

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019064.D
 Acq On : 7 Oct 2015 2:55
 Operator : UM/NP
 Sample : G3865-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ0

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	3.157	50	54	63	rVV2	23095	44314	7.29%	0.591%
2	3.233	63	67	75	rVB	53996	72829	11.98%	0.972%
3	3.439	100	102	106	rVB3	1538	1621	0.27%	0.022%
4	3.492	107	111	118	rVB4	3853	6260	1.03%	0.084%
5	3.762	154	157	162	rBV5	1925	3229	0.53%	0.043%
6	3.962	189	191	194	rVB3	1186	1328	0.22%	0.018%
7	4.238	234	238	246	rVB	14094	21912	3.61%	0.292%
8	6.359	597	599	602	rBV2	1189	1249	0.21%	0.017%
9	7.211	736	744	753	rVB	61066	104431	17.18%	1.393%
10	7.370	765	771	778	rBV	62032	97755	16.08%	1.304%
11	7.581	801	807	815	rBV	71563	118813	19.55%	1.585%
12	8.051	879	887	892	rVV	78132	131786	21.68%	1.758%
13	8.104	892	896	903	rVV2	5358	8125	1.34%	0.108%
14	8.169	903	907	910	rVB3	848	1276	0.21%	0.017%
15	8.750	1000	1006	1015	rVB	63778	105074	17.29%	1.402%
16	9.209	1077	1084	1091	rVV	80239	142340	23.42%	1.899%
17	9.344	1102	1107	1110	rVV5	1037	1781	0.29%	0.024%
18	9.931	1199	1207	1213	rBV	68887	124262	20.44%	1.658%
19	10.096	1233	1235	1238	rBV	887	1178	0.19%	0.016%
20	10.143	1239	1243	1245	rVV4	1037	1261	0.21%	0.017%
21	10.249	1255	1261	1263	rBV4	852	1472	0.24%	0.020%
22	10.472	1292	1299	1308	rVV2	104693	181972	29.94%	2.428%
23	10.625	1320	1325	1332	rVB5	1978	4243	0.70%	0.057%
