

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019289.D
 Acq On : 21 Oct 2015 20:44
 Operator : UM/NP
 Sample : G4057-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LM2

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	3.073	35	40	49	rBV2	29032	50938	8.88%	0.842%
2	3.149	49	53	64	rVB	79441	105828	18.45%	1.749%
3	7.162	730	736	745	rBV	11717	19761	3.44%	0.327%
4	7.309	755	761	768	rVB	45328	71100	12.39%	1.175%
5	7.521	791	797	804	rVB	50684	81627	14.23%	1.349%
6	7.985	870	876	882	rBV	54283	87059	15.18%	1.439%
7	8.290	925	928	932	rVB3	1918	2615	0.46%	0.043%
8	8.631	982	986	990	rBV2	3436	4491	0.78%	0.074%
9	8.702	992	998	1009	rVB2	41381	67779	11.82%	1.120%
10	9.148	1067	1074	1082	rVB	69144	121498	21.18%	2.008%
11	9.407	1115	1118	1123	rBV4	2780	4312	0.75%	0.071%
12	9.530	1134	1139	1143	rBV3	4245	6571	1.15%	0.109%
13	9.871	1190	1197	1206	rVB	66578	115759	20.18%	1.913%
14	10.082	1228	1233	1235	rVB2	1497	2017	0.35%	0.033%
15	10.417	1283	1290	1297	rBV	90870	158124	27.56%	2.613%
16	10.617	1320	1324	1331	rVB3	2033	2901	0.51%	0.048%
17	10.787	1344	1353	1364	rBV	87628	157041	27.38%	2.595%
18	10.934	1374	1378	1387	rVB4	5614	9477	1.65%	0.157%
19	11.199	1420	1423	1428	rVB3	2142	3307	0.58%	0.055%
20	11.340	1443	1447	1450	rBV3	1775	2619	0.46%	0.043%
21	11.375	1450	1453	1458	rVB2	4908	7300	1.27%	0.121%
22	11.669	1498	1503	1509	rBV4	4539	6733	1.17%	0.111%
23	11.910	1539	1544	1551	rVB2	7871	12875	2.24%	0.213%
24	11.986	1553	1557	1560	rBV3	1555	2254	0.39%	0.037%
