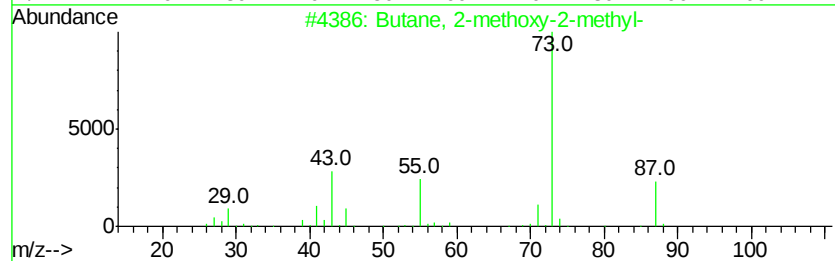
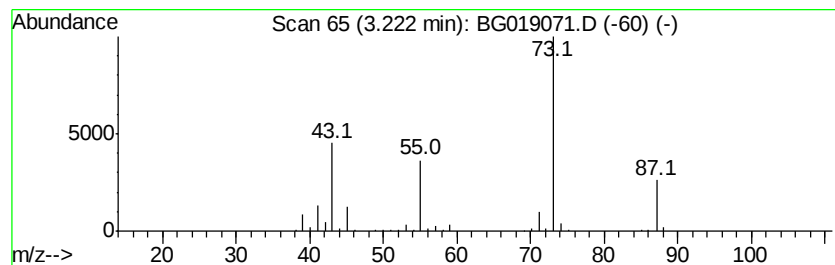
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	35.09 ng/ul	190600	1,4-Dichlorobenzene-d4	8.04

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	56
3		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23



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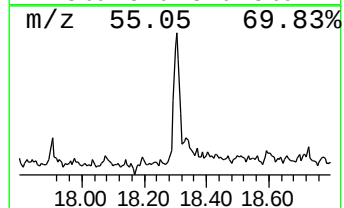
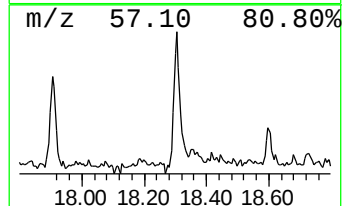
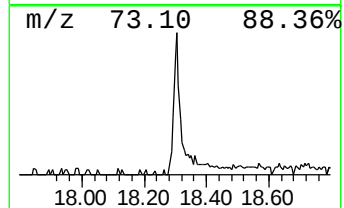
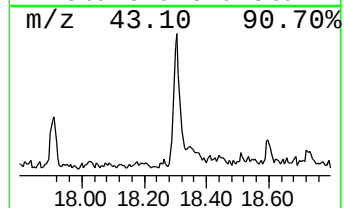
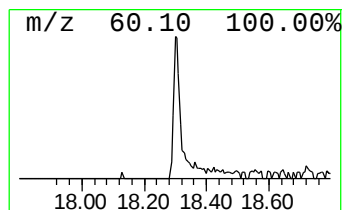
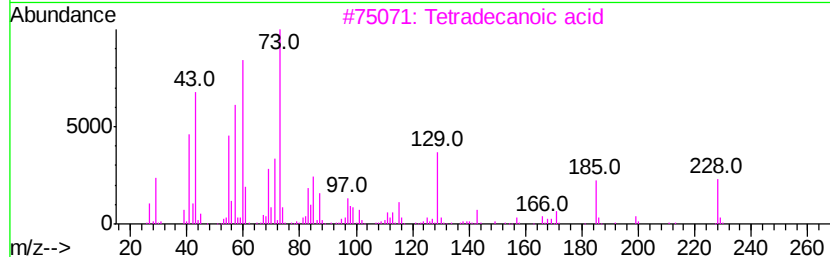
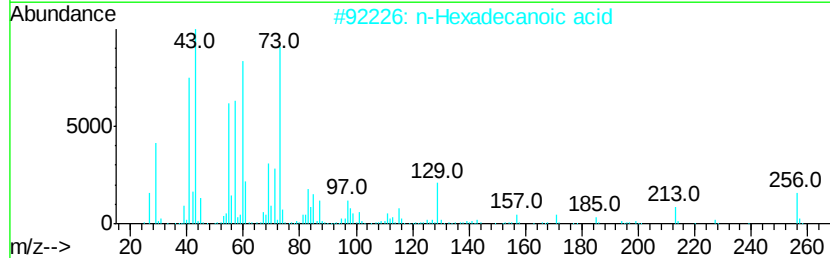
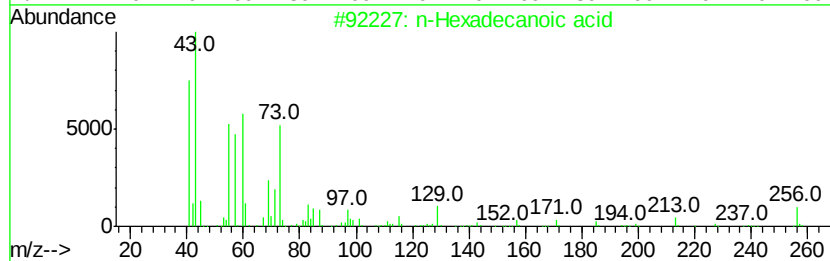
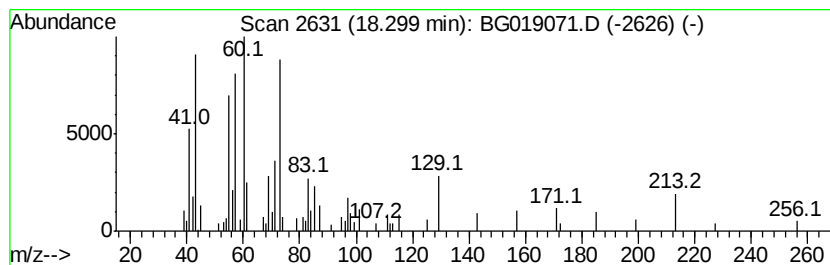
