

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000460.D
 Acq On : 19 Mar 2018 19:13
 Operator : JU/SJ
 Sample : J1922-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEF6

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_N\METHODS\SOM-EPA-BN031918.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	3.596	22	27	36	rVB	66683	97555	1.88%	0.168%
2	4.420	163	167	172	rVB2	7170	10296	0.20%	0.018%
3	4.814	230	234	240	rVB3	9251	15468	0.30%	0.027%
4	5.414	331	336	340	rBV2	11426	14756	0.28%	0.025%
5	6.261	477	480	489	rVB3	4367	6901	0.13%	0.012%
6	6.355	491	496	500	rBV2	5334	7611	0.15%	0.013%
7	6.425	500	508	518	rBV	84669	140144	2.70%	0.241%
8	6.572	527	533	539	rVB3	7399	15113	0.29%	0.026%
9	7.361	664	667	674	rVB6	5242	10986	0.21%	0.019%
10	7.472	683	686	693	rVB5	2922	5918	0.11%	0.010%
11	7.549	693	699	710	rBV	288395	499780	9.64%	0.861%
12	7.725	722	729	739	rBV	1094601	1707715	32.94%	2.942%
13	7.825	741	746	753	rVB3	5327	10362	0.20%	0.018%
14	7.943	755	766	774	rVV	1037768	1713755	33.05%	2.952%
15	8.008	774	777	782	rVB3	6831	9829	0.19%	0.017%
16	8.419	838	847	854	rBV	978822	1618495	31.21%	2.788%
17	9.125	959	967	976	rBV	827867	1425692	27.50%	2.456%
18	9.190	976	978	982	rVV2	5566	8257	0.16%	0.014%
19	9.255	985	989	993	rVB3	4178	5689	0.11%	0.010%
20	9.525	1025	1035	1040	rBV	30145	49904	0.96%	0.086%
21	9.602	1040	1048	1058	rVV	1229598	2046574	39.47%	3.526%
22	9.672	1058	1060	1067	rVV4	6126	11803	0.23%	0.020%
23	9.743	1067	1072	1078	rVB3	7741	12777	0.25%	0.022%
24	9.960	1104	1109	1114	rVB	20418	28904	0.56%	0.050%
25	10.331	1164	1172	1184	rBV	993806	1676616	32.34%	2.889%
26	10.872	1256	1264	1275	rBV	1403445	2400762	46.30%	4.136%
27	11.155	1307	1312	1315	rBV5	4953	8833	0.17%	0.015%
28	11.260	1322	1330	1341	rVB	1420200	2381664	45.93%	4.103%
29	11.384	1348	1351	1358	rVB5	8181	12969	0.25%	0.022%
30	11.896	1435	1438	1444	rBV3	2479	5202	0.10%	0.009%
31	11.996	1449	1455	1459	rBV5	3460	7380	0.14%	0.013%
32	12.502	1536	1541	1548	rBV	55325	87069	1.68%	0.150%
33	12.637	1557	1564	1568	rBV2	7749	13305	0.26%	0.023%
34	12.690	1570	1573	1578	rVB2	4781	6742	0.13%	0.012%

