

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022094.D
 Acq On : 26 May 2016 23:50
 Operator : UM/SJ
 Sample : H3201-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZH3

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	3.514	113	115	117	rBV3	2137	1848	0.36%	0.037%
2	3.590	126	128	130	rBV3	1439	1528	0.30%	0.031%
3	3.749	153	155	160	rVB5	1630	1890	0.37%	0.038%
4	4.054	202	207	212	rVB4	3472	5560	1.09%	0.112%
5	4.295	246	248	251	rVB3	1063	994	0.20%	0.020%
6	4.753	324	326	329	rVB3	1071	1138	0.22%	0.023%
7	4.924	353	355	358	rVB3	1848	1811	0.36%	0.037%
8	4.959	358	361	363	rBV4	1283	1532	0.30%	0.031%
9	5.200	399	402	403	rBV3	1299	1108	0.22%	0.022%
10	5.306	417	420	421	rBV2	1271	1078	0.21%	0.022%
11	5.635	473	476	479	rVV3	1448	1866	0.37%	0.038%
12	5.846	508	512	516	rBV4	864	1464	0.29%	0.030%
13	6.128	557	560	566	rVV6	1590	2274	0.45%	0.046%
14	6.228	574	577	580	rBV3	908	1012	0.20%	0.020%
15	6.575	625	636	647	rBV	13129	28634	5.62%	0.579%
16	6.645	647	648	652	rVV2	996	1287	0.25%	0.026%
17	6.769	666	669	671	rBV	1073	1162	0.23%	0.023%
18	6.845	678	682	686	rVV4	1003	1949	0.38%	0.039%
19	7.027	710	713	714	rBV3	1021	1091	0.21%	0.022%
20	7.133	724	731	735	rBV6	1514	3513	0.69%	0.071%
21	7.315	755	762	773	rBV	44958	96661	18.97%	1.953%
22	7.468	782	788	798	rBV	36884	71638	14.06%	1.448%
23	7.685	817	825	835	rBV	51519	103949	20.41%	2.100%
24	7.756	835	837	841	rVV4	1516	2235	0.44%	0.045%
25	7.814	844	847	850	rVB4	742	1058	0.21%	0.021%
26	7.973	870	874	879	rBV4	711	1164	0.23%	0.024%
27	8.108	895	897	898	rBV2	1751	993	0.19%	0.020%
28	8.155	898	905	913	rVV	93441	182653	35.85%	3.691%
29	8.361	937	940	942	rBV3	1316	1672	0.33%	0.034%
