

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
 Data File : BG019465.D
 Acq On : 3 Nov 2015 23:18
 Operator : UM/NP
 Sample : G4211-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7H3

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-BG102815.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	3.126	44	49	58	rVV3	33842	71058	3.21%	0.384%
2	3.209	58	63	73	rVV	113635	169620	7.66%	0.917%
3	3.485	106	110	114	rVB4	6230	9416	0.43%	0.051%
4	3.784	156	161	164	rBV4	2325	4442	0.20%	0.024%
5	4.272	238	244	261	rVB	1408299	2215474	100.00%	11.972%
6	7.133	728	731	737	rBV4	4345	8183	0.37%	0.044%
7	7.327	757	764	777	rVB	182628	305552	13.79%	1.651%
8	7.492	785	792	800	rBV	134026	216504	9.77%	1.170%
9	7.709	821	829	838	rVB	163689	283690	12.80%	1.533%
10	8.179	902	909	917	rBV	122582	207404	9.36%	1.121%
11	8.884	1020	1029	1038	rBV	223446	392886	17.73%	2.123%
12	9.354	1101	1109	1115	rBV	180516	318503	14.38%	1.721%
13	9.443	1121	1124	1131	rVB6	5978	9291	0.42%	0.050%
14	10.077	1224	1232	1241	rBV2	171385	310969	14.04%	1.680%
15	10.283	1262	1267	1276	rVB3	9300	18714	0.84%	0.101%
16	10.624	1317	1325	1335	rBV	252634	440716	19.89%	2.382%
17	11.005	1383	1390	1403	rVB	170275	313934	14.17%	1.696%
18	11.141	1405	1413	1421	rBV	215267	395589	17.86%	2.138%
19	12.580	1654	1658	1663	rVB2	5019	7427	0.34%	0.040%
20	13.062	1738	1740	1747	rBV3	5427	9064	0.41%	0.049%
21	13.168	1752	1758	1764	rVV3	6561	10134	0.46%	0.055%
