

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028117.D
 Acq On : 2 Aug 2017 20:39
 Operator : SJ/JU
 Sample : I4529-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.847	41	44	50	rVB	8952	11774	0.84%	0.092%
2	4.922	224	227	235	rBV5	2505	2880	0.21%	0.022%
3	5.862	380	387	391	rBV4	2737	4724	0.34%	0.037%
4	6.414	472	481	496	rBV2	45526	87152	6.22%	0.679%
5	7.448	652	657	661	rBV3	2348	4727	0.34%	0.037%
6	7.507	661	667	676	rBV	38484	74993	5.35%	0.585%
7	7.678	690	696	708	rVB	95058	169581	12.10%	1.322%
8	7.895	726	733	741	rBV2	103755	187749	13.39%	1.464%
9	8.024	751	755	761	rVB3	1860	3132	0.22%	0.024%
10	8.365	805	813	829	rBV2	108635	248116	17.70%	1.934%
11	8.964	914	915	920	rVB	2574	3294	0.23%	0.026%
12	9.052	922	930	940	rBV2	101079	190475	13.59%	1.485%
13	9.188	948	953	960	rVB3	3903	6229	0.44%	0.049%
14	9.458	990	999	1005	rBV3	26686	50221	3.58%	0.392%
15	9.534	1005	1012	1029	rVB	137627	276525	19.72%	2.156%
16	10.257	1124	1135	1148	rBV	122372	225871	16.11%	1.761%
17	10.797	1215	1227	1248	rBV3	162497	321057	22.90%	2.503%
18	10.944	1248	1252	1261	rVB4	2552	6702	0.48%	0.052%
19	11.027	1261	1266	1269	rBV	1603	3514	0.25%	0.027%
20	11.085	1269	1276	1285	rVB5	10674	25981	1.85%	0.203%
21	11.185	1285	1293	1305	rBV	171461	335129	23.90%	2.613%
