

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028115.D
 Acq On : 2 Aug 2017 19:20
 Operator : SJ/JU
 Sample : I4529-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH5

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	3.850	40	44	54	rVB5	10732	18427	1.45%	0.155%
2	4.184	99	101	105	rVB4	2248	2870	0.23%	0.024%
3	4.590	166	170	177	rVB5	1994	3628	0.28%	0.031%
4	4.978	232	236	240	rVB3	1655	2578	0.20%	0.022%
5	5.224	269	278	280	rBV4	1130	3280	0.26%	0.028%
6	5.418	306	311	313	rBV4	2002	2820	0.22%	0.024%
7	5.812	374	378	382	rVB5	1610	2782	0.22%	0.023%
8	5.859	382	386	388	rBV	3403	3452	0.27%	0.029%
9	6.200	441	444	449	rVB4	1681	2961	0.23%	0.025%
10	6.411	475	480	494	rBV2	39030	74350	5.84%	0.626%
11	6.687	520	527	530	rBV3	1621	3374	0.26%	0.028%
12	7.322	629	635	639	rBV2	2179	4354	0.34%	0.037%
13	7.445	651	656	661	rVB4	2270	2932	0.23%	0.025%
14	7.510	661	667	677	rBV2	31350	60094	4.72%	0.506%
15	7.628	682	687	689	rBV	2330	2735	0.21%	0.023%
16	7.680	689	696	708	rVB	79731	140287	11.02%	1.182%
17	7.898	725	733	746	rBV	81778	152072	11.94%	1.281%
18	8.368	805	813	830	rVB2	106484	235241	18.47%	1.982%
19	9.055	921	930	940	rBV2	72832	143968	11.30%	1.213%
20	9.126	940	942	946	rVB3	2190	2832	0.22%	0.024%
21	9.190	948	953	962	rVB4	4959	8953	0.70%	0.075%