30	8.396	942	946	948	rBV2	2201	3006	0.59%	0.061%
31	8.619	982	984	989	rVB4	724	1148	0.23%	0.023%
32	8.678	989	994	995	rBV2	1803	2019	0.40%	0.041%
33	8.813	1013	1017	1019	rVV4	1387	1862	0.37%	0.038%
34	8.866	1019	1026	1035	rVV	54008	114243	22.43%	2.308%

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35	8.984	1043	1046	1054	rVB6	2298	6094	1.20%	0.123%
36	9.324	1096	1104	1117	rBV	44931	97478	19.13%	1.970%
37	9.418	1117	1120	1122	rBV3	2075	1737	0.34%	0.035%
38	9.565	1143	1145	1149	rVB2	1109	1407	0.28%	0.028%
39	9.706	1163	1169	1171	rBV3	1514	2254	0.44%	0.046%
40	10.047	1218	1227	1236	rBV2	38187	84884	16.66%	1.715%
41	10.112	1236	1238	1240	rVB2	1328	1161	0.23%	0.023%
42	10.599	1314	1321	1331	rBV	69415	144458	28.36%	2.919%
43	10.746	1343	1346	1349	rVB2	1167	1276	0.25%	0.026%
44	10.893	1369	1371	1374	rVB	1040	1268	0.25%	0.026%
45	10.975	1377	1385	1394	rVV	169996	352971	69.29%	7.132%
46	11.058	1398	1399	1402	rVV2	2816	2398	0.47%	0.048%
47	11.111	1402	1408	1418	rVV	19614	44578	8.75%	0.901%
48	11.246	1427	1431	1434	rVB3	1145	1475	0.29%	0.030%
49	11.428	1458	1462	1466	rVB2	956	1678	0.33%	0.034%
50	11.880	1537	1539	1541	rBV	1093	1016	0.20%	0.021%
51	11.904	1541	1543	1546	rBV	1304	999	0.20%	0.020%
52	11.986	1554	1557	1559	rBV3	1385	1674	0.33%	0.034%
53	12.162	1585	1587	1591	rVB2	1335	1318	0.26%	0.027%
54	12.303	1608	1611	1612	rBV2	1233	1041	0.20%	0.021%
55	12.350	1615	1619	1620	rVV2	1255	1566	0.31%	0.032%
56	12.362	1620	1621	1626	rVV2	1027	1130	0.22%	0.023%
57	12.433	1630	1633	1634	rVV2	1431	1267	0.25%	0.026%
58	12.485	1637	1642	1643	rBV	1118	1327	0.26%	0.027%
59	12.544	1649	1652	1659	rVB3	2042	3580	0.70%	0.072%
60	12.703	1678	1679	1683	rVB2	788	980	0.19%	0.020%