22	13.414	1796	1800	1804	rBV2	7519	10214	0.46%	0.055%
23	13.685	1841	1846	1850	rBV4	3298	6072	0.27%	0.033%
24	14.208	1927	1935	1939	rBV	487201	739258	33.37%	3.995%
25	14.249	1939	1942	1950	rVB	202288	279002	12.59%	1.508%
26	14.431	1967	1973	1975	rBV3	2894	4595	0.21%	0.025%
27	14.507	1978	1986	1995	rVV	501787	777762	35.11%	4.203%
28	14.648	2006	2010	2014	rBV2	18823	25588	1.15%	0.138%
29	14.813	2031	2038	2047	rBV2	325282	510740	23.05%	2.760%
30	14.995	2063	2069	2076	rBV	286797	448557	20.25%	2.424%
31	15.195	2097	2103	2109	rBV2	52623	76293	3.44%	0.412%
32	15.582	2163	2169	2174	rBV	12663	19672	0.89%	0.106%
33	15.629	2174	2177	2181	rVB3	10805	12809	0.58%	0.069%
34	15.800	2198	2206	2213	rVV	686794	1040968	46.99%	5.625%

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35	15.906	2218	2224	2233	rBV	291813	429485	19.39%	2.321%
36	16.035	2243	2246	2251	rVB4	11538	17438	0.79%	0.094%
37	16.487	2317	2323	2330	rVV3	20879	41883	1.89%	0.226%
38	16.558	2332	2335	2336	rVV3	3570	3973	0.18%	0.021%
39	16.575	2336	2338	2342	rVV3	4055	5433	0.25%	0.029%
40	16.669	2348	2354	2360	rBV5	8752	16402	0.74%	0.089%
41	16.916	2393	2396	2400	rBV4	9756	13299	0.60%	0.072%
42	16.998	2406	2410	2414	rVB5	4049	5068	0.23%	0.027%
43	17.145	2431	2435	2442	rBV5	4129	6874	0.31%	0.037%
44	17.280	2454	2458	2462	rBV2	23039	31591	1.43%	0.171%
45	17.333	2462	2467	2470	rVV4	8584	11560	0.52%	0.062%