24	10.854	1355	1364	1375	rBV	121878	217611	35.80%	2.904%
25	10.983	1377	1386	1398	rBV	129333	235768	38.79%	3.146%
26	11.723	1509	1512	1515	rBV3	1191	1387	0.23%	0.019%
27	12.141	1578	1583	1584	rBV2	970	1276	0.21%	0.017%
28	12.440	1624	1634	1638	rVB3	2108	4298	0.71%	0.057%
29	12.511	1642	1646	1650	rVB	2259	2770	0.46%	0.037%
30	12.558	1650	1654	1656	rBV2	889	1261	0.21%	0.017%
31	12.728	1680	1683	1687	rVV4	1779	2136	0.35%	0.029%
32	12.928	1713	1717	1721	rBV3	732	1642	0.27%	0.022%
33	13.040	1732	1736	1740	rBV4	3013	5088	0.84%	0.068%
34	13.216	1763	1766	1771	rVV3	1079	1563	0.26%	0.021%

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35	13.280	1771	1777	1784	rVB3	4621	7069	1.16%	0.094%
36	13.504	1811	1815	1821	rVV4	2639	4614	0.76%	0.062%
37	13.574	1822	1827	1831	rVB5	1905	3220	0.53%	0.043%
38	13.891	1875	1881	1886	rBV2	6874	11097	1.83%	0.148%
39	13.997	1896	1899	1900	rBV	1499	1564	0.26%	0.021%
40	14.079	1905	1913	1917	rVV	210906	312576	51.43%	4.171%
41	14.126	1917	1921	1930	rVV	134835	187424	30.84%	2.501%
42	14.232	1936	1939	1942	rVB3	2044	2901	0.48%	0.039%
43	14.314	1949	1953	1956	rVV4	1763	2799	0.46%	0.037%
44	14.367	1956	1962	1971	rVB	244975	383643	63.12%	5.119%
45	14.567	1993	1996	2001	rVB3	3629	4606	0.76%	0.061%
46	14.679	2007	2015	2022	rBV2	205190	333732	54.91%	4.453%
47	14.779	2030	2032	2035	rBV2	1097	1228	0.20%	0.016%
48	14.867	2040	2047	2058	rBV	57667	96079	15.81%	1.282%