22	9.461	991	999	1004	rBV	23686	43564	3.42%	0.367%
23	9.531	1004	1011	1025	rVB	116844	226670	17.80%	1.909%
24	9.784	1047	1054	1056	rBV3	1486	2561	0.20%	0.022%
25	10.254	1126	1134	1151	rVB2	94180	191920	15.07%	1.617%
26	10.794	1217	1226	1239	rBV	123729	248107	19.48%	2.090%
27	10.947	1246	1252	1258	rBV4	1859	4610	0.36%	0.039%
28	11.082	1267	1275	1285	rBV2	8622	21152	1.66%	0.178%
29	11.182	1285	1292	1307	rVB	176717	330352	25.94%	2.783%
30	11.353	1315	1321	1324	rVB3	1575	2532	0.20%	0.021%
31	11.494	1338	1345	1348	rVB3	1324	2637	0.21%	0.022%
32	11.682	1371	1377	1385	rVB5	4539	9739	0.76%	0.082%
33	11.746	1385	1388	1393	rVB2	2095	3227	0.25%	0.027%
34	11.846	1399	1405	1411	rVB4	2381	5251	0.41%	0.044%

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35	12.275	1474	1478	1483	rVB2	1389	2529	0.20%	0.021%
36	12.334	1483	1488	1490	rBV3	1897	2602	0.20%	0.022%
37	12.434	1499	1505	1518	rBV4	25621	54710	4.30%	0.461%
38	12.745	1551	1558	1562	rBV5	3730	4091	0.32%	0.034%
39	12.898	1581	1584	1588	rBV2	1521	2643	0.21%	0.022%
40	13.033	1601	1607	1614	rVB4	3071	4485	0.35%	0.038%
41	13.321	1648	1656	1661	rBV3	5491	9278	0.73%	0.078%
42	13.568	1689	1698	1706	rBV4	8822	17131	1.35%	0.144%
43	13.832	1740	1743	1747	rBV2	2389	2491	0.20%	0.021%
44	13.885	1747	1752	1770	rVB3	33635	64530	5.07%	0.544%
