

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020280.D
 Acq On : 18 Dec 2015 18:16
 Operator : UM/SJ
 Sample : G4768-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27

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-BG121415.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	3.116	42	47	56	rBV2	34278	62323	5.68%	0.973%
2	3.193	56	60	69	rVB	14502	21174	1.93%	0.330%
3	4.773	325	329	333	rVB3	4711	7015	0.64%	0.109%
4	7.241	744	749	758	rBB2	9885	17472	1.59%	0.273%
5	7.411	772	778	785	rVB	36367	57937	5.28%	0.904%
6	7.623	808	814	821	rBB2	36664	61035	5.56%	0.953%
7	8.093	887	894	901	rBV	48580	79632	7.25%	1.243%
8	8.469	952	958	962	rBB2	1686	2870	0.26%	0.045%
9	8.633	980	986	992	rBV2	11247	18154	1.65%	0.283%
10	8.792	1007	1013	1021	rBB2	31434	53102	4.84%	0.829%
11	9.256	1086	1092	1101	rBB	46402	81882	7.46%	1.278%
12	9.368	1105	1111	1118	rVB3	3880	7068	0.64%	0.110%
13	9.985	1209	1216	1222	rBV	39965	70169	6.39%	1.095%
14	10.302	1264	1270	1274	rBV2	2892	4622	0.42%	0.072%
15	10.414	1285	1289	1294	rBB2	1547	2271	0.21%	0.035%
16	10.525	1302	1308	1316	rVB	62451	109641	9.99%	1.711%