46	17.551	2494	2504	2510	rBV	473425	725131	32.73%	3.918%
47	17.592	2510	2511	2514	rVV3	7174	7216	0.33%	0.039%
48	17.651	2514	2521	2528	rVB	833045	1248315	56.35%	6.746%
49	17.809	2546	2548	2553	rBV6	4371	6217	0.28%	0.034%
50	17.897	2560	2563	2568	rBV6	5841	10850	0.49%	0.059%
51	18.015	2579	2583	2588	rVB3	18963	26003	1.17%	0.141%
52	18.179	2610	2611	2617	rBV5	3362	5215	0.24%	0.028%
53	18.303	2627	2632	2636	rBV5	14807	22964	1.04%	0.124%
54	18.356	2639	2641	2646	rVB5	4892	5114	0.23%	0.028%
55	18.414	2646	2651	2656	rBV3	81202	112254	5.07%	0.607%
56	18.491	2662	2664	2666	rVB	9918	8043	0.36%	0.043%
57	18.544	2671	2673	2677	rBV4	3394	3839	0.17%	0.021%
58	18.602	2681	2683	2688	rVB6	7684	8519	0.38%	0.046%
59	18.702	2697	2700	2704	rBV5	10632	14754	0.67%	0.080%
60	18.832	2719	2722	2726	rVB2	14973	15973	0.72%	0.086%
61	19.014	2751	2753	2756	rVB4	3561	3570	0.16%	0.019%
62	19.149	2773	2776	2780	rBV5	8255	9931	0.45%	0.054%
63	19.260	2792	2795	2801	rBV8	7979	18235	0.82%	0.099%
64	19.325	2801	2806	2810	rVV7	12311	20717	0.94%	0.112%
65	19.384	2813	2816	2817	rBV2	3484	3731	0.17%	0.020%
66	19.448	2824	2827	2828	rBV3	4782	3870	0.17%	0.021%
67	19.560	2842	2846	2854	rVV4	48580	83417	3.77%	0.451%
68	19.672	2863	2865	2871	rVB7	12216	14513	0.66%	0.078%
69	19.777	2880	2883	2884	rBV3	3423	3718	0.17%	0.020%
70	19.813	2884	2889	2894	rVV3	12921	27683	1.25%	0.150%
71	19.866	2896	2898	2899	rVV2	6481	4219	0.19%	0.023%