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.22 ng/ul	74563	Phenanthrene-d10	17.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59	



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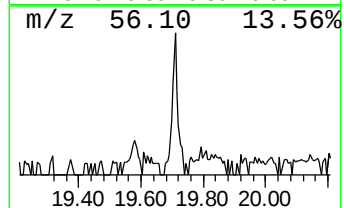
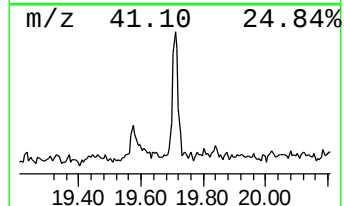
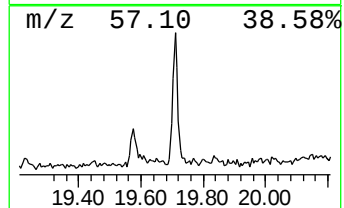
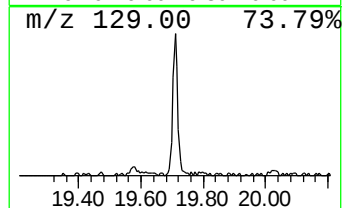
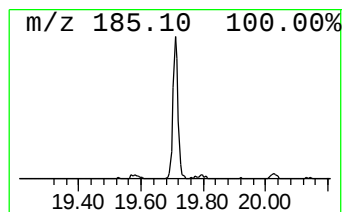
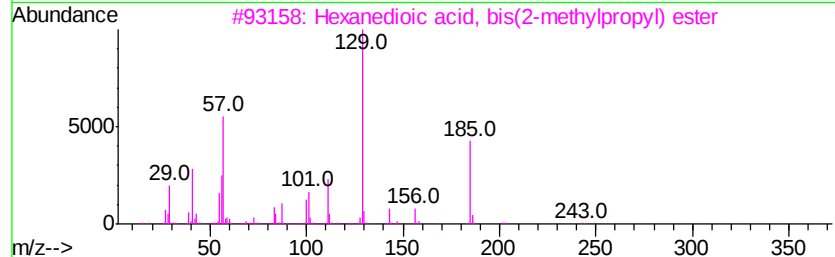
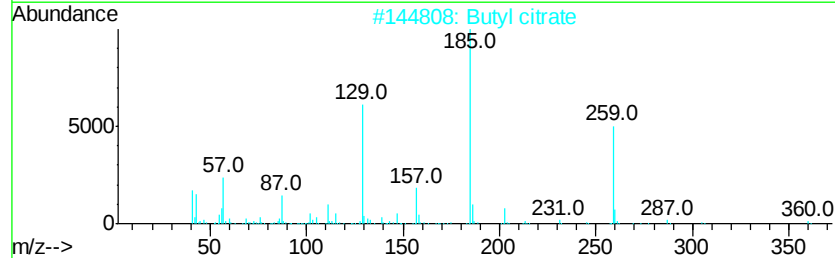
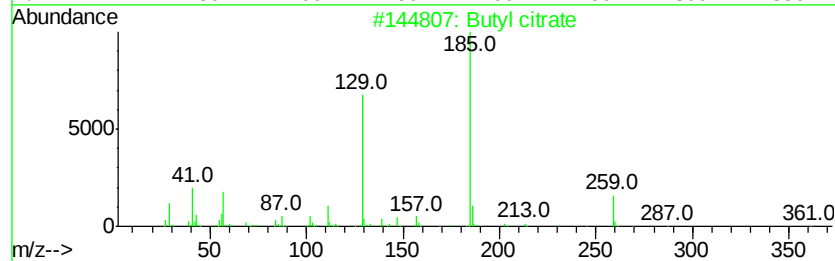
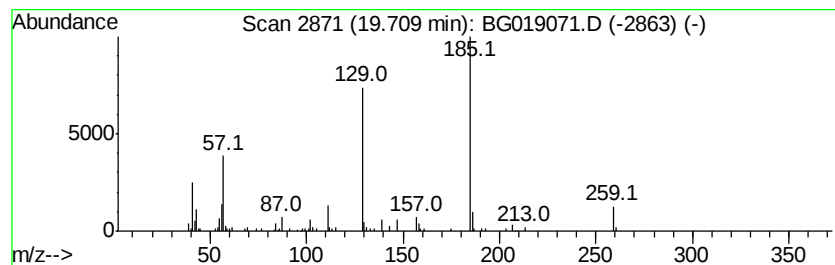
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Peak Number 4 Butyl citrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	3.58 ng/ul	79298	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butyl citrate	360	C18H32O7	000077-94-1	87