45	14.361	1823	1833	1846	rVB	379314	554551	43.54%	4.671%
46	14.666	1874	1885	1895	rBV	339132	541689	42.53%	4.563%
47	14.831	1909	1913	1921	rVB3	2233	4316	0.34%	0.036%
48	14.972	1929	1937	1944	rBV2	303824	521666	40.96%	4.394%
49	15.031	1944	1947	1955	rVB2	6800	9033	0.71%	0.076%
50	15.166	1964	1970	1982	rBV5	20955	52368	4.11%	0.441%
51	15.530	2027	2032	2042	rVB3	2119	5427	0.43%	0.046%
52	15.624	2042	2048	2057	rBV3	8205	17805	1.40%	0.150%
53	15.730	2060	2066	2069	rBV2	8259	11548	0.91%	0.097%
54	15.959	2097	2105	2116	rBV	510771	793405	62.30%	6.683%
55	16.071	2116	2124	2136	rBV	196903	314429	24.69%	2.649%
56	16.200	2142	2146	2153	rVB4	5583	9915	0.78%	0.084%
57	16.311	2159	2165	2171	rBV4	2631	4021	0.32%	0.034%
58	16.405	2178	2181	2186	rBV3	1487	2922	0.23%	0.025%
59	17.293	2328	2332	2337	rBV3	2526	3730	0.29%	0.031%
60	17.510	2363	2369	2374	rVB	3013	5085	0.40%	0.043%
61	17.716	2394	2404	2413	rBV	466752	766169	60.16%	6.454%
62	17.816	2413	2421	2435	rVV	675255	1051240	82.54%	8.855%
63	17.974	2443	2448	2454	rVB4	2253	4273	0.34%	0.036%
64	18.362	2508	2514	2521	rVB	186854	235742	18.51%	1.986%
65	18.585	2548	2552	2557	rVB3	2020	2876	0.23%	0.024%
66	18.650	2559	2563	2567	rVB2	4121	4926	0.39%	0.041%
67	18.838	2588	2595	2601	rVB3	5231	7828	0.61%	0.066%
68	19.320	2672	2677	2680	rVB4	1627	2505	0.20%	0.021%