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72	19.924	2901	2908	2918	rVV	1061772	1561614	70.49%	8.439%
73	20.218	2954	2958	2961	rBV	115915	126237	5.70%	0.682%
74	20.253	2961	2964	2968	rVB	131207	142238	6.42%	0.769%
75	20.688	3036	3038	3039	rBV2	7529	6298	0.28%	0.034%
76	20.741	3045	3047	3048	rBV2	7048	4111	0.19%	0.022%
77	21.117	3109	3111	3114	rVB4	9841	9730	0.44%	0.053%
78	21.211	3123	3127	3131	rBV3	62127	84415	3.81%	0.456%
79	21.252	3131	3134	3140	rVB3	56473	75728	3.42%	0.409%
80	21.440	3162	3166	3177	rBV4	50666	81533	3.68%	0.441%
81	21.828	3225	3232	3239	rBV	617982	1013400	45.74%	5.476%
82	21.993	3258	3260	3261	rBV2	9199	7835	0.35%	0.042%
83	22.339	3317	3319	3323	rBV5	16505	16963	0.77%	0.092%
84	22.533	3350	3352	3353	rBV2	11078	8126	0.37%	0.044%
85	22.709	3380	3382	3384	rBV3	9573	9119	0.41%	0.049%
86	23.191	3460	3464	3471	rVB9	20829	42364	1.91%	0.229%
87	23.555	3524	3526	3527	rBV2	8230	6749	0.30%	0.036%
88	23.790	3564	3566	3567	rBV2	10596	9510	0.43%	0.051%
89	23.861	3574	3578	3584	rBV8	14775	27517	1.24%	0.149%
90	24.466	3679	3681	3682	rBV2	7513	5516	0.25%	0.030%
91	24.948	3753	3763	3776	rVB	575748	1596078	72.04%	8.625%
92	25.183	3792	3803	3813	rVB	322168	954995	43.11%	5.161%
93	26.252	3983	3985	3988	rBV4	7488	7256	0.33%	0.039%
94	26.452	4017	4019	4020	rBV2	7002	4850	0.22%	0.026%
95	28.761	4410	4412	4414	rBV3	6526	5856	0.26%	0.032%
96	29.084	4465	4467	4468	rBV2	7466	6042	0.27%	0.033%