61	12.814	1697	1698	1701	rVB3	1356	1035	0.20%	0.021%
62	12.885	1707	1710	1712	rVB3	958	1018	0.20%	0.021%
63	12.920	1712	1716	1718	rBV4	904	1278	0.25%	0.026%
64	13.138	1749	1753	1755	rBV3	1730	2222	0.44%	0.045%
65	13.285	1776	1778	1780	rVV3	1116	1071	0.21%	0.022%
66	13.302	1780	1781	1784	rVB3	1511	1442	0.28%	0.029%
67	13.379	1790	1794	1796	rBV3	1177	1358	0.27%	0.027%
68	13.437	1802	1804	1806	rBV2	1236	1016	0.20%	0.021%
69	13.549	1821	1823	1825	rBV3	1064	970	0.19%	0.020%
70	13.584	1825	1829	1832	rVB5	2437	3478	0.68%	0.070%
71	13.655	1834	1841	1846	rBV4	6962	10633	2.09%	0.215%

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72	13.819	1866	1869	1872	rVB3	1283	1315	0.26%	0.027%
73	13.913	1882	1885	1887	rBV4	944	1094	0.21%	0.022%
74	14.095	1914	1916	1919	rVB4	2426	2255	0.44%	0.046%
75	14.131	1919	1922	1923	rBV3	1336	1477	0.29%	0.030%
76	14.172	1923	1929	1934	rBV	141347	244489	47.99%	4.940%
77	14.219	1934	1937	1944	rVB	58985	89509	17.57%	1.809%
78	14.477	1973	1981	1989	rBV	185244	335098	65.78%	6.771%
79	14.536	1989	1991	1995	rVB3	2458	2307	0.45%	0.047%
80	14.648	2005	2010	2015	rBV4	8997	13016	2.56%	0.263%
81	14.724	2020	2023	2024	rVV3	2976	2678	0.53%	0.054%
82	14.783	2025	2033	2042	rVV2	281802	509423	100.00%	10.294%
83	14.847	2042	2044	2048	rVB4	1943	2076	0.41%	0.042%
84	14.918	2054	2056	2059	rVB4	1721	2054	0.40%	0.042%
85	14.959	2059	2063	2064	rBV3	1458	1933	0.38%	0.039%
86	14.994	2064	2069	2074	rBV2	20298	44775	8.79%	0.905%
87	15.065	2079	2081	2082	rVV2	1817	1049	0.21%	0.021%
88	15.259	2112	2114	2120	rBV7	3005	4233	0.83%	0.086%
89	15.306	2120	2122	2123	rVV2	1711	1049	0.21%	0.021%
90	15.400	2136	2138	2140	rBV3	2129	2437	0.48%	0.049%