17	10.913	1365	1374	1377	rBV	70813	134798	12.28%	2.104%
18	10.966	1377	1383	1396	rVV	610609	1098024	100.00%	17.138%
19	11.078	1396	1402	1410	rVB2	27133	46803	4.26%	0.731%
20	12.453	1632	1636	1640	rBV	1800	2603	0.24%	0.041%
21	12.558	1648	1654	1662	rBB	85583	135896	12.38%	2.121%
22	12.676	1669	1674	1679	rBB2	1387	2276	0.21%	0.036%
23	12.776	1682	1691	1699	rBB	42471	68031	6.20%	1.062%
24	13.075	1738	1742	1747	rBB	2417	3161	0.29%	0.049%
25	13.328	1780	1785	1788	rBB2	4803	6006	0.55%	0.094%
26	13.557	1819	1824	1829	rBV	18814	28189	2.57%	0.440%
27	13.604	1829	1832	1836	rVB	1696	2115	0.19%	0.033%
28	13.757	1854	1858	1867	rBB	3091	5230	0.48%	0.082%
29	13.898	1875	1882	1889	rBB4	4511	10209	0.93%	0.159%
30	14.045	1902	1907	1912	rBV4	9408	14953	1.36%	0.233%
31	14.121	1912	1920	1925	rVV	144918	211327	19.25%	3.298%
32	14.168	1925	1928	1934	rVB	25309	32727	2.98%	0.511%
33	14.280	1944	1947	1951	rBV2	3050	4560	0.42%	0.071%
34	14.421	1964	1971	1981	rBV	147047	237041	21.59%	3.700%

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 Title : SVOA CALIBRATION

35	14.603	1999	2002	2005	rBB2	2065	2202	0.20%	0.034%