97	29.478	4532	4534	4535	rBV2	6605	6176	0.28%	0.033%
98	29.930	4609	4611	4613	rBV2	6430	5110	0.23%	0.028%
99	30.829	4763	4764	4767	rVB3	6752	3891	0.18%	0.021%
100	32.057	4971	4973	4976	rBV4	7581	9013	0.41%	0.049%

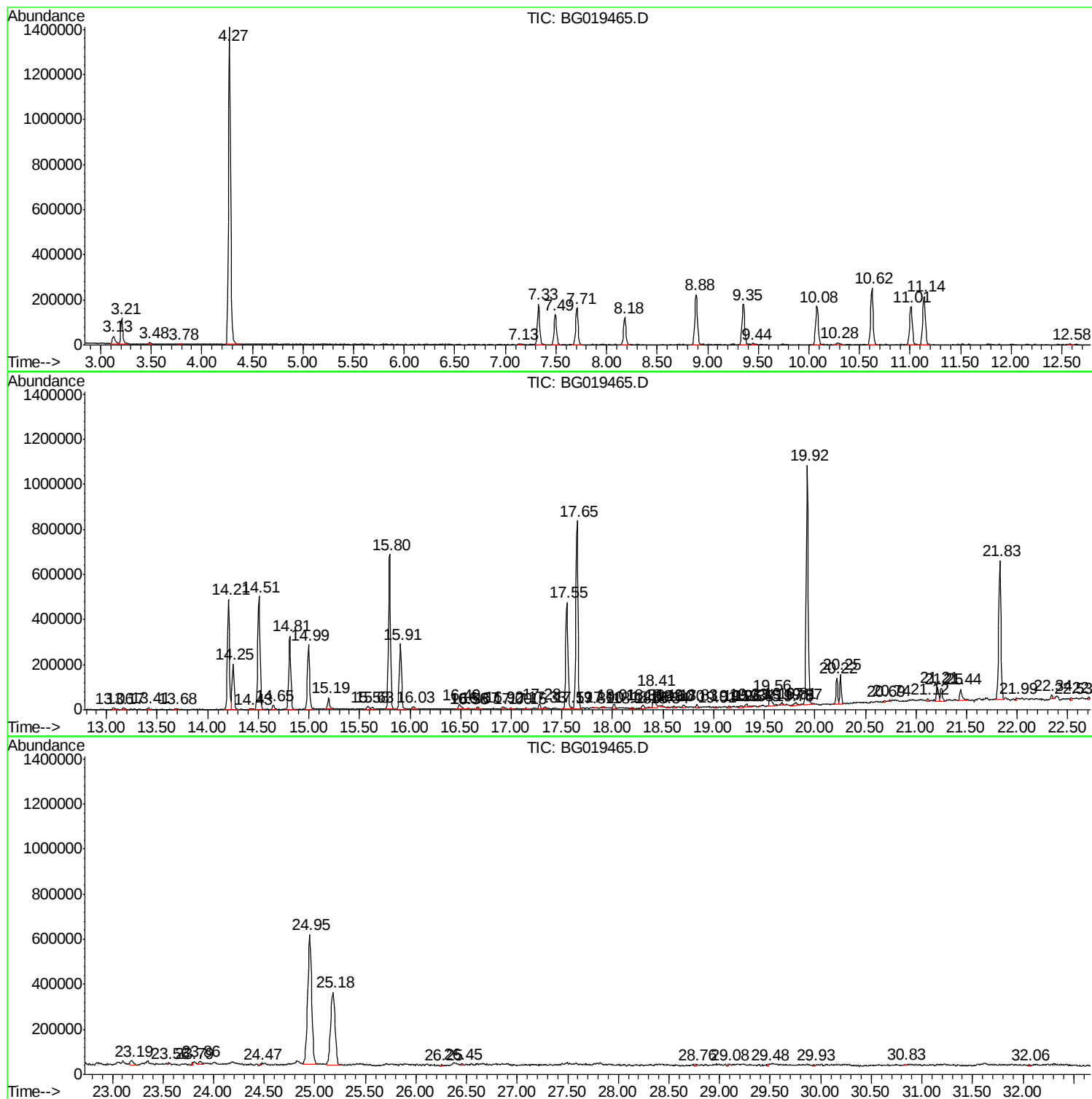
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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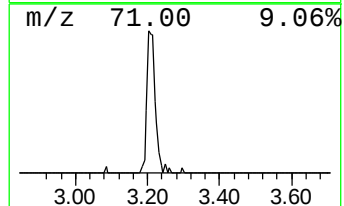
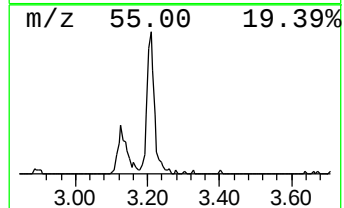
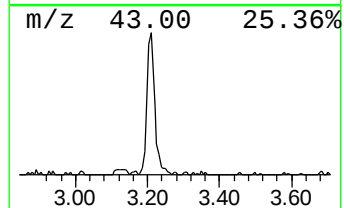
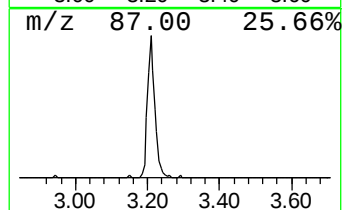
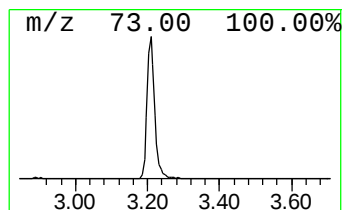
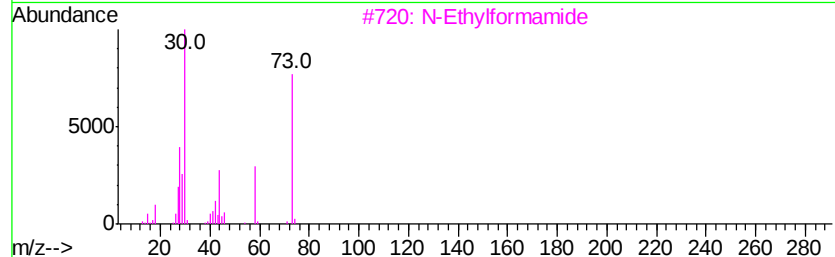
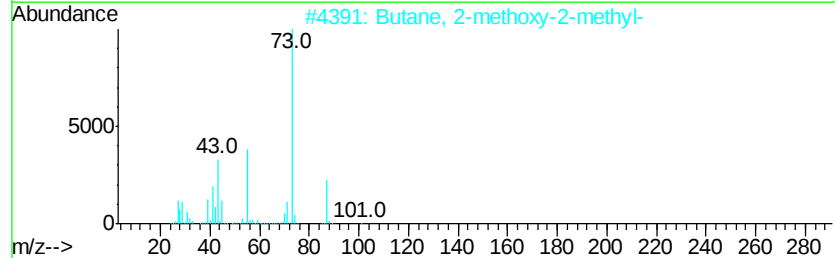
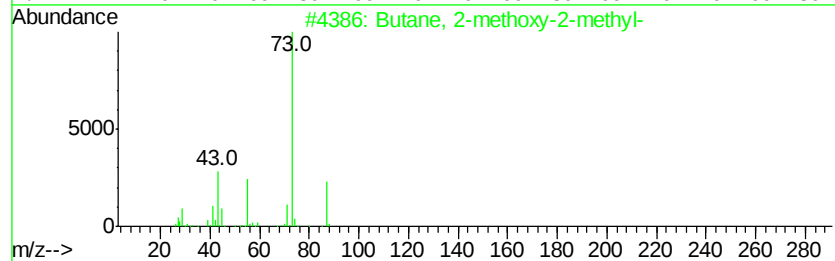
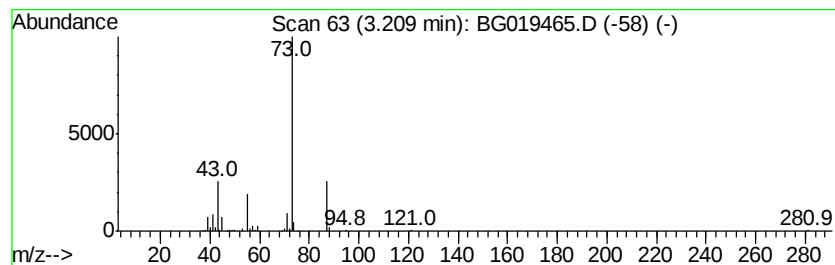
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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.
3.21	16.36 ng/ul	169620	1,4-Dichlorobenzene-d4	8.18

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	39
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



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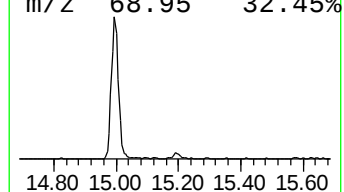
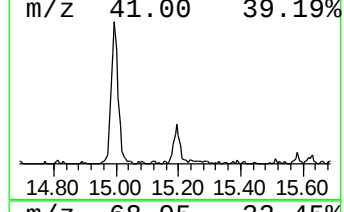
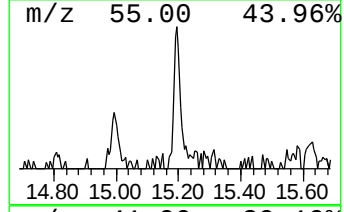
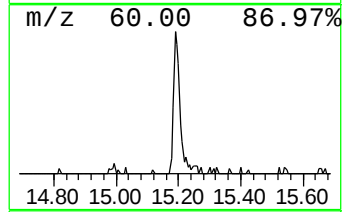
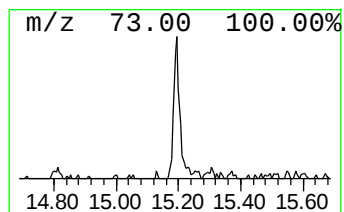
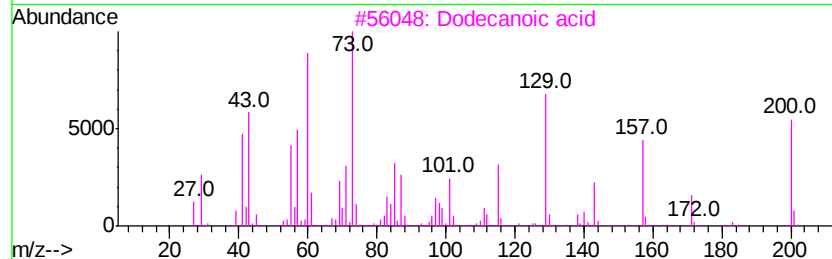
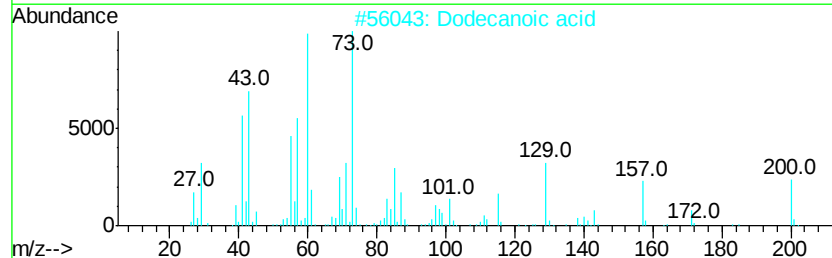
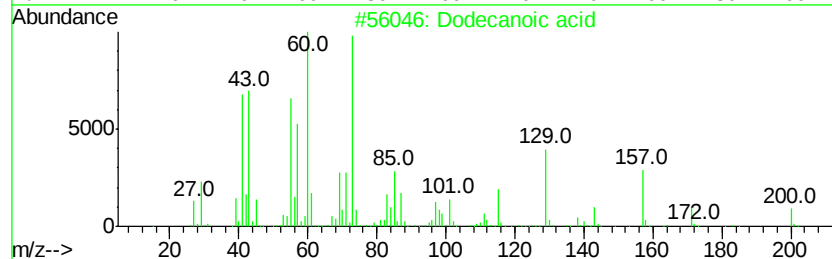
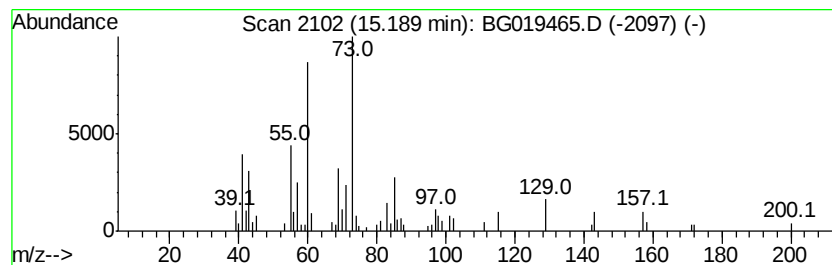