22	11.326	1314	1317	1324	rVB4	4042	5984	0.43%	0.047%
23	11.485	1338	1344	1348	rBV2	1336	2929	0.21%	0.023%
24	11.679	1372	1377	1383	rBV5	5709	11799	0.84%	0.092%
25	11.749	1383	1389	1397	rVB3	2714	5314	0.38%	0.041%
26	11.837	1399	1404	1411	rBV3	6267	11104	0.79%	0.087%
27	12.437	1497	1506	1521	rVB3	30406	65191	4.65%	0.508%
28	12.736	1555	1557	1565	rBV3	3503	6276	0.45%	0.049%
29	13.048	1604	1610	1612	rVB4	1690	2909	0.21%	0.023%
30	13.324	1651	1657	1661	rVB4	6357	9674	0.69%	0.075%
31	13.565	1691	1698	1707	rVB5	11600	20940	1.49%	0.163%
32	13.835	1739	1744	1747	rBV2	3150	3654	0.26%	0.028%
33	13.888	1747	1753	1763	rVB2	36746	66359	4.73%	0.517%
34	14.358	1824	1833	1848	rVB	441219	658800	46.99%	5.136%

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35	14.476	1848	1853	1860	rBV4	2539	5202	0.37%	0.041%
36	14.664	1878	1885	1896	rBV	412276	663577	47.33%	5.174%
37	14.828	1906	1913	1919	rBV3	2485	4837	0.35%	0.038%
38	14.969	1928	1937	1944	rBV2	310741	528789	37.72%	4.123%
39	15.034	1944	1948	1954	rVB2	6520	8854	0.63%	0.069%
40	15.163	1964	1970	1984	rBV3	25784	66682	4.76%	0.520%
41	15.539	2027	2034	2036	rBV2	2759	3116	0.22%	0.024%
42	15.627	2043	2049	2055	rBV	7686	13563	0.97%	0.106%
43	15.686	2055	2059	2062	rVV3	4610	5486	0.39%	0.043%