36	14.726	2012	2023	2028	rBV2	132949	218561	19.90%	3.411%
37	14.791	2028	2034	2040	rVV	107794	166362	15.15%	2.597%
38	14.856	2040	2045	2049	rVV	2119	3154	0.29%	0.049%
39	14.914	2049	2055	2065	rVB4	8240	14822	1.35%	0.231%
40	15.038	2072	2076	2082	rVB2	1569	2511	0.23%	0.039%
41	15.120	2083	2090	2098	rBB	63214	94369	8.59%	1.473%
42	15.508	2152	2156	2158	rBV2	3341	5072	0.46%	0.079%
43	15.549	2160	2163	2168	rVB	5459	6406	0.58%	0.100%
44	15.713	2180	2191	2196	rBV	207757	313374	28.54%	4.891%
45	15.772	2196	2201	2205	rVV	71853	106985	9.74%	1.670%
46	15.825	2205	2210	2215	rVV	45564	67336	6.13%	1.051%
47	15.896	2218	2222	2225	rVV	3110	5351	0.49%	0.084%
48	15.937	2225	2229	2235	rVV4	4355	9641	0.88%	0.150%
49	16.019	2238	2243	2246	rVV	1924	2813	0.26%	0.044%
50	16.060	2246	2250	2255	rVB3	2870	4870	0.44%	0.076%
51	16.183	2265	2271	2272	rBV	1440	2203	0.20%	0.034%
52	16.207	2272	2275	2285	rVB3	4462	8443	0.77%	0.132%
53	16.413	2305	2310	2314	rBV2	7920	10118	0.92%	0.158%
54	16.565	2331	2336	2338	rBV	2271	3672	0.33%	0.057%
55	16.595	2338	2341	2345	rVB2	2118	2244	0.20%	0.035%
56	16.636	2345	2348	2353	rBV2	1942	2577	0.23%	0.040%
