

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019009.D
 Acq On : 4 Oct 2015 17:47
 Operator : UM/NP
 Sample : G3851-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0GG8

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	2.952	18	19	23	rVB2	2028	1910	0.17%	0.017%
2	3.169	49	56	64	rBV	76284	191870	17.41%	1.738%
3	3.246	64	69	86	rVV	213231	376857	34.20%	3.414%
4	3.510	110	114	118	rBV4	1699	2668	0.24%	0.024%
5	4.256	236	241	244	rVB3	1095	1592	0.14%	0.014%
6	5.161	392	395	401	rVB3	1372	1848	0.17%	0.017%
7	7.194	735	741	751	rVB	33130	58768	5.33%	0.532%
8	7.370	764	771	779	rBV	116742	189170	17.17%	1.714%
9	7.576	799	806	813	rBV	118747	195160	17.71%	1.768%
10	8.046	878	886	894	rBV	128655	215056	19.52%	1.948%
11	8.739	997	1004	1011	rVB	98250	162327	14.73%	1.471%
12	9.203	1076	1083	1090	rBV	140984	243820	22.13%	2.209%
13	9.926	1199	1206	1214	rVB	113360	194988	17.70%	1.766%
14	10.461	1290	1297	1305	rVB	172258	295998	26.86%	2.681%
15	10.848	1354	1363	1372	rBV	181483	324769	29.47%	2.942%
16	10.978	1378	1385	1394	rVB3	8948	14729	1.34%	0.133%
17	12.300	1608	1610	1617	rVB3	1610	2363	0.21%	0.021%
