

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
 Data File : BG027953.D
 Acq On : 17 Jul 2017 17:41
 Operator : SJ/JU
 Sample : I4183-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B45

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-BG071717.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	3.866	43	47	61	rVB3	12251	22951	1.14%	0.128%
2	4.483	146	152	159	rVB6	2563	6033	0.30%	0.034%
3	4.601	167	172	176	rVB5	2814	6210	0.31%	0.035%
4	4.942	225	230	233	rBV2	4204	5437	0.27%	0.030%
5	5.423	306	312	320	rVB7	2322	6055	0.30%	0.034%
6	5.864	382	387	394	rBV4	4044	8950	0.44%	0.050%
7	6.422	474	482	500	rVB	72005	134456	6.66%	0.747%
8	6.587	505	510	517	rBV7	2499	4356	0.22%	0.024%
9	7.450	652	657	662	rBV7	3395	5635	0.28%	0.031%
10	7.515	662	668	679	rVB	55719	105627	5.23%	0.587%
11	7.685	688	697	711	rVB	153805	268538	13.30%	1.493%
12	7.903	725	734	747	rVB	173447	316817	15.70%	1.761%
13	8.373	802	814	832	rVB2	163081	380110	18.83%	2.113%
14	8.990	914	919	923	rVB5	2260	3927	0.19%	0.022%
15	9.060	923	931	943	rBV	144187	266699	13.21%	1.483%
16	9.201	949	955	960	rBV5	5036	10501	0.52%	0.058%
17	9.466	989	1000	1005	rBV	44678	83042	4.11%	0.462%
18	9.536	1005	1012	1030	rVB	204767	414483	20.53%	2.304%