69	19.731	2739	2747	2752	rVB3	6140	10300	0.81%	0.087%
70	19.978	2785	2789	2796	rBV3	6129	13310	1.05%	0.112%
71	20.089	2796	2808	2818	rVV	862663	1273599	100.00%	10.728%

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72	20.301	2842	2844	2848	rVB4	2748	3773	0.30%	0.032%
73	21.406	3025	3032	3033	rBV5	7644	10389	0.82%	0.088%
74	21.494	3043	3047	3063	rVB7	14432	46482	3.65%	0.392%
75	21.699	3078	3082	3086	rVB6	2426	4673	0.37%	0.039%
76	21.893	3112	3115	3119	rVB5	3392	4185	0.33%	0.035%
77	21.993	3130	3132	3134	rBV2	2107	2561	0.20%	0.022%
78	22.052	3134	3142	3152	rVV	504224	874299	68.65%	7.365%
79	22.863	3278	3280	3285	rVB5	7091	7182	0.56%	0.060%
80	23.615	3401	3408	3414	rVB5	12939	23863	1.87%	0.201%
81	23.826	3441	3444	3454	rVB8	6203	12988	1.02%	0.109%
82	24.490	3549	3557	3565	rBV3	17152	37709	2.96%	0.318%
83	24.796	3591	3609	3629	rBV3	12176	83530	6.56%	0.704%
84	25.324	3686	3699	3712	rBV2	375604	1122214	88.11%	9.453%
85	25.559	3724	3739	3755	rBV3	250926	876567	68.83%	7.384%
86	26.200	3847	3848	3850	rBV2	2751	2598	0.20%	0.022%
87	26.259	3856	3858	3860	rBV2	2743	2679	0.21%	0.023%
88	26.529	3903	3904	3910	rBV4	3001	5142	0.40%	0.043%
89	26.752	3933	3942	3959	rVB5	27959	93410	7.33%	0.787%
90	27.081	3994	3998	3999	rBV4	2679	2580	0.20%	0.022%