18	12.423	1628	1631	1637	rVB4	2209	3524	0.32%	0.032%
19	13.040	1726	1736	1739	rBV4	2162	3802	0.35%	0.034%
20	13.281	1773	1777	1783	rVB4	4158	5828	0.53%	0.053%
21	13.569	1819	1826	1829	rBV3	975	1366	0.12%	0.012%
22	14.074	1905	1912	1917	rBV	330631	468311	42.50%	4.242%
23	14.121	1917	1920	1927	rVB	39422	48926	4.44%	0.443%
24	14.309	1947	1952	1954	rBV3	1245	1728	0.16%	0.016%
25	14.362	1954	1961	1968	rVB	380683	583162	52.92%	5.283%
26	14.574	1993	1997	2000	rBV4	2039	2880	0.26%	0.026%
27	14.668	2007	2013	2022	rVB2	275866	446409	40.51%	4.044%
28	14.832	2036	2041	2048	rBV	37053	56178	5.10%	0.509%
29	14.920	2052	2056	2060	rVB3	967	1545	0.14%	0.014%
30	15.079	2075	2083	2086	rBV3	1192	1884	0.17%	0.017%
31	15.190	2098	2102	2103	rBV3	1311	1412	0.13%	0.013%
32	15.472	2145	2150	2154	rVV3	3301	5463	0.50%	0.049%
33	15.525	2154	2159	2162	rVB2	7408	10401	0.94%	0.094%
34	15.660	2175	2182	2189	rBV	490483	746848	67.78%	6.766%

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35	15.760	2194	2199	2205	rBV	158741	225639	20.48%	2.044%
36	15.901	2216	2223	2225	rBV3	4795	8372	0.76%	0.076%
