

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053116\
 Data File : BG022124.D
 Acq On : 31 May 2016 22:17
 Operator : UM/SJ
 Sample : H3305-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZM7

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-BG052116.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	3.856	171	173	179	rVB3	1607	1925	0.15%	0.018%
2	4.314	248	251	254	rVB3	1242	1477	0.11%	0.014%
3	6.124	555	559	560	rVB3	1212	1452	0.11%	0.014%
4	7.099	723	725	730	rBV3	994	1722	0.13%	0.016%
5	7.299	753	759	768	rBV2	12230	24466	1.87%	0.231%
6	7.452	779	785	798	rBV	55855	117591	9.01%	1.110%
7	7.669	814	822	834	rBV	63669	128229	9.82%	1.211%
8	8.139	892	902	914	rBV	86648	181276	13.88%	1.711%
9	8.345	934	937	939	rBV3	1636	2078	0.16%	0.020%
10	8.850	1016	1023	1034	rBV2	46844	99813	7.64%	0.942%
11	9.232	1083	1088	1093	rBV3	1817	3552	0.27%	0.034%
12	9.309	1093	1101	1117	rBV	70474	158986	12.18%	1.501%
13	10.037	1218	1225	1241	rBV2	61454	137413	10.52%	1.297%
14	10.578	1311	1317	1336	rBV	91831	204831	15.69%	1.934%
15	10.954	1374	1381	1397	rVV	168448	344289	26.37%	3.250%
16	12.170	1583	1588	1591	rBV2	897	1687	0.13%	0.016%
17	12.540	1646	1651	1657	rVB4	1753	3913	0.30%	0.037%
18	13.639	1834	1838	1844	rBV2	2915	5132	0.39%	0.048%
19	13.709	1846	1850	1855	rVB3	1062	2158	0.17%	0.020%
20	14.156	1918	1926	1939	rBV	308041	516764	39.57%	4.878%
21	14.461	1970	1978	1988	rBV	377333	646569	49.51%	6.104%
22	14.767	2021	2030	2037	rBV2	324508	600789	46.01%	5.672%
23	14.831	2037	2041	2046	rVB4	7783	11540	0.88%	0.109%
24	15.002	2064	2070	2071	rBV2	3680	4452	0.34%	0.042%
25	15.137	2089	2093	2096	rVB2	1059	1491	0.11%	0.014%
26	15.419	2137	2141	2147	rVB3	6119	9574	0.73%	0.090%