91	27.322	4036	4039	4043	rBV5	2878	5060	0.40%	0.043%
92	28.250	4184	4197	4209	rVB5	28795	107918	8.47%	0.909%
93	28.632	4258	4262	4264	rBV4	3445	4749	0.37%	0.040%
94	29.296	4370	4375	4379	rBV6	3056	7233	0.57%	0.061%
95	30.019	4486	4498	4514	rBV8	22101	85796	6.74%	0.723%
96	30.507	4579	4581	4585	rBV4	2737	3304	0.26%	0.028%
97	30.747	4619	4622	4628	rBV6	3079	7285	0.57%	0.061%
98	31.500	4748	4750	4753	rBV4	4116	3509	0.28%	0.030%
99	31.735	4787	4790	4794	rBV5	2828	4466	0.35%	0.038%
100	32.193	4858	4868	4881	rVB7	16913	70011	5.50%	0.590%

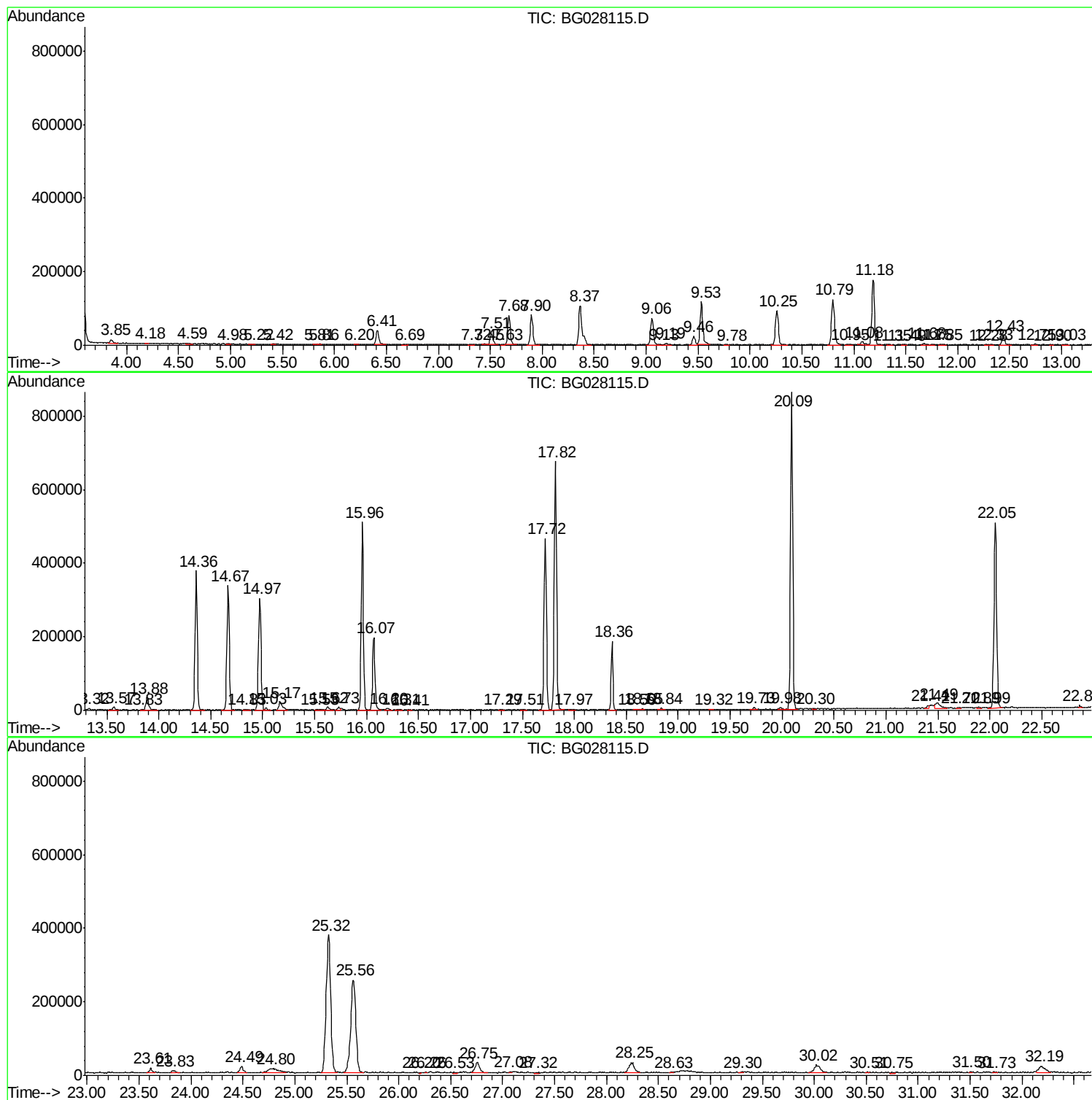
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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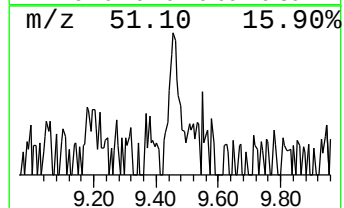
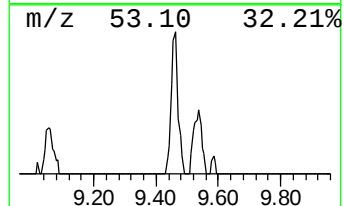
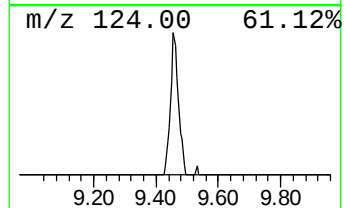
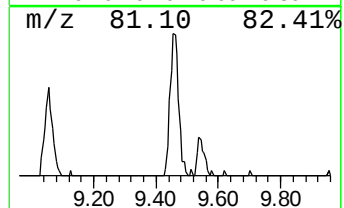
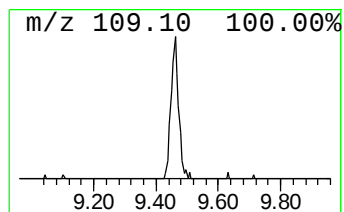
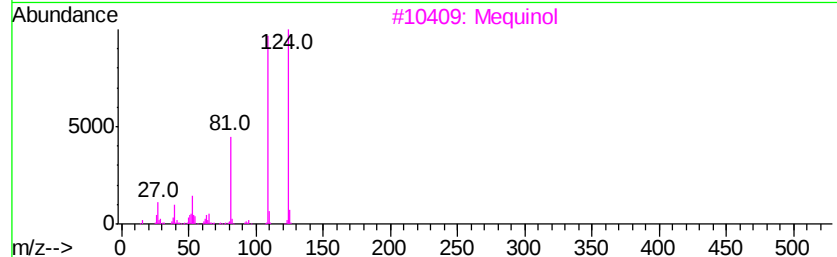
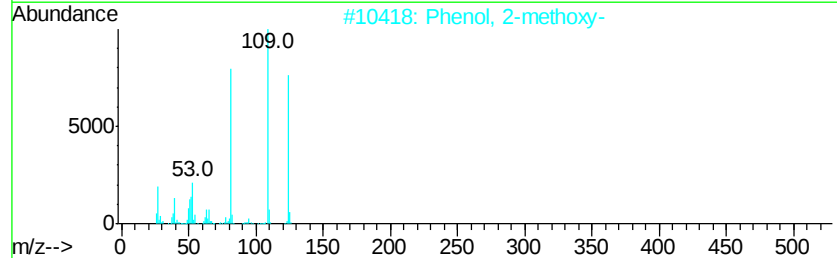
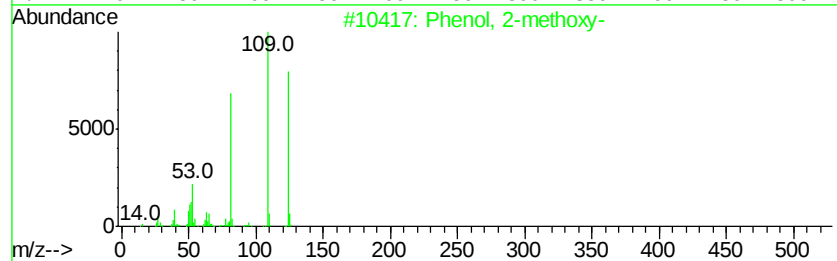
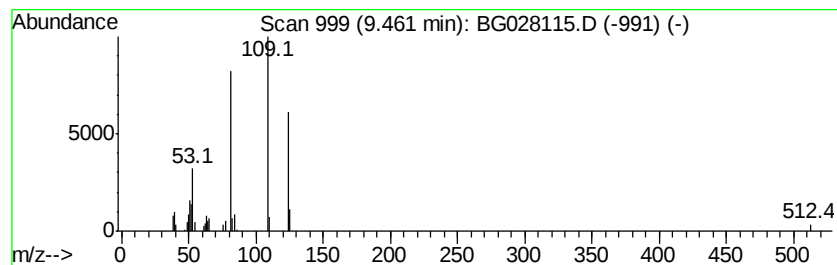
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.70 ng/ul	43564	1,4-Dichlorobenzene-d4	8.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	80
3		Mequinol	124	C7H8O2	000150-76-5	78
4		Formic acid, 2-methoxyphenyl ester	152	C8H8O3	1000368-70-7	56