44	15.727	2063	2066	2070	rBV	7205	9590	0.68%	0.075%
45	15.956	2097	2105	2114	rBV	598995	934401	66.65%	7.285%
46	16.068	2116	2124	2142	rVB	232641	354232	25.27%	2.762%
47	16.197	2142	2146	2151	rBV3	6665	8787	0.63%	0.069%
48	16.315	2163	2166	2173	rVB4	3264	3758	0.27%	0.029%
49	16.538	2199	2204	2208	rBV2	1728	3832	0.27%	0.030%
50	17.037	2285	2289	2294	rVB2	1844	3199	0.23%	0.025%
51	17.290	2329	2332	2336	rVB3	2603	3650	0.26%	0.028%
52	17.513	2363	2370	2372	rBV2	2359	3177	0.23%	0.025%
53	17.719	2397	2405	2414	rBV	517332	774879	55.27%	6.041%
54	17.819	2414	2422	2432	rVV	737362	1156787	82.51%	9.019%
55	17.966	2443	2447	2452	rBV4	2447	4018	0.29%	0.031%
56	18.365	2508	2515	2522	rVV	146521	203702	14.53%	1.588%
57	18.530	2538	2543	2548	rVB4	2634	5681	0.41%	0.044%
58	18.582	2548	2552	2559	rBV4	2468	6255	0.45%	0.049%
59	18.647	2559	2563	2567	rVB4	3230	4590	0.33%	0.036%
60	18.835	2592	2595	2605	rVB4	4308	7963	0.57%	0.062%
61	19.728	2741	2747	2753	rBV2	7149	13304	0.95%	0.104%
62	19.840	2759	2766	2770	rBV7	2481	5621	0.40%	0.044%
63	19.987	2784	2791	2795	rBV3	7528	12876	0.92%	0.100%
64	20.016	2795	2796	2801	rBV3	2577	3075	0.22%	0.024%
65	20.092	2801	2809	2817	rBV	959405	1402027	100.00%	10.931%
66	20.310	2840	2846	2850	rVB6	4860	8620	0.61%	0.067%
67	20.410	2861	2863	2866	rVB3	2653	2868	0.20%	0.022%