25	12.192	1588	1592	1598	rVB2	2343	3404	0.59%	0.056%
26	12.386	1620	1625	1629	rVB6	1562	3256	0.57%	0.054%
27	12.480	1633	1641	1647	rBV	26620	41205	7.18%	0.681%
28	12.538	1647	1651	1652	rBV4	1785	2095	0.37%	0.035%
29	12.626	1660	1666	1669	rBV5	2692	5948	1.04%	0.098%
30	12.656	1669	1671	1676	rVB4	1976	3024	0.53%	0.050%
31	12.773	1687	1691	1697	rBV2	9149	11403	1.99%	0.188%
32	12.826	1697	1700	1701	rBV3	2232	2292	0.40%	0.038%
33	12.885	1708	1710	1718	rVB5	5503	7894	1.38%	0.130%
34	12.967	1718	1724	1729	rVV3	18536	29289	5.11%	0.484%

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35	13.032	1729	1735	1740	rVV5	12066	33665	5.87%	0.556%
36	13.073	1740	1742	1749	rVV4	8506	14184	2.47%	0.234%
37	13.126	1749	1751	1758	rVV3	3358	5302	0.92%	0.088%
38	13.226	1762	1768	1772	rVB2	1586	2764	0.48%	0.046%
39	13.361	1789	1791	1796	rVB5	3034	3732	0.65%	0.062%
40	13.420	1796	1801	1806	rBV4	6255	10208	1.78%	0.169%
41	13.490	1811	1813	1815	rBV2	2025	2131	0.37%	0.035%
42	13.584	1826	1829	1837	rVB4	9084	18874	3.29%	0.312%
43	13.755	1852	1858	1861	rBV4	8949	18230	3.18%	0.301%
44	13.790	1861	1864	1872	rVV7	13090	24409	4.26%	0.403%
45	13.854	1872	1875	1877	rVV3	3139	4148	0.72%	0.069%
46	13.884	1877	1880	1885	rVV4	6819	11107	1.94%	0.184%
47	13.948	1887	1891	1895	rVV5	4688	10152	1.77%	0.168%
48	14.025	1895	1904	1911	rVB	213050	315332	54.97%	5.211%
49	14.113	1912	1919	1924	rBV5	16174	30748	5.36%	0.508%
50	14.201	1929	1934	1940	rVV3	6817	11055	1.93%	0.183%
51	14.248	1940	1942	1947	rVB3	2460	3120	0.54%	0.052%
