

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019268.D
 Acq On : 20 Oct 2015 22:02
 Operator : UM/NP
 Sample : G4074-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H5

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	2.913	11	13	17	rVB3	605	887	0.20%	0.018%
2	2.943	17	18	21	rVV3	713	846	0.19%	0.017%
3	3.084	36	42	50	rVV2	43270	72014	16.48%	1.457%
4	3.160	50	55	72	rVB	206995	284362	65.09%	5.753%
5	3.389	89	94	96	rVV3	644	888	0.20%	0.018%
6	3.419	96	99	104	rVV4	1468	2086	0.48%	0.042%
7	3.836	167	170	174	rVB	687	890	0.20%	0.018%
8	4.088	208	213	215	rVV2	504	831	0.19%	0.017%
9	4.494	279	282	286	rVV3	1009	1295	0.30%	0.026%
10	4.982	360	365	368	rBV2	506	1016	0.23%	0.021%
11	5.093	380	384	388	rVB2	1610	2766	0.63%	0.056%
12	7.167	731	737	746	rBV	35605	57458	13.15%	1.162%
13	7.314	757	762	770	rVB	25418	41203	9.43%	0.834%
14	7.526	792	798	805	rVV	34124	55764	12.76%	1.128%
15	7.990	870	877	884	rVB	60035	94970	21.74%	1.921%
16	8.707	992	999	1008	rBV2	40981	69864	15.99%	1.413%
17	9.153	1068	1075	1086	rVB	37648	62701	14.35%	1.268%
18	9.876	1191	1198	1204	rVB2	33273	57748	13.22%	1.168%
19	10.422	1285	1291	1300	rVB	48678	82729	18.94%	1.674%
20	10.798	1348	1355	1363	rVV	93147	161914	37.06%	3.276%
21	10.933	1372	1378	1387	rBV2	34883	59120	13.53%	1.196%
22	12.978	1722	1726	1730	rVB3	1370	1622	0.37%	0.033%