37	15.925	2225	2227	2231	rVB3	2851	3598	0.33%	0.033%
38	16.019	2240	2243	2249	rVB4	1211	1935	0.18%	0.018%
39	16.072	2249	2252	2255	rBV3	1538	2178	0.20%	0.020%
40	16.142	2261	2264	2268	rVB3	1462	1794	0.16%	0.016%
41	16.383	2301	2305	2307	rBV	13453	16428	1.49%	0.149%
42	16.407	2307	2309	2313	rVB2	4515	6029	0.55%	0.055%
43	16.554	2330	2334	2338	rVB4	3179	4000	0.36%	0.036%
44	16.653	2349	2351	2356	rVB3	1304	1882	0.17%	0.017%
45	16.724	2359	2363	2365	rBV2	2343	3834	0.35%	0.035%
46	16.789	2370	2374	2376	rVV4	1289	1980	0.18%	0.018%
47	16.818	2376	2379	2382	rVV5	2345	2936	0.27%	0.027%
48	16.953	2399	2402	2407	rBV4	1314	1902	0.17%	0.017%
49	17.112	2425	2429	2430	rBV4	1476	1853	0.17%	0.017%
50	17.176	2435	2440	2446	rBV2	16425	24765	2.25%	0.224%
51	17.229	2446	2449	2453	rVB3	3227	4552	0.41%	0.041%
52	17.411	2474	2480	2488	rVB2	391199	580238	52.66%	5.256%
53	17.511	2489	2497	2503	rVV2	552577	850285	77.16%	7.703%
54	17.593	2509	2511	2515	rVB4	1976	2419	0.22%	0.022%
55	17.652	2518	2521	2524	rVV4	1291	1358	0.12%	0.012%
56	17.840	2550	2553	2557	rVB3	2030	3026	0.27%	0.027%