52	14.313	1947	1953	1960	rBV	217466	338344	58.98%	5.592%
53	14.436	1970	1974	1977	rVB3	1958	2523	0.44%	0.042%
54	14.501	1977	1985	1986	rBV2	5969	11026	1.92%	0.182%
55	14.618	1999	2005	2013	rBV2	176559	282667	49.28%	4.672%
56	14.695	2014	2018	2022	rBV2	8240	12806	2.23%	0.212%
57	14.789	2029	2034	2036	rBV4	7126	11961	2.09%	0.198%
58	14.812	2036	2038	2039	rVV	7929	7720	1.35%	0.128%
59	14.842	2040	2043	2053	rVB2	17634	29606	5.16%	0.489%
60	14.924	2053	2057	2059	rBV2	4552	6575	1.15%	0.109%
61	15.000	2065	2070	2074	rVB6	5356	7925	1.38%	0.131%
62	15.100	2083	2087	2091	rVB4	2424	4261	0.74%	0.070%
63	15.159	2093	2097	2101	rBV5	2116	3359	0.59%	0.056%
64	15.241	2107	2111	2115	rVB4	2874	5059	0.88%	0.084%
65	15.282	2115	2118	2120	rBV3	1796	2011	0.35%	0.033%
66	15.406	2135	2139	2142	rBV3	6374	11511	2.01%	0.190%
67	15.547	2160	2163	2164	rBV2	2970	3049	0.53%	0.050%
68	15.611	2168	2174	2180	rVB	307426	446574	77.85%	7.380%
69	15.735	2189	2195	2201	rVB	110584	169624	29.57%	2.803%
70	15.823	2206	2210	2213	rBV4	4372	7600	1.32%	0.126%
71	15.858	2213	2216	2220	rVB5	5485	8427	1.47%	0.139%

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72	15.911	2220	2225	2230	rBV	59845	75093	13.09%	1.241%
73	15.981	2233	2237	2240	rVB3	11695	15512	2.70%	0.256%
74	16.023	2242	2244	2246	rBV2	2590	2406	0.42%	0.040%
75	16.128	2260	2262	2268	rBV4	2344	4126	0.72%	0.068%
76	16.246	2278	2282	2285	rVB5	1929	2778	0.48%	0.046%
77	16.287	2287	2289	2292	rVV3	2029	2257	0.39%	0.037%