68	20.533	2882	2884	2890	rBV6	1883	3339	0.24%	0.026%
69	20.968	2955	2958	2961	rBV5	1917	2904	0.21%	0.023%
70	21.432	3028	3037	3040	rBV6	7180	16950	1.21%	0.132%
71	21.491	3044	3047	3058	rVB8	8309	22169	1.58%	0.173%

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72	21.673	3076	3078	3082	rBV4	2103	3751	0.27%	0.029%
73	21.826	3101	3104	3110	rVB4	3285	7360	0.52%	0.057%
74	21.890	3110	3115	3120	rBV8	4100	9773	0.70%	0.076%
75	22.055	3134	3143	3153	rBV	498241	886480	63.23%	6.912%
76	22.202	3165	3168	3173	rBV7	3690	5001	0.36%	0.039%
77	22.548	3225	3227	3231	rBV4	2778	3999	0.29%	0.031%
78	22.619	3236	3239	3244	rVB7	2730	4753	0.34%	0.037%
79	22.872	3277	3282	3285	rVB6	4159	7685	0.55%	0.060%
80	23.547	3395	3397	3399	rVB2	3364	2904	0.21%	0.023%
81	23.612	3400	3408	3414	rVV5	12982	24034	1.71%	0.187%
82	23.712	3421	3425	3427	rBV5	2798	3527	0.25%	0.027%
83	23.929	3461	3462	3467	rBV4	2947	3334	0.24%	0.026%
84	24.340	3527	3532	3536	rBV7	3531	7464	0.53%	0.058%
85	24.493	3550	3558	3566	rBV3	16635	42947	3.06%	0.335%
86	24.775	3597	3606	3609	rBV8	5523	14283	1.02%	0.111%
87	25.322	3685	3699	3714	rBV2	416024	1222980	87.23%	9.535%
88	25.563	3724	3740	3758	rBV3	262203	896775	63.96%	6.992%
89	26.755	3935	3943	3953	rVB2	25406	73363	5.23%	0.572%