23	13.231	1766	1769	1772	rVB3	2464	3021	0.69%	0.061%
24	14.030	1899	1905	1909	rBV	113621	164237	37.59%	3.323%
25	14.077	1909	1913	1919	rVB	46282	65376	14.96%	1.323%
26	14.318	1948	1954	1961	rVB	115149	174735	39.99%	3.535%
27	14.517	1985	1988	1989	rVV2	961	817	0.19%	0.017%
28	14.623	2000	2006	2013	rBV2	170664	271359	62.11%	5.490%
29	14.841	2037	2043	2050	rBV2	53650	82117	18.80%	1.661%
30	15.035	2073	2076	2081	rVB3	2152	2645	0.61%	0.054%
31	15.134	2090	2093	2098	rBV	645	899	0.21%	0.018%
32	15.411	2135	2140	2145	rBV4	1905	3577	0.82%	0.072%
33	15.463	2145	2149	2155	rVB	4914	6138	1.40%	0.124%
34	15.616	2168	2175	2182	rBV2	172169	252648	57.83%	5.111%

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35	15.740	2190	2196	2201	rBV	57557	87032	19.92%	1.761%
36	15.857	2212	2216	2218	rBV	2042	2486	0.57%	0.050%
37	16.010	2241	2242	2244	rBV2	1011	808	0.18%	0.016%
38	16.327	2291	2296	2298	rBV	7516	10201	2.33%	0.206%
39	16.451	2315	2317	2320	rVV2	969	1082	0.25%	0.022%
40	16.503	2323	2326	2333	rVB2	4925	5642	1.29%	0.114%
41	16.568	2335	2337	2338	rBV	1457	892	0.20%	0.018%
42	16.586	2338	2340	2343	rVB2	1132	864	0.20%	0.017%
43	16.662	2352	2353	2356	rVV	1172	1132	0.26%	0.023%
44	16.697	2356	2359	2362	rVB3	746	878	0.20%	0.018%
45	16.768	2366	2371	2374	rVV3	1934	2706	0.62%	0.055%
46	16.827	2379	2381	2387	rVV3	1155	2040	0.47%	0.041%