78	16.352	2297	2300	2303	rBV5	2189	2840	0.50%	0.047%
79	16.487	2319	2323	2328	rVB6	2673	3806	0.66%	0.063%
80	16.669	2350	2354	2357	rBV2	5211	8477	1.48%	0.140%
81	16.775	2367	2372	2375	rBV4	2579	4494	0.78%	0.074%
82	16.827	2375	2381	2386	rBV8	2489	7052	1.23%	0.117%
83	16.921	2392	2397	2399	rBV4	3429	4797	0.84%	0.079%
84	17.033	2413	2416	2419	rVV2	2299	2593	0.45%	0.043%
85	17.098	2424	2427	2431	rVB4	3847	5317	0.93%	0.088%
86	17.151	2432	2436	2438	rBV2	1960	2681	0.47%	0.044%
87	17.274	2454	2457	2463	rVV4	3635	5050	0.88%	0.083%
88	17.368	2466	2473	2478	rVV	218830	328714	57.30%	5.433%
89	17.409	2478	2480	2482	rVV	1664	2167	0.38%	0.036%
90	17.462	2483	2489	2496	rVV	331689	504511	87.95%	8.338%
91	17.556	2498	2505	2511	rVB7	8729	15630	2.72%	0.258%
92	18.255	2619	2624	2627	rBV3	5991	8274	1.44%	0.137%
93	18.326	2631	2636	2641	rBV2	4225	6915	1.21%	0.114%
94	19.272	2793	2797	2801	rVV5	2191	3526	0.61%	0.058%
95	19.389	2814	2817	2821	rVB2	3411	3601	0.63%	0.060%
96	19.636	2857	2859	2862	rBV4	3357	3884	0.68%	0.064%
97	19.753	2872	2879	2889	rVB	396562	573648	100.00%	9.481%
98	21.628	3192	3198	3205	rVB	253887	394494	68.77%	6.520%
99	24.601	3695	3704	3715	rVB2	218951	573350	99.95%	9.476%
100	24.818	3733	3741	3753	rVB2	133495	377240	65.76%	6.235%

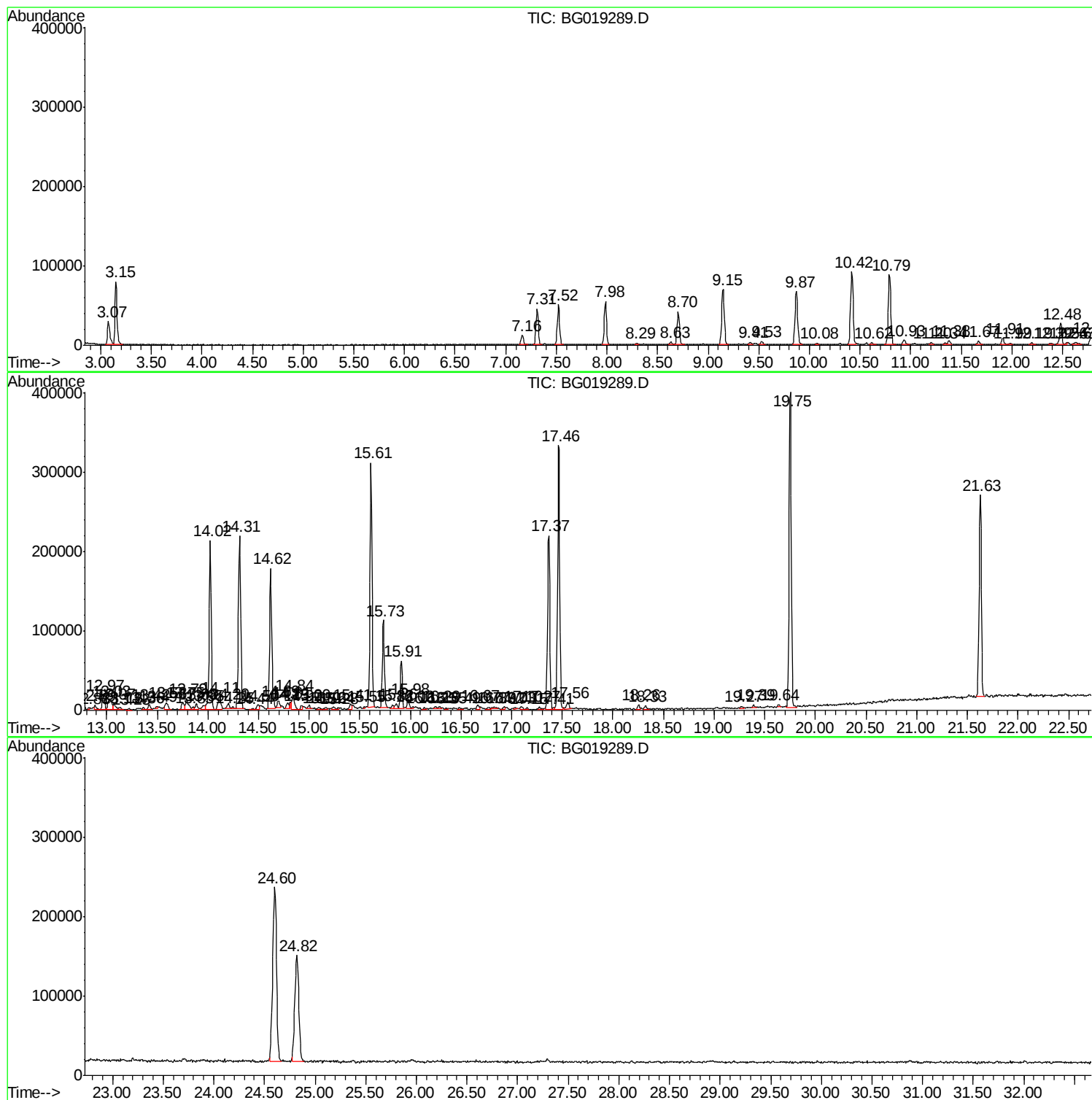
Sum of corrected areas: 6050818

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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



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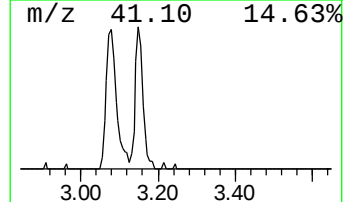