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.99 ng/ul	76293	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	70
2		Dodecanoic acid	200	C12H24O2	000143-07-7	58
3		Dodecanoic acid	200	C12H24O2	000143-07-7	52
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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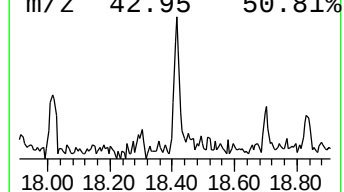
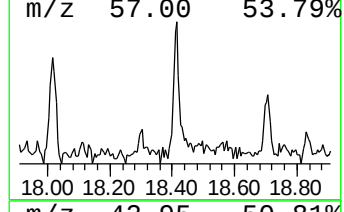
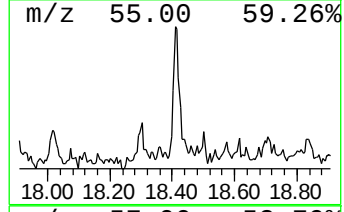
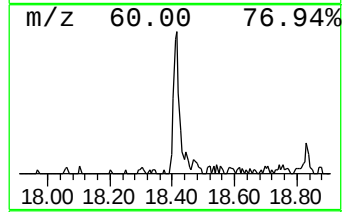
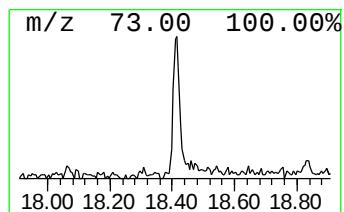
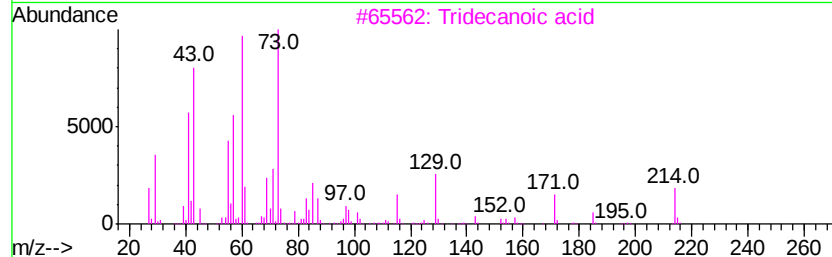
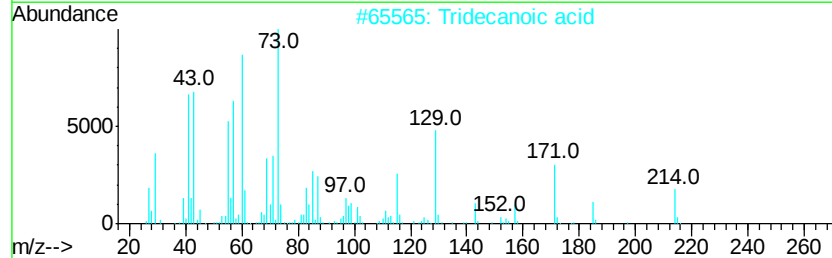
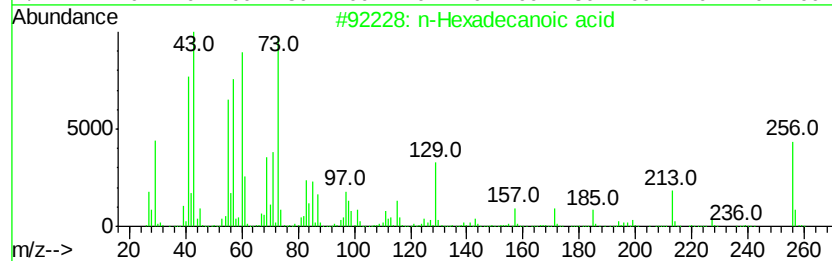
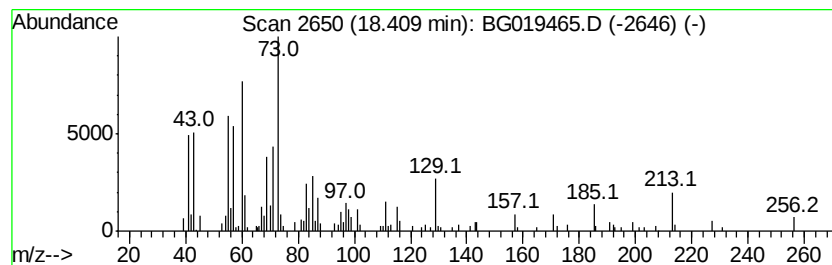
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.10 ng/ul	112254	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019465.D
Acq On : 3 Nov 2015 23:18
Operator : UM/NP
Sample : G4211-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

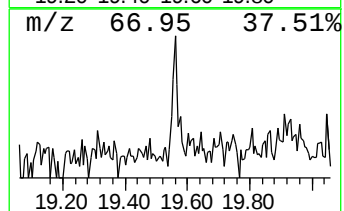
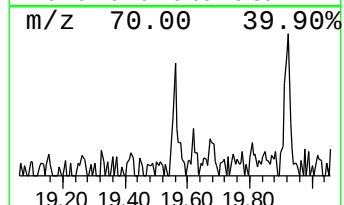
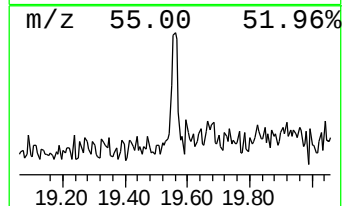
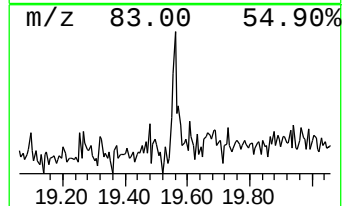
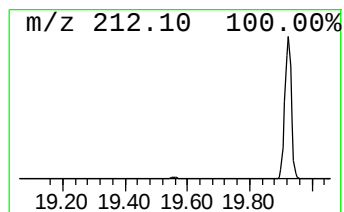
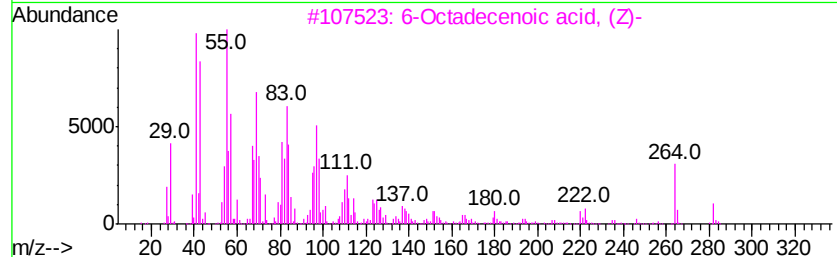
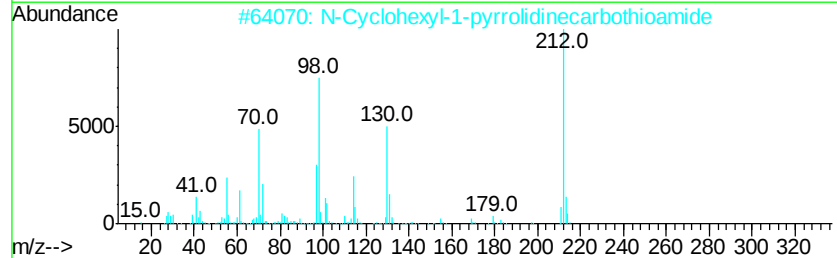
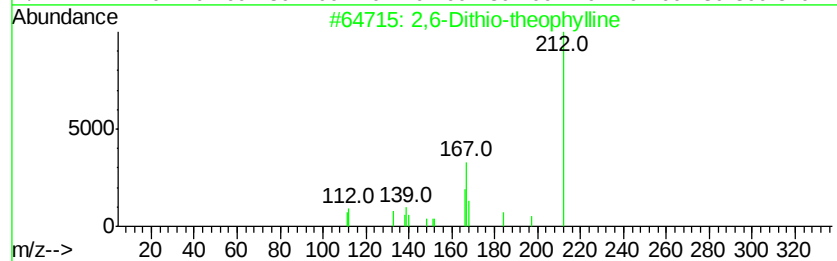
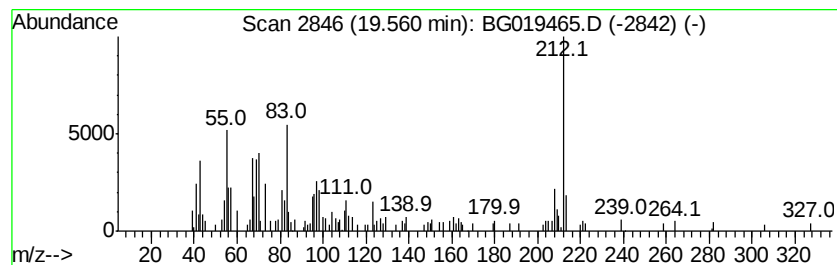
Instrument :
BNA_G
ClientSampleId :
BC7H3