19	9.677	1032	1036	1043	rVB4	3772	6984	0.35%	0.039%
20	9.906	1069	1075	1079	rBV3	5059	7260	0.36%	0.040%
21	10.265	1128	1136	1152	rVB	188556	352907	17.48%	1.962%
22	10.805	1218	1228	1245	rVB	265687	519835	25.75%	2.890%
23	10.958	1249	1254	1260	rVB2	2999	5899	0.29%	0.033%
24	11.081	1267	1275	1285	rVV	18296	40479	2.01%	0.225%
25	11.193	1285	1294	1308	rVB	229734	438763	21.74%	2.439%
26	11.328	1310	1317	1324	rVB4	2166	5014	0.25%	0.028%
27	11.481	1334	1343	1347	rVB4	1941	4333	0.21%	0.024%
28	11.675	1371	1376	1383	rBV5	3301	7485	0.37%	0.042%
29	11.845	1399	1405	1411	rBV2	6619	12204	0.60%	0.068%
30	11.969	1420	1426	1432	rBV4	1925	5163	0.26%	0.029%
31	12.392	1493	1498	1501	rBV4	5522	7436	0.37%	0.041%
32	12.439	1501	1506	1519	rVB2	51619	99395	4.92%	0.553%
33	12.750	1553	1559	1564	rBV3	4445	7588	0.38%	0.042%
34	13.032	1603	1607	1614	rVB3	2287	4345	0.22%	0.024%

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35	13.244	1638	1643	1652	rBV3	1729	3986	0.20%	0.022%
36	13.326	1652	1657	1663	rBV3	6361	9421	0.47%	0.052%
37	13.567	1691	1698	1707	rVB2	14781	24154	1.20%	0.134%
38	13.843	1740	1745	1748	rBV4	2963	4344	0.22%	0.024%
39	13.890	1748	1753	1770	rVB	49894	89484	4.43%	0.497%