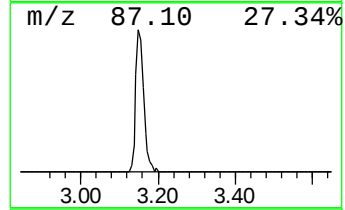
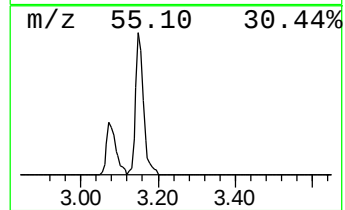
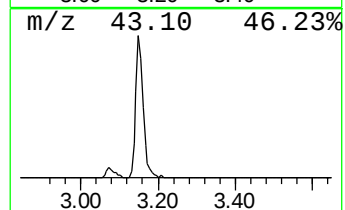
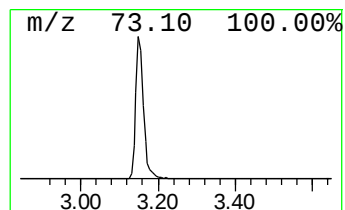
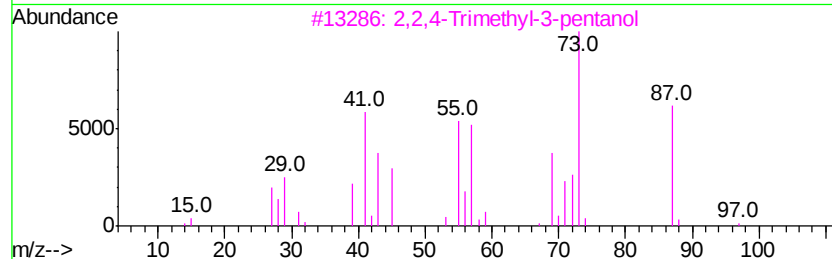
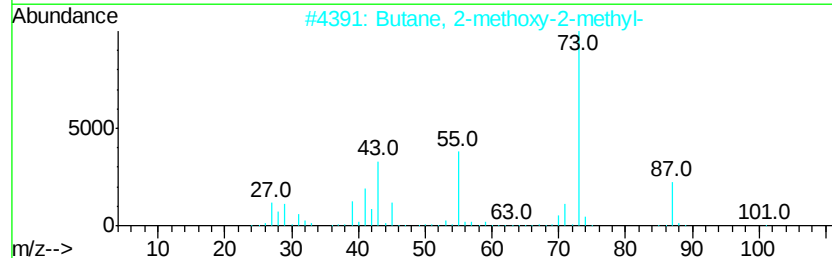
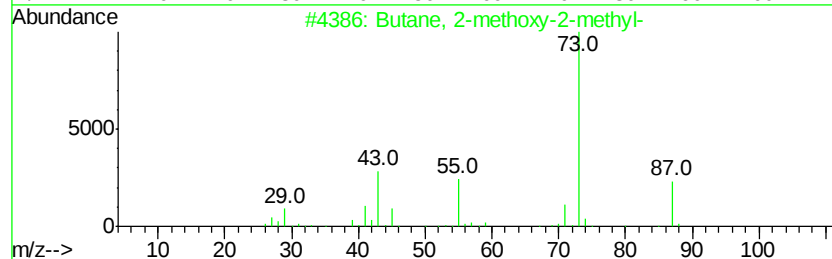
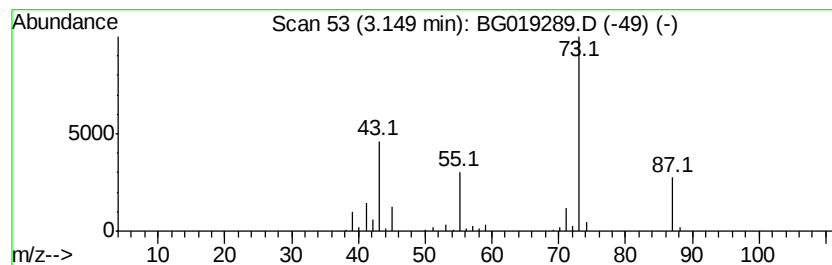
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.15	24.31 ng/ul	105828	1,4-Dichlorobenzene-d4	7.98

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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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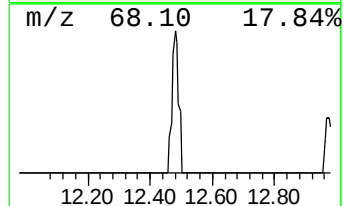
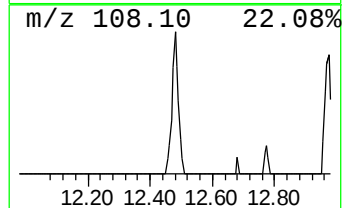
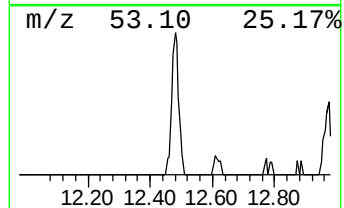
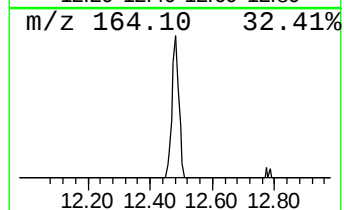
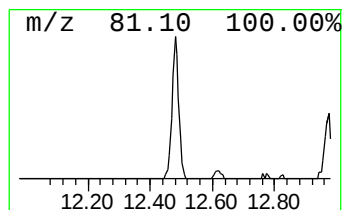
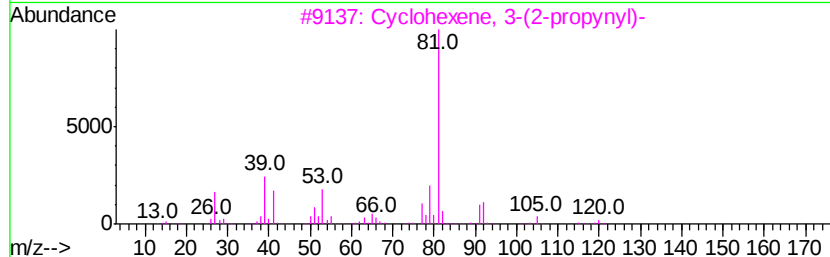
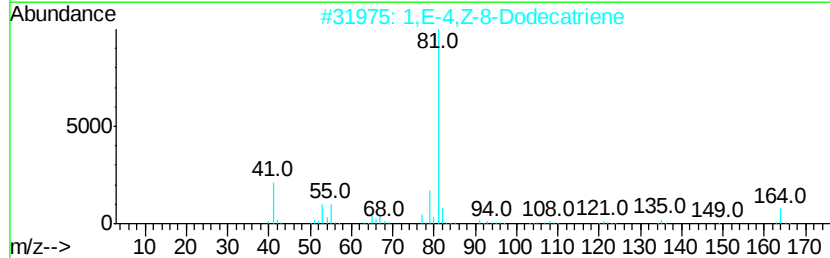
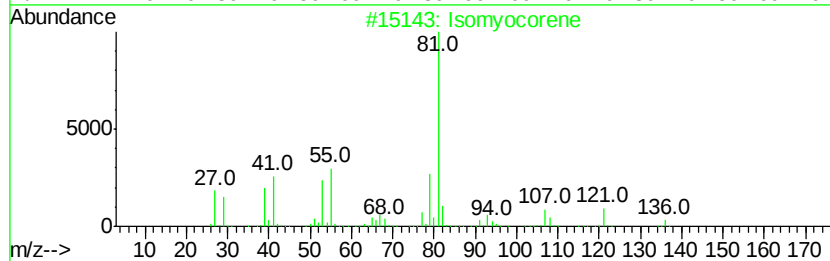
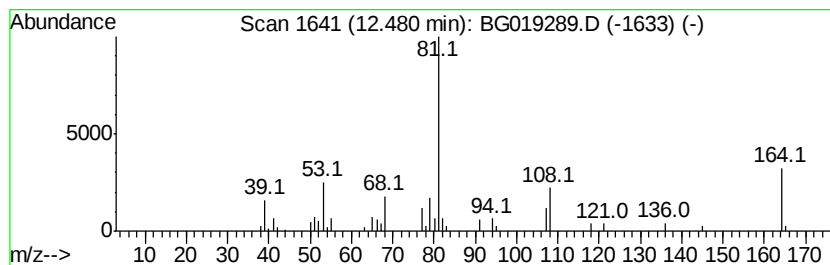
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Isomycorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	5.25 ng/ul	41205	Napthalene-d8	10.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isomycorene	136	C10H16	006876-07-9	58
2		1,E-4,Z-8-Dodecatriene	164	C12H20	083489-22-9	53
3		Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	47
4		2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	43
5		2-Cyclopentene-1-carboxylic acid...	126	C7H10O2	068317-77-1	43