57	16.753	2361	2368	2369	rBV2	1959	3002	0.27%	0.047%
58	16.771	2369	2371	2375	rVB	3036	3538	0.32%	0.055%
59	16.818	2375	2379	2382	rBV2	2413	2849	0.26%	0.044%
60	16.924	2393	2397	2399	rBV2	1842	2084	0.19%	0.033%
61	17.206	2440	2445	2448	rBV3	5481	7416	0.68%	0.116%
62	17.253	2448	2453	2456	rVV	2346	4438	0.40%	0.069%
63	17.288	2456	2459	2464	rVB	8410	11050	1.01%	0.172%
64	17.470	2483	2490	2494	rBV	189891	293533	26.73%	4.581%
65	17.511	2494	2497	2502	rVV	140846	191447	17.44%	2.988%
66	17.570	2502	2507	2518	rVB	230378	358038	32.61%	5.588%
67	17.735	2531	2535	2541	rVB3	1389	2295	0.21%	0.036%
68	17.829	2546	2551	2554	rVV2	9768	13071	1.19%	0.204%
69	17.870	2554	2558	2565	rVB	15919	23032	2.10%	0.359%
70	17.940	2567	2570	2575	rVV2	3026	4057	0.37%	0.063%
71	18.116	2596	2600	2605	rVB4	1841	2933	0.27%	0.046%

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72	18.240	2618	2621	2628	rVB2	1255	2605	0.24%	0.041%
73	18.340	2630	2638	2643	rBV4	6513	11782	1.07%	0.184%
74	18.393	2643	2647	2649	rVV4	6536	9581	0.87%	0.150%
75	18.416	2649	2651	2656	rVV2	6866	7860	0.72%	0.123%
76	18.540	2665	2672	2677	rBV	9263	15303	1.39%	0.239%