57	17.876	2557	2559	2561	rBV2	2424	1649	0.15%	0.015%
58	17.917	2561	2566	2568	rBV2	9954	13069	1.19%	0.118%
59	18.146	2604	2605	2608	rBV3	1641	1694	0.15%	0.015%
60	18.175	2608	2610	2611	rBV	2330	1406	0.13%	0.013%
61	18.304	2626	2632	2639	rVV	83292	129642	11.77%	1.174%
62	18.357	2639	2641	2642	rVV	4000	3079	0.28%	0.028%
63	18.375	2642	2644	2646	rVB3	3423	2908	0.26%	0.026%
64	18.510	2663	2667	2671	rBV5	2502	4718	0.43%	0.043%
65	18.551	2671	2674	2676	rVB4	1629	1394	0.13%	0.013%
66	18.604	2680	2683	2686	rVV3	6866	7782	0.71%	0.070%
67	18.698	2698	2699	2701	rVB2	2029	1405	0.13%	0.013%
68	18.745	2704	2707	2710	rVB4	2773	3301	0.30%	0.030%
69	18.774	2710	2712	2715	rBV3	2211	2217	0.20%	0.020%
70	18.810	2715	2718	2723	rBV7	1626	3039	0.28%	0.028%
71	18.974	2742	2746	2748	rBV4	2921	3699	0.34%	0.034%

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72	19.015	2751	2753	2754	rBV2	1890	1388	0.13%	0.013%
73	19.145	2773	2775	2777	rVB3	1936	1374	0.12%	0.012%
74	19.227	2787	2789	2792	rVB4	3429	3026	0.27%	0.027%
75	19.321	2804	2805	2807	rBV2	2456	2055	0.19%	0.019%