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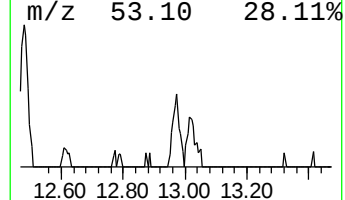
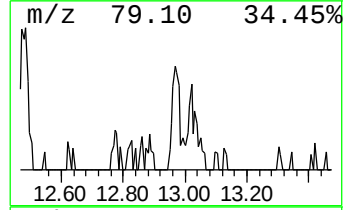
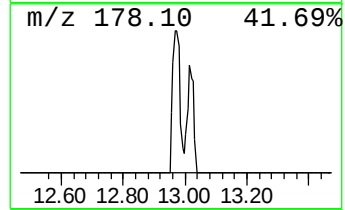
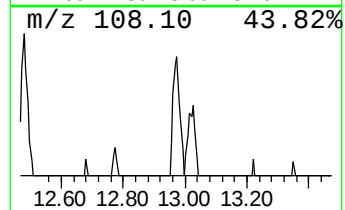
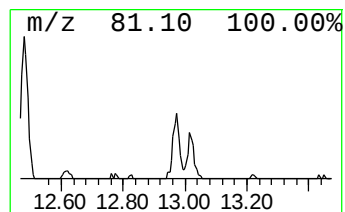
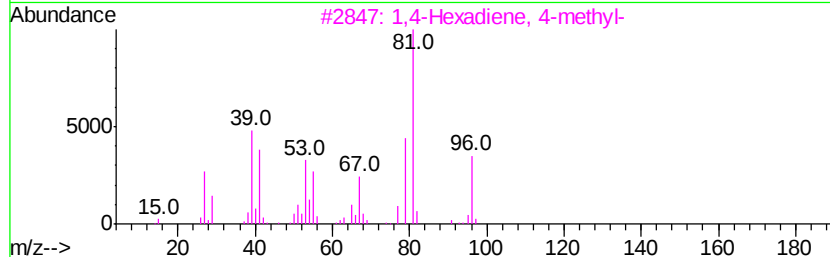
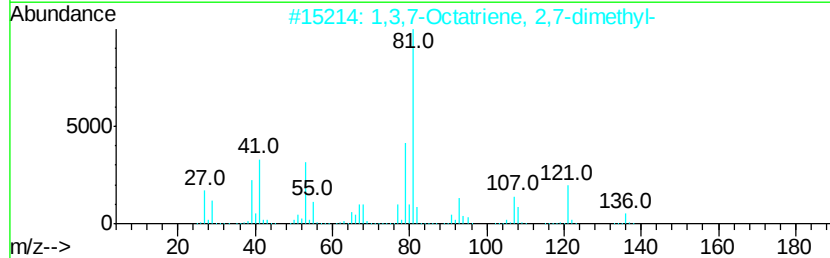
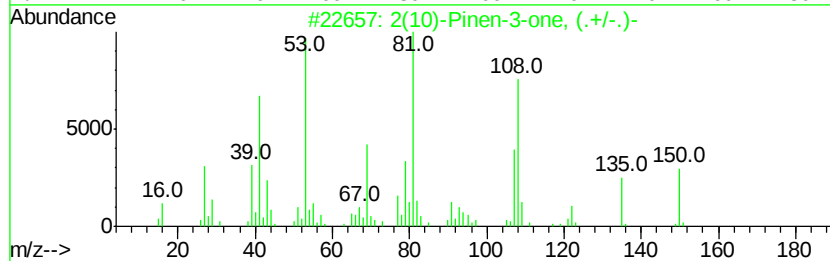
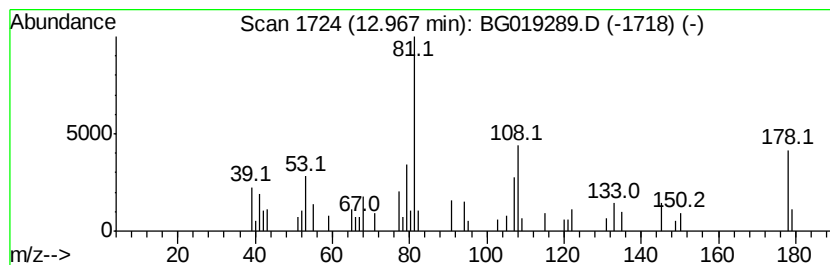
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown12.97 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.07 ng/ul	29289	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(10)-Pinen-3-one, (.+/-.)-	150	C10H14O	030460-92-5	22
2		1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	16
3		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	14
4		Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	14
5		Bicyclo[2.1.0]pentane-5-carboxyl...	154	C9H14O2	074810-55-2	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019289.D
Acq On : 21 Oct 2015 20:44
Operator : UM/NP
Sample : G4057-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LM2

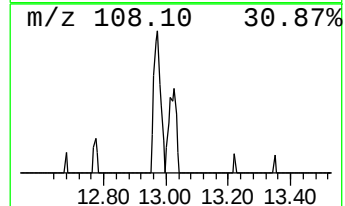
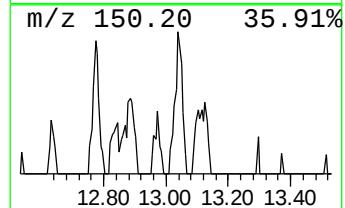
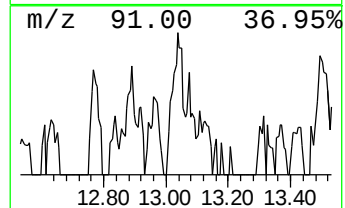
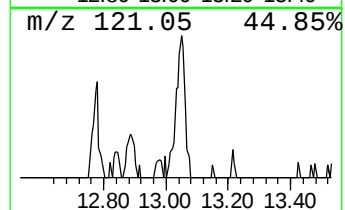
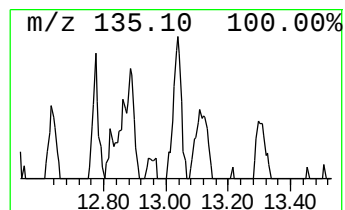
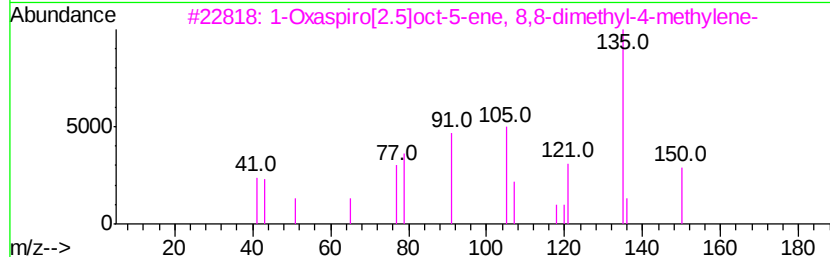
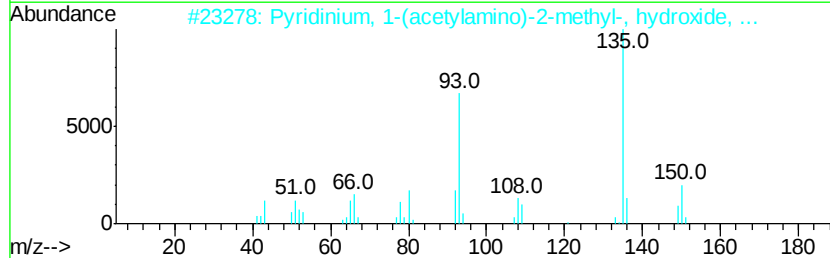
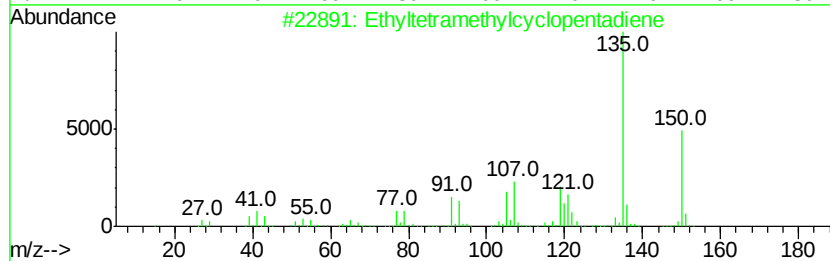
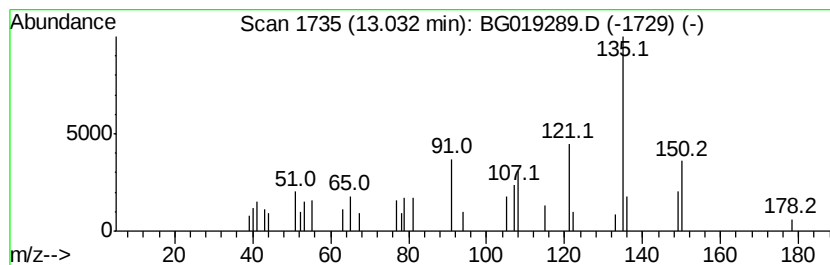
