

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
 Data File : BG024785.D
 Acq On : 15 Nov 2016 5:09
 Operator : UM/SJ
 Sample : H5626-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F2J04

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\SOM02.2-EPA-BG111416.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	3.196	57	61	62	rBV4	8974	12495	0.26%	0.029%
2	3.619	130	133	139	rVB6	13288	27266	0.57%	0.064%
3	4.389	259	264	273	rBV7	13185	29818	0.62%	0.070%
4	4.694	310	316	317	rBV3	8554	12861	0.27%	0.030%
5	5.176	396	398	402	rVB4	9508	10539	0.22%	0.025%
6	5.323	413	423	430	rVB4	20406	46345	0.97%	0.109%
7	5.447	441	444	449	rBV5	7805	11923	0.25%	0.028%
8	6.463	606	617	619	rBV5	8594	19656	0.41%	0.046%
9	6.733	659	663	666	rBV4	6777	12407	0.26%	0.029%
10	6.880	679	688	690	rBV4	7440	14634	0.30%	0.035%
11	7.209	739	744	746	rBV2	9497	11294	0.24%	0.027%
12	7.397	769	776	786	rVV2	113277	216622	4.51%	0.511%
13	7.573	797	806	817	rBV	332602	599896	12.50%	1.414%
14	7.785	834	842	855	rVB	384877	705824	14.71%	1.664%
15	8.261	912	923	926	rBV	364788	679203	14.15%	1.601%
16	8.290	926	928	938	rVB2	286772	440738	9.18%	1.039%
17	8.807	1009	1016	1021	rVV7	9617	18841	0.39%	0.044%
18	8.872	1021	1027	1031	rVV4	11210	21670	0.45%	0.051%
19	8.948	1031	1040	1052	rVB	310757	588784	12.27%	1.388%
20	9.036	1052	1055	1059	rBV3	5782	10480	0.22%	0.025%
21	9.083	1059	1063	1072	rVB7	10935	23621	0.49%	0.056%
22	9.354	1102	1109	1116	rBV3	196621	348750	7.27%	0.822%
23	9.436	1116	1123	1131	rVV	495024	881644	18.37%	2.079%
24	9.507	1131	1135	1142	rVV4	21909	38650	0.81%	0.091%
25	9.988	1215	1217	1222	rVB4	9655	11413	0.24%	0.027%
26	10.159	1238	1246	1256	rBV3	426765	804877	16.77%	1.898%
27	10.300	1265	1270	1272	rBV4	9934	10713	0.22%	0.025%
28	10.358	1274	1280	1286	rVB8	13071	27732	0.58%	0.065%
29	10.558	1309	1314	1321	rBV6	7766	16958	0.35%	0.040%
30	10.693	1330	1337	1345	rBV	558819	1061788	22.12%	2.504%
31	10.928	1373	1377	1379	rBV5	10394	11144	0.23%	0.026%
32	10.981	1380	1386	1396	rVB5	32080	68529	1.43%	0.162%
33	11.087	1396	1404	1411	rBV	499182	948331	19.76%	2.236%
34	11.222	1422	1427	1431	rBV6	7158	13898	0.29%	0.033%