40	14.366	1825	1834	1848	rBV	660559	977621	48.43%	5.435%
41	14.489	1848	1855	1860	rVB5	2689	4597	0.23%	0.026%
42	14.671	1877	1886	1901	rBB	660778	1063494	52.69%	5.912%
43	14.818	1906	1911	1917	rVB3	2866	4865	0.24%	0.027%
44	14.977	1925	1938	1945	rBV	400341	673999	33.39%	3.747%
45	15.036	1945	1948	1954	rVB3	7581	10515	0.52%	0.058%
46	15.177	1963	1972	1994	rBV6	16598	59326	2.94%	0.330%
47	15.629	2040	2049	2058	rBV	12025	23646	1.17%	0.131%
48	15.735	2063	2067	2069	rBV	7068	8771	0.43%	0.049%
49	15.758	2069	2071	2077	rVB3	7015	10422	0.52%	0.058%
50	15.964	2098	2106	2116	rBV	964458	1473951	73.02%	8.194%
51	16.070	2116	2124	2141	rVV	267167	426365	21.12%	2.370%
52	16.205	2141	2147	2152	rVV2	9886	16386	0.81%	0.091%
53	16.317	2162	2166	2171	rBV2	5000	7290	0.36%	0.041%
54	17.292	2327	2332	2337	rBV4	2901	4487	0.22%	0.025%
55	17.509	2361	2369	2376	rVB3	3237	5313	0.26%	0.030%
56	17.721	2397	2405	2415	rVB	569293	878927	43.54%	4.886%
57	17.821	2415	2422	2438	rBV	1056830	1655971	82.04%	9.205%
58	17.973	2443	2448	2454	rVB2	3130	4999	0.25%	0.028%
59	18.367	2508	2515	2522	rBV	195802	253782	12.57%	1.411%
60	18.655	2559	2564	2568	rVB	5942	7146	0.35%	0.040%
61	18.843	2589	2596	2600	rBV5	5519	9882	0.49%	0.055%