49	15.014	2069	2072	2078	rVB4	1683	2752	0.45%	0.037%
50	15.072	2078	2082	2083	rBV2	1974	2540	0.42%	0.034%
51	15.196	2099	2103	2105	rBV3	1667	1948	0.32%	0.026%
52	15.225	2106	2108	2112	rVB3	1321	1268	0.21%	0.017%
53	15.472	2143	2150	2153	rVV4	6158	9200	1.51%	0.123%
54	15.519	2154	2158	2163	rVB	10878	15161	2.49%	0.202%
55	15.666	2177	2183	2190	rBV	327809	505001	83.09%	6.738%
56	15.713	2190	2191	2196	rVB3	1694	2016	0.33%	0.027%
57	15.777	2196	2202	2211	rBV	65750	96771	15.92%	1.291%
58	15.907	2216	2224	2226	rBV6	5909	9307	1.53%	0.124%
59	16.018	2238	2243	2248	rVB5	2943	4232	0.70%	0.056%
60	16.083	2251	2254	2259	rVB5	1952	2827	0.47%	0.038%
61	16.142	2261	2264	2266	rBV4	2008	2100	0.35%	0.028%
62	16.218	2274	2277	2282	rVB4	2172	3442	0.57%	0.046%
63	16.383	2300	2305	2307	rVV2	21104	27943	4.60%	0.373%
64	16.406	2307	2309	2315	rVB2	14567	20179	3.32%	0.269%
65	16.453	2315	2317	2320	rBV2	2619	1954	0.32%	0.026%
66	16.553	2329	2334	2340	rVB6	4404	8661	1.42%	0.116%
67	16.612	2343	2344	2346	rBV2	2065	1506	0.25%	0.020%
68	16.641	2348	2349	2351	rBV2	1610	1390	0.23%	0.019%
69	16.729	2360	2364	2366	rBV4	2615	3861	0.64%	0.052%
70	16.759	2368	2369	2376	rVB6	5380	8889	1.46%	0.119%
71	16.841	2382	2383	2387	rVB4	1989	1196	0.20%	0.016%

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72	16.888	2388	2391	2395	rBV4	2654	4215	0.69%	0.056%
73	16.953	2400	2402	2407	rBV4	5831	8156	1.34%	0.109%