27	15.754	2190	2198	2210	rBV	514655	874587	66.98%	8.256%
28	15.871	2212	2218	2226	rBV	132783	227191	17.40%	2.145%
29	15.989	2235	2238	2244	rVV4	4539	6913	0.53%	0.065%
30	17.088	2419	2425	2429	rVB3	1441	2395	0.18%	0.023%
31	17.511	2490	2497	2506	rBV	442907	756156	57.91%	7.138%
32	17.611	2506	2514	2526	rVV	589536	1050462	80.45%	9.917%
33	17.763	2537	2540	2544	rVV5	1347	1827	0.14%	0.017%
34	18.157	2600	2607	2613	rVB2	113186	164414	12.59%	1.552%

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35	18.316	2630	2634	2639	rBV3	1121	1727	0.13%	0.016%
36	18.445	2653	2656	2660	rBV2	1089	1634	0.13%	0.015%
37	18.639	2682	2689	2691	rBV3	2224	2767	0.21%	0.026%
38	19.461	2824	2829	2830	rBV2	1024	1608	0.12%	0.015%
39	19.526	2834	2840	2846	rBV2	7201	13204	1.01%	0.125%
40	19.602	2852	2853	2858	rVB3	1214	1439	0.11%	0.014%
41	19.726	2871	2874	2875	rBV2	1501	1605	0.12%	0.015%
42	19.773	2878	2882	2887	rBV	7455	11417	0.87%	0.108%
43	19.884	2892	2901	2918	rBV	804872	1305806	100.00%	12.327%
44	20.078	2932	2934	2937	rVV4	1413	1670	0.13%	0.016%
45	20.108	2937	2939	2942	rVB4	1926	1797	0.14%	0.017%
46	20.166	2947	2949	2952	rBV3	1670	1882	0.14%	0.018%
47	20.372	2982	2984	2987	rVB4	2290	2417	0.19%	0.023%
48	20.484	3002	3003	3005	rBV2	2001	1612	0.12%	0.015%
49	20.572	3016	3018	3020	rVB3	2025	1428	0.11%	0.013%
50	20.707	3038	3041	3042	rBV3	3062	3453	0.26%	0.033%
51	20.819	3055	3060	3063	rBV6	5034	7143	0.55%	0.067%
52	20.889	3069	3072	3077	rBV7	2923	5616	0.43%	0.053%
53	21.007	3090	3092	3094	rBV3	1728	1433	0.11%	0.014%
54	21.118	3109	3111	3113	rBV2	1621	1475	0.11%	0.014%
55	21.218	3126	3128	3131	rVV4	2469	2141	0.16%	0.020%
56	21.300	3140	3142	3145	rBV4	2149	1801	0.14%	0.017%