2		Butyl citrate	360	C18H32O7	000077-94-1	72
3		Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
4		Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
5		Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100815\
Data File : BG019071.D
Acq On : 8 Oct 2015 18:12
Operator : UM/NP
Sample : G3915-01RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03G2RX

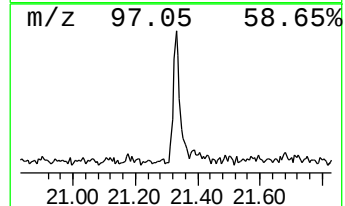
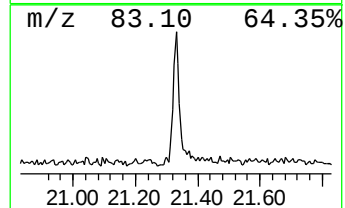
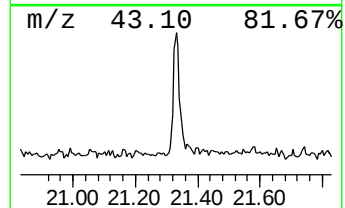
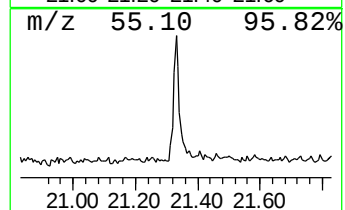
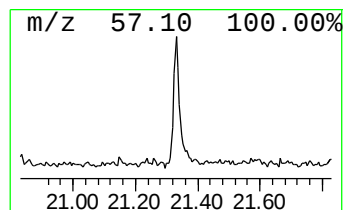
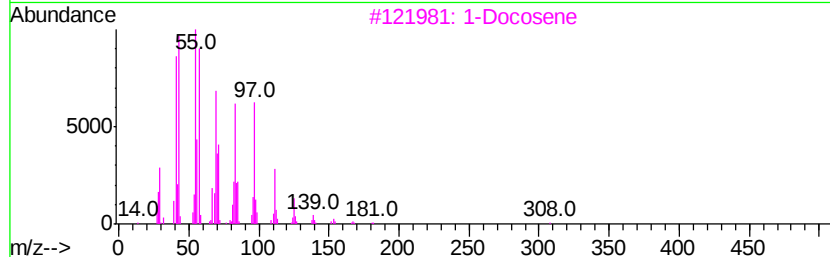
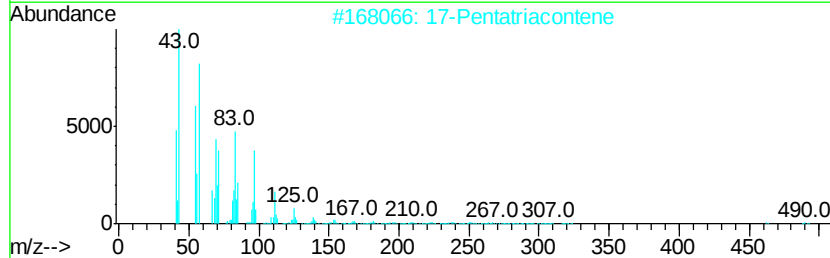
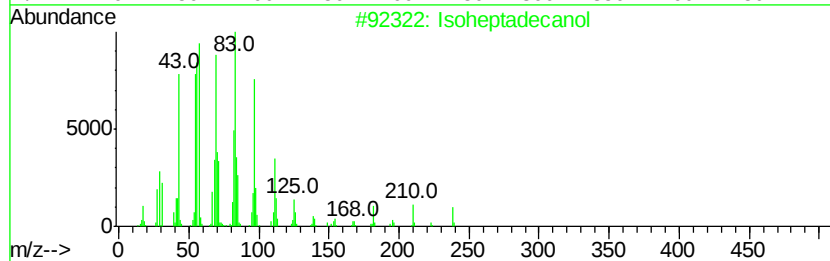
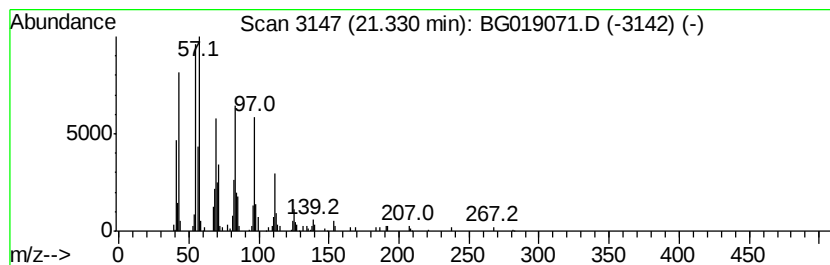
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Isoheptadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.70 ng/ul	103938	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isoheptadecanol	256	C17H36O	057289-07-3	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100815\
Data File : BG019071.D
Acq On : 8 Oct 2015 18:12
Operator : UM/NP
Sample : G3915-01RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03G2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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...	3.22	35.1	ng/ul	190600	1	8.04	108647	20.0
n-Hexadecanoic acid	18.30	4.2	ng/ul	74563	4	17.41	353286	20.0
Butyl citrate	19.71	3.6	ng/ul	79298	5	21.68	442463	20.0
Isoheptadecanol	21.33	4.7	ng/ul	103938	5	21.68	442463	20.0