76	19.362	2810	2812	2814	rVB3	2328	1886	0.17%	0.017%
77	19.386	2814	2816	2817	rBV2	1655	1466	0.13%	0.013%
78	19.427	2819	2823	2826	rBV3	11098	16100	1.46%	0.146%
79	19.574	2844	2848	2855	rBV	39890	61183	5.55%	0.554%
80	19.679	2862	2866	2869	rBV2	6192	10683	0.97%	0.097%
81	19.720	2869	2873	2879	rVB	88839	96882	8.79%	0.878%
82	19.791	2879	2885	2890	rBV	755907	1066674	96.80%	9.663%
83	19.838	2890	2893	2899	rVB3	18609	21856	1.98%	0.198%
84	20.061	2929	2931	2933	rBV3	2452	1811	0.16%	0.016%
85	20.126	2940	2942	2943	rBV2	3551	2882	0.26%	0.026%
86	20.337	2975	2978	2982	rVB5	5672	7185	0.65%	0.065%
87	20.649	3028	3031	3034	rBV5	4457	6884	0.62%	0.062%
88	20.760	3046	3050	3055	rVB2	62916	73815	6.70%	0.669%
89	20.825	3059	3061	3065	rVV2	12098	16327	1.48%	0.148%
90	20.866	3065	3068	3071	rVB5	8734	9608	0.87%	0.087%
91	21.330	3142	3147	3154	rBV2	65137	116469	10.57%	1.055%
92	21.671	3199	3205	3212	rVB	462157	777614	70.57%	7.044%
93	21.888	3238	3242	3248	rVB4	16319	24816	2.25%	0.225%
94	22.511	3343	3348	3354	rBV3	14283	26326	2.39%	0.238%
95	22.846	3403	3405	3406	rBV	3882	2012	0.18%	0.018%