91	15.500	2150	2155	2160	rBV5	7523	14869	2.92%	0.300%
92	15.594	2168	2171	2176	rVB2	13772	19323	3.79%	0.390%
93	15.770	2194	2201	2210	rBV	235280	397485	78.03%	8.032%
94	15.887	2216	2221	2228	rVB2	45414	78599	15.43%	1.588%
95	16.451	2314	2317	2319	rBV3	14177	15874	3.12%	0.321%
96	17.109	2426	2429	2437	rVB	23130	38683	7.59%	0.782%
97	17.527	2493	2500	2507	rBV2	276315	491855	96.55%	9.939%
98	17.621	2511	2516	2525	rVB	202658	338039	66.36%	6.831%
99	19.894	2900	2903	2911	rVB	238039	373558	73.33%	7.548%
100	21.804	3224	3228	3235	rVB	274867	484701	95.15%	9.794%

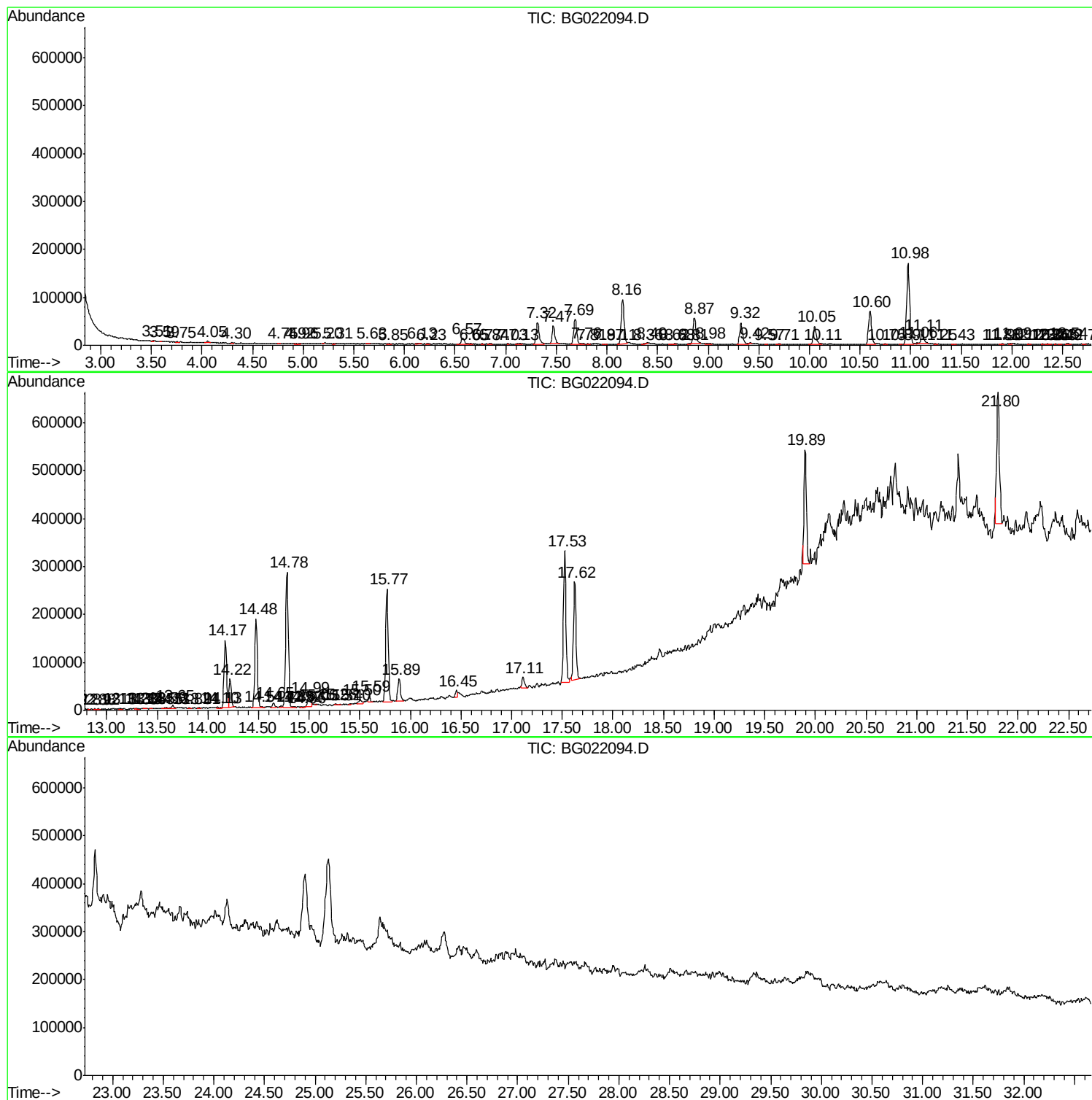
Sum of corrected areas: 4948829

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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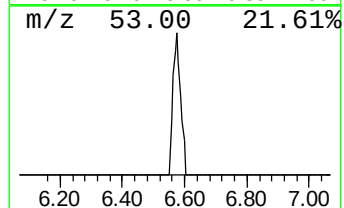
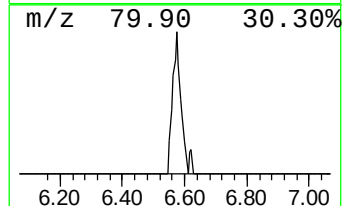
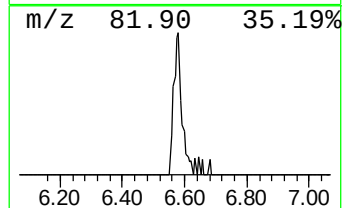
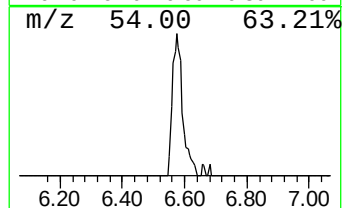
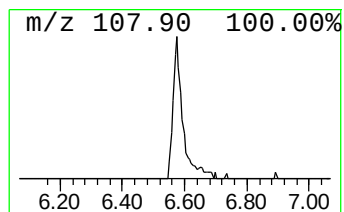
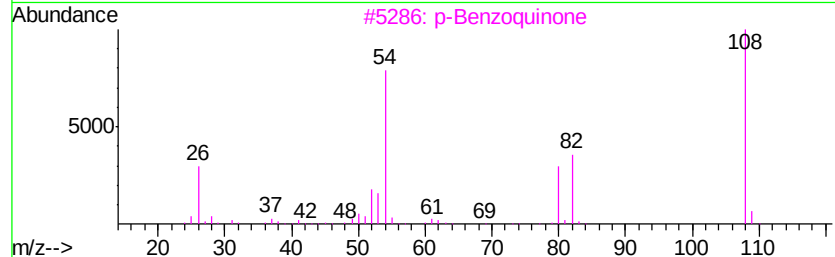
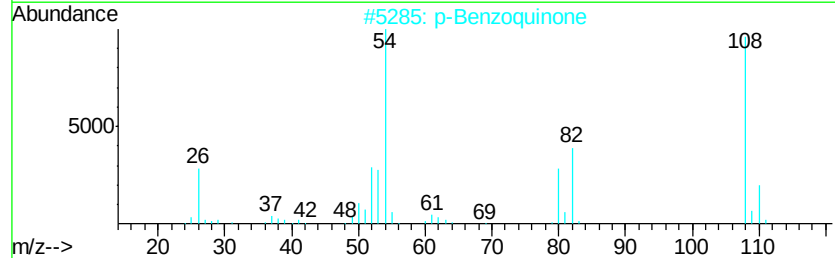
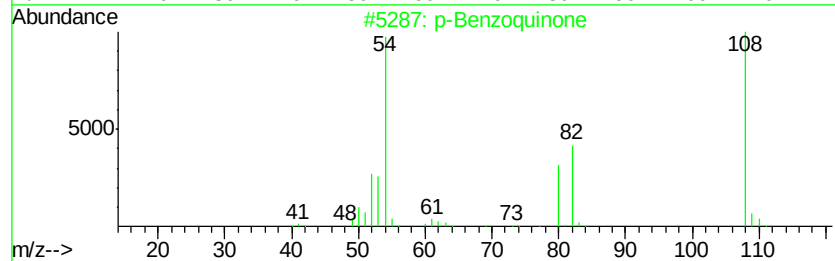
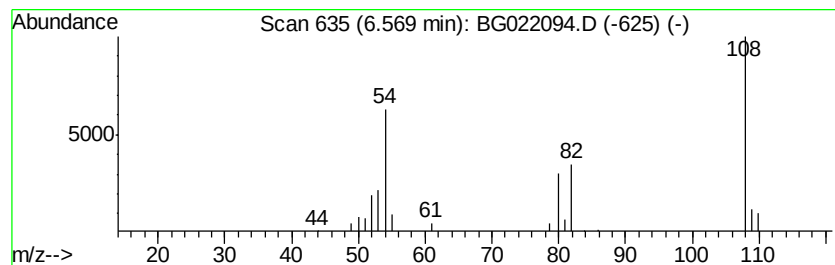
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 p-Benzoquinone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	3.14 ng/ul	28634	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Benzoquinone	108	C6H4O2	000106-51-4	90
2			p-Benzoquinone	108	C6H4O2	000106-51-4	90
3			p-Benzoquinone	108	C6H4O2	000106-51-4	74
4			p-Benzoquinone	108	C6H4O2	000106-51-4	72
5			3-Amino-4-pyrazolecarbonitrile	108	C4H4N4	016617-46-2	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
p-Benzoquinone	6.57	3.1	ng/ul	28634	1	8.16	182653	20.0