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,6-Dithio-theophylline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.56	2.30 ng/ul	83417	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dithio-theophylline	212	C7H8N4S2	006501-94-6	53	
2	N-Cyclohexyl-1-pyrrolidinecarbot...	212	C11H20N2S	015260-45-4	43	
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	41	
4	2-Naphthalenol, 3,4-dichloro-	212	C10H6Cl2O	057396-89-1	35	
5	3-Nitrocarbazole	212	C12H8N2O2	003077-85-8	25	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019465.D
Acq On : 3 Nov 2015 23:18
Operator : UM/NP
Sample : G4211-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7H3

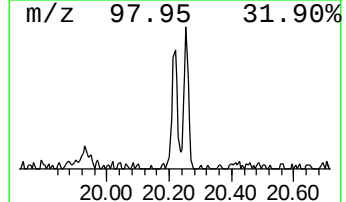
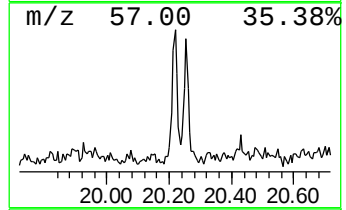
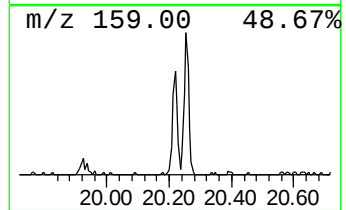
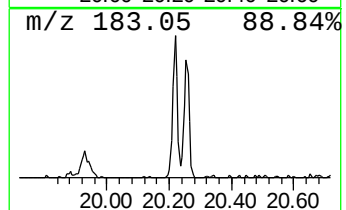
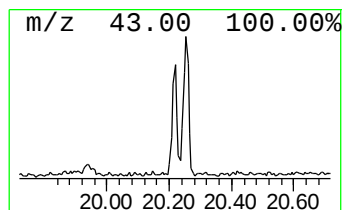
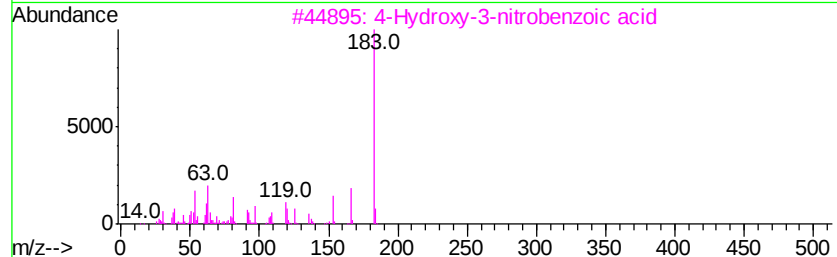
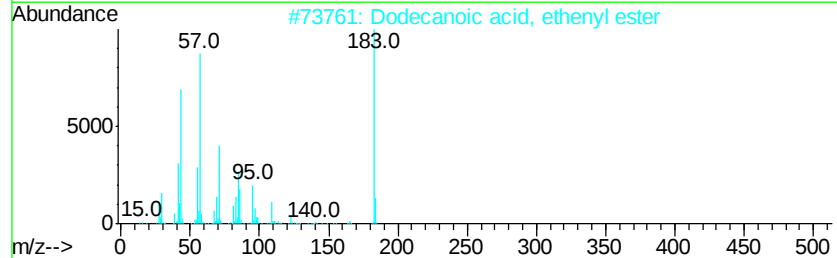
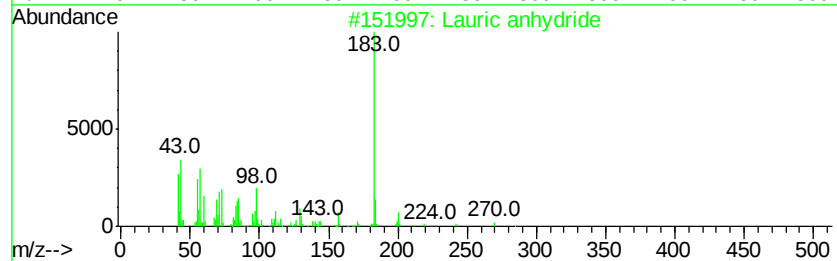
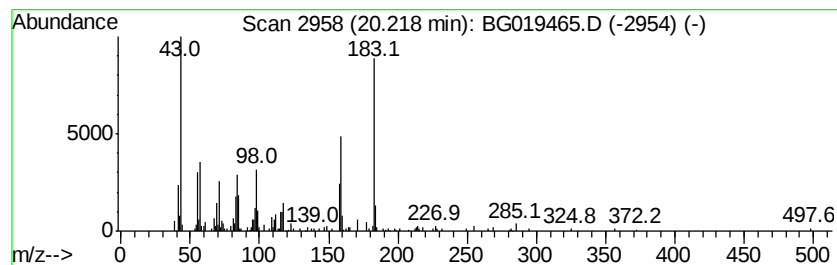
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.49 ng/ul	126237	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lauric anhydride	382	C24H46O3	000645-66-9	38
2		Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	27
3		4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	27
4		2,5-Dimethyl-4-phenylpyridine	183	C13H13N	003971-69-5	27
5		1-Naphthalenecarbonitrile, 2-met...	183	C12H9NO	016000-39-8	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019465.D