77	18.634	2683	2688	2693	rBV5	3572	6071	0.55%	0.095%
78	19.192	2779	2783	2787	rBV4	3082	4513	0.41%	0.070%
79	19.256	2790	2794	2797	rBV3	2931	3957	0.36%	0.062%
80	19.515	2826	2838	2845	rBV	30757	47720	4.35%	0.745%
81	19.850	2887	2895	2906	rBV	312055	487789	44.42%	7.613%
82	20.138	2940	2944	2946	rBV5	1823	2849	0.26%	0.044%
83	20.255	2960	2964	2967	rVV4	4470	6694	0.61%	0.104%
84	20.361	2979	2982	2988	rVB3	7132	9310	0.85%	0.145%
85	20.508	3006	3007	3011	rBV2	1574	2197	0.20%	0.034%
86	20.854	3062	3066	3069	rBV2	3771	5167	0.47%	0.081%
87	20.896	3070	3073	3077	rVB3	3879	4439	0.40%	0.069%
88	21.366	3148	3153	3159	rBV5	4601	8178	0.74%	0.128%
89	21.618	3192	3196	3202	rBV6	2785	4882	0.44%	0.076%
90	21.742	3211	3217	3227	rBV	234598	397287	36.18%	6.201%
91	21.871	3238	3239	3243	rBV4	1487	2229	0.20%	0.035%
92	23.240	3464	3472	3478	rBV7	4272	10371	0.94%	0.162%
93	23.440	3501	3506	3512	rVB2	9932	15592	1.42%	0.243%
94	24.057	3607	3611	3619	rVV6	3668	7582	0.69%	0.118%
95	24.791	3725	3736	3747	rBV2	99425	275912	25.13%	4.306%
96	25.020	3764	3775	3789	rBV2	125801	364805	33.22%	5.694%
97	26.166	3963	3970	3972	rBV5	4345	8171	0.74%	0.128%