62	19.231	2658	2662	2669	rBV4	2324	4262	0.21%	0.024%
63	19.730	2740	2747	2752	rVV2	11497	16485	0.82%	0.092%
64	19.983	2785	2790	2798	rVB	10043	15314	0.76%	0.085%
65	20.094	2798	2809	2823	rBV	1350985	2018496	100.00%	11.221%
66	20.300	2839	2844	2852	rBV7	2982	7061	0.35%	0.039%
67	21.440	3028	3038	3039	rBV8	3592	7342	0.36%	0.041%
68	21.510	3039	3050	3061	rVB8	6464	28521	1.41%	0.159%
69	21.898	3114	3116	3123	rVB5	2032	4020	0.20%	0.022%
70	22.057	3133	3143	3157	rBV	599640	1118557	55.42%	6.218%
71	22.157	3157	3160	3165	rVB5	5094	7555	0.37%	0.042%

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72	22.210	3165	3169	3174	rBV6	4010	7372	0.37%	0.041%
73	22.474	3211	3214	3219	rVB6	3373	4328	0.21%	0.024%
74	22.874	3276	3282	3285	rVB8	4588	7867	0.39%	0.044%
75	23.079	3312	3317	3322	rVV8	2491	5016	0.25%	0.028%
76	23.626	3403	3410	3418	rVB6	11106	26748	1.33%	0.149%
77	23.843	3440	3447	3453	rVB10	4905	10356	0.51%	0.058%
78	24.272	3517	3520	3524	rBV5	2486	3912	0.19%	0.022%
79	24.489	3552	3557	3570	rBV6	15399	39008	1.93%	0.217%
80	24.642	3579	3583	3587	rBV7	2094	4060	0.20%	0.023%
81	25.329	3686	3700	3719	rBV2	643918	1979726	98.08%	11.005%
82	25.570	3728	3741	3760	rVB2	336684	1105433	54.77%	6.145%