74	17.023	2411	2414	2415	rBV	2644	2953	0.49%	0.039%
75	17.064	2419	2421	2423	rBV3	2137	2638	0.43%	0.035%
76	17.176	2435	2440	2444	rBV	23039	27198	4.47%	0.363%
77	17.229	2445	2449	2455	rVB	8364	13532	2.23%	0.181%
78	17.305	2458	2462	2464	rBV4	3290	5599	0.92%	0.075%
79	17.423	2472	2482	2488	rBV	279763	435951	71.72%	5.817%
80	17.517	2492	2498	2507	rVB2	361070	558801	91.94%	7.456%
81	17.593	2509	2511	2513	rBV3	2997	2670	0.44%	0.036%
82	17.652	2519	2521	2523	rBV3	2954	2579	0.42%	0.034%
83	17.699	2526	2529	2530	rBV3	4975	5024	0.83%	0.067%
84	17.916	2562	2566	2569	rBV	19297	22892	3.77%	0.305%
85	18.004	2577	2581	2582	rBV4	3394	4461	0.73%	0.060%
86	18.139	2603	2604	2605	rBV	2566	1439	0.24%	0.019%
87	18.310	2629	2633	2641	rBV	78878	121875	20.05%	1.626%
88	18.486	2661	2663	2667	rVB5	7765	8065	1.33%	0.108%
89	18.580	2677	2679	2680	rBV2	4288	2317	0.38%	0.031%
90	18.604	2680	2683	2688	rVV5	11691	16849	2.77%	0.225%
91	19.344	2807	2809	2812	rBV4	8276	8056	1.33%	0.107%
92	19.579	2847	2849	2852	rBV3	18764	19651	3.23%	0.262%
93	19.808	2882	2888	2893	rBV	416875	604135	99.40%	8.061%
94	20.137	2941	2944	2952	rVB5	42595	69689	11.47%	0.930%
95	21.071	3100	3103	3108	rVB2	68616	81623	13.43%	1.089%
96	21.336	3144	3148	3155	rVB2	85652	136302	22.43%	1.819%
97	21.694	3204	3209	3215	rVB2	290913	474374	78.05%	6.330%
98	21.988	3256	3259	3263	rVB3	43920	64338	10.59%	0.858%
99	24.714	3715	3723	3732	rVB2	220109	607810	100.00%	8.110%