98	26.565	4034	4038	4041	rBV6	1315	2126	0.19%	0.033%
99	27.535	4199	4203	4204	rBV3	3008	3376	0.31%	0.053%
100	28.475	4360	4363	4366	rBV5	1788	2436	0.22%	0.038%

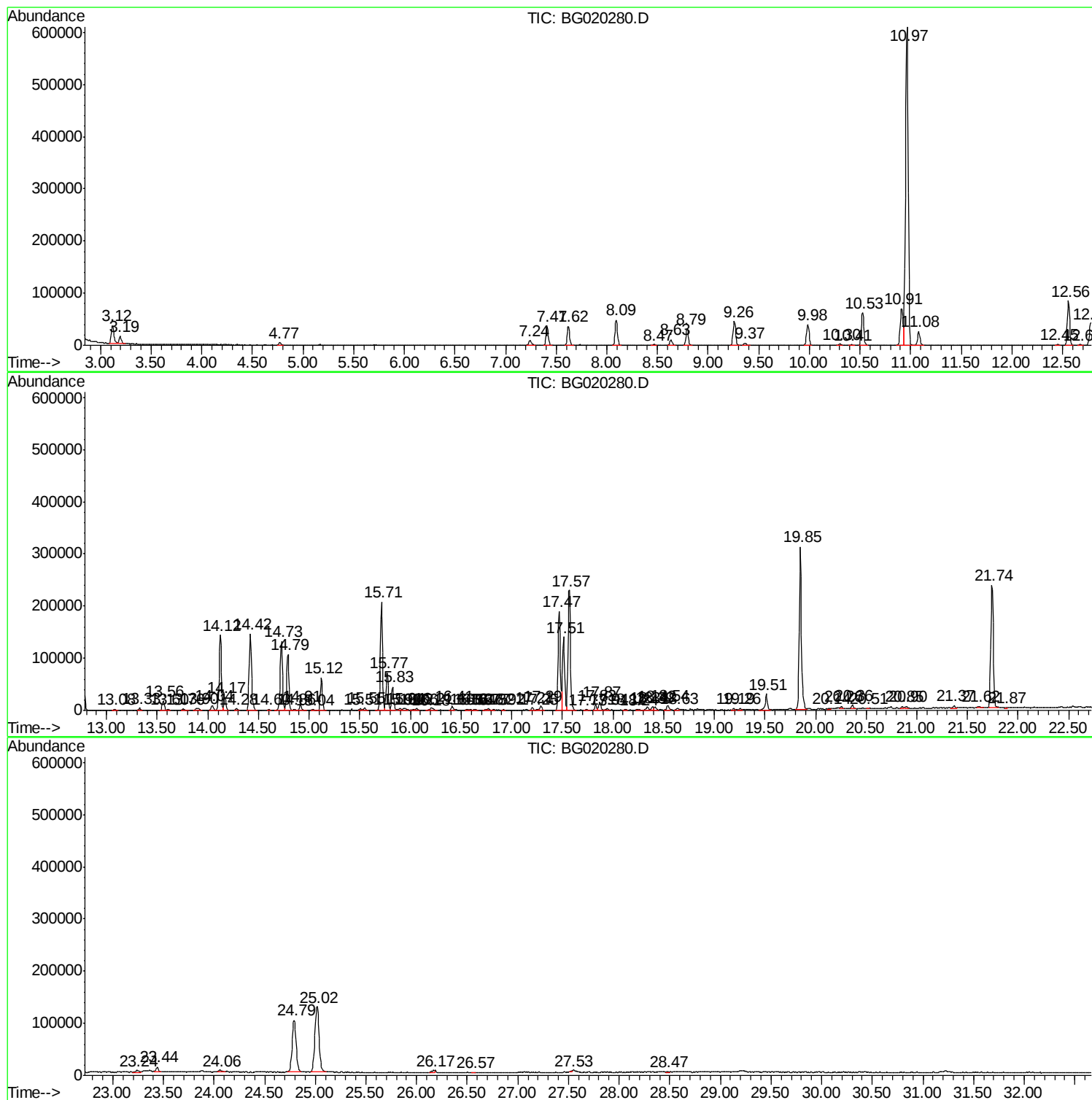
Sum of corrected areas: 6406969

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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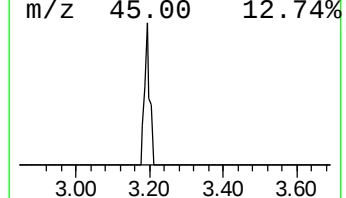
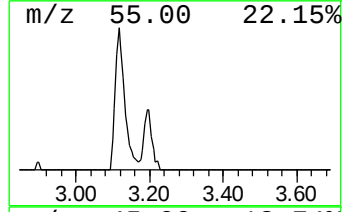
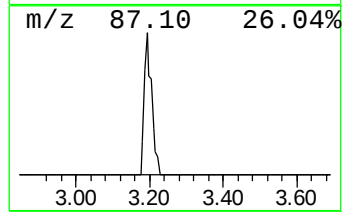
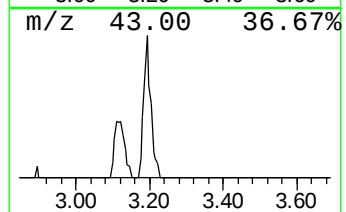
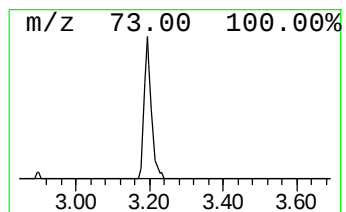
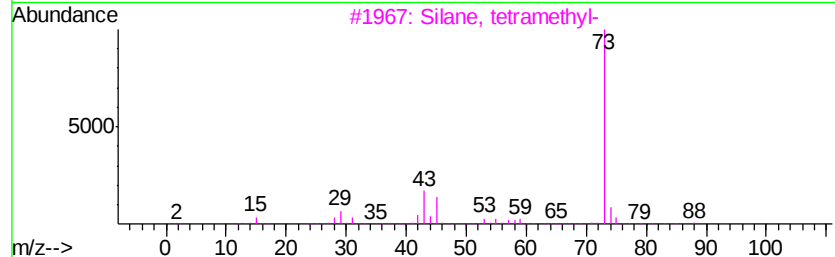
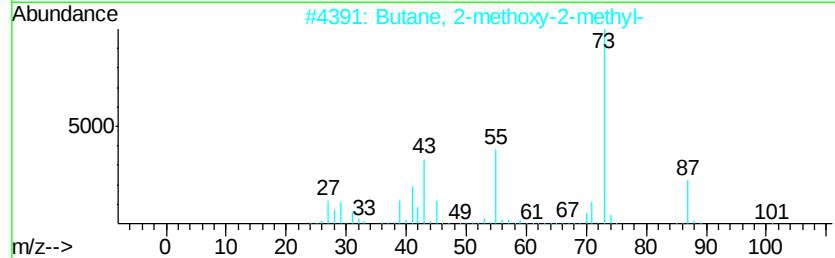
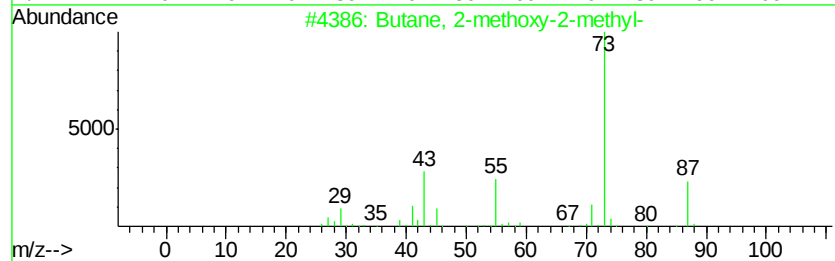
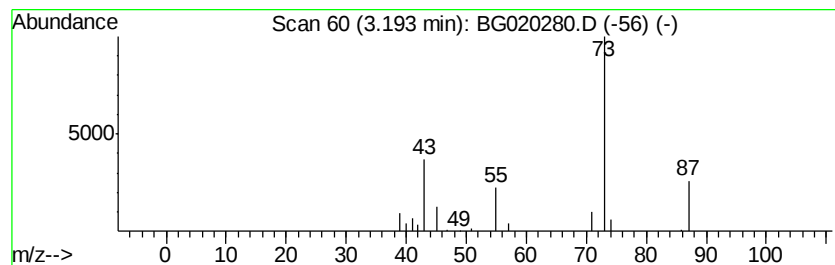
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	5.32 ng/ul	21174	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		1-Propene-1-thiol	74	C3H6S	000925-89-3	5
5		N-Ethylformamide	73	C3H7NO	000627-45-2	4



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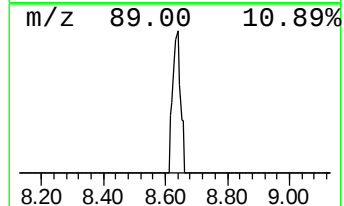
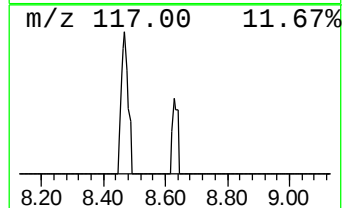
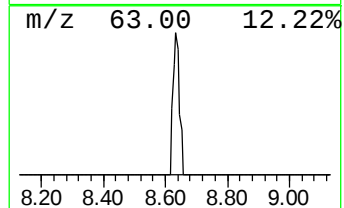