83	26.093	3826	3830	3833	rBV6	2326	5220	0.26%	0.029%
84	26.769	3935	3945	3956	rVB5	21400	68176	3.38%	0.379%
85	28.109	4172	4173	4179	rVB5	3681	5016	0.25%	0.028%
86	28.250	4187	4197	4210	rBV6	18042	70519	3.49%	0.392%
87	28.549	4242	4248	4250	rVB7	2114	3759	0.19%	0.021%
88	28.972	4318	4320	4325	rBV6	2938	3827	0.19%	0.021%
89	29.530	4406	4415	4419	rBV6	2540	7430	0.37%	0.041%
90	29.895	4476	4477	4484	rBV6	2892	5528	0.27%	0.031%
91	29.948	4484	4486	4491	rBV6	3099	4657	0.23%	0.026%
92	30.042	4491	4502	4505	rBV8	14503	39599	1.96%	0.220%
93	30.770	4623	4626	4631	rBV6	3828	5122	0.25%	0.028%
94	31.040	4668	4672	4676	rBV6	2635	4490	0.22%	0.025%
95	31.187	4693	4697	4700	rVB4	2693	4085	0.20%	0.023%
96	31.234	4700	4705	4707	rBV4	3322	4765	0.24%	0.026%
97	31.763	4790	4795	4797	rBV6	2351	3929	0.19%	0.022%
98	31.928	4819	4823	4826	rBV5	3003	4458	0.22%	0.025%
99	32.075	4842	4848	4850	rBV6	2782	4772	0.24%	0.027%
100	32.210	4858	4871	4873	rBV10	11195	34277	1.70%	0.191%

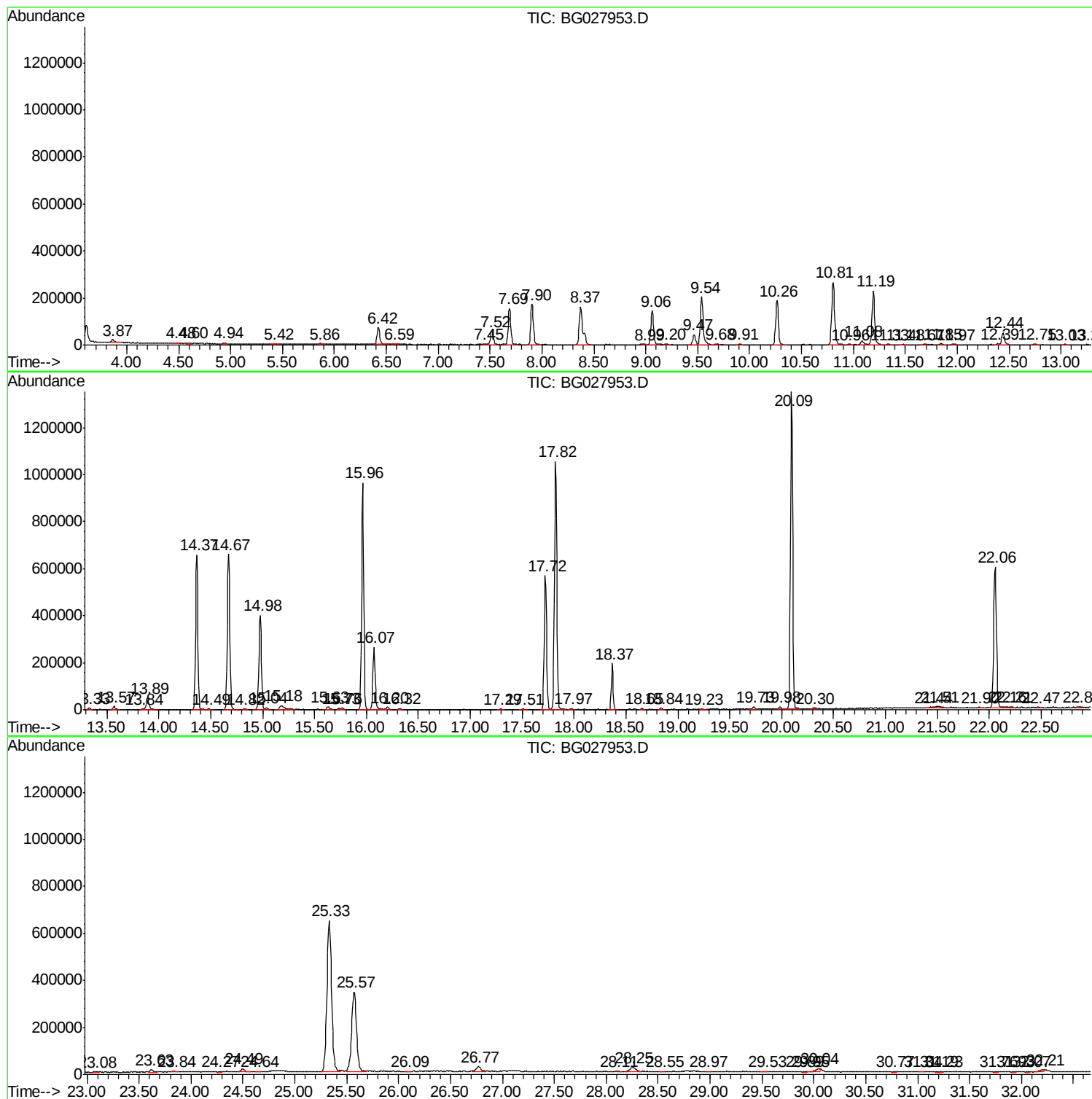
Sum of corrected areas: 17989129

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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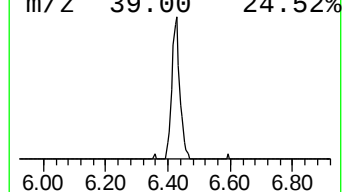
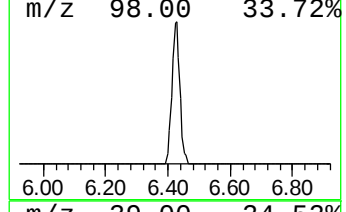