5		Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	53



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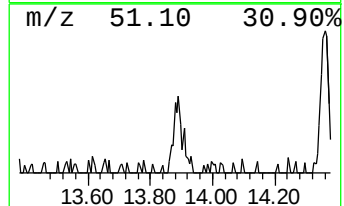
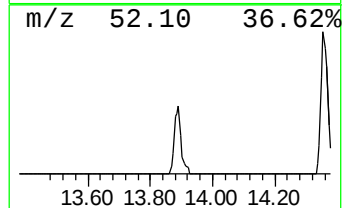
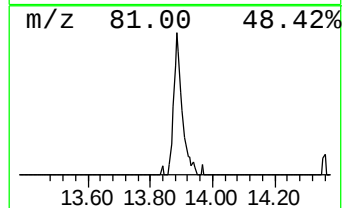
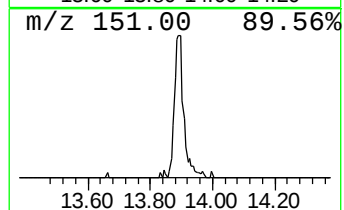
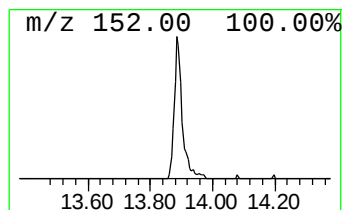
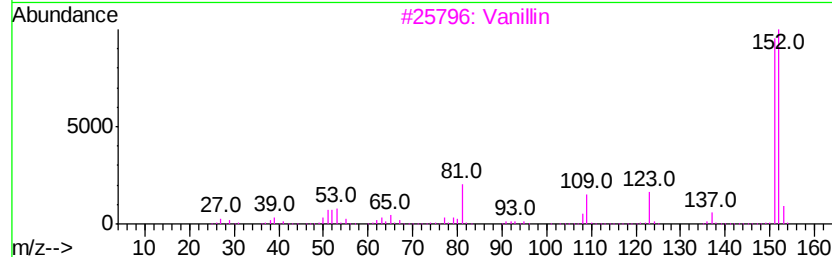
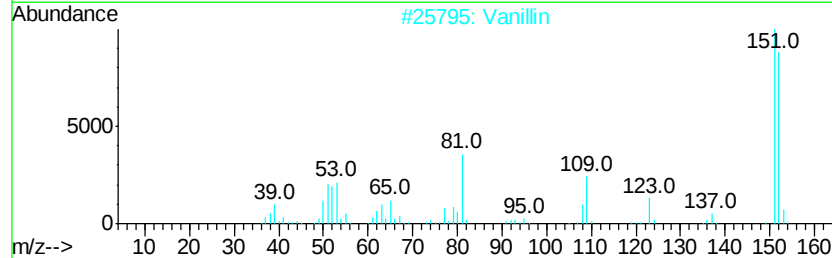
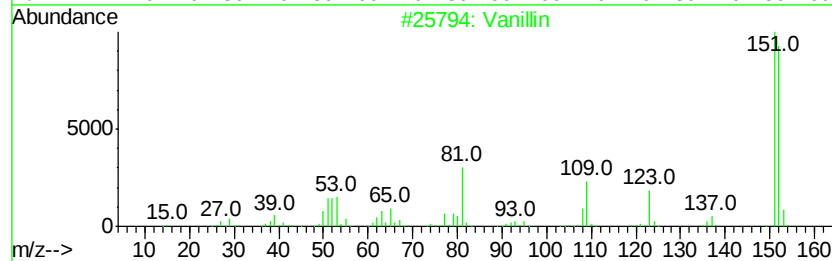
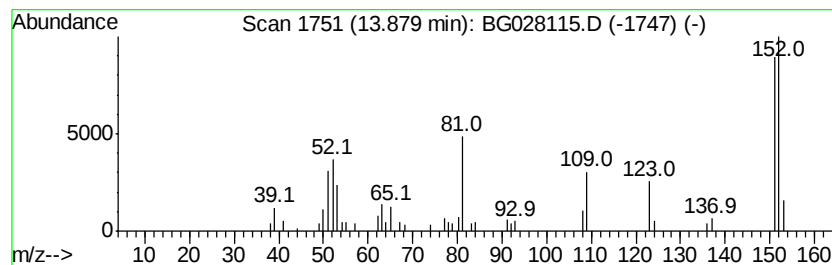
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.47 ng/ul	64530	Acenaphthene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	95
2		Vanillin	152	C8H8O3	000121-33-5	93
3		Vanillin	152	C8H8O3	000121-33-5	70
4		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	60
5		Vanillin	152	C8H8O3	000121-33-5	60



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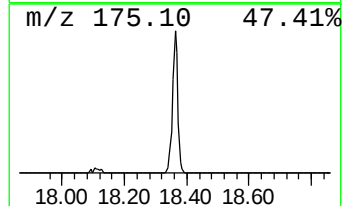
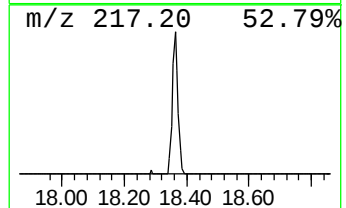
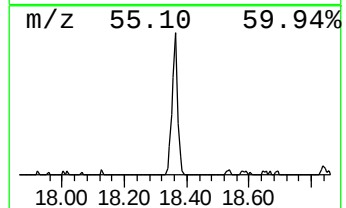
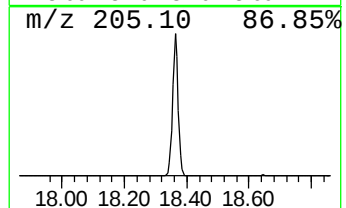
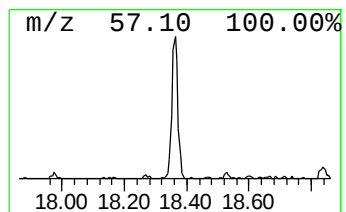
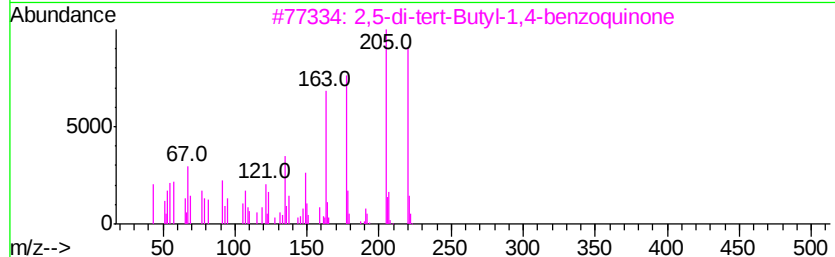
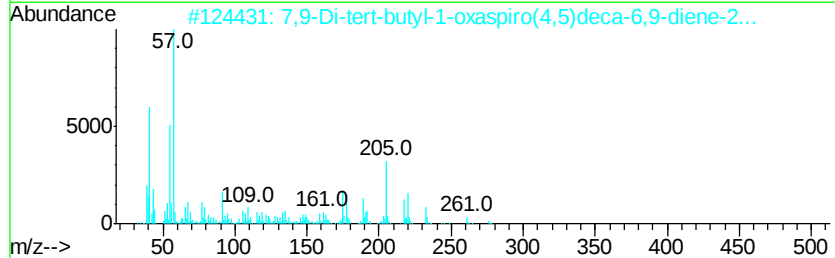
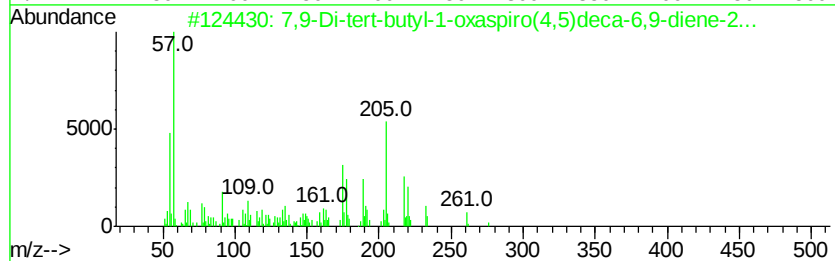
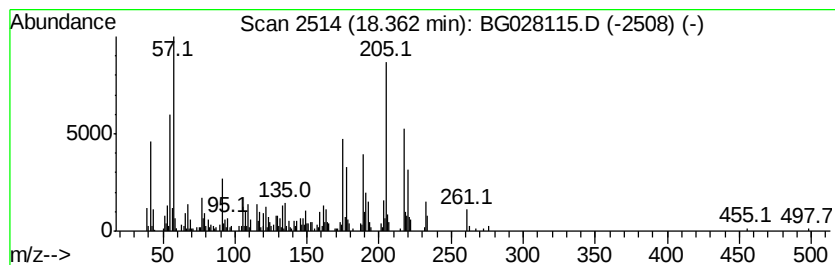