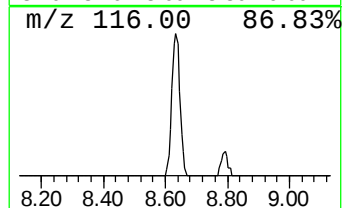
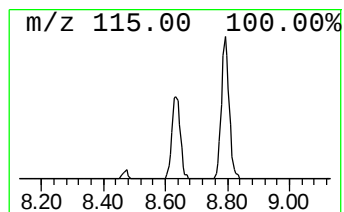
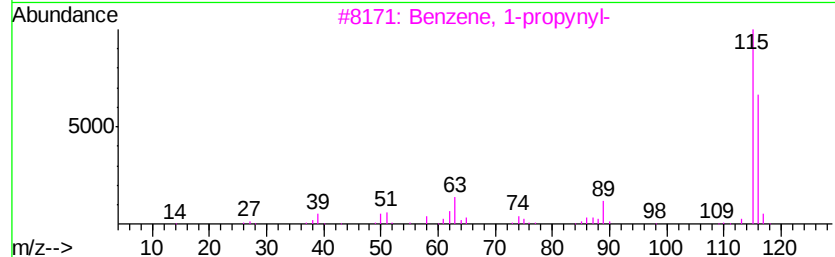
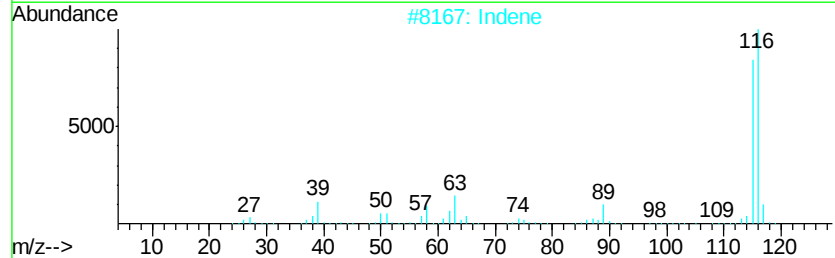
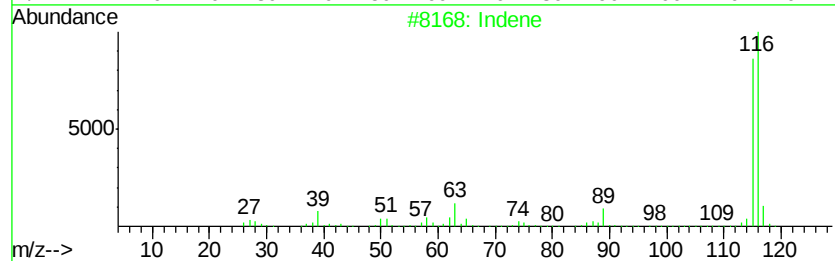
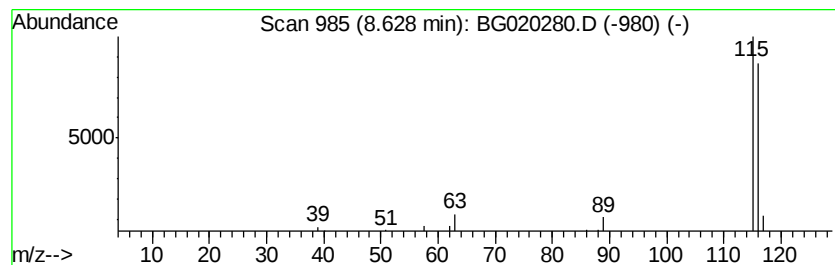
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	4.56 ng/ul	18154	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	87
2		Indene	116	C9H8	000095-13-6	87
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
4		Indene	116	C9H8	000095-13-6	86
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	86



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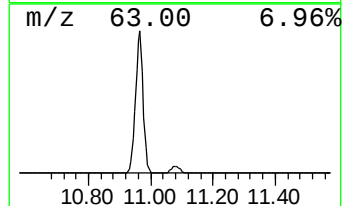
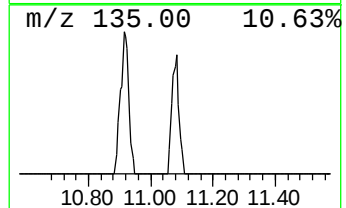
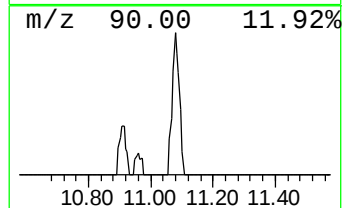
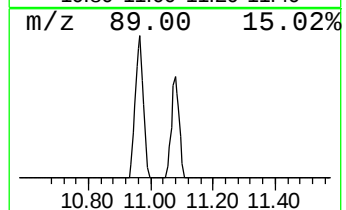
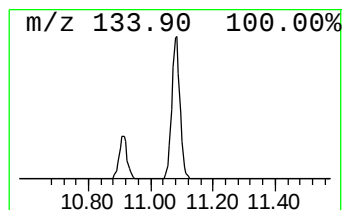
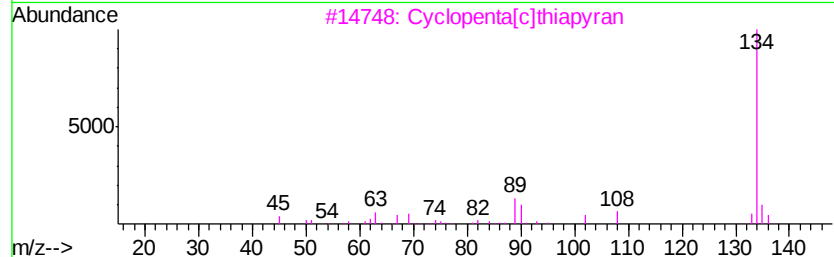
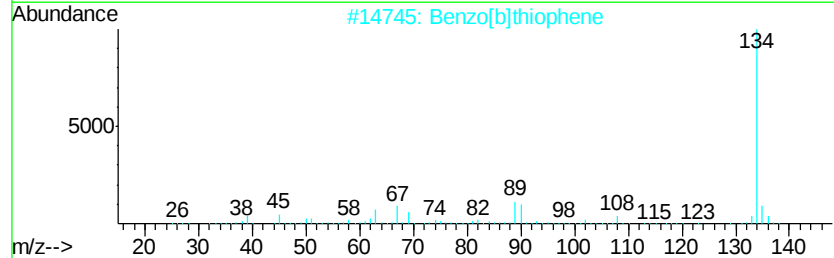
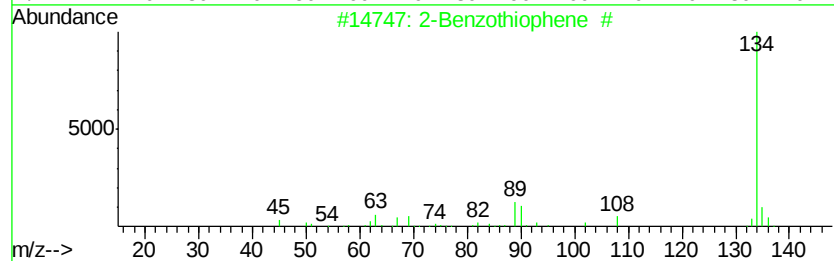
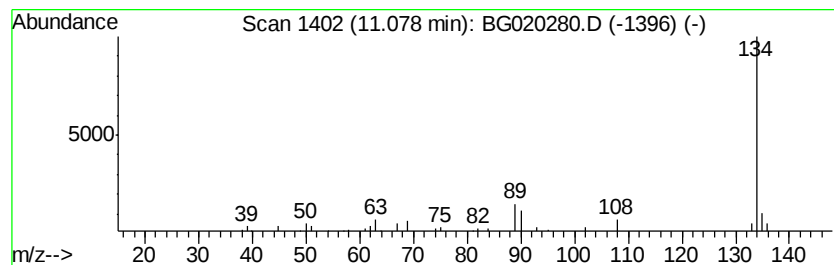