90	26.926	3971	3972	3975	rBV2	4177	3736	0.27%	0.029%
91	26.979	3977	3981	3983	rBV3	2999	4427	0.32%	0.035%
92	27.243	4024	4026	4030	rBV5	2763	3128	0.22%	0.024%
93	28.236	4184	4195	4207	rVB5	24823	88605	6.32%	0.691%
94	28.430	4227	4228	4234	rVB4	3004	4258	0.30%	0.033%
95	29.158	4348	4352	4353	rBV4	2785	3213	0.23%	0.025%
96	30.028	4488	4500	4514	rVB8	16014	70401	5.02%	0.549%
97	30.762	4623	4625	4630	rVB5	2720	4256	0.30%	0.033%
98	31.232	4700	4705	4707	rVB4	3880	5698	0.41%	0.044%
99	32.131	4855	4858	4859	rBV3	4037	3663	0.26%	0.029%
100	32.196	4860	4869	4871	rVV8	9374	21188	1.51%	0.165%

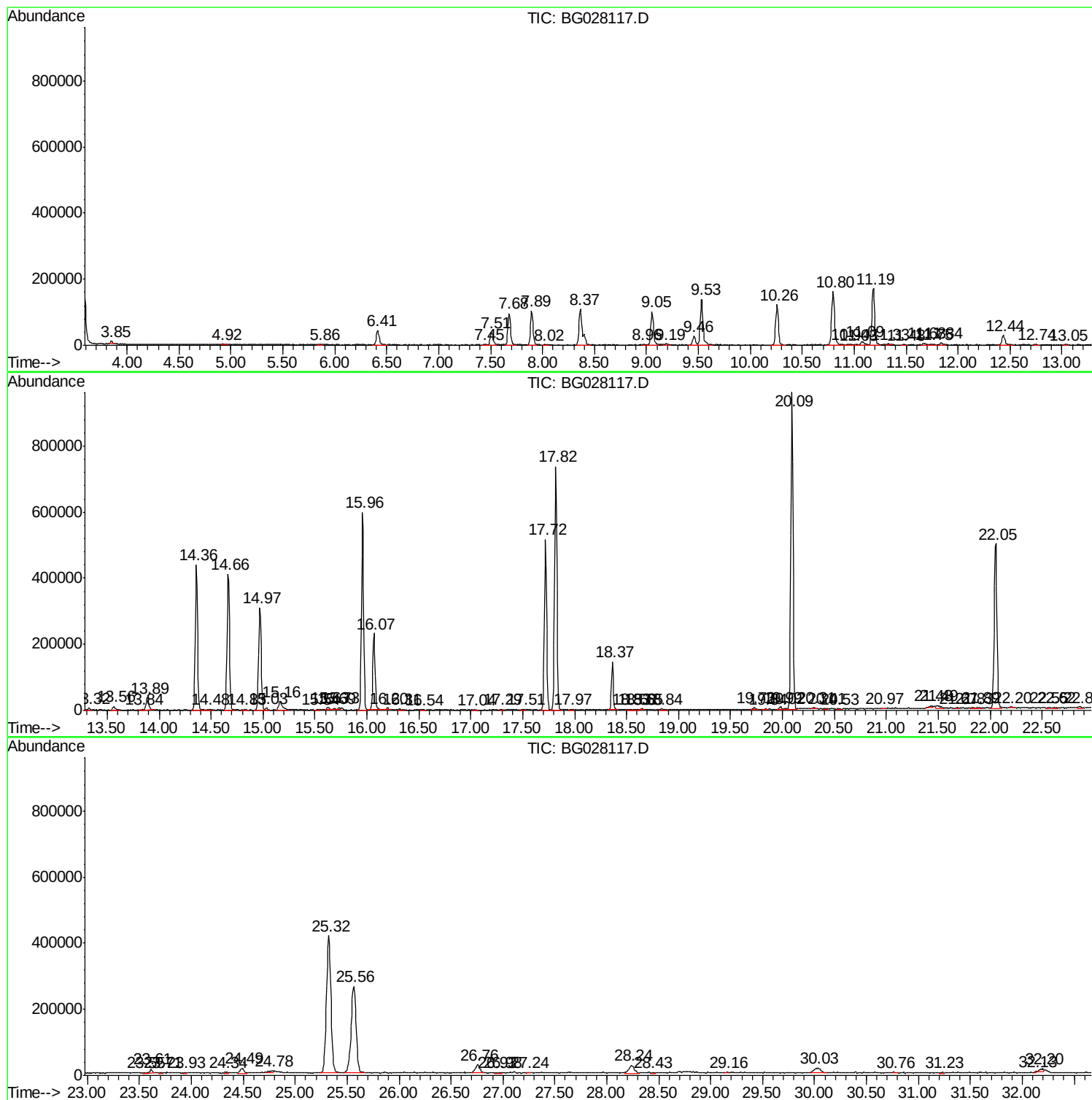
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Quant Title : SVOA CALIBRATION

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



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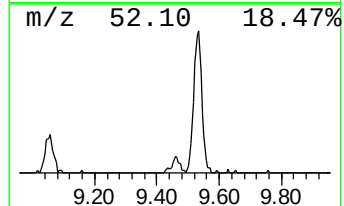
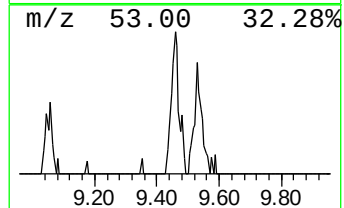
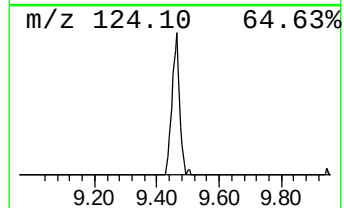
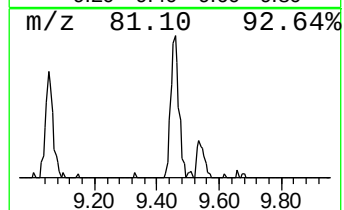
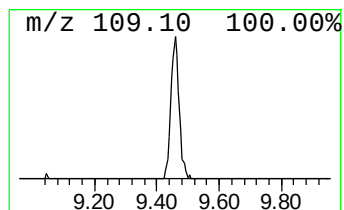
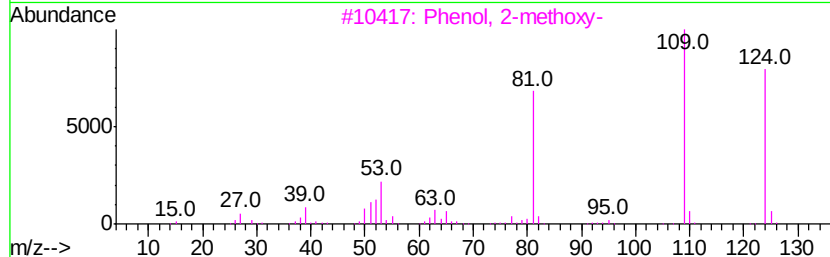
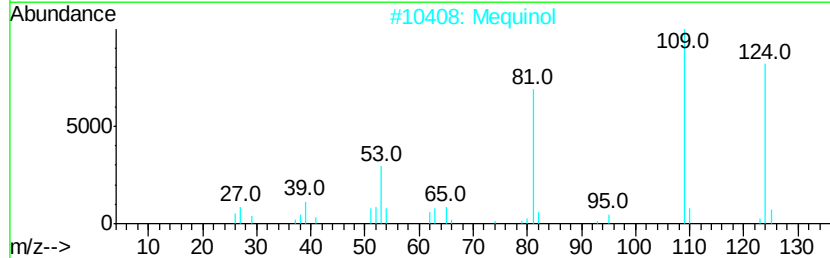
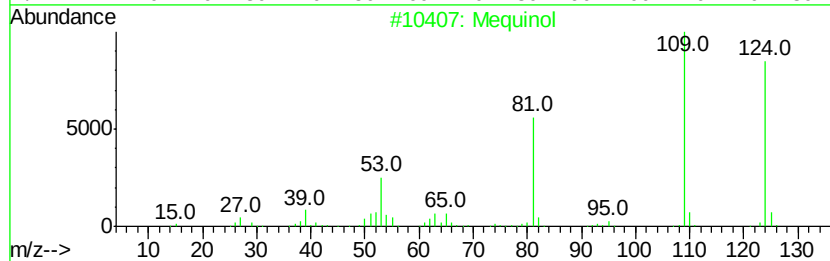
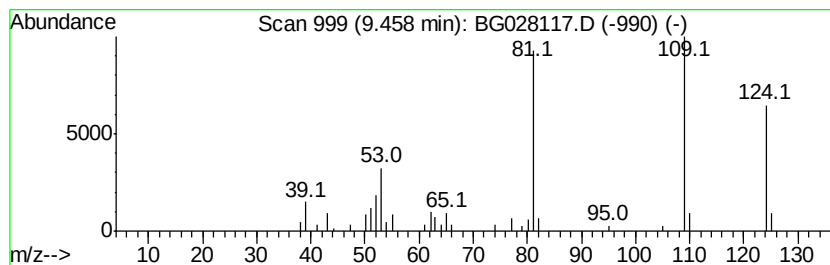