100	24.937	3753	3761	3770	rBV	164011	441209	72.59%	5.887%

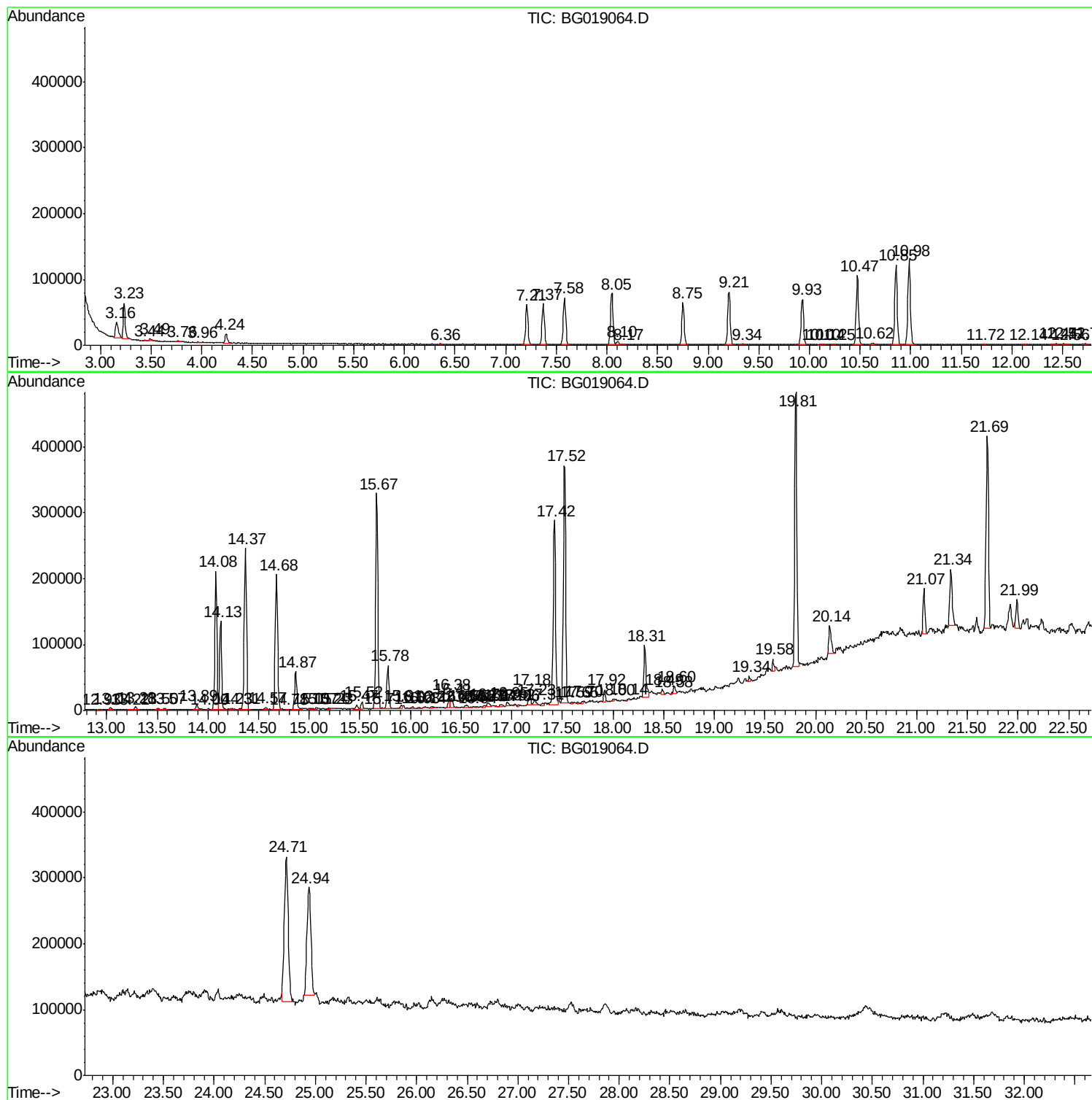
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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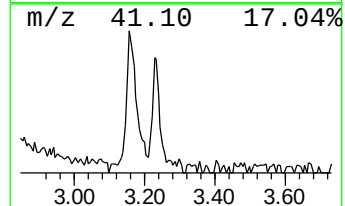
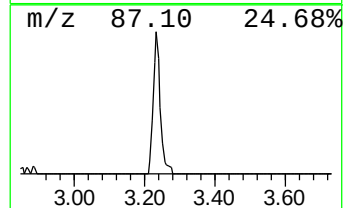
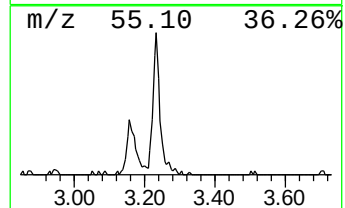
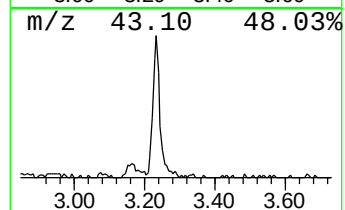
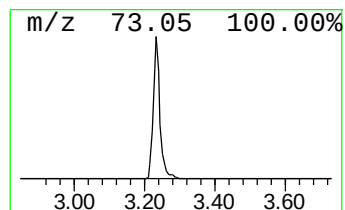
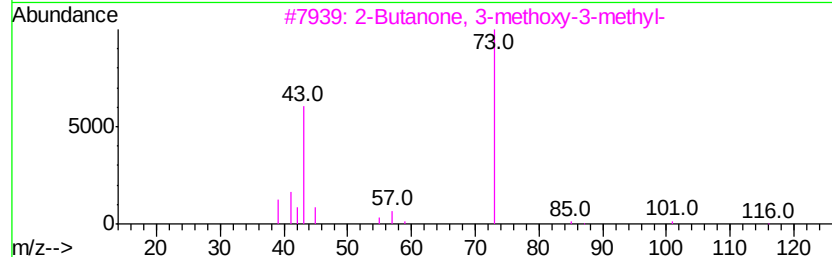
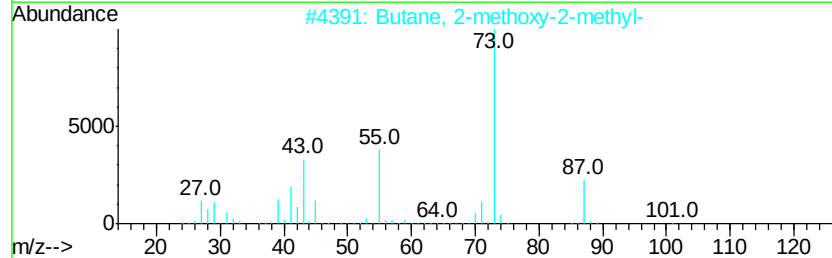
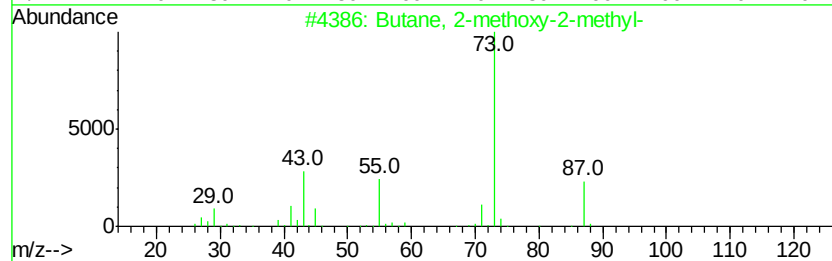
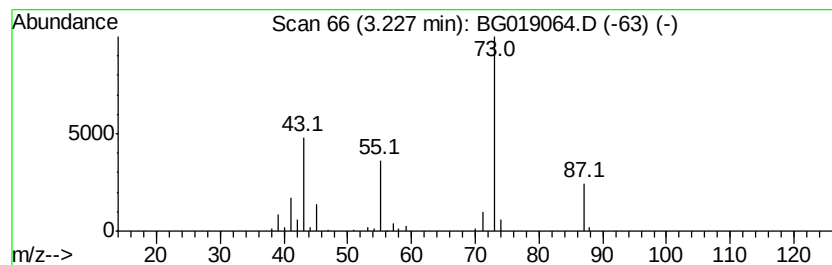
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.23	11.05 ng/ul	72829	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	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	25
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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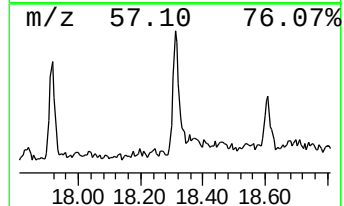
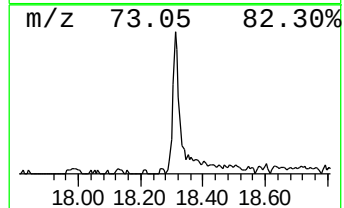
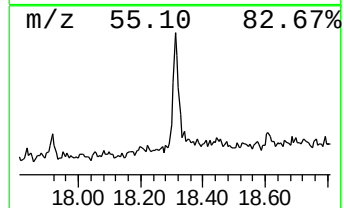
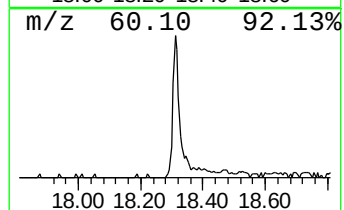
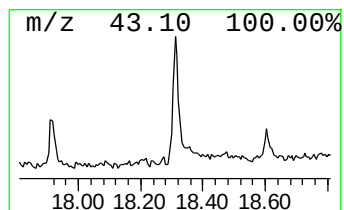
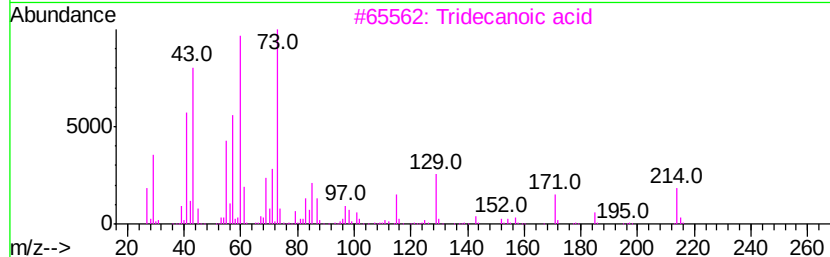
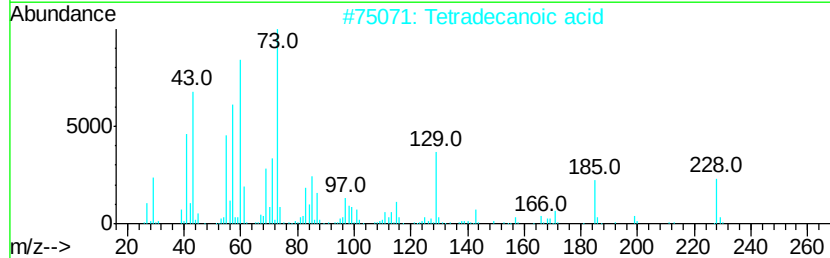
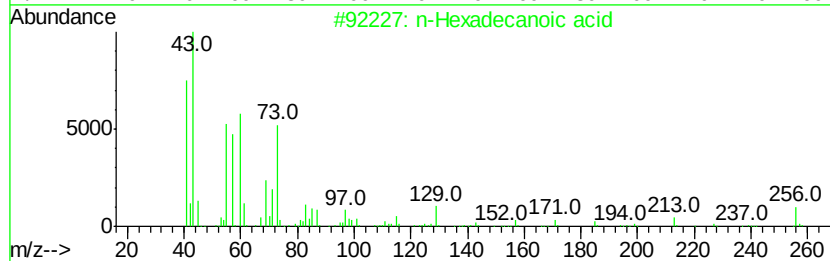
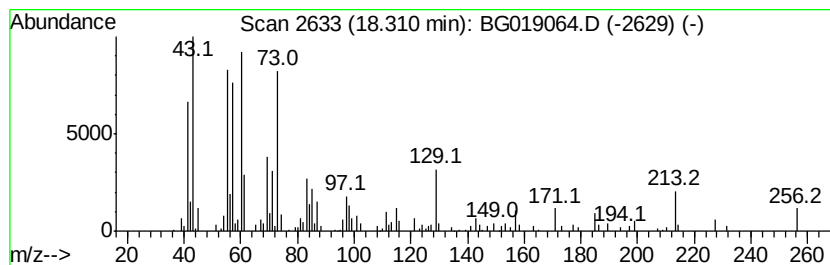
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.59 ng/ul	121875	Phenanthrene-d10	17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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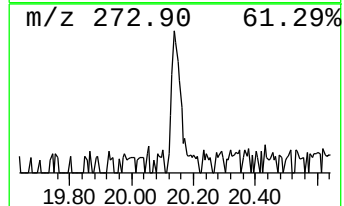