47	16.903	2390	2394	2396	rVB3	959	1387	0.32%	0.028%
48	16.932	2396	2399	2402	rBV4	752	902	0.21%	0.018%
49	17.026	2411	2415	2420	rBV3	2094	2813	0.64%	0.057%
50	17.114	2426	2430	2434	rBV	7410	10108	2.31%	0.204%
51	17.167	2434	2439	2444	rVB4	2709	5083	1.16%	0.103%
52	17.367	2465	2473	2479	rBV2	246487	362729	83.02%	7.338%
53	17.467	2484	2490	2498	rVB2	180174	274737	62.88%	5.558%
54	17.537	2498	2502	2504	rVB4	1206	1552	0.36%	0.031%
55	17.590	2509	2511	2514	rBV2	1129	957	0.22%	0.019%
56	17.649	2516	2521	2528	rBV6	2166	3395	0.78%	0.069%
57	17.720	2528	2533	2535	rVB3	1000	1254	0.29%	0.025%
58	17.743	2535	2537	2540	rBV3	1308	1930	0.44%	0.039%
59	17.772	2540	2542	2547	rVB4	1301	1849	0.42%	0.037%
60	17.855	2553	2556	2560	rBV3	6110	7385	1.69%	0.149%
61	17.925	2566	2568	2572	rBV3	1037	1195	0.27%	0.024%
62	17.961	2572	2574	2579	rVB3	1234	1778	0.41%	0.036%
63	18.019	2583	2584	2590	rVB4	1129	1565	0.36%	0.032%
64	18.066	2590	2592	2594	rBV3	1476	823	0.19%	0.017%
65	18.119	2599	2601	2603	rBV2	1594	1582	0.36%	0.032%
66	18.201	2610	2615	2619	rBV2	13769	18467	4.23%	0.374%
67	18.260	2619	2625	2632	rVV	73807	102662	23.50%	2.077%
68	18.325	2634	2636	2642	rVV	12066	15669	3.59%	0.317%
69	18.395	2646	2648	2651	rVV4	1862	2036	0.47%	0.041%
70	18.548	2671	2674	2679	rVV5	2978	4821	1.10%	0.098%
71	18.613	2683	2685	2688	rVB4	864	1038	0.24%	0.021%