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Mequinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	4.05 ng/ul	50221	1,4-Dichlorobenzene-d4	8.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mequinol	124	C7H8O2	000150-76-5	91
2		Mequinol	124	C7H8O2	000150-76-5	91
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
4		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	76
5		Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	64



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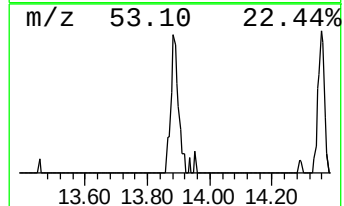
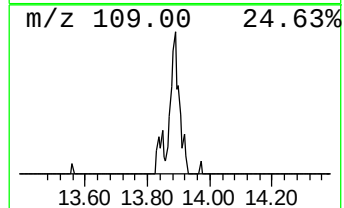
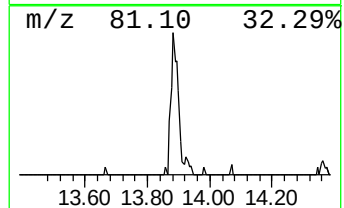
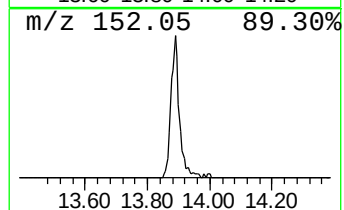
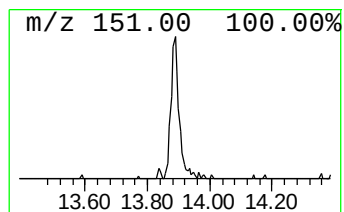
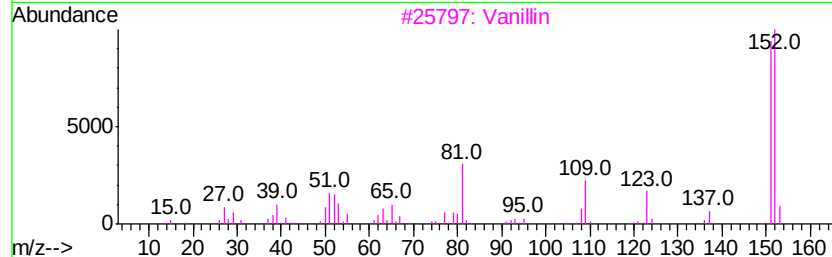
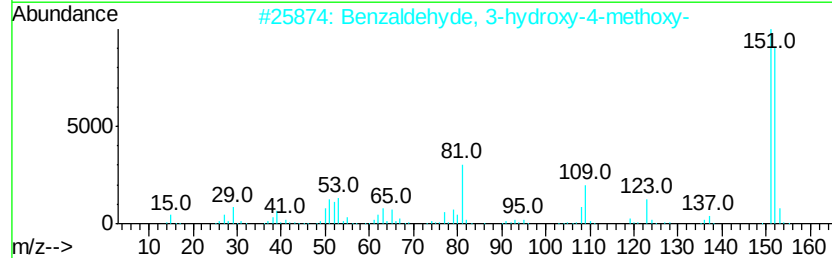
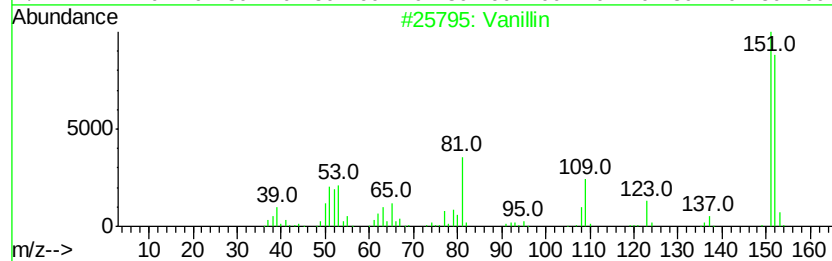
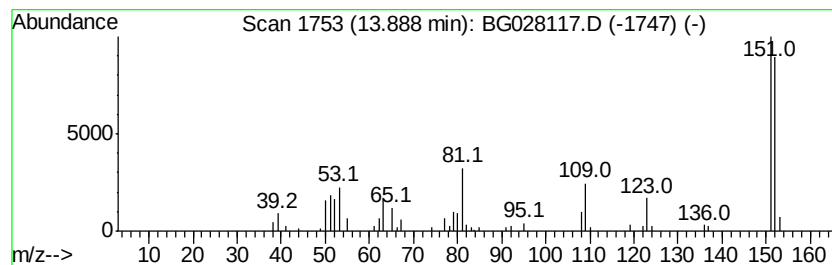
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.51 ng/ul	66359	Acenaphthene-d10	14.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Vanillin		152 C8H8O3	000121-33-5 93
2	Benzaldehyde, 3-hydroxy-4-methoxy-		152 C8H8O3	000621-59-0 93
3	Vanillin		152 C8H8O3	000121-33-5 93
4	Vanillin		152 C8H8O3	000121-33-5 93
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152 C8H8O3	000621-59-0 91