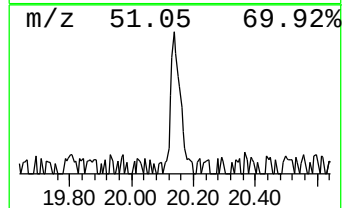
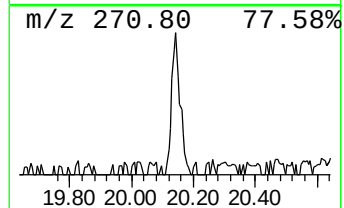
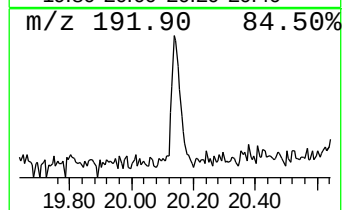
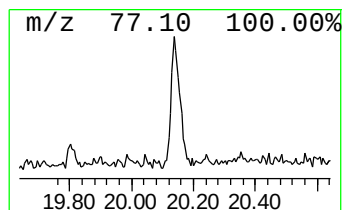
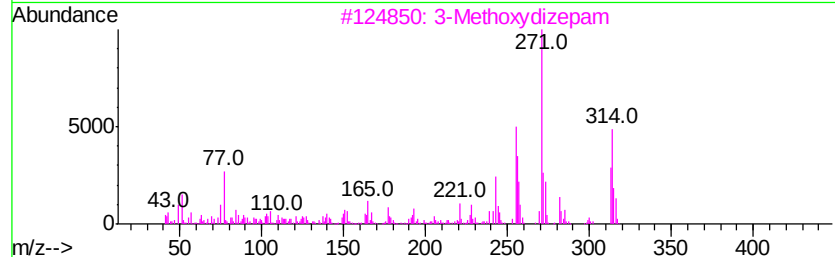
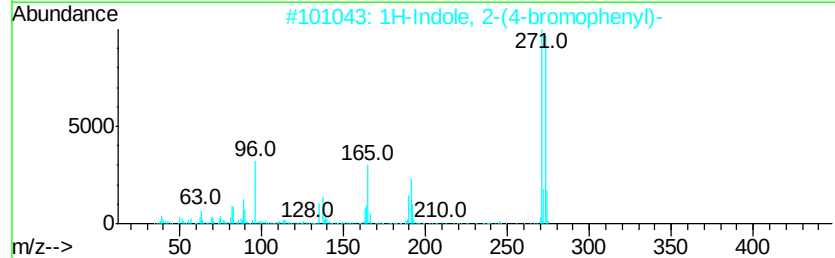
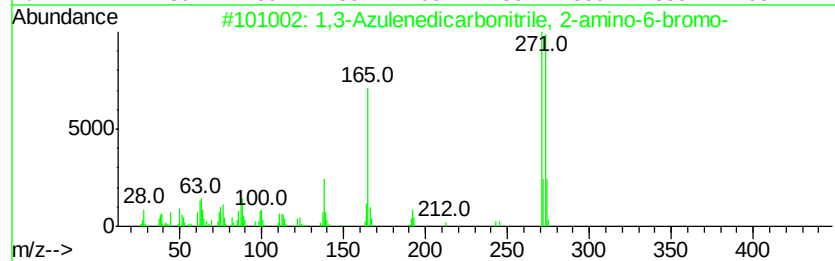
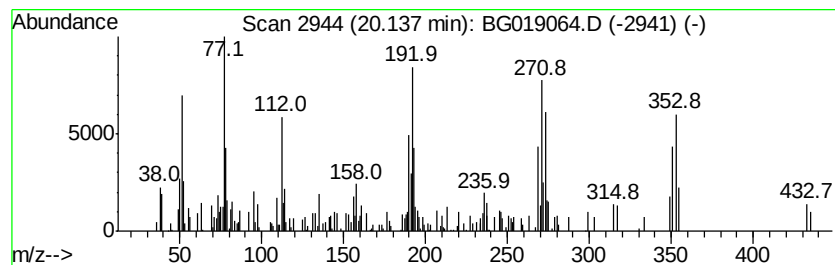
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	2.94 ng/ul	69689	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Azulenedicarbonitrile, 2-ami...	271	C12H6BrN3	053535-45-8	25
2		1H-Indole, 2-(4-bromophenyl)-	271	C14H10BrN	006127-49-7	22
3		3-Methoxydizepam	314	C17H15ClN2O2	017191-70-7	14
4		5-Phenyl-7-(1,1,2,2-tetrafluoro-...	272	C13H12F4N2	077855-10-8	14
5		7,8-Dimethoxy-2-methyl-3H-pyrimi...	271	C14H13N3O3	055149-31-0	11



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Operator : UM/NP
Sample : G3865-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ0

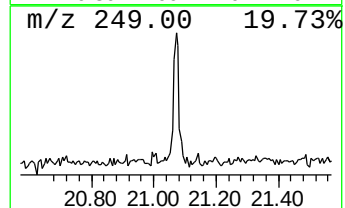
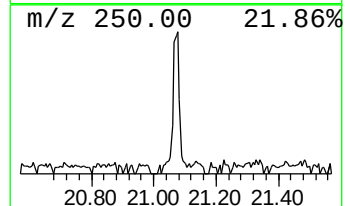
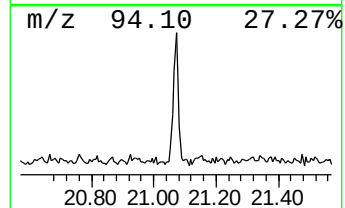
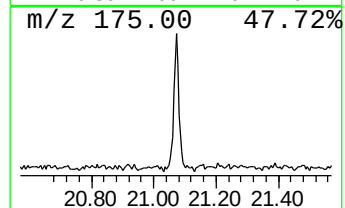
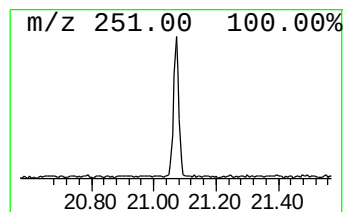
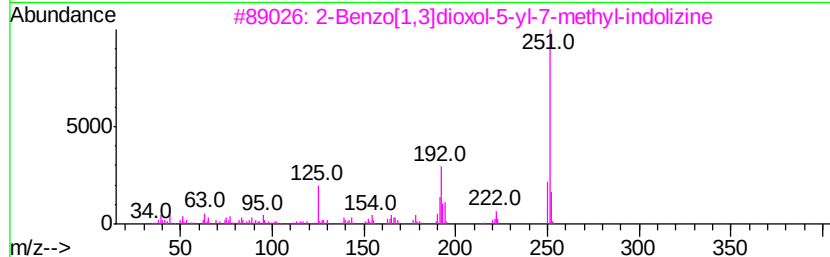
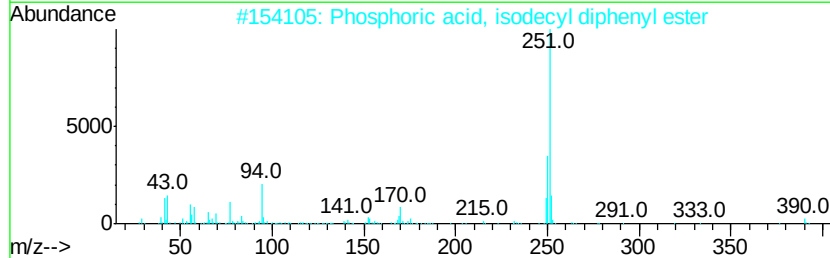
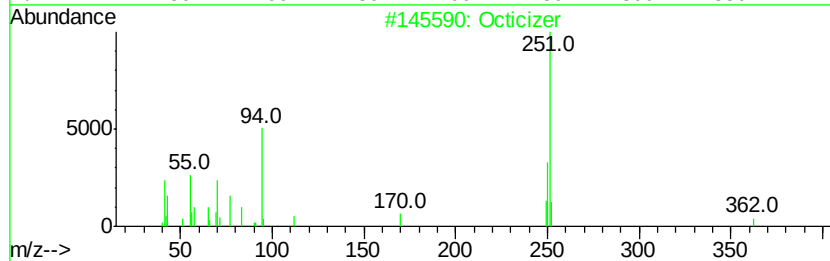
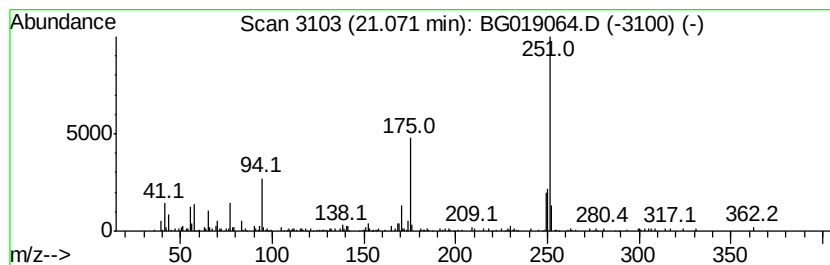