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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	6.15 ng/ul	235742	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	99		
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	92		
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	53		
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	30		
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	30		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028115.D
Acq On : 2 Aug 2017 19:20
Operator : SJ/JU
Sample : I4529-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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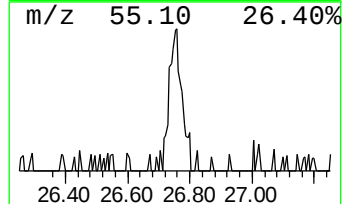
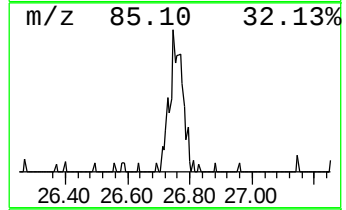
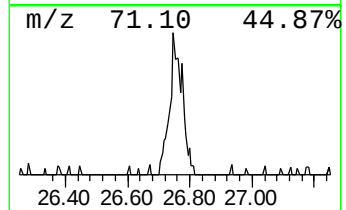
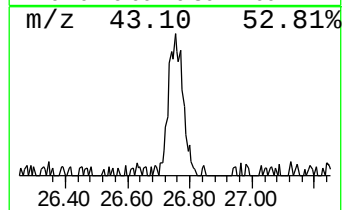
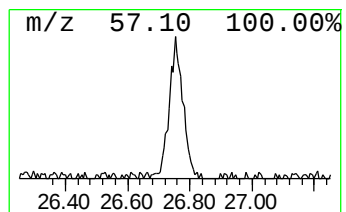
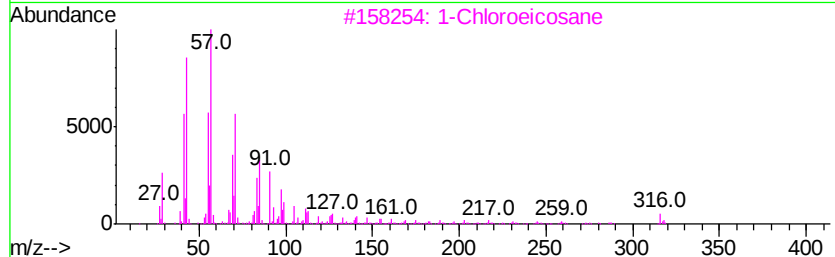
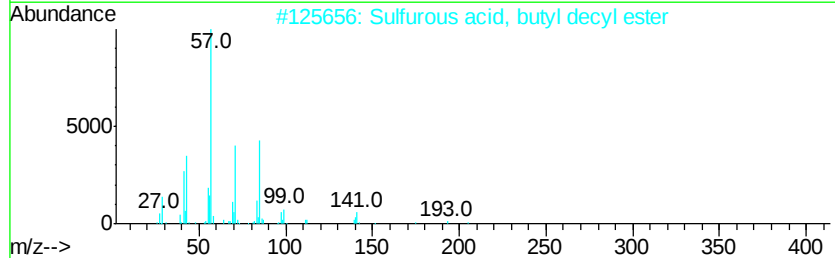
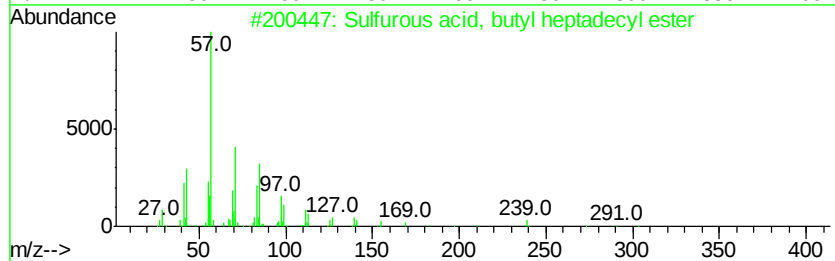
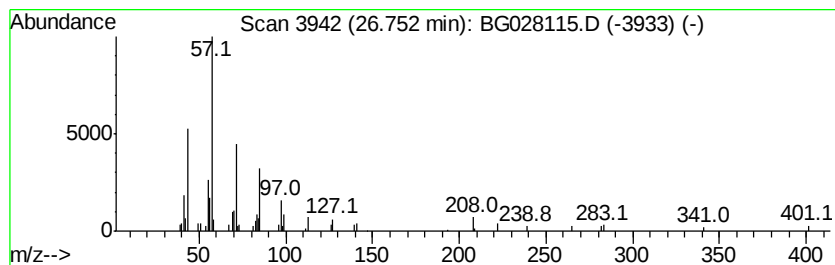
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.75	2.13 ng/ul	93410	Perylene-d12	25.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3		1-Chloroeicosane	316	C20H41Cl	042217-02-7	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028115.D
Acq On : 2 Aug 2017 19:20
Operator : SJ/JU
Sample : I4529-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH5