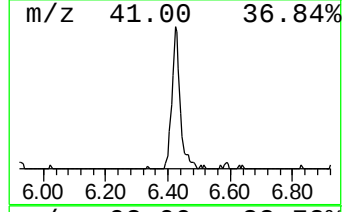
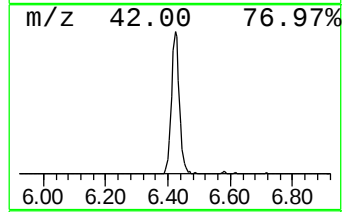
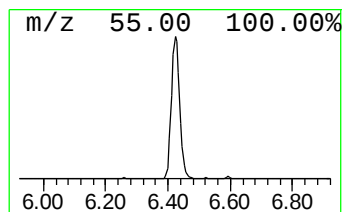
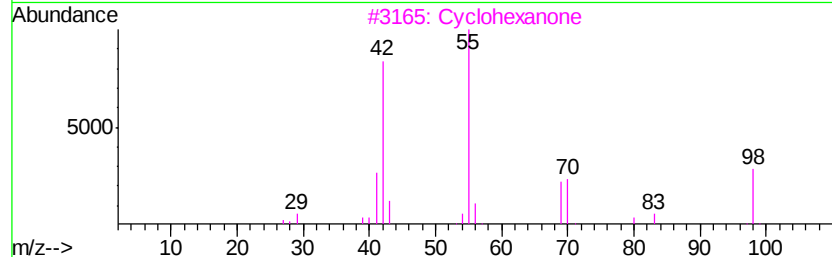
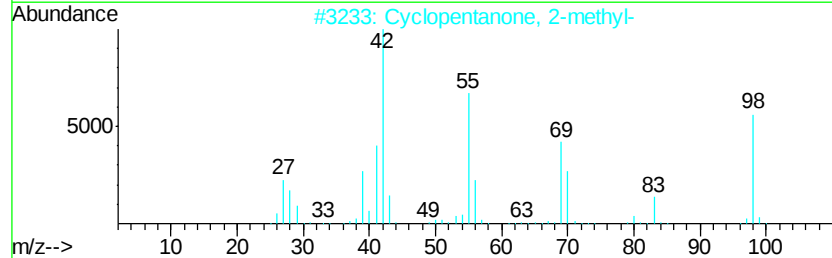
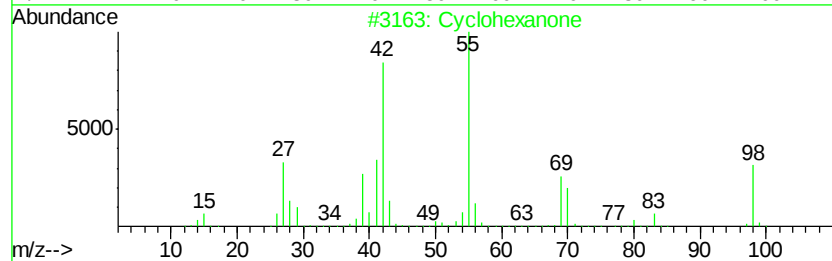
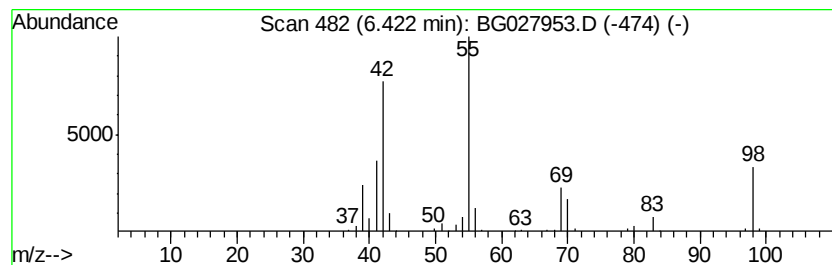
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	7.07 ng/ul	134456	1,4-Dichlorobenzene-d4	8.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone	98	C6H10O	000108-94-1	94
2			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	90
3			Cyclohexanone	98	C6H10O	000108-94-1	87
4			Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	86
5			Cyclohexanone	98	C6H10O	000108-94-1	78



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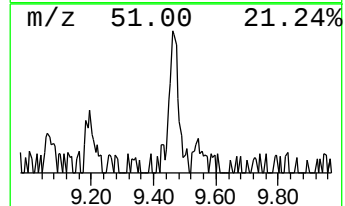
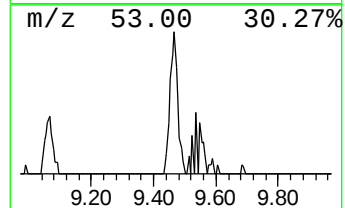
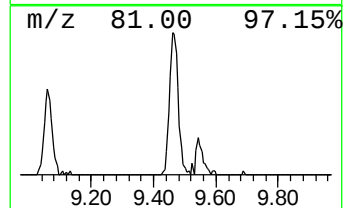
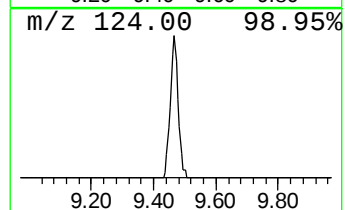
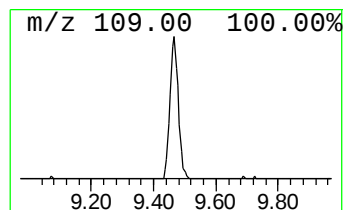
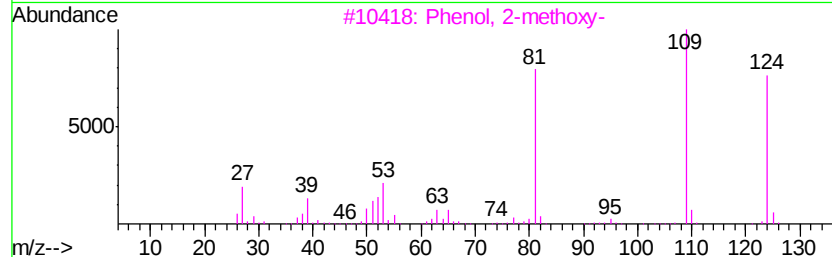
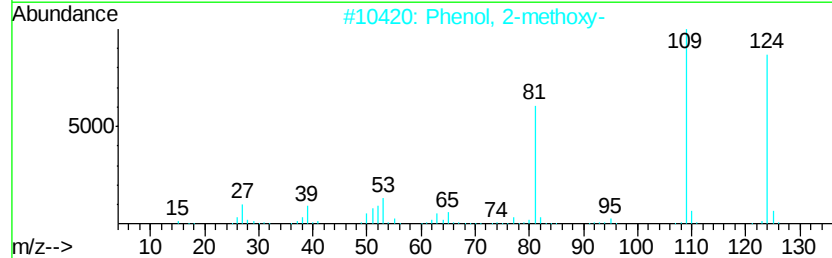
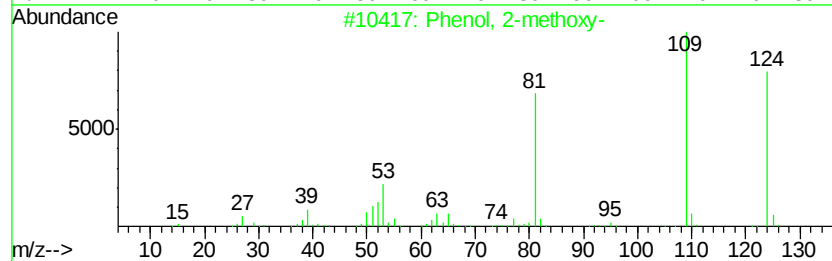
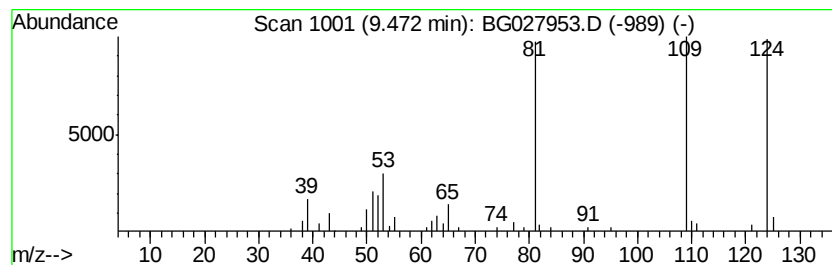