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Benzothiophene # Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	6.94 ng/ul	46803	Naphthalene-d8	10.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Benzothiophene #	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020280.D
Acq On : 18 Dec 2015 18:16
Operator : UM/SJ
Sample : G4768-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27

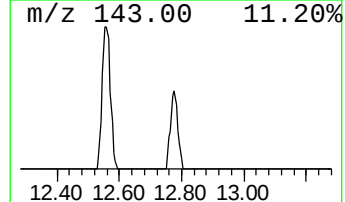
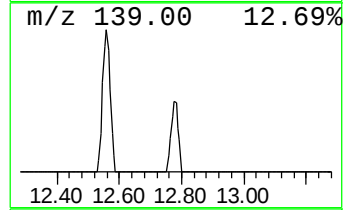
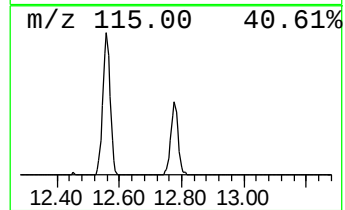
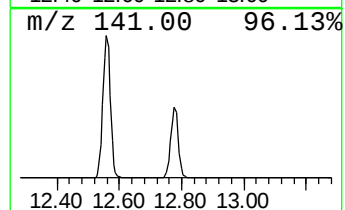
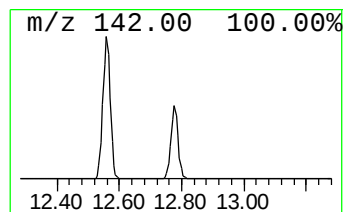
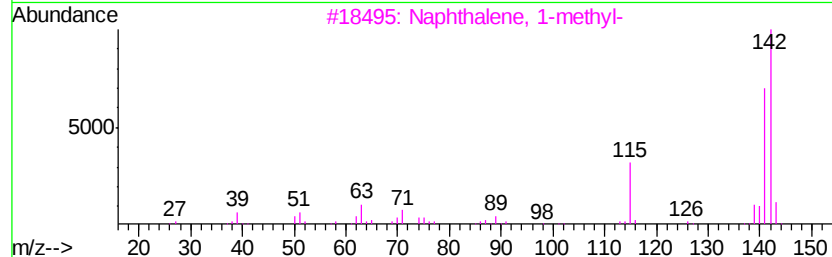
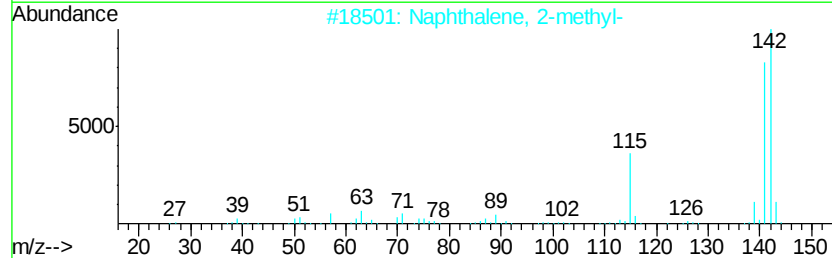
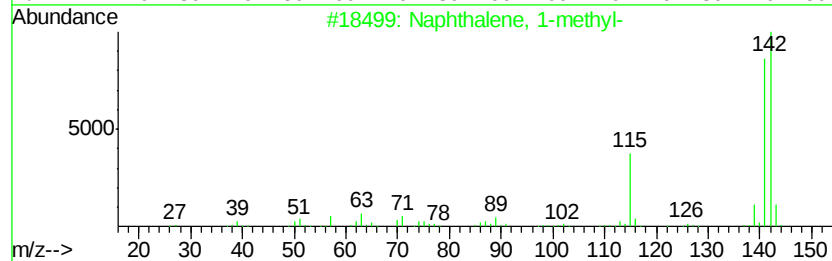
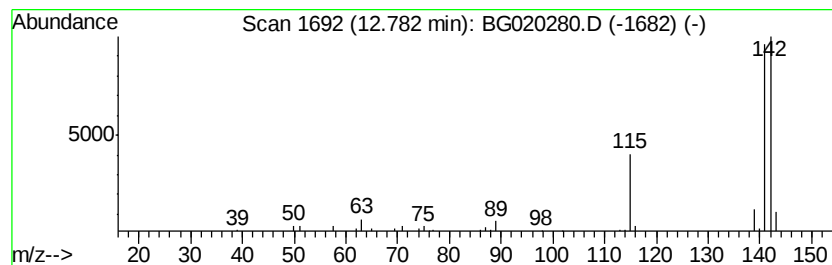
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	10.09 ng/ul	68031	Naphthalene-d8	10.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020280.D
Acq On : 18 Dec 2015 18:16
Operator : UM/SJ
Sample : G4768-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.19	5.3	ng/ul	21174	1	8.09	79632	20.0
Indene	8.63	4.6	ng/ul	18154	1	8.09	79632	20.0
2-Benzothiophene #	11.08	6.9	ng/ul	46803	2	10.91	134798	20.0
Naphthalene, 1-me...	12.78	10.1	ng/ul	68031	2	10.91	134798	20.0