57	21.494	3173	3175	3177	rVB3	2583	1459	0.11%	0.014%
58	21.788	3217	3225	3236	rBV	419949	845266	64.73%	7.980%
59	22.270	3305	3307	3309	rBV3	2910	2230	0.17%	0.021%
60	22.381	3324	3326	3328	rBV3	2880	1888	0.14%	0.018%
61	22.828	3401	3402	3404	rBV2	2778	1730	0.13%	0.016%
62	22.981	3424	3428	3431	rVB6	2565	3902	0.30%	0.037%
63	23.010	3431	3433	3436	rBV4	2310	2510	0.19%	0.024%
64	23.075	3442	3444	3445	rBV2	2546	1670	0.13%	0.016%
65	23.269	3472	3477	3488	rVB2	8216	22845	1.75%	0.216%
66	23.468	3507	3511	3512	rBV4	2667	3327	0.25%	0.031%
67	23.574	3527	3529	3532	rBV3	2792	2566	0.20%	0.024%
68	23.909	3584	3586	3587	rBV2	2204	1500	0.11%	0.014%
69	23.950	3592	3593	3597	rVB4	3636	2618	0.20%	0.025%
70	24.103	3613	3619	3628	rVB10	5585	15141	1.16%	0.143%
71	24.173	3629	3631	3634	rVB4	2645	2133	0.16%	0.020%

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72	24.303	3648	3653	3657	rBV7	2698	6013	0.46%	0.057%
73	24.379	3665	3666	3668	rVB2	3821	2144	0.16%	0.020%
74	24.450	3676	3678	3681	rBV4	2542	3131	0.24%	0.030%
75	24.544	3692	3694	3698	rBV5	2006	2597	0.20%	0.025%
76	24.714	3721	3723	3724	rBV2	2150	1499	0.11%	0.014%
77	24.761	3729	3731	3734	rVB4	2907	2231	0.17%	0.021%
78	24.873	3738	3750	3766	rBV2	342969	1102231	84.41%	10.405%
79	25.102	3777	3789	3803	rVB2	263549	832437	63.75%	7.858%
80	25.284	3818	3820	3821	rBV2	2157	1811	0.14%	0.017%
81	25.466	3850	3851	3852	rBV	2956	1451	0.11%	0.014%
82	25.713	3890	3893	3895	rBV4	2359	2706	0.21%	0.026%
83	25.854	3915	3917	3921	rBV5	2497	3531	0.27%	0.033%
84	26.218	3974	3979	3980	rBV5	6968	9775	0.75%	0.092%
85	27.587	4210	4212	4213	rBV2	2818	2164	0.17%	0.020%
86	27.616	4213	4217	4218	rVV4	3858	5412	0.41%	0.051%