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72	18.795	2713	2716	2717	rBV2	1354	1451	0.33%	0.029%
73	18.812	2717	2719	2720	rVV2	1451	994	0.23%	0.020%
74	18.830	2720	2722	2723	rVV2	1290	787	0.18%	0.016%
75	18.848	2723	2725	2728	rVV4	2394	1761	0.40%	0.036%
76	18.924	2732	2738	2740	rBV5	1809	3051	0.70%	0.062%
77	18.953	2742	2743	2745	rVB3	2394	1164	0.27%	0.024%
78	19.024	2753	2755	2760	rBV4	1016	1773	0.41%	0.036%
79	19.077	2762	2764	2765	rBV2	1117	926	0.21%	0.019%
80	19.106	2766	2769	2773	rBV6	2546	2688	0.62%	0.054%
81	19.165	2775	2779	2780	rBV3	1677	1926	0.44%	0.039%
82	19.183	2780	2782	2783	rBV2	1809	1591	0.36%	0.032%
83	19.259	2793	2795	2796	rVB2	1573	892	0.20%	0.018%
84	19.306	2800	2803	2805	rBV5	1694	1491	0.34%	0.030%
85	19.347	2808	2810	2811	rBV2	2090	1344	0.31%	0.027%
86	19.382	2814	2816	2817	rBV2	4205	3270	0.75%	0.066%
87	19.529	2837	2841	2846	rBV3	22664	31371	7.18%	0.635%
88	19.594	2850	2852	2856	rVB5	2652	2774	0.63%	0.056%
89	19.664	2862	2864	2865	rVB2	2064	930	0.21%	0.019%
90	19.753	2874	2879	2886	rVB	204341	292453	66.94%	5.916%
91	19.852	2894	2896	2897	rBV2	2716	1167	0.27%	0.024%
92	20.123	2939	2942	2943	rBV3	4395	4320	0.99%	0.087%
93	20.252	2961	2964	2966	rBV4	7612	9196	2.10%	0.186%
94	21.274	3134	3138	3148	rBV	68312	106610	24.40%	2.157%
95	21.633	3193	3199	3207	rBV	263058	421919	96.57%	8.536%
96	22.426	3331	3334	3348	rVB3	27795	66535	15.23%	1.346%