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.37 ng/ul	83042	1,4-Dichlorobenzene-d4	8.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-			124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-			124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-			124	C7H8O2	000090-05-1	90
4	Mequinol			124	C7H8O2	000150-76-5	83
5	Phenol, 2-methoxy-			124	C7H8O2	000090-05-1	78



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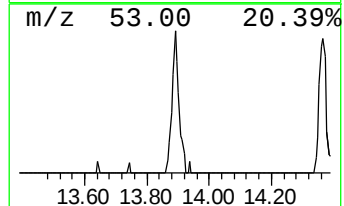
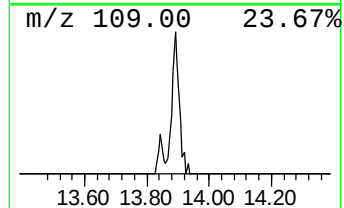
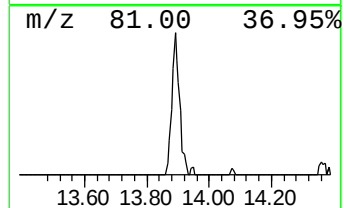
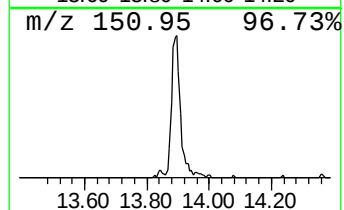
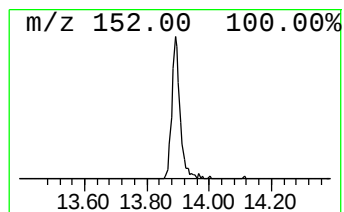
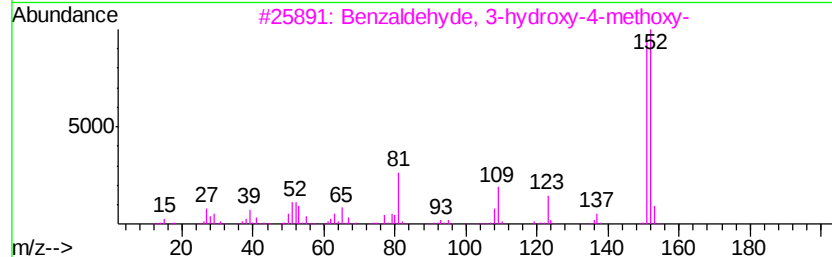
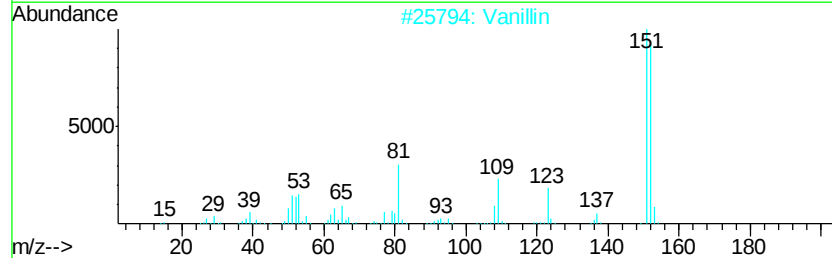
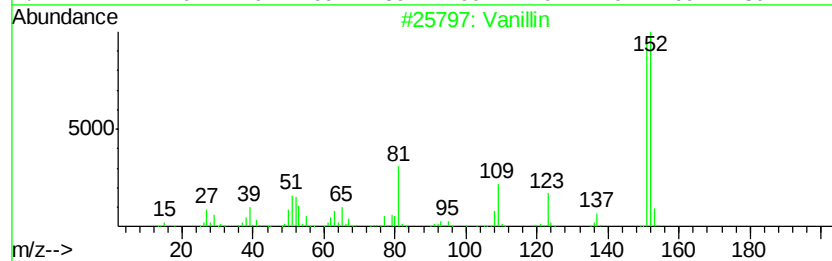
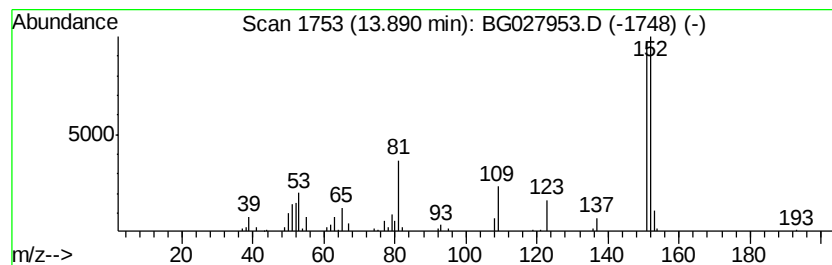
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Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.66 ng/ul	89484	Acenaphthene-d10	14.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	96
2	Vanillin		152	C8H8O3	000121-33-5	95
3	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	93
4	Vanillin		152	C8H8O3	000121-33-5	91
5	Vanillin		152	C8H8O3	000121-33-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027953.D
Acq On : 17 Jul 2017 17:41
Operator : SJ/JU
Sample : I4183-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