Acq On : 3 Nov 2015 23:18
Operator : UM/NP
Sample : G4211-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7H3

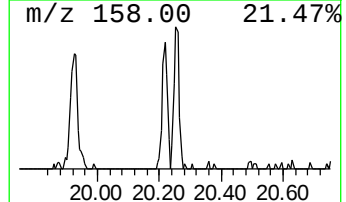
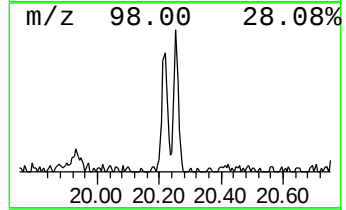
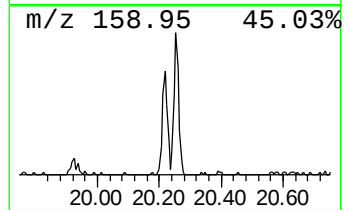
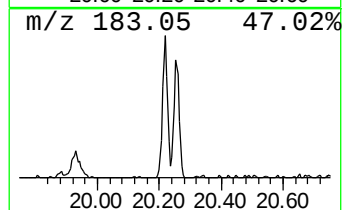
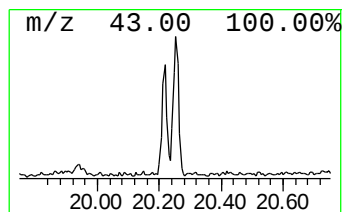
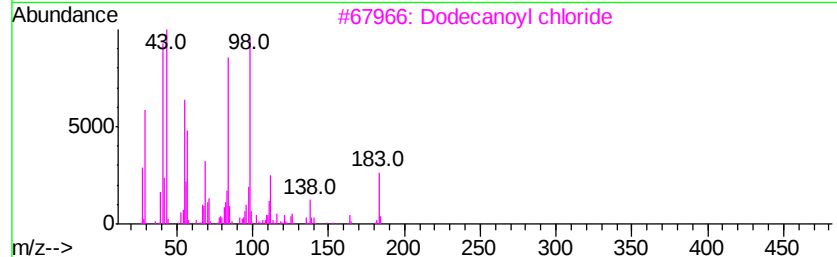
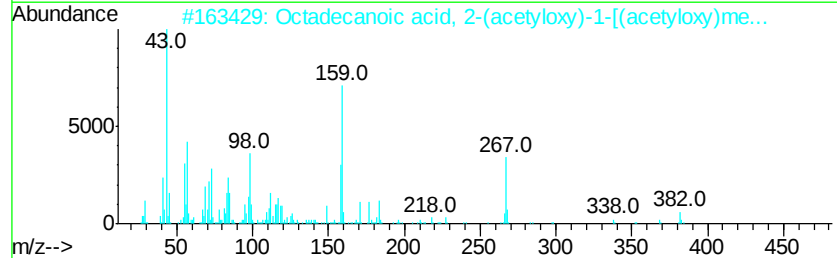
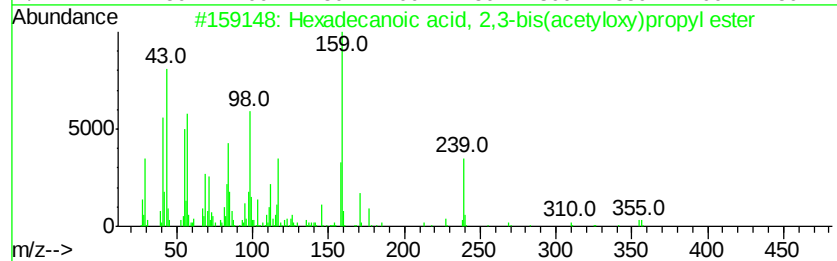
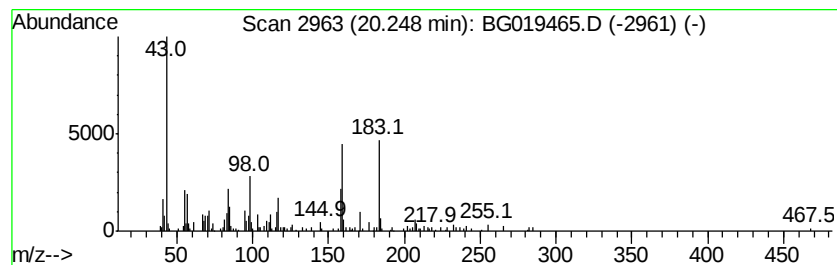
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.81 ng/ul	142238	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	64
2		Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	40
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	32
4		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	16
5		5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019465.D
Acq On : 3 Nov 2015 23:18
Operator : UM/NP
Sample : G4211-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7H3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.21	16.4	ng/ul	169620	1	8.18	207404	20.0
Dodecanoic acid	15.19	3.0	ng/ul	76293	3	14.81	510740	20.0
n-Hexadecanoic acid	18.41	3.1	ng/ul	112254	4	17.55	725131	20.0
2,6-Dithio-theoph...	19.56	2.3	ng/ul	83417	4	17.55	725131	20.0
unknown-01	20.22	2.5	ng/ul	126237	5	21.83	1013400	20.0
Hexadecanoic acid...	20.25	2.8	ng/ul	142238	5	21.83	1013400	20.0