97	23.918	3583	3588	3594	rBV3	33771	60813	13.92%	1.230%
98	24.606	3698	3705	3715	rVB	110496	280029	64.09%	5.665%
99	24.835	3736	3744	3759	rVB	147797	436906	100.00%	8.839%
100	25.980	3933	3939	3951	rVB3	39309	118892	27.21%	2.405%

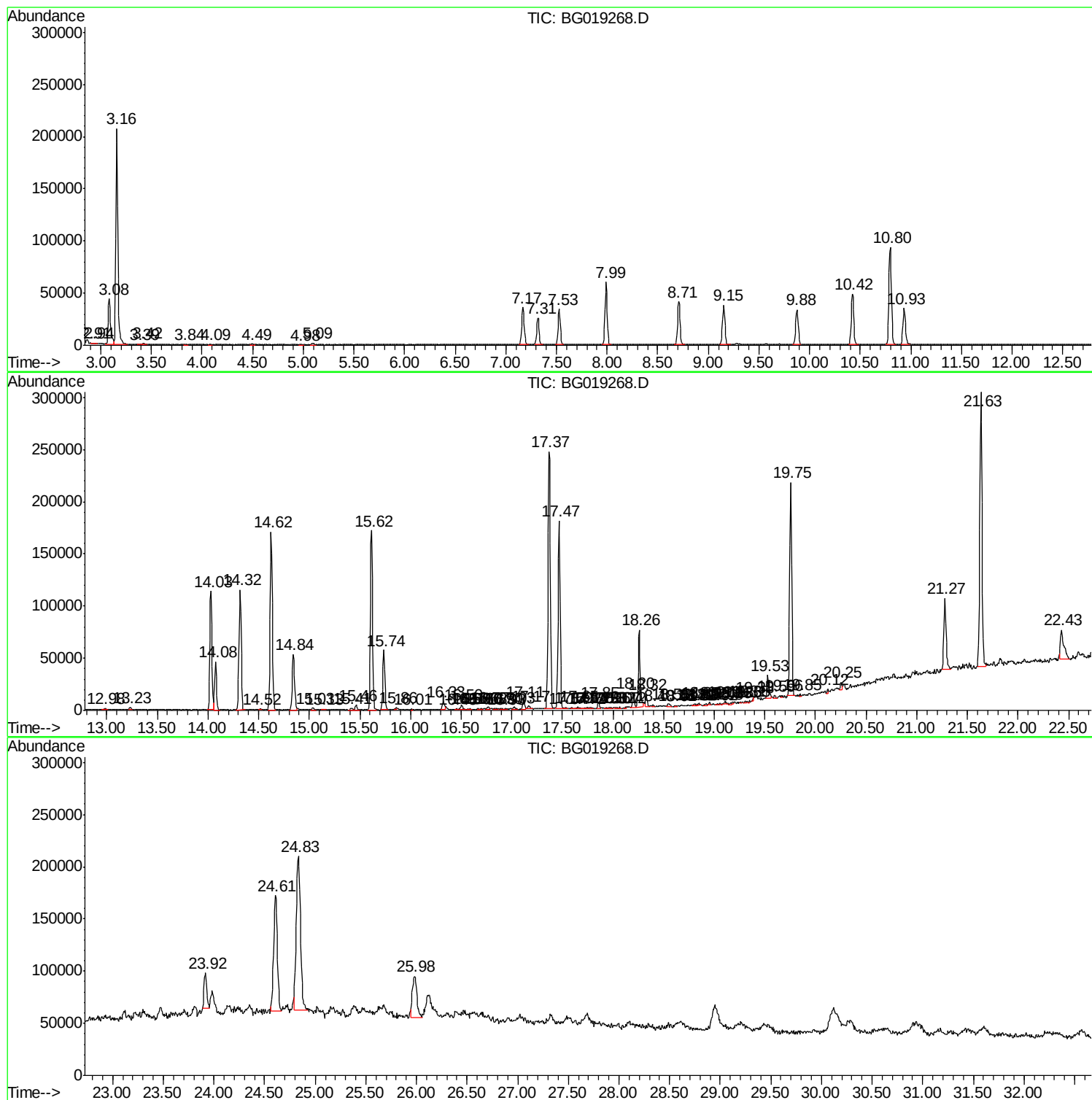
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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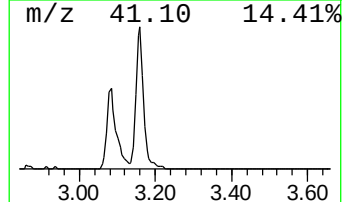
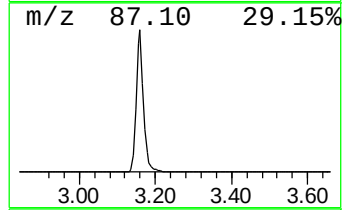
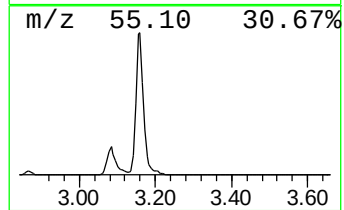
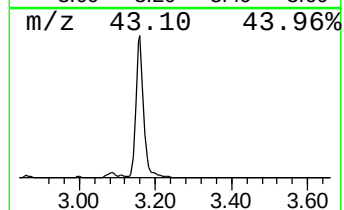
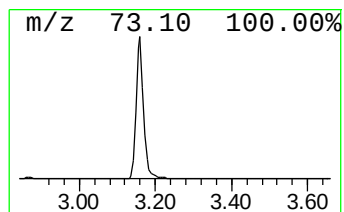
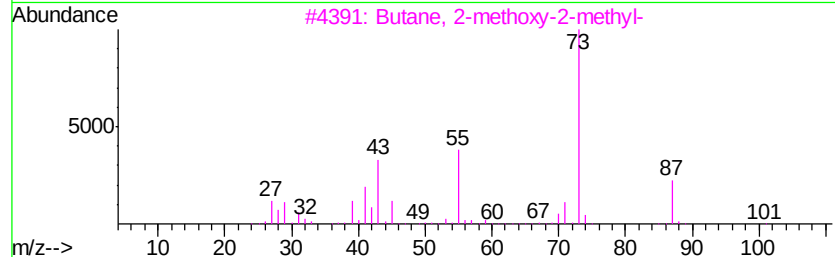
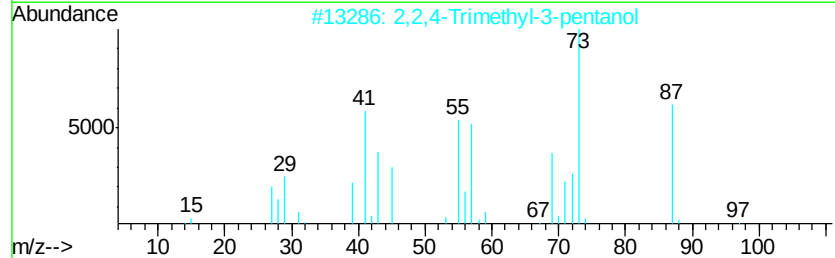
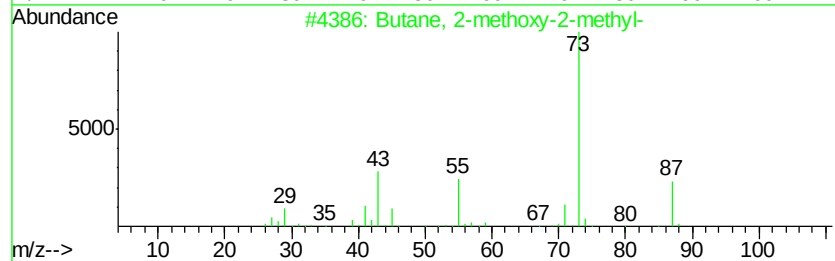
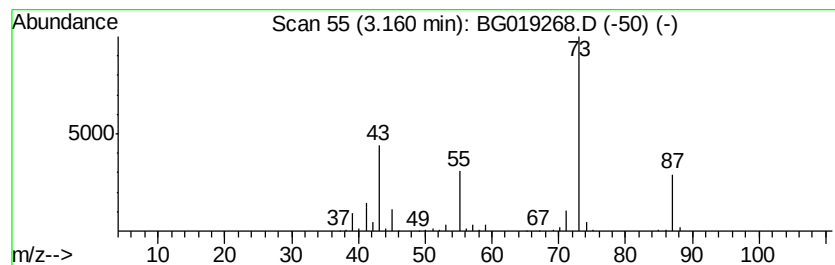
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	59.88 ng/ul	284362	1,4-Dichlorobenzene-d4	7.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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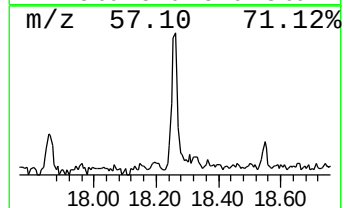
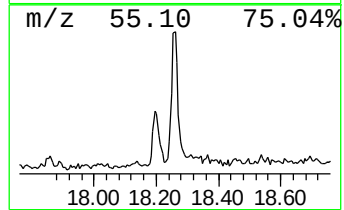
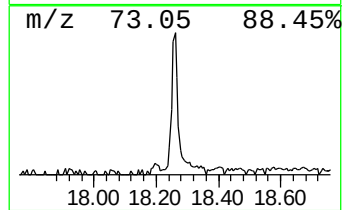
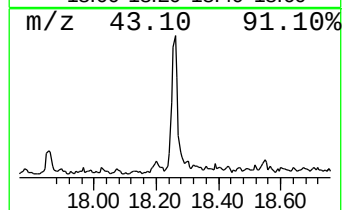
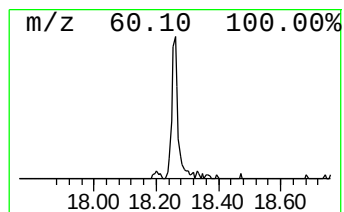
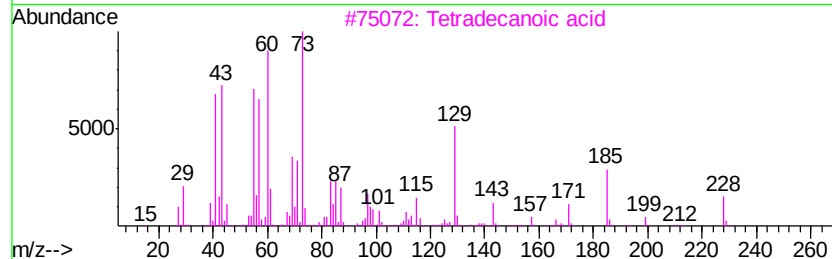
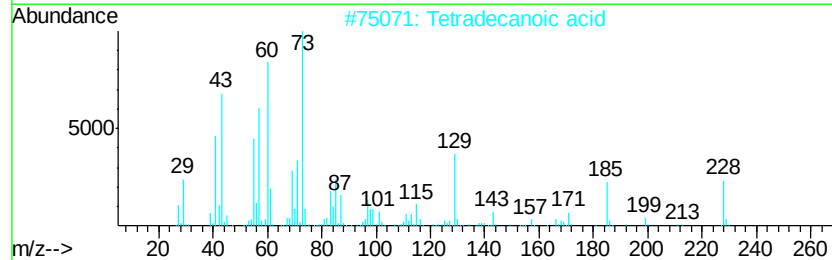
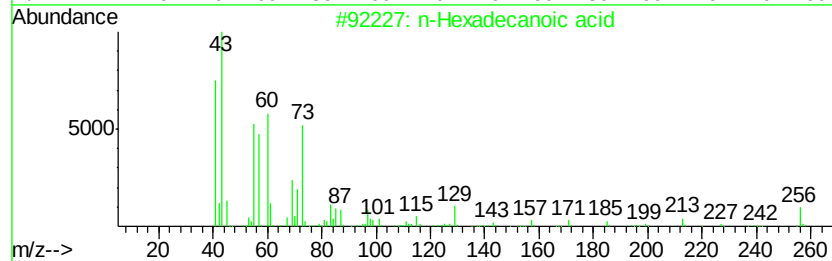
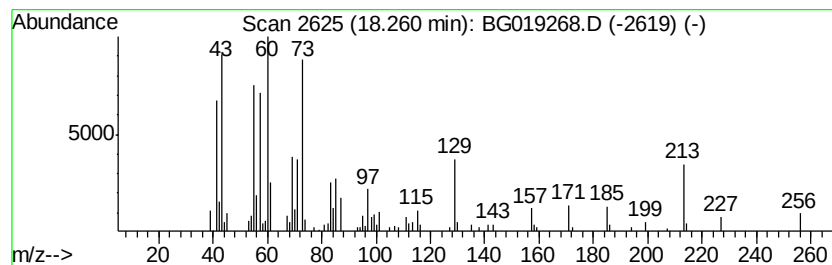