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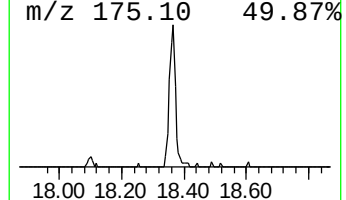
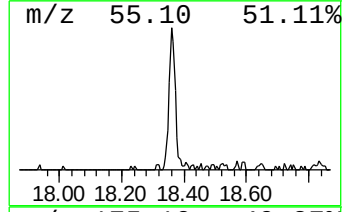
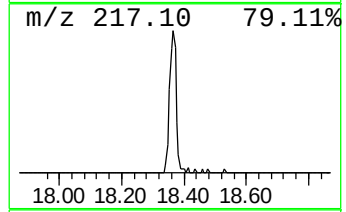
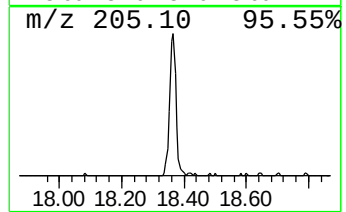
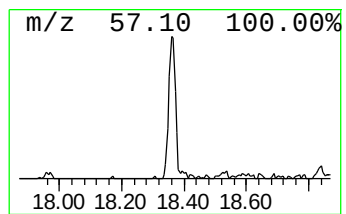
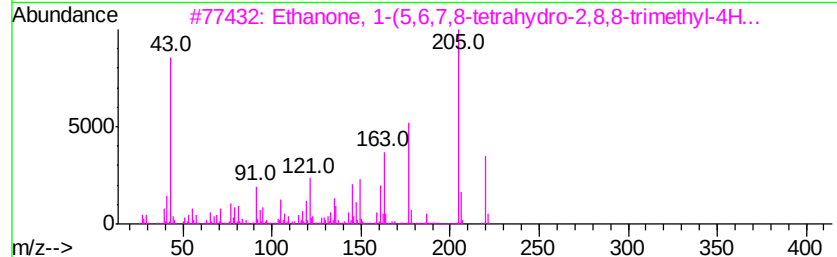
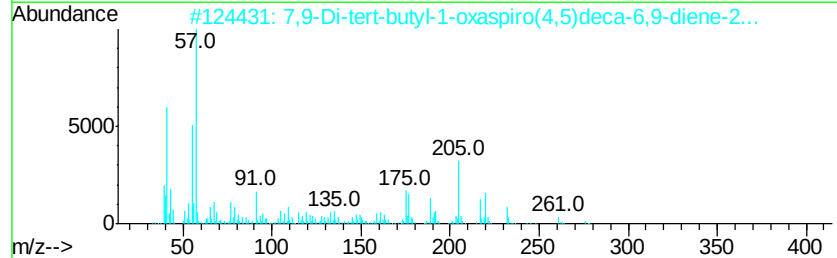
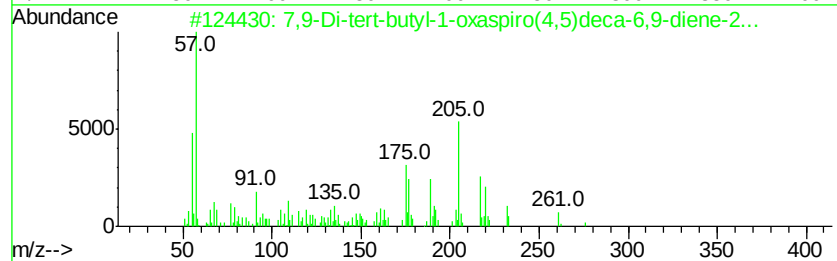
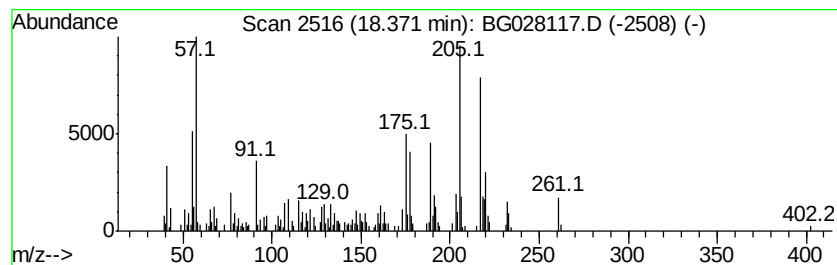
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TIC Integration Parameters: LSCINT.P

Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.26 ng/ul	203702	Phenanthrene-d10	17.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5)...	276	C17H24O3	082304-66-3	96
2			7,9-Di-tert-butyl-1-oxaspiro(4,5)...	276	C17H24O3	082304-66-3	91
3			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
4			3H-Cyclopenta[1,3]cyclopropa[1,2]...	220	C14H20O2	066708-18-7	41
5			2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1000250-48-5	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028117.D
Acq On : 2 Aug 2017 20:39
Operator : SJ/JU
Sample : I4529-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Mequinol	9.46	4.0	ng/ul	50221	1	8.37	248116	20.0
Vanillin	13.89	2.5	ng/ul	66359	3	14.97	528789	20.0
7,9-Di-tert-butyl...	18.37	5.3	ng/ul	203702	4	17.72	774879	20.0