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35	11.451	1458	1466	1474	rVB8	8140	22212	0.46%	0.052%
36	11.739	1512	1515	1521	rVB5	15452	27011	0.56%	0.064%
37	11.827	1523	1530	1543	rBV4	27979	64130	1.34%	0.151%
38	11.986	1551	1557	1560	rVB5	5550	11497	0.24%	0.027%
39	12.045	1563	1567	1574	rBV9	6196	16637	0.35%	0.039%
40	12.221	1593	1597	1606	rVB5	20220	39605	0.83%	0.093%
41	12.374	1619	1623	1625	rBV5	6628	11199	0.23%	0.026%
42	12.650	1665	1670	1676	rVB6	18268	34935	0.73%	0.082%
43	12.720	1676	1682	1689	rBV8	15720	35586	0.74%	0.084%
44	12.844	1697	1703	1712	rBV4	21784	50779	1.06%	0.120%
45	12.938	1712	1719	1727	rBV8	13660	31853	0.66%	0.075%
46	13.085	1739	1744	1747	rBV6	11512	19960	0.42%	0.047%
47	13.143	1747	1754	1760	rVV6	35467	65195	1.36%	0.154%
48	13.232	1765	1769	1776	rVB9	17678	34473	0.72%	0.081%
49	13.461	1801	1808	1817	rVB9	15615	40268	0.84%	0.095%
50	13.537	1817	1821	1825	rVB4	5964	10856	0.23%	0.026%
51	13.590	1825	1830	1832	rBV4	8140	12094	0.25%	0.029%
52	13.737	1848	1855	1859	rBV2	166222	266622	5.56%	0.629%
53	13.796	1859	1865	1873	rVB	568192	918311	19.13%	2.165%
54	14.119	1917	1920	1925	rBV5	14360	18513	0.39%	0.044%
55	14.189	1928	1932	1937	rBV7	6925	11427	0.24%	0.027%
56	14.266	1937	1945	1959	rVV	1291335	1982431	41.31%	4.674%
57	14.442	1973	1975	1979	rBV4	9758	16571	0.35%	0.039%
58	14.577	1990	1998	2008	rVB	1281601	2072496	43.18%	4.887%
59	14.718	2016	2022	2030	rVB4	37966	70917	1.48%	0.167%
60	14.806	2030	2037	2039	rBV5	7164	11868	0.25%	0.028%
61	14.877	2039	2049	2056	rVV	919706	1475569	30.74%	3.479%
62	14.935	2056	2059	2066	rVB6	26971	44226	0.92%	0.104%
63	15.053	2072	2079	2088	rBV	162754	304622	6.35%	0.718%
64	15.206	2100	2105	2110	rVB6	8408	16714	0.35%	0.039%
65	15.270	2111	2116	2123	rVB5	9991	25613	0.53%	0.060%
66	15.435	2139	2144	2149	rVB4	17066	31450	0.66%	0.074%
67	15.529	2155	2160	2162	rBV2	16673	19834	0.41%	0.047%
68	15.664	2175	2183	2189	rVB10	27542	65279	1.36%	0.154%
69	15.723	2189	2193	2196	rBV6	7395	15183	0.32%	0.036%
70	15.864	2209	2217	2226	rBV	1868120	2882184	60.05%	6.796%
71	15.970	2229	2235	2251	rVB	830471	1263750	26.33%	2.980%

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72	16.105	2253	2258	2263	rVB5	30346	46894	0.98%	0.111%
73	16.216	2273	2277	2282	rBV6	19294	30708	0.64%	0.072%
74	16.310	2290	2293	2295	rBV3	9342	14177	0.30%	0.033%
75	16.428	2305	2313	2317	rBV8	11855	28706	0.60%	0.068%
76	16.481	2319	2322	2326	rBV5	9108	10419	0.22%	0.025%
77	16.792	2372	2375	2377	rBV4	10830	12281	0.26%	0.029%
78	16.986	2405	2408	2415	rVB8	8762	14309	0.30%	0.034%
79	17.180	2440	2441	2449	rVB5	12414	18539	0.39%	0.044%
80	17.256	2450	2454	2459	rVB6	9023	13233	0.28%	0.031%
81	17.403	2475	2479	2485	rBV6	12528	24289	0.51%	0.057%
82	17.621	2509	2516	2525	rBV2	1331164	2080431	43.35%	4.905%
83	17.720	2525	2533	2543	rVB2	2281673	3660766	76.28%	8.631%
84	17.867	2555	2558	2562	rVB3	12975	14625	0.30%	0.034%
85	18.255	2619	2624	2630	rBV2	456200	613014	12.77%	1.445%
86	18.549	2671	2674	2678	rVB5	14003	13043	0.27%	0.031%
87	18.737	2700	2706	2709	rBV8	15020	22087	0.46%	0.052%
88	18.972	2742	2746	2747	rBV3	12559	11145	0.23%	0.026%
89	19.301	2801	2802	2806	rVB4	12099	12754	0.27%	0.030%
90	19.348	2806	2810	2812	rBV4	15362	16824	0.35%	0.040%
91	19.630	2854	2858	2862	rVB2	36734	54246	1.13%	0.128%
92	19.877	2893	2900	2905	rBV3	45658	74391	1.55%	0.175%
93	19.988	2912	2919	2930	rBV	3078491	4716889	98.28%	11.122%
94	20.799	3054	3057	3062	rBV7	19419	36521	0.76%	0.086%
95	21.916	3239	3247	3256	rVB	1693323	2941197	61.28%	6.935%
96	23.414	3497	3502	3512	rBV	46591	129087	2.69%	0.304%
97	24.272	3645	3648	3653	rVB5	47257	79131	1.65%	0.187%
98	25.106	3777	3790	3802	rBV2	1608670	4799391	100.00%	11.316%
99	25.341	3813	3830	3846	rVB3	938587	3105998	64.72%	7.323%
100	29.606	4554	4556	4557	rBV2	20633	15804	0.33%	0.037%