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.66 ng/ul	102662	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



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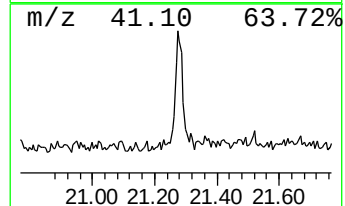
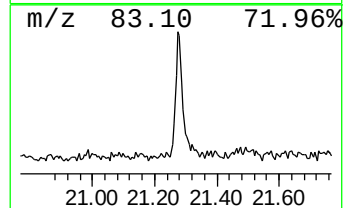
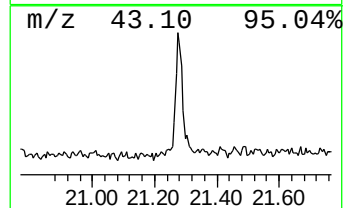
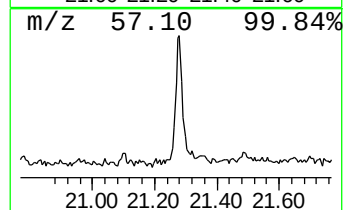
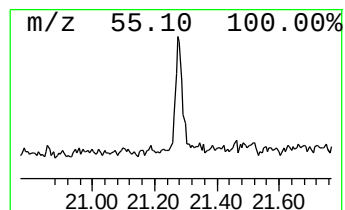
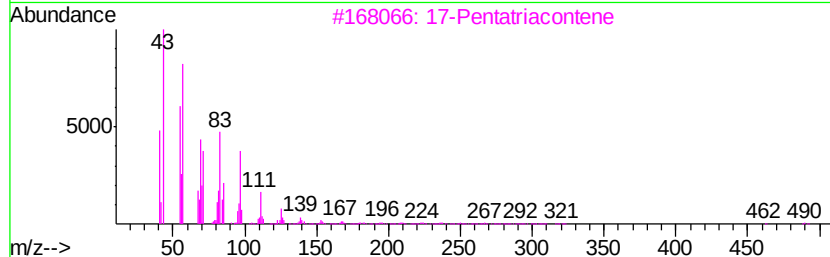
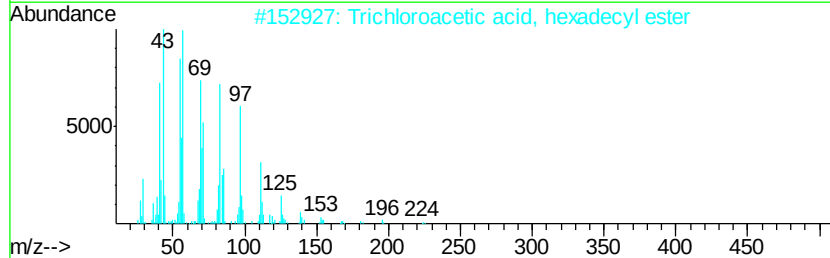
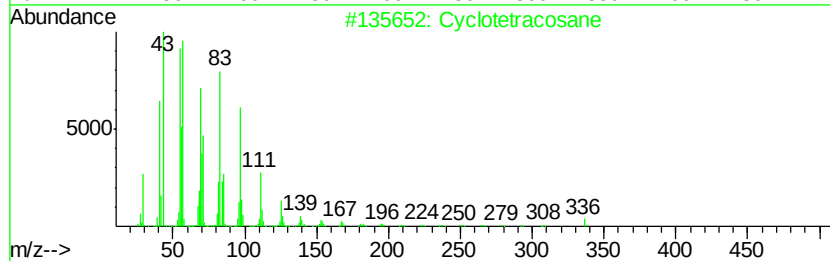
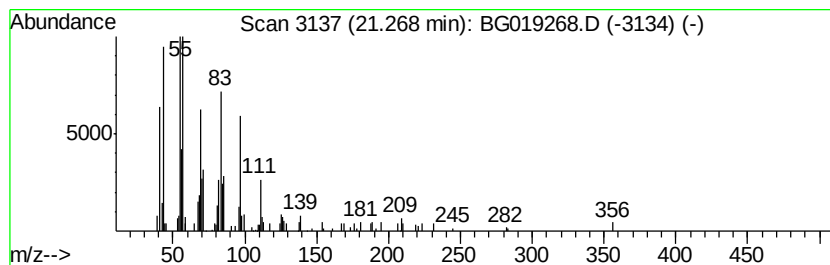
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	5.05 ng/ul	106610	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		1-Tetracosanol	354	C24H50O	000506-51-4	87



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Sample : G4074-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H5

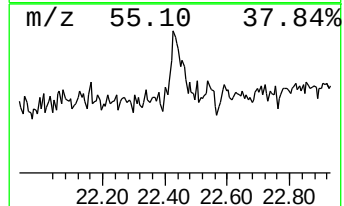
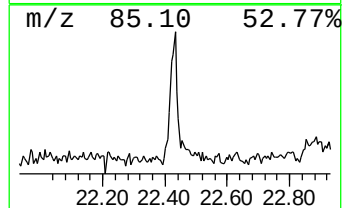
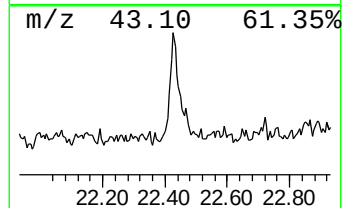
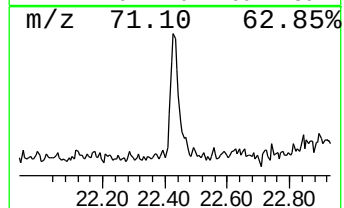
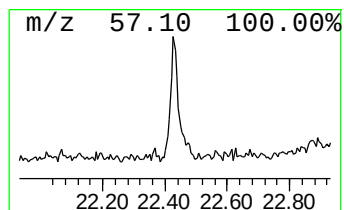
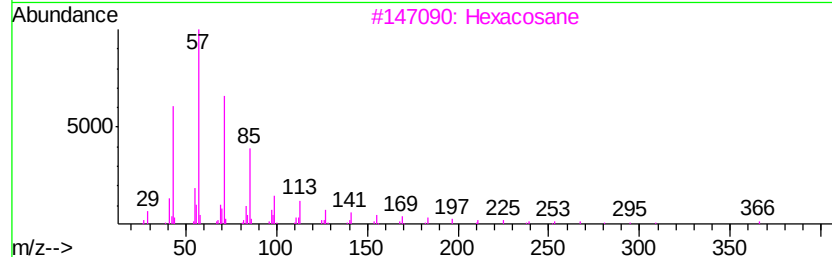
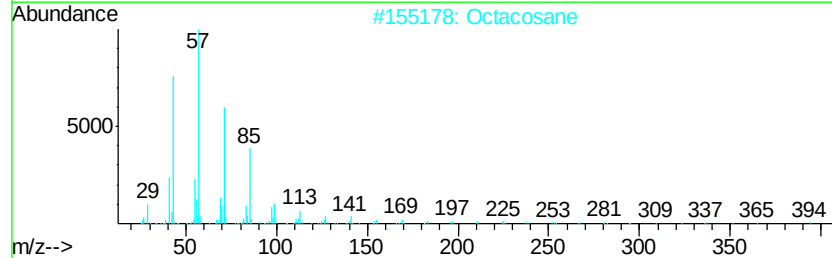
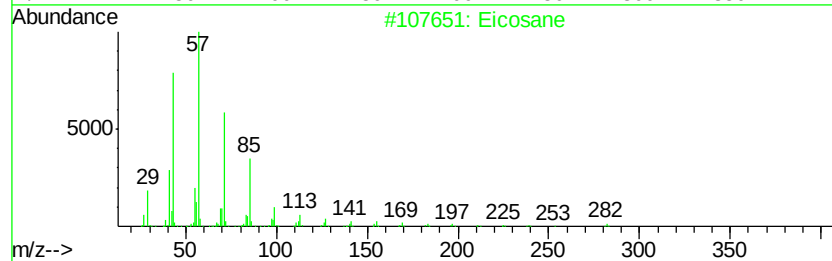
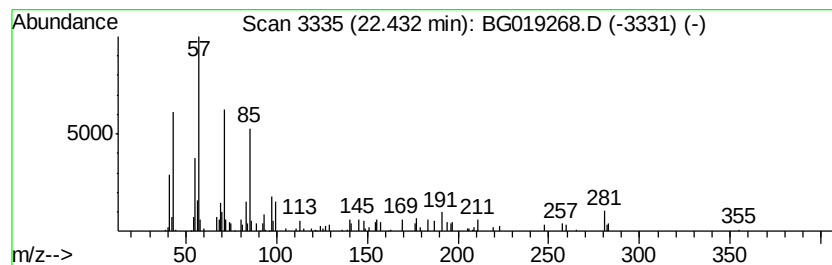
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Quant Title : SVOA CALIBRATION

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.