87	27.869	4258	4260	4263	rBV4	2057	2375	0.18%	0.022%
88	28.709	4401	4403	4405	rBV3	2595	2357	0.18%	0.022%
89	29.732	4573	4577	4579	rVB4	2932	3041	0.23%	0.029%
90	29.749	4579	4580	4582	rBV2	2851	2251	0.17%	0.021%
91	29.826	4590	4593	4594	rBV3	2088	2105	0.16%	0.020%
92	29.843	4594	4596	4597	rBV2	2310	1863	0.14%	0.018%
93	30.172	4651	4652	4653	rBV	3014	2039	0.16%	0.019%
94	30.443	4697	4698	4700	rBV2	2395	2126	0.16%	0.020%
95	30.713	4742	4744	4746	rBV2	2805	1891	0.14%	0.018%
96	30.901	4774	4776	4777	rBV2	2876	1843	0.14%	0.017%
97	30.942	4780	4783	4785	rBV4	2904	2723	0.21%	0.026%
98	31.271	4838	4839	4842	rBV3	2363	2599	0.20%	0.025%
99	31.794	4926	4928	4929	rBV2	2401	1479	0.11%	0.014%
100	32.229	5000	5002	5003	rBV2	2153	2067	0.16%	0.020%

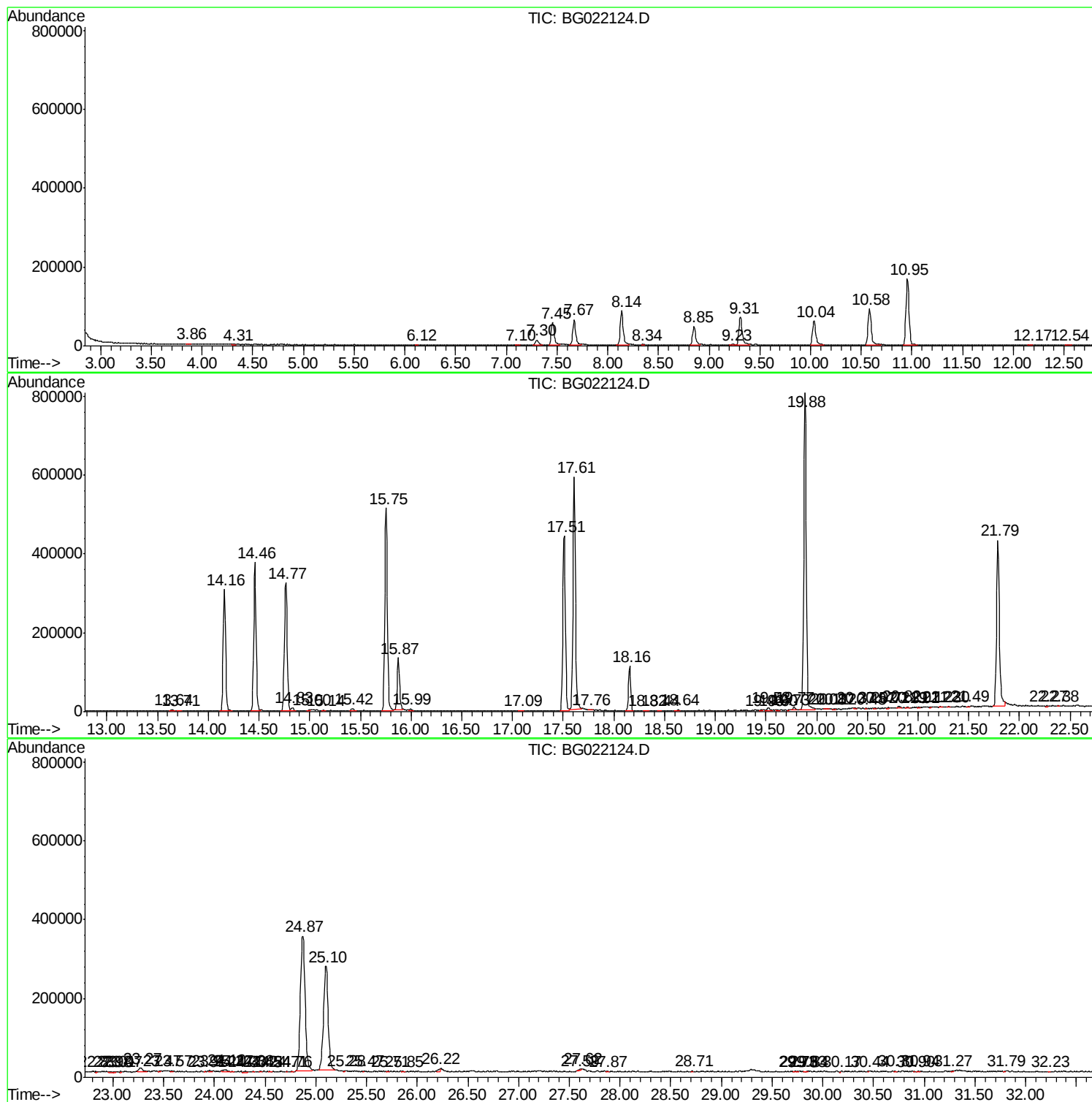
Sum of corrected areas: 10592866

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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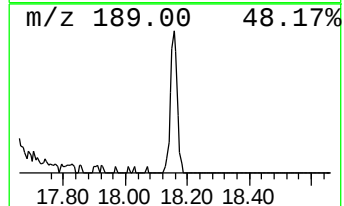
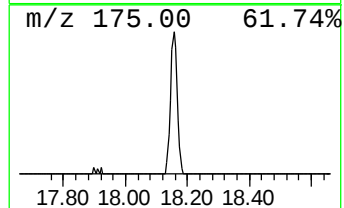
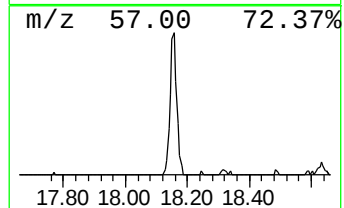
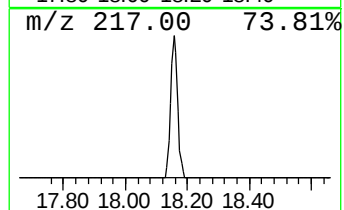
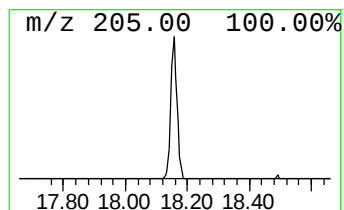
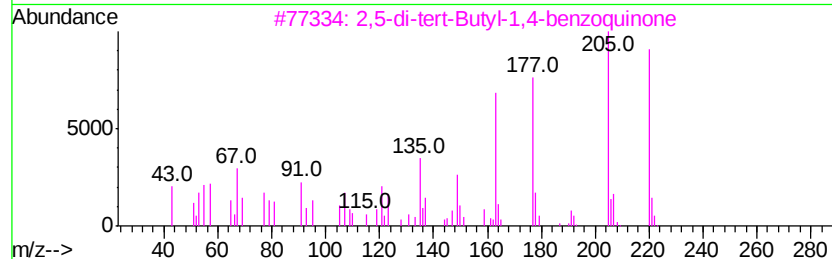
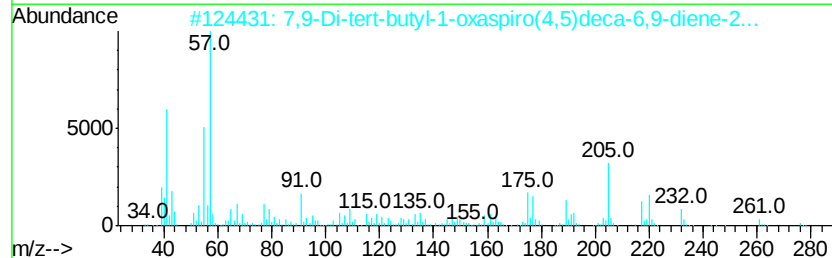
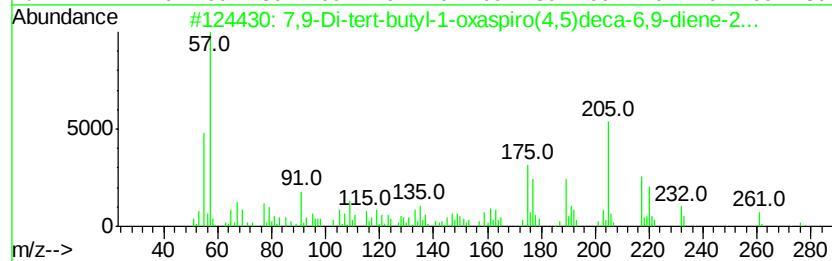
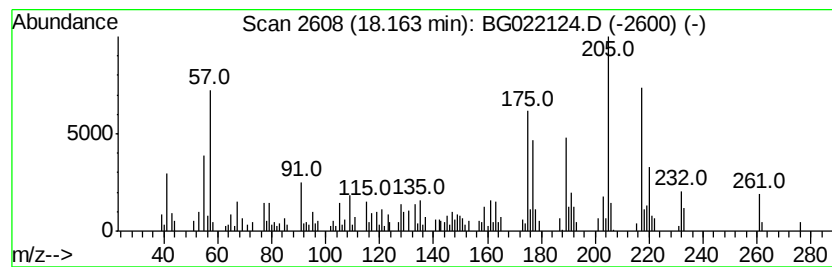
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.35 ng/ul	164414	Phenanthrene-d10	17.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3			2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	46
4			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	43
5			2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.16	4.3	ng/ul	164414	4	17.51	756156	20.0