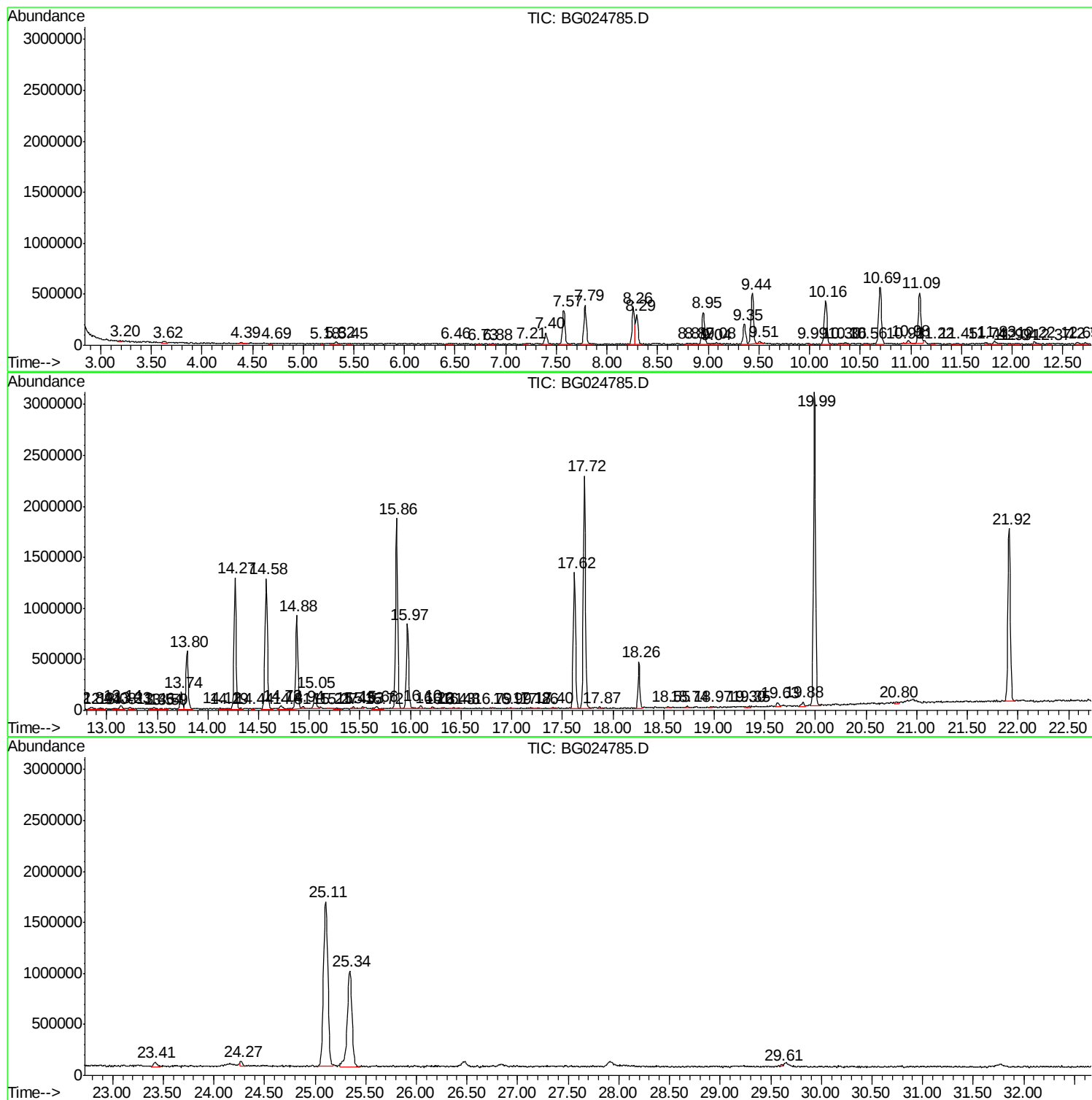
Sum of corrected areas: 42412113

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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