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ethyltetramethylcyclopentad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.38 ng/ul	33665	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyltetramethylcvclopentadiene	150	C11H18	057693-77-3	58
2		Pyridinium, 1-(acetyl-amino)-2-me...	150	C8H10N2O	007584-27-2	53
3		1-Oxaspiro[2.5]oct-5-ene, 8,8-di...	150	C10H14O	054345-60-7	52
4		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	50
5		Acetophenone, 4'-methoxy-	150	C9H10O2	000100-06-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019289.D
Acq On : 21 Oct 2015 20:44
Operator : UM/NP
Sample : G4057-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

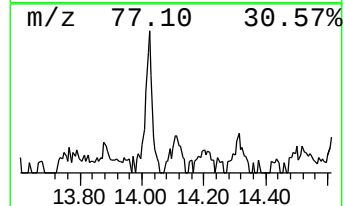
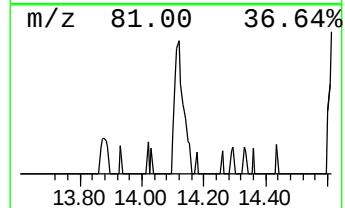
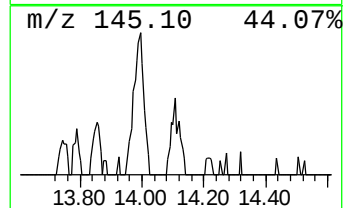
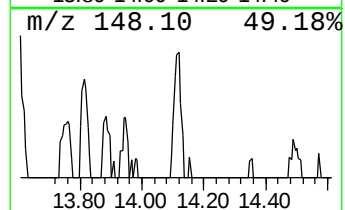
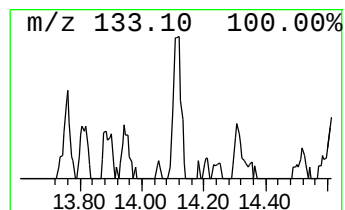
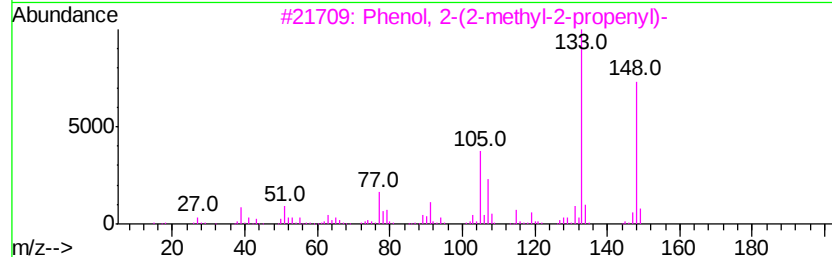
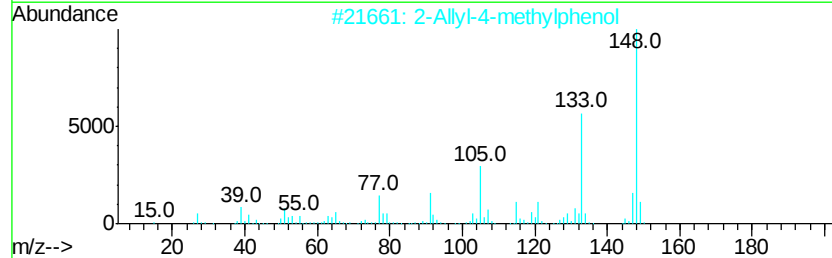
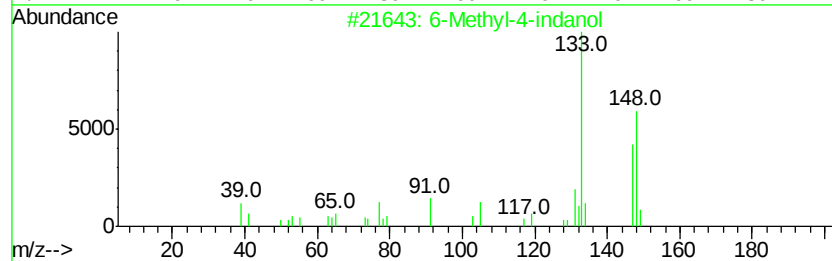
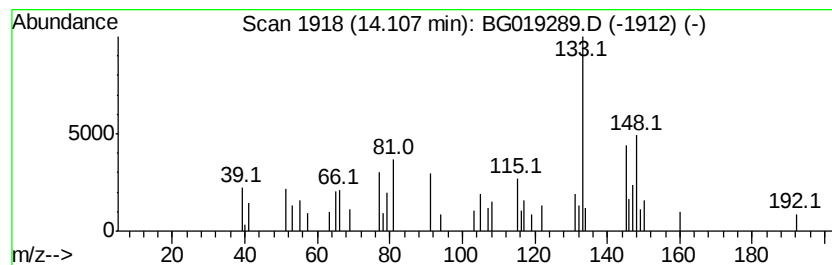
Instrument :
BNA_G
ClientSampleId :
E5LM2

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 6 6-Methyl-4-indanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.18 ng/ul	30748	Acenaphthene-d10	14.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Methyl-4-indanol	148 C10H12O	020294-32-0	62
2	2-Allyl-4-methylphenol	148 C10H12O	006628-06-4	49
3	Phenol, 2-(2-methyl-2-propenyl)-	148 C10H12O	020944-88-1	49
4	Ethanone, 1-(2,5-dimethylphenyl)-	148 C10H12O	002142-73-6	46