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35	12.819	1590	1595	1600	rBV	30048	45251	0.87%	0.078%
36	13.401	1690	1694	1699	rBV4	2779	5525	0.11%	0.010%
37	13.631	1728	1733	1737	rBV2	5615	7764	0.15%	0.013%
38	13.907	1774	1780	1783	rBV3	4285	7289	0.14%	0.013%
39	13.954	1783	1788	1794	rVV	37428	57169	1.10%	0.098%
40	14.013	1794	1798	1804	rVB3	3969	6486	0.13%	0.011%
41	14.425	1858	1868	1874	rBV	2460603	3517652	67.84%	6.060%
42	14.484	1874	1878	1882	rVB3	7059	11047	0.21%	0.019%
43	14.660	1901	1908	1915	rBV4	9255	22615	0.44%	0.039%
44	14.737	1915	1921	1931	rVB	3033814	4577599	88.28%	7.886%
45	14.890	1943	1947	1952	rVB	5654	8097	0.16%	0.014%
46	15.043	1961	1973	1979	rBV2	1930340	3042726	58.68%	5.242%
47	15.095	1979	1982	1988	rVB	24639	30244	0.58%	0.052%
48	15.207	1995	2001	2014	rBV	227103	353922	6.83%	0.610%
49	15.395	2029	2033	2036	rBV3	3269	5407	0.10%	0.009%
50	15.684	2077	2082	2089	rVB	31873	47020	0.91%	0.081%
51	15.790	2094	2100	2102	rVV	12919	20388	0.39%	0.035%
52	15.819	2102	2105	2111	rVB	30324	41713	0.80%	0.072%
53	16.019	2132	2139	2148	rVB	3501252	5166372	99.64%	8.901%
54	16.137	2152	2159	2171	rBV	1010200	1412776	27.25%	2.434%
55	16.254	2175	2179	2185	rVB	41166	57414	1.11%	0.099%
56	16.372	2193	2199	2204	rVB3	7045	12759	0.25%	0.022%
57	16.690	2248	2253	2263	rBV6	7832	18605	0.36%	0.032%
58	16.790	2267	2270	2276	rBV4	3405	5602	0.11%	0.010%
59	16.878	2281	2285	2288	rVB3	4744	6632	0.13%	0.011%
60	16.948	2291	2297	2298	rBV4	4961	7336	0.14%	0.013%
61	17.337	2356	2363	2365	rBV3	5852	9375	0.18%	0.016%
62	17.554	2391	2400	2404	rVB2	8586	15911	0.31%	0.027%
63	17.766	2429	2436	2442	rVV2	2220630	3119040	60.15%	5.374%
64	17.866	2445	2453	2462	rBV2	3487692	5185096	100.00%	8.933%
65	18.007	2473	2477	2480	rBV	4820	7740	0.15%	0.013%
66	18.125	2493	2497	2502	rVB4	3910	5695	0.11%	0.010%
67	18.395	2537	2543	2549	rVB	323335	400824	7.73%	0.691%
68	18.560	2567	2571	2574	rBV4	3762	6764	0.13%	0.012%
69	18.595	2574	2577	2584	rVV4	16799	26460	0.51%	0.046%
70	18.678	2587	2591	2595	rVB	13519	18562	0.36%	0.032%
71	18.866	2620	2623	2625	rBV2	5154	5557	0.11%	0.010%

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72	19.754	2769	2774	2779	rBV	39652	54901	1.06%	0.095%
73	19.848	2787	2790	2797	rBV3	20620	30728	0.59%	0.053%
74	20.007	2813	2817	2823	rVB	34046	46231	0.89%	0.080%
75	20.119	2830	2836	2844	rBV	3920558	5180319	99.91%	8.925%
76	20.325	2869	2871	2874	rBV3	7282	5954	0.11%	0.010%
77	21.883	3131	3136	3142	rBV	1977782	2706708	52.20%	4.663%
78	23.530	3413	3416	3422	rVB2	84754	129233	2.49%	0.223%
79	24.213	3520	3532	3542	rVB2	1911275	4140676	79.86%	7.134%
80	24.371	3551	3559	3567	rVB	1159363	2378366	45.87%	4.097%