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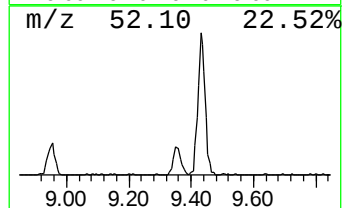
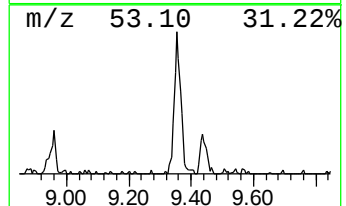
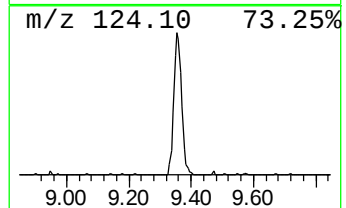
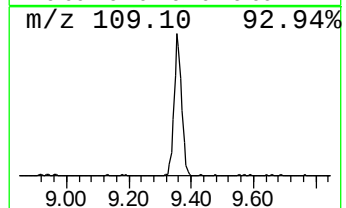
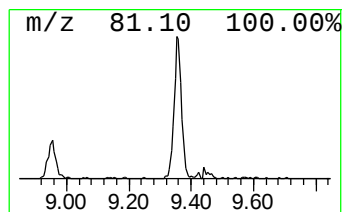
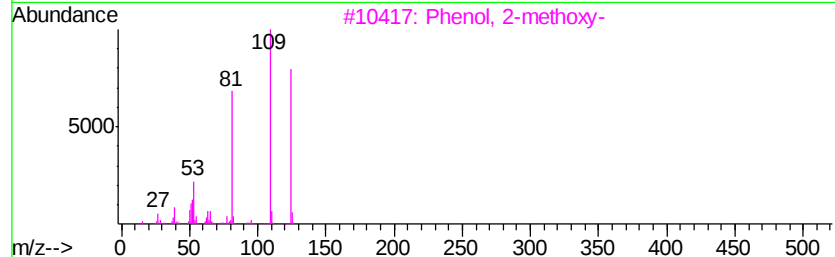
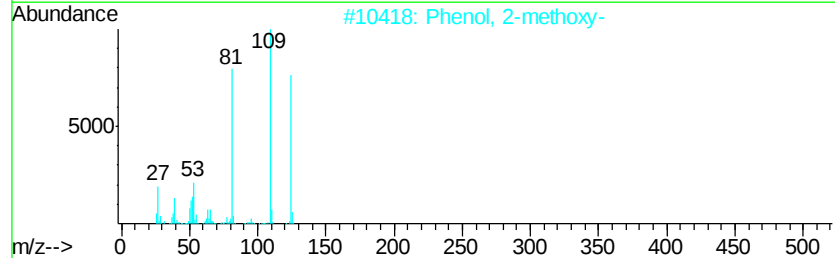
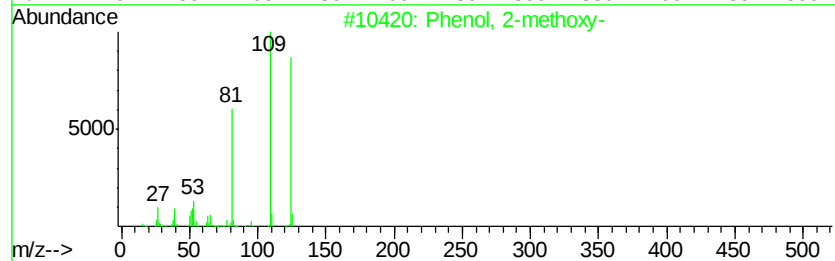
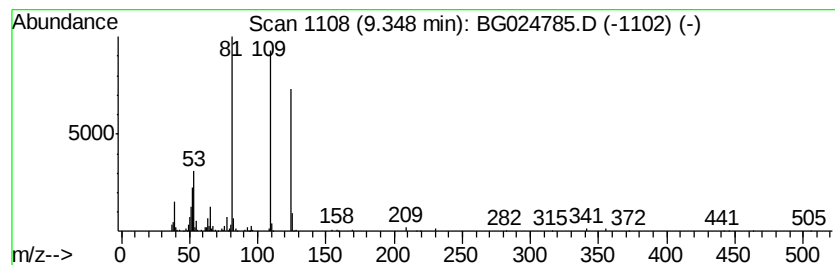
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	10.27 ng/ul	348750	1,4-Dichlorobenzene-d4	8.26

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	87
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	60
4		Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	58
5		Mequinol	124	C7H8O2	000150-76-5	53