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.44 ng/ul	81623	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octicizer	362	C20H27O4P	001241-94-7	43
2		Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	35
3		2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	32
4		5,6-Diphenyl-4,5-dihydro-1,2,4-t...	251	C15H13N3O	013163-00-3	25
5		5,7-Dinitro-8-hydroxy carbostyryl	251	C9H5N3O6	015450-74-5	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019064.D
Acq On : 7 Oct 2015 2:55
Operator : UM/NP
Sample : G3865-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ0

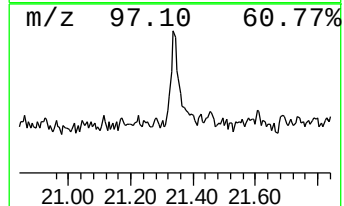
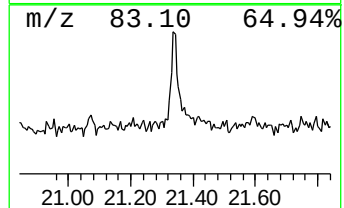
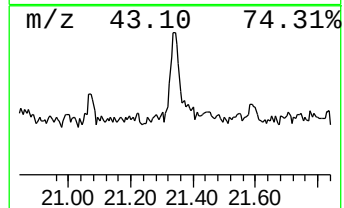
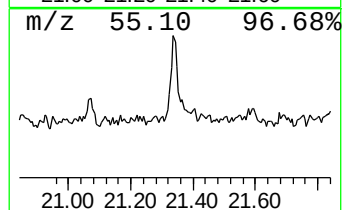
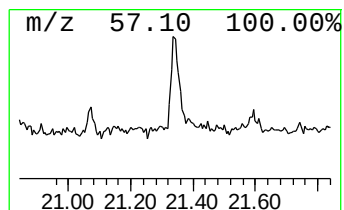
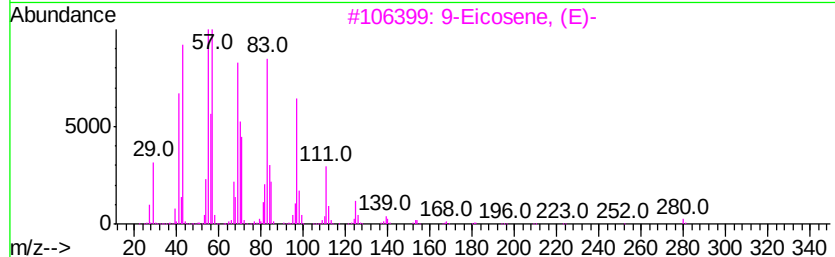
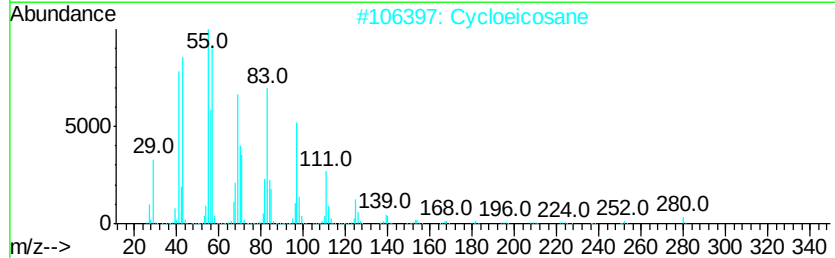
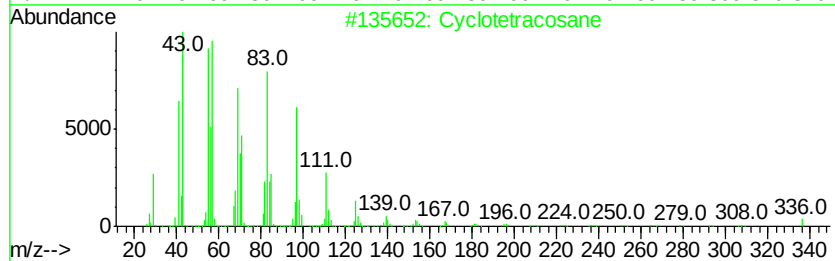
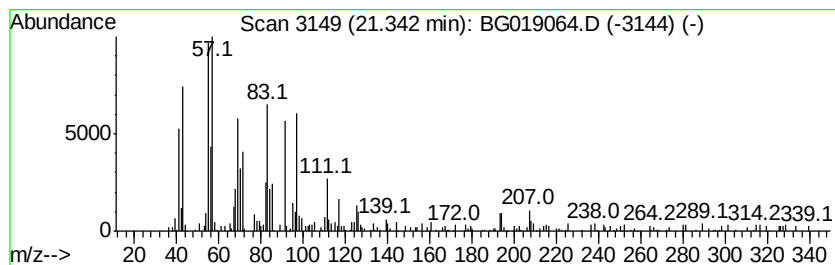
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.75 ng/ul	136302	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		Cycloeicosane	280	C20H40	000296-56-0	70
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	53
4		1-Octadecene	252	C18H36	000112-88-9	53
5		1-Heptadecene	238	C17H34	006765-39-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019064.D
Acq On : 7 Oct 2015 2:55
Operator : UM/NP
Sample : G3865-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
E5MZ0