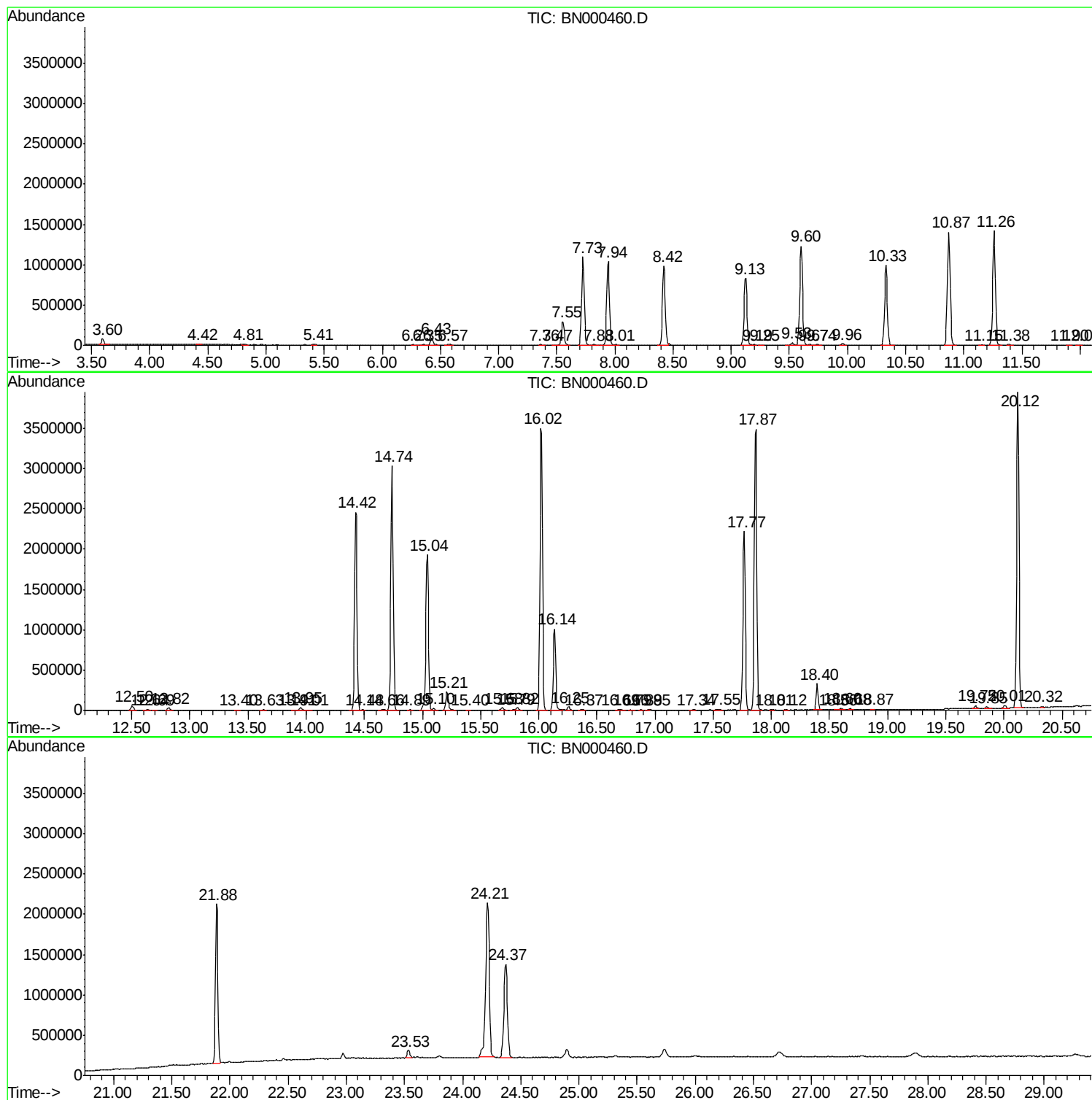
Sum of corrected areas: 58044376

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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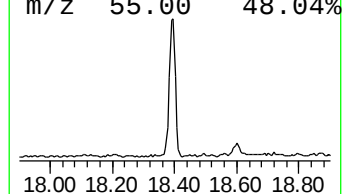
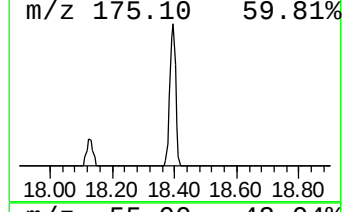
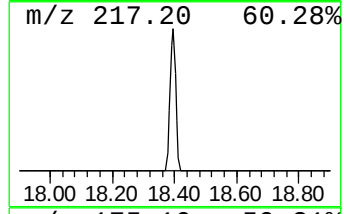
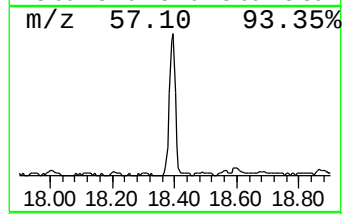
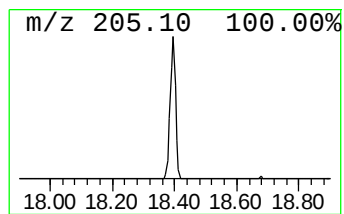
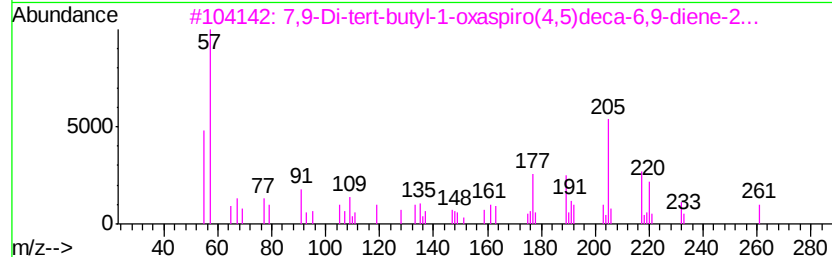
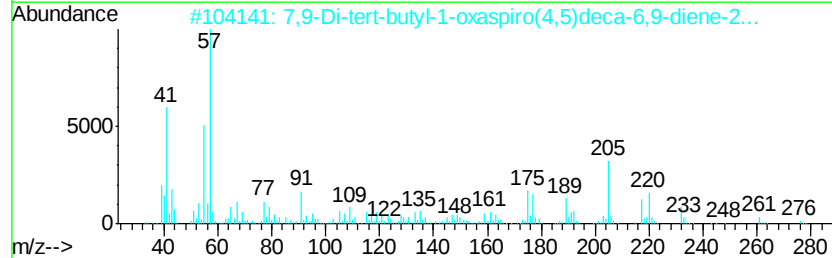
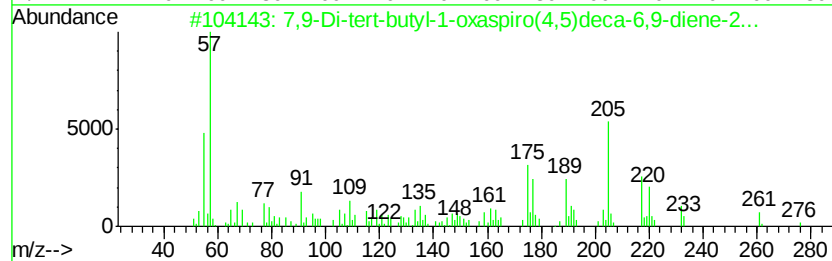
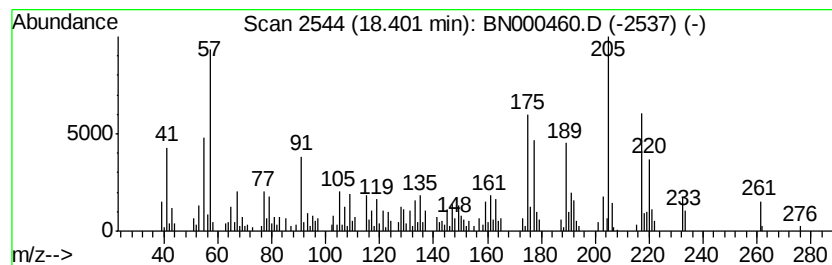
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
18.40	2.57 ng/ul	400824	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
4			2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
5			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45



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TIC Library : C:\DATABASE\NIST02.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.40	2.6	ng/ul	400824	4	17.77	3119040	20.0