22.43	3.15 ng/ul	66535	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	81
2		Octacosane	394	C28H58	000630-02-4	74
3		Hexacosane	366	C26H54	000630-01-3	74
4		Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019268.D
Acq On : 20 Oct 2015 22:02
Operator : UM/NP
Sample : G4074-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H5

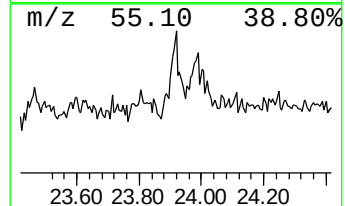
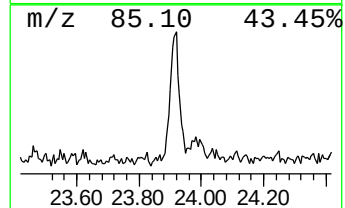
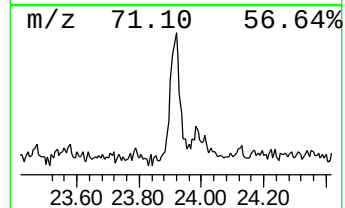
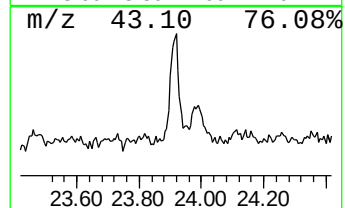
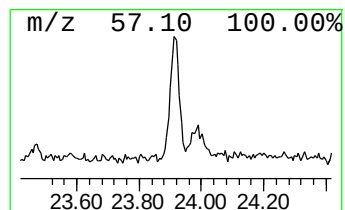
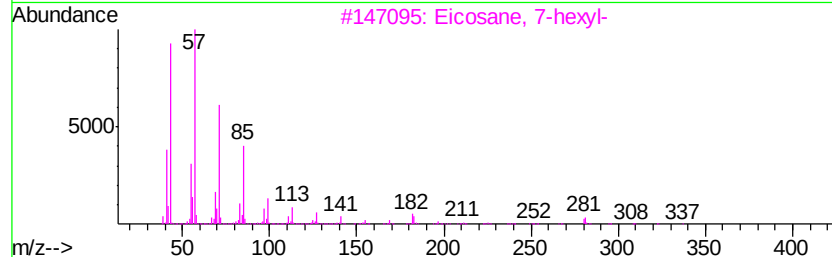
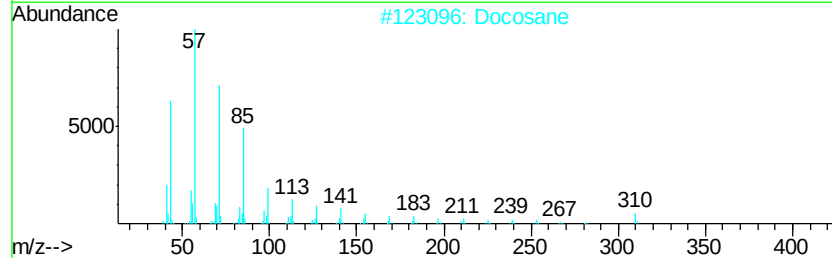
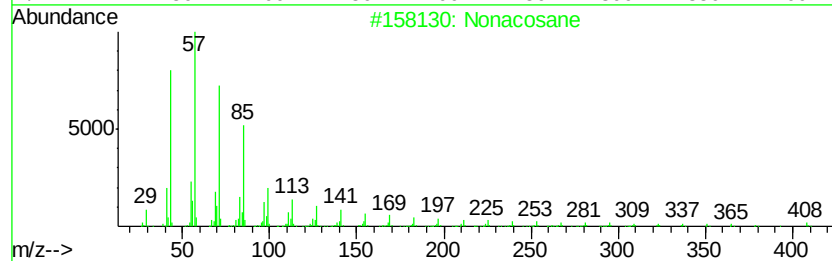
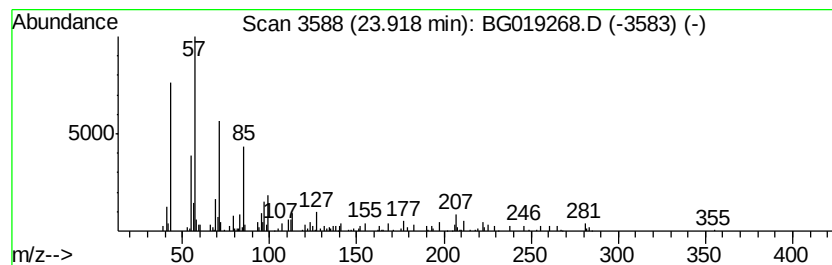
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.78 ng/ul	60813	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	86
2		Docosane	310	C22H46	000629-97-0	80
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019268.D
Acq On : 20 Oct 2015 22:02
Operator : UM/NP
Sample : G4074-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H5

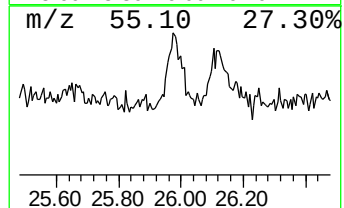
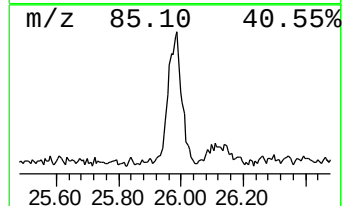