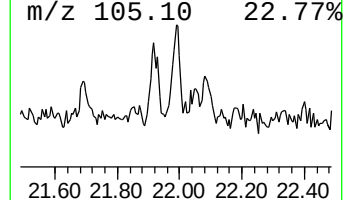
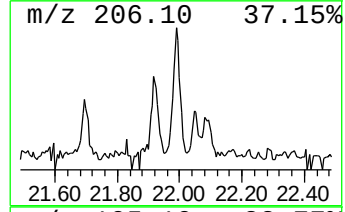
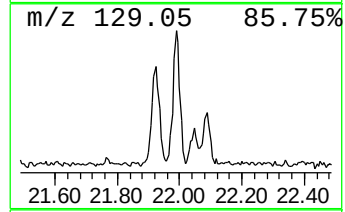
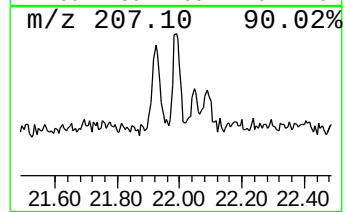
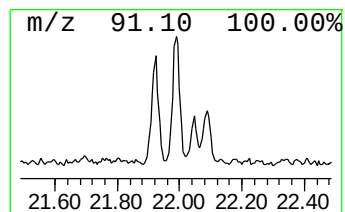
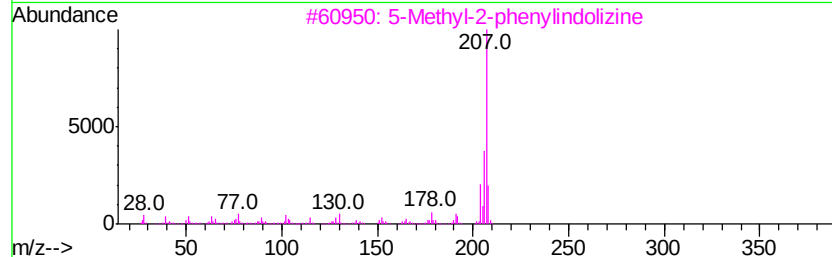
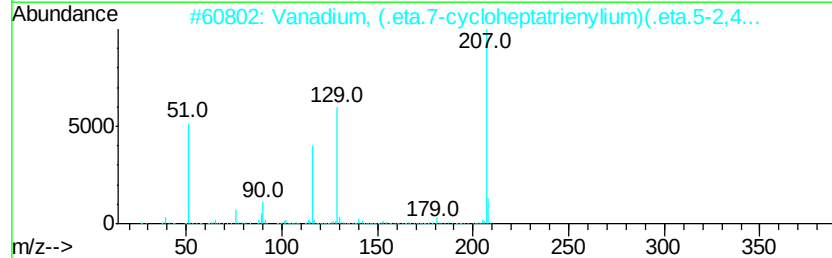
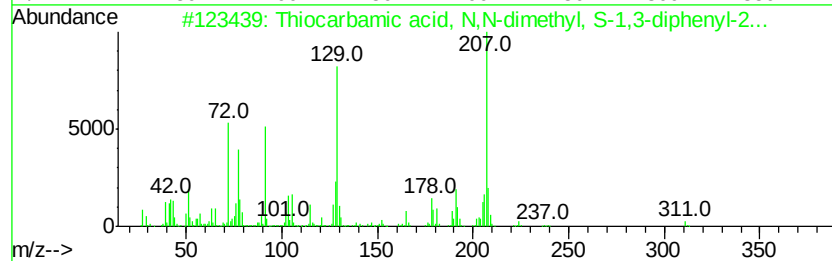
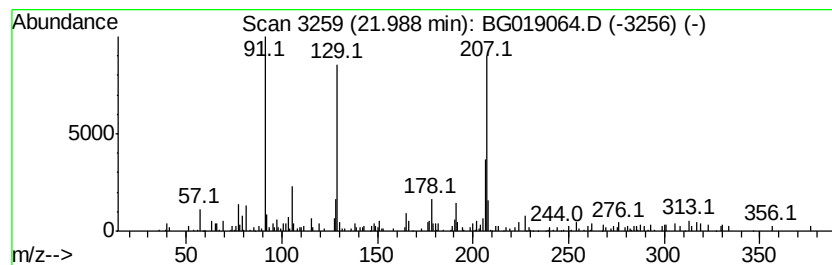
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Thiocarbamic acid, N,N-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.71 ng/ul	64338	Chrysene-d12	21.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiocarbamic acid, N,N-dimethyl,...	311	C19H21NOS	1000192-89-2	50
2		Vanadium, (.eta.7-cycloheptatrie...	207	C12H12V	012636-68-9	50
3		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
4		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45
5		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100615\
Data File : BG019064.D
Acq On : 7 Oct 2015 2:55
Operator : UM/NP
Sample : G3865-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ0

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...	3.23	11.1	ng/ul	72829	1	8.05	131786	20.0
n-Hexadecanoic acid	18.31	5.6	ng/ul	121875	4	17.42	435951	20.0
unknown-01	20.14	2.9	ng/ul	69689	5	21.69	474374	20.0
unknown-02	21.07	3.4	ng/ul	81623	5	21.69	474374	20.0
(DEL) Alkane: Cyc...	21.34	5.8	ng/ul	136302	5	21.69	474374	20.0
Thiocarbamic acid...	21.99	2.7	ng/ul	64338	5	21.69	474374	20.0