96	23.169	3455	3460	3463	rBV2	18446	32668	2.96%	0.296%
97	24.021	3601	3605	3612	rVB3	11115	21583	1.96%	0.196%
98	24.673	3705	3716	3732	rVB	407194	1101908	100.00%	9.982%
99	24.891	3743	3753	3764	rBV2	267963	730341	66.28%	6.616%
100	26.119	3960	3962	3963	rBV2	6876	6279	0.57%	0.057%

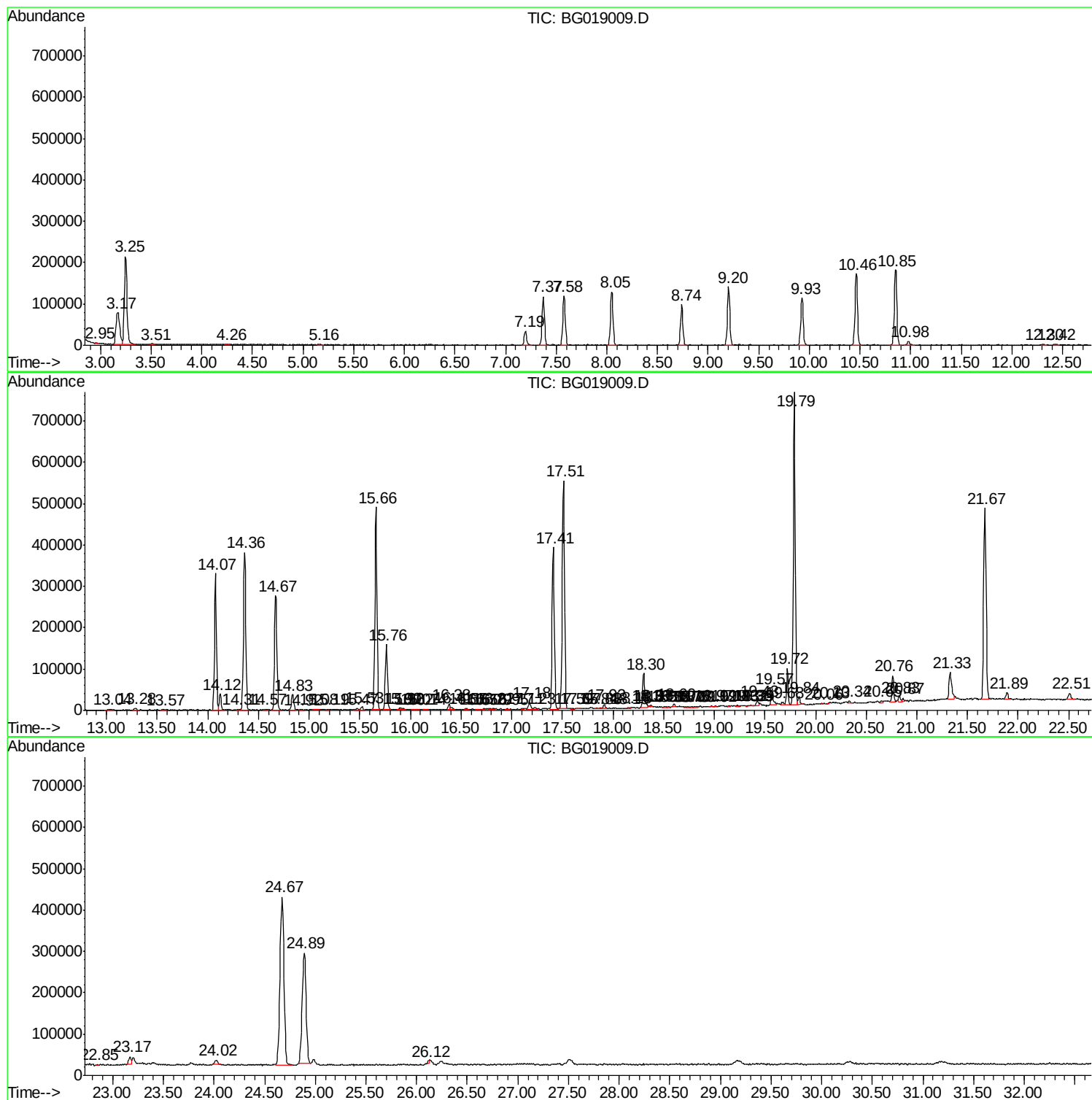
Sum of corrected areas: 11038666

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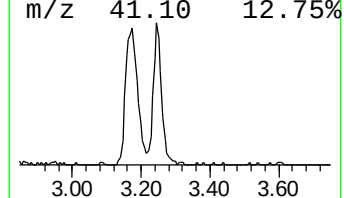
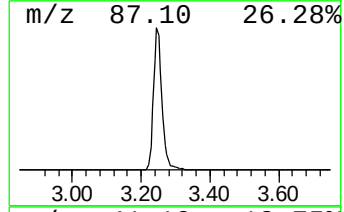
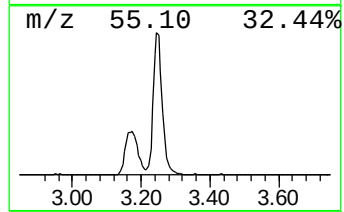
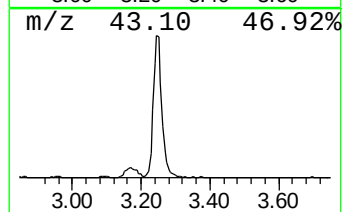
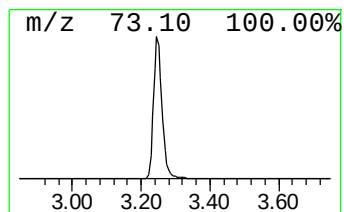
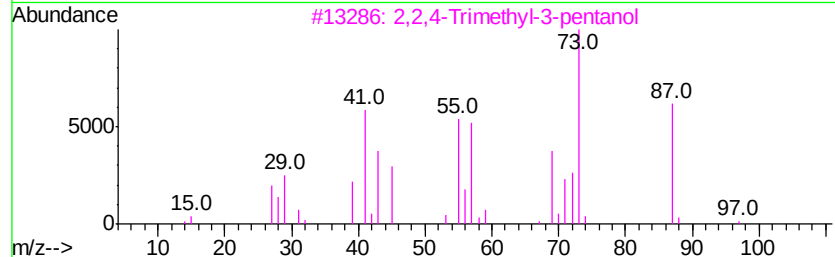
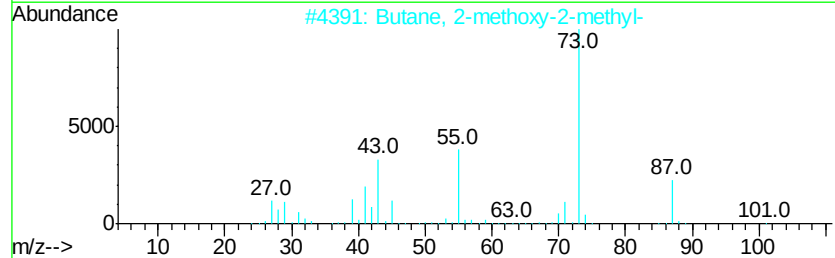
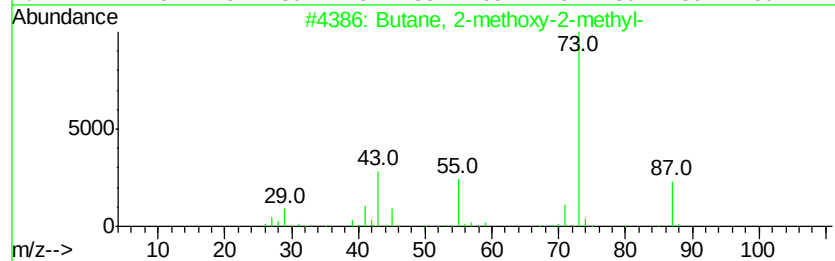
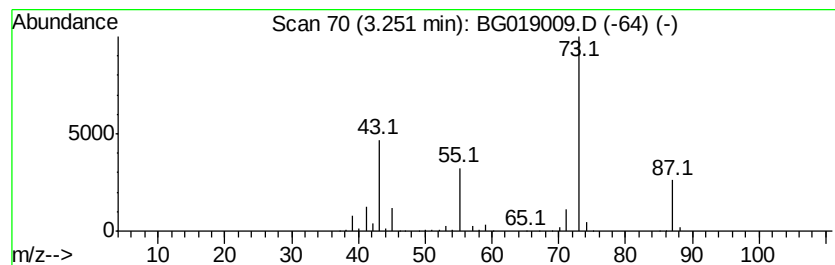
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.25	35.05 ng/ul	376857	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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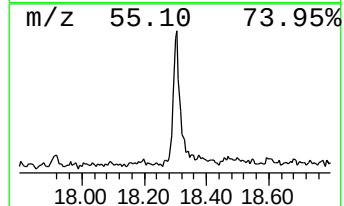
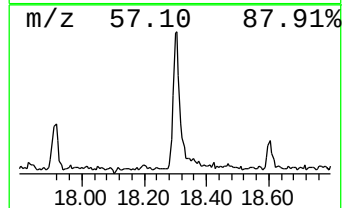
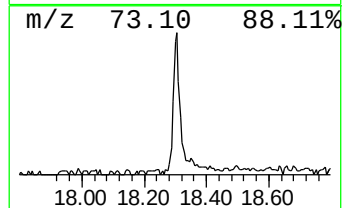
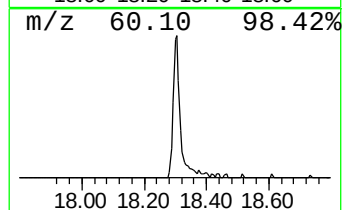