5	Benzaldehyde, 4-(1-methylethyl)-	148 C10H12O	000122-03-2	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019289.D
Acq On : 21 Oct 2015 20:44
Operator : UM/NP
Sample : G4057-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LM2

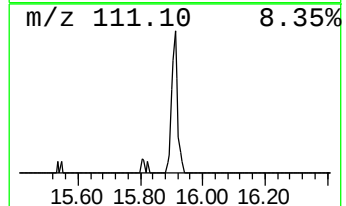
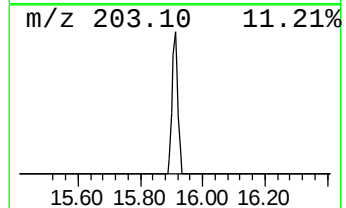
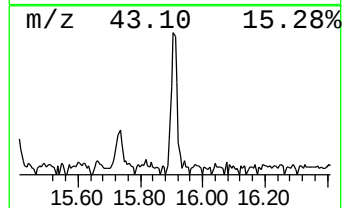
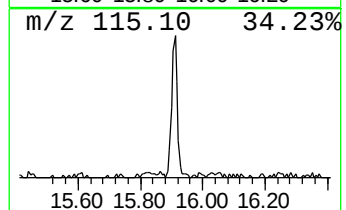
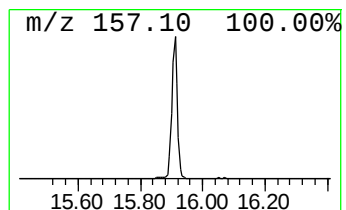
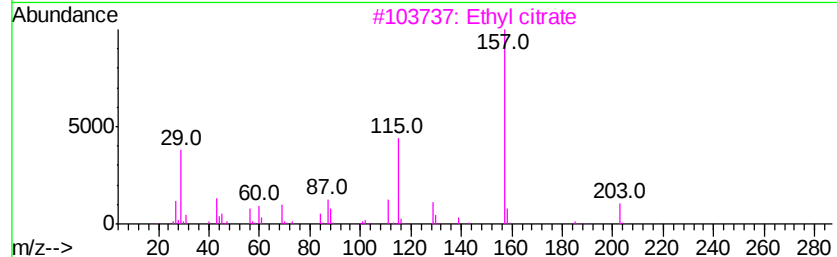
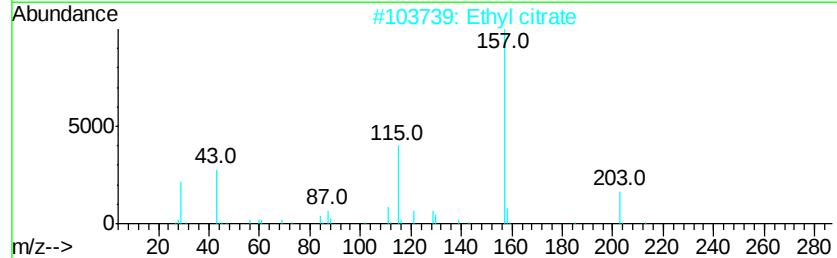
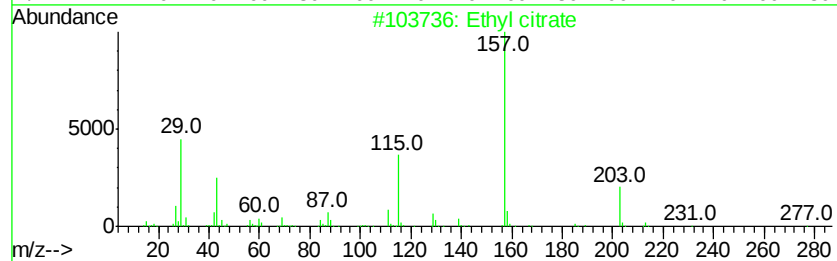
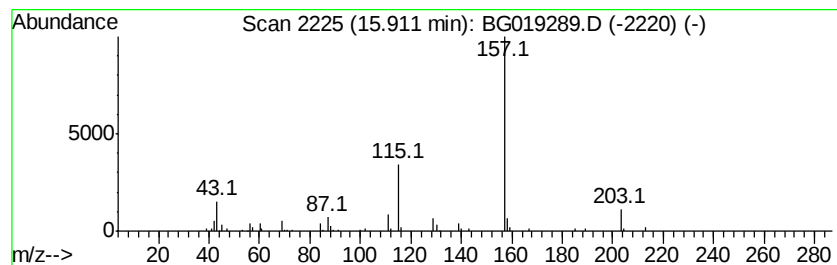
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	5.31 ng/ul	75093	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl citrate	276	C12H20O7	000077-93-0	58
2		Ethyl citrate	276	C12H20O7	000077-93-0	50
3		Ethyl citrate	276	C12H20O7	000077-93-0	50
4		1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	38
5		Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102115\
Data File : BG019289.D
Acq On : 21 Oct 2015 20:44
Operator : UM/NP
Sample : G4057-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LM2

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...	3.15	24.3	ng/ul	105828	1	7.98	87059	20.0
Isomycorene	12.48	5.3	ng/ul	41205	2	10.79	157041	20.0
unknown12.97	12.97	2.1	ng/ul	29289	3	14.62	282667	20.0
Ethyltetramethylc...	13.03	2.4	ng/ul	33665	3	14.62	282667	20.0
6-Methyl-4-indanol	14.11	2.2	ng/ul	30748	3	14.62	282667	20.0
Ethyl citrate	15.91	5.3	ng/ul	75093	3	14.62	282667	20.0