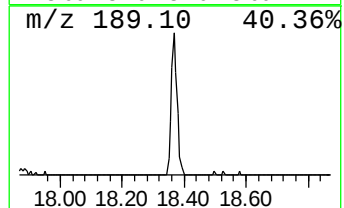
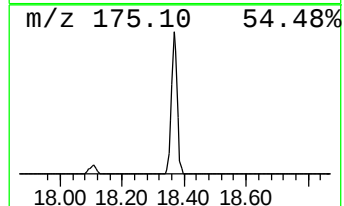
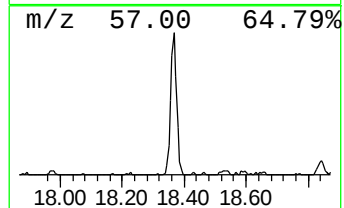
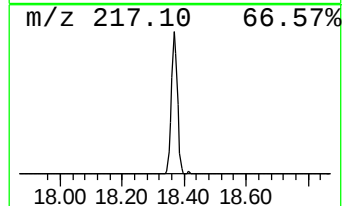
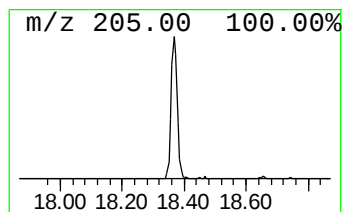
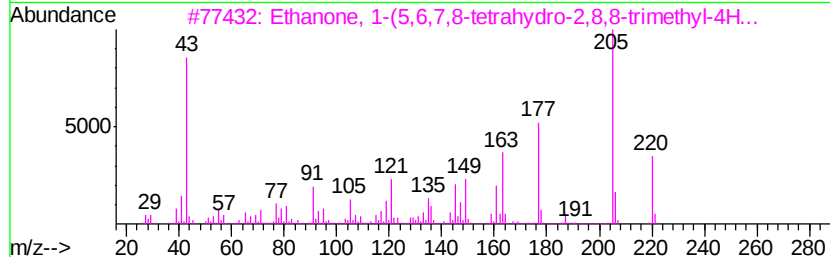
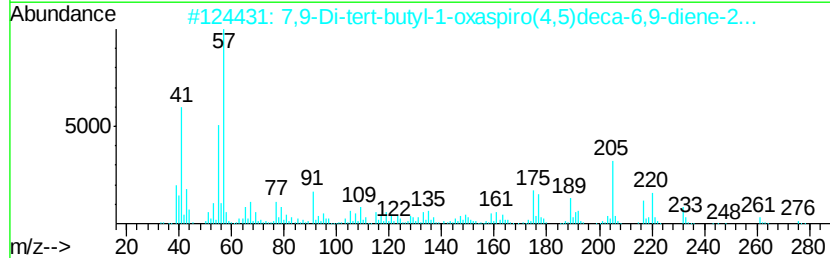
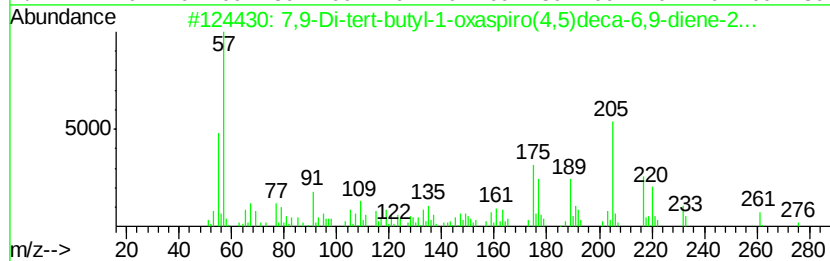
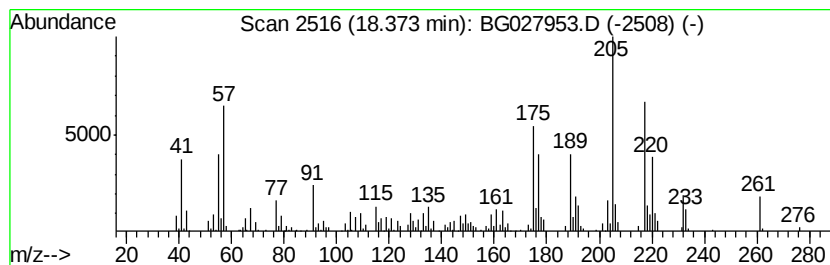
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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	5.77 ng/ul	253782	Phenanthrene-d10	17.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	95
3		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38
5		Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38



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Acq On : 17 Jul 2017 17:41
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Sample : I4183-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B45

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
Cyclohexanone	6.42	7.1	ng/ul	134456	1	8.37	380110	20.0
Phenol, 2-methoxy-	9.47	4.4	ng/ul	83042	1	8.37	380110	20.0
Vanillin	13.89	2.7	ng/ul	89484	3	14.98	673999	20.0
7,9-Di-tert-butyl...	18.37	5.8	ng/ul	253782	4	17.72	878927	20.0