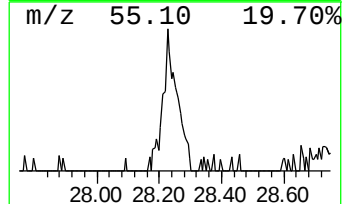
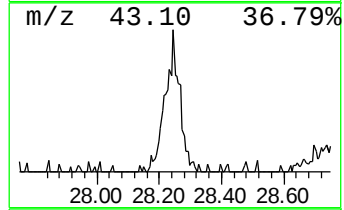
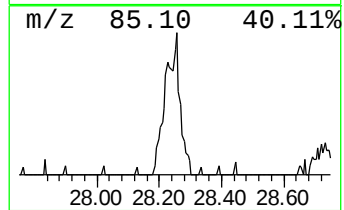
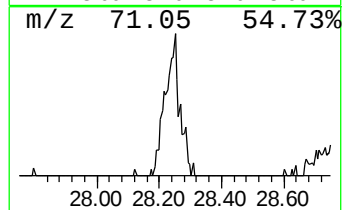
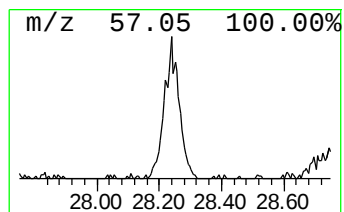
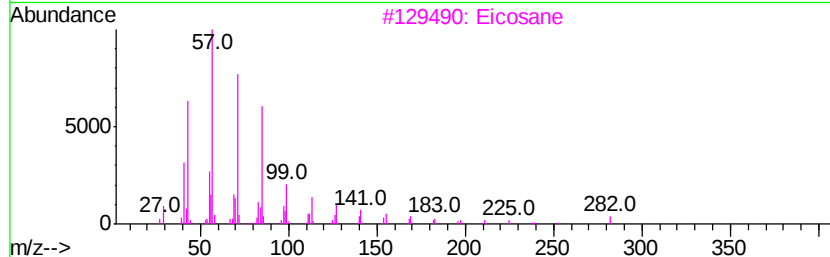
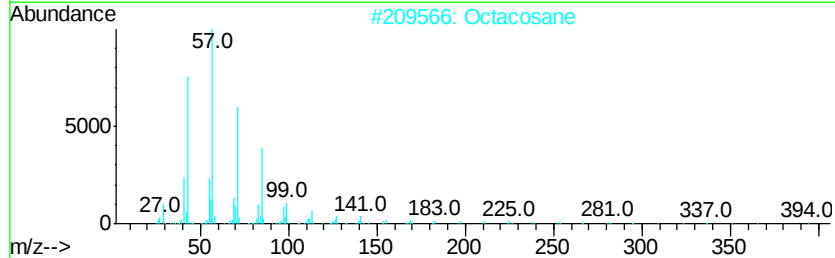
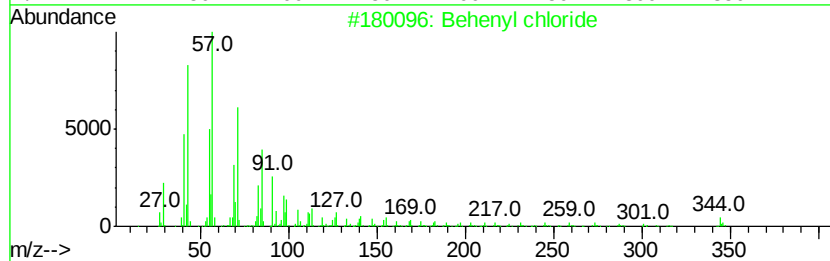
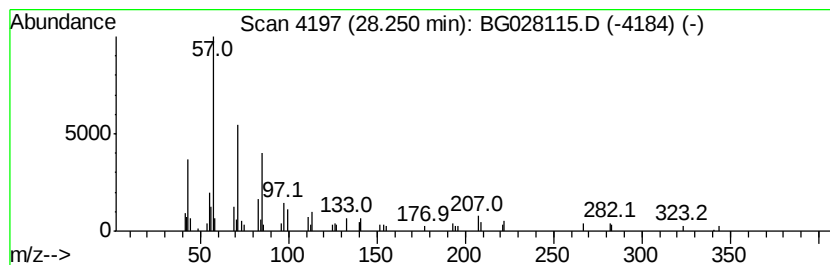
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Behenyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	2.46 ng/ul	107918	Perylene-d12	25.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenyl chloride	344	C22H45Cl	042217-03-8	90
2		Octacosane	394	C28H58	000630-02-4	86
3		Eicosane	282	C20H42	000112-95-8	81
4		Eicosane	282	C20H42	000112-95-8	81
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	80



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Sample : I4529-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH5

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
Phenol, 2-methoxy-	9.46	3.7	ng/ul	43564	1	8.37	235241	20.0
Vanillin	13.88	2.5	ng/ul	64530	3	14.97	521666	20.0
7,9-Di-tert-butyl...	18.36	6.2	ng/ul	235742	4	17.72	766169	20.0
Sulfurous acid, b...	26.75	2.1	ng/ul	93410	6	25.57	876567	20.0
Behenyl chloride	28.25	2.5	ng/ul	107918	6	25.57	876567	20.0