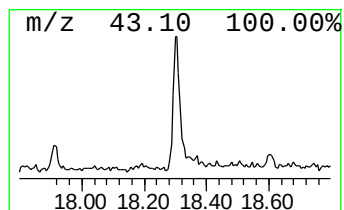
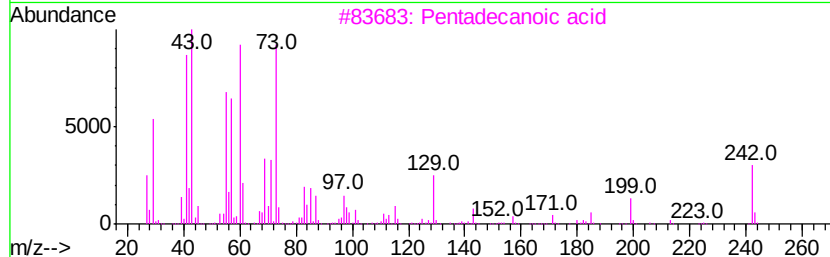
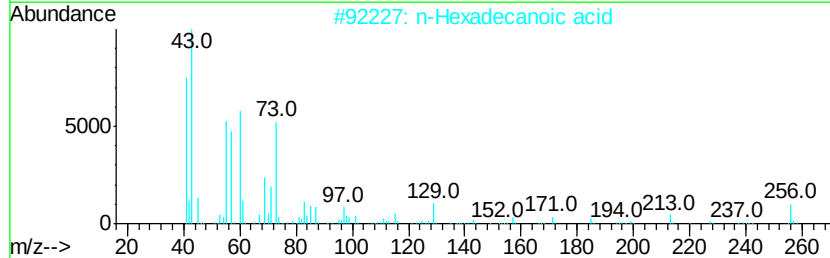
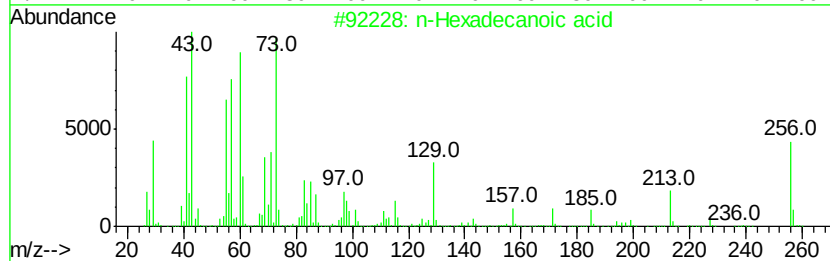
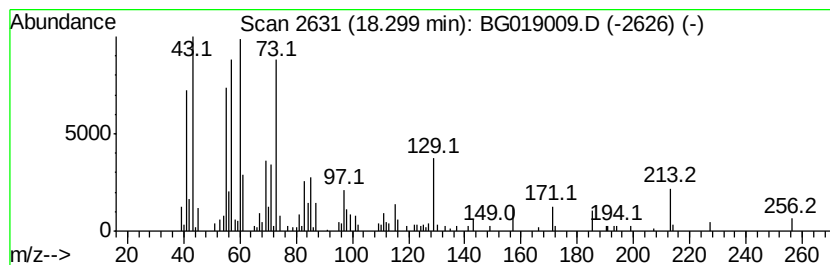
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.47 ng/ul	129642	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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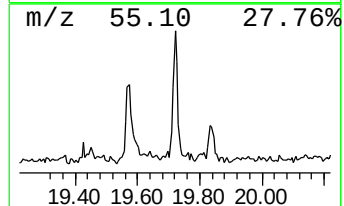
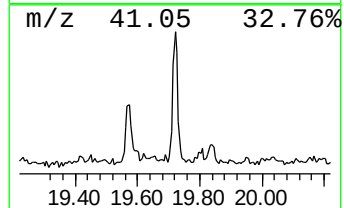
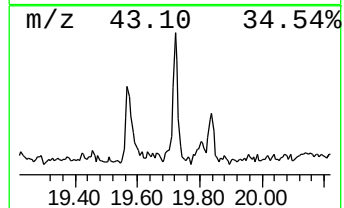
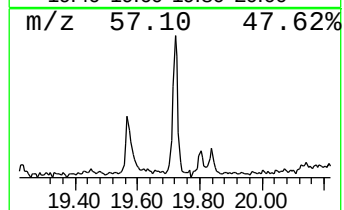
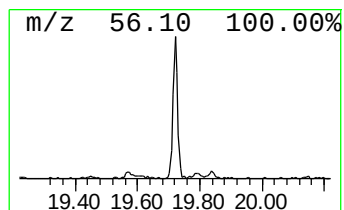
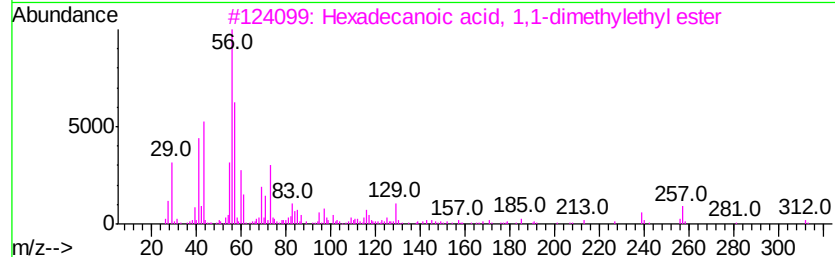
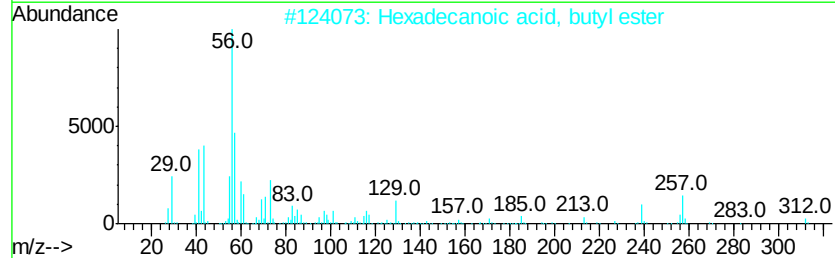
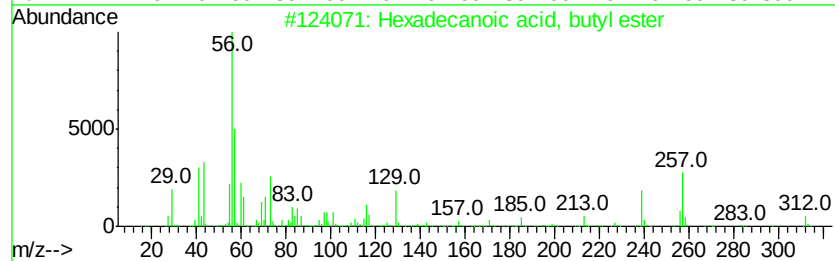
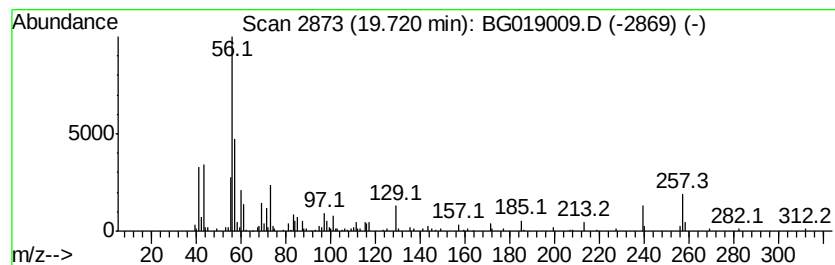
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.49 ng/ul	96882	Chrysene-d12	21.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	80
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019009.D
Acq On : 4 Oct 2015 17:47
Operator : UM/NP
Sample : G3851-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0GG8