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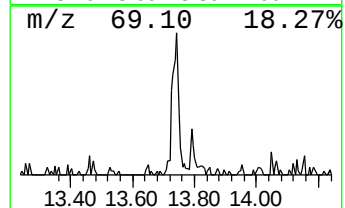
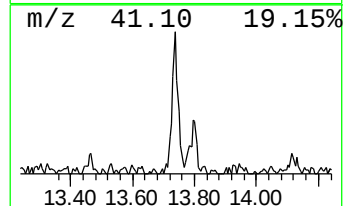
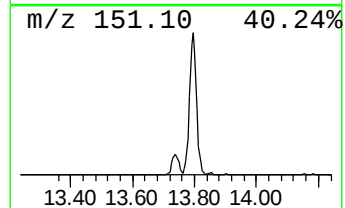
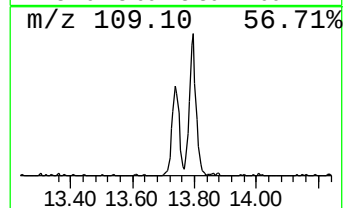
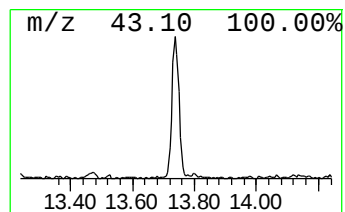
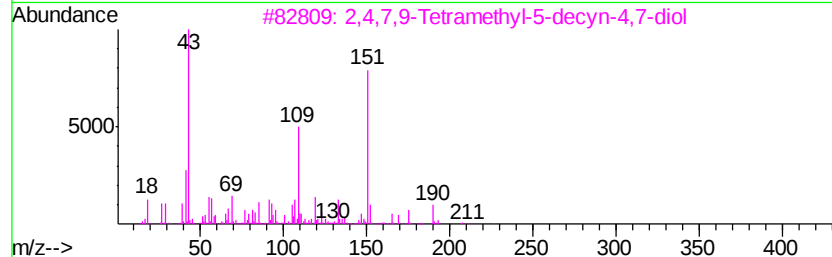
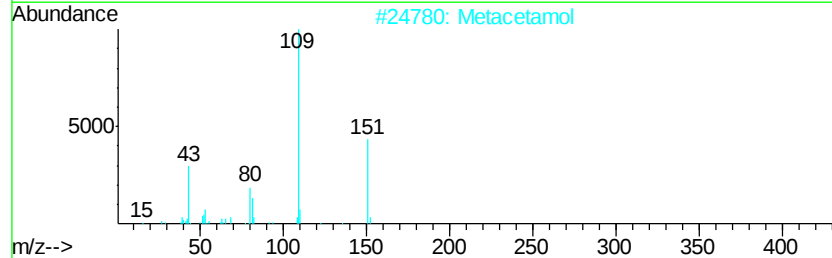
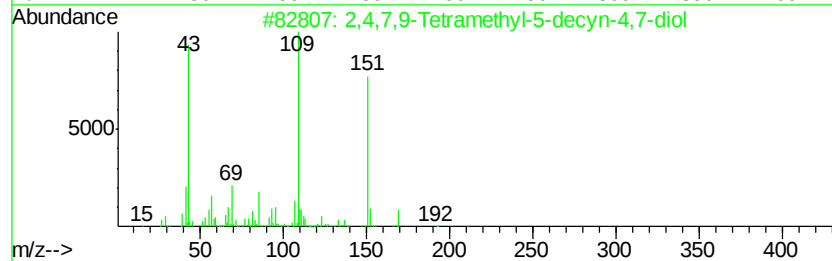
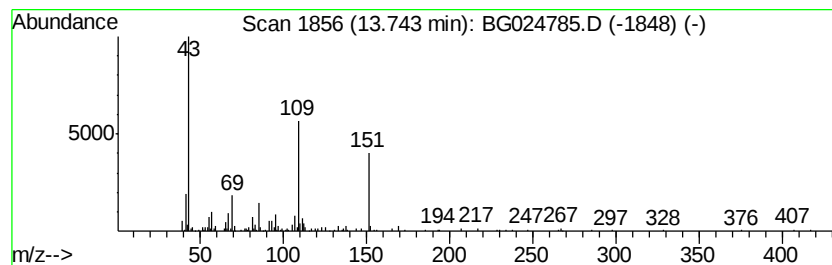
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.61 ng/ul	266622	Acenaphthene-d10	14.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	72