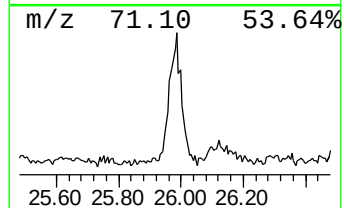
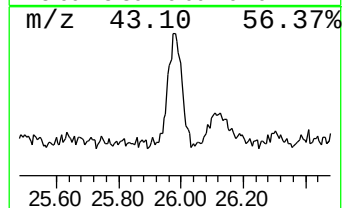
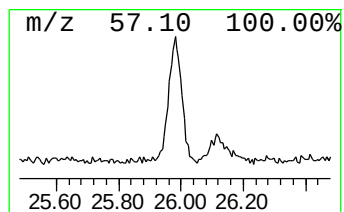
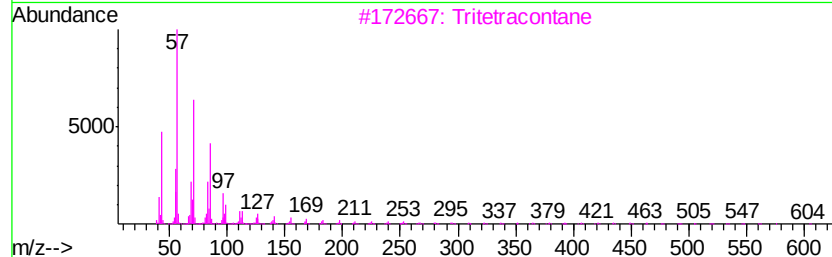
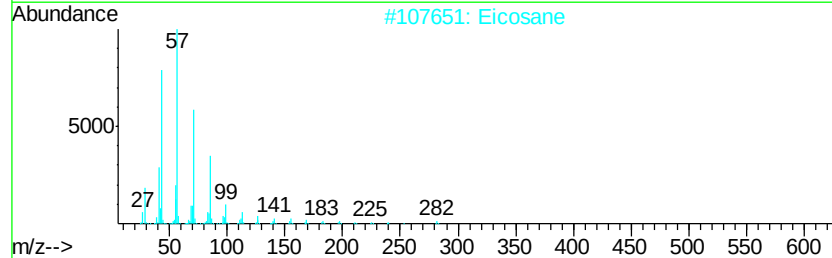
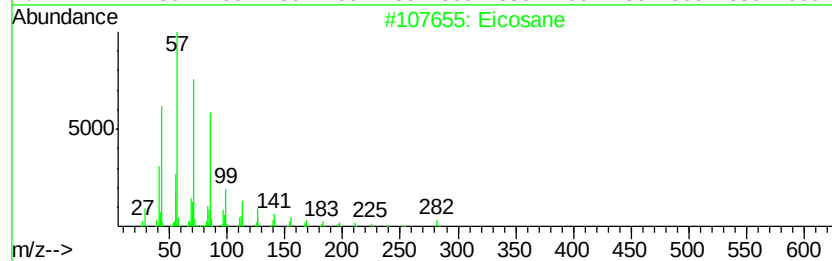
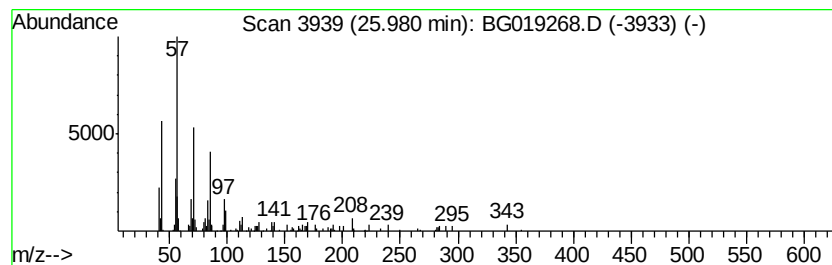
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	5.44 ng/ul	118892	Perylene-d12	24.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Eicosane	282	C20H42	000112-95-8	81
3		Tritetracontane	605	C43H88	007098-21-7	80
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019268.D
Acq On : 20 Oct 2015 22:02
Operator : UM/NP
Sample : G4074-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H5

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...	3.16	59.9	ng/ul	284362	1	7.99	94970	20.0
n-Hexadecanoic acid	18.26	5.7	ng/ul	102662	4	17.37	362729	20.0
(DEL) Alkane: Cyc...	21.27	5.0	ng/ul	106610	5	21.63	421919	20.0
(DEL) Alkane: Str...	22.43	3.1	ng/ul	66535	5	21.63	421919	20.0
(DEL) Alkane: Str...	23.92	2.8	ng/ul	60813	6	24.83	436906	20.0
(DEL) Alkane: Str...	25.98	5.4	ng/ul	118892	6	24.83	436906	20.0