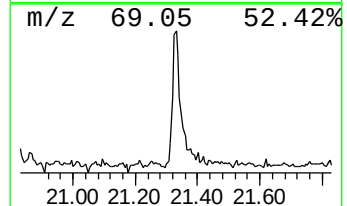
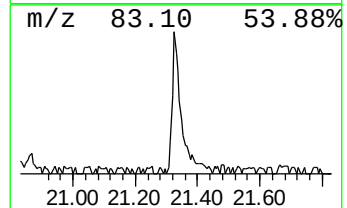
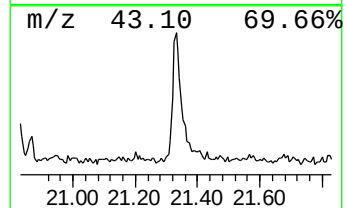
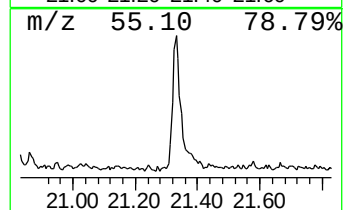
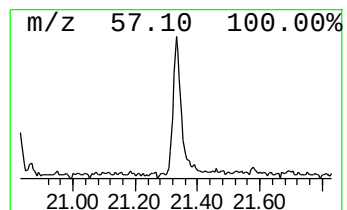
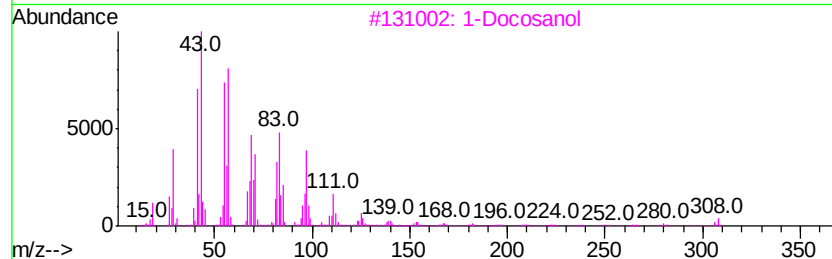
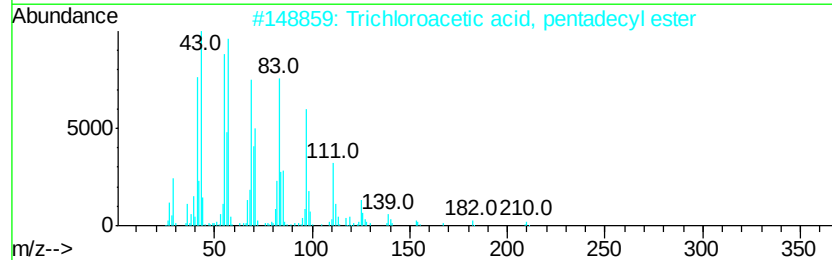
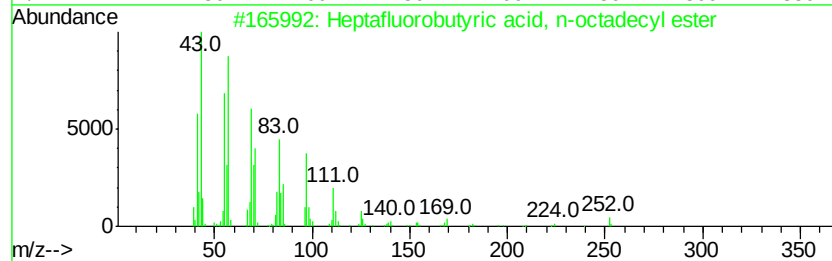
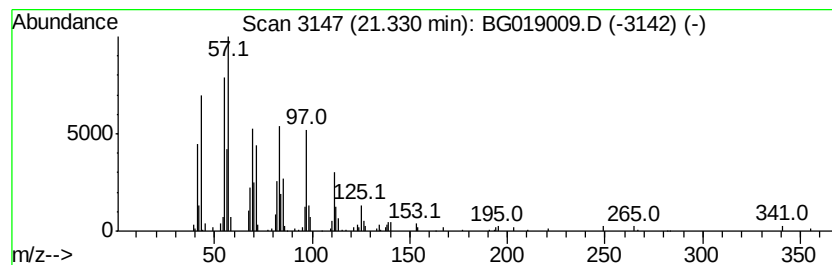
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.00 ng/ul	116469	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		1-Docosanol	326	C22H46O	000661-19-8	91
4		Cyclotetracosane	336	C24H48	000297-03-0	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90



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ALS Vial : 11 Sample Multiplier: 1

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BNA_G
ClientSampleId :
C0GG8

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...	3.25	35.0	ng/ul	376857	1	8.05	215056	20.0
n-Hexadecanoic acid	18.30	4.5	ng/ul	129642	4	17.41	580238	20.0
Hexadecanoic acid...	19.72	2.5	ng/ul	96882	5	21.67	777614	20.0
Heptafluorobutyri...	21.33	3.0	ng/ul	116469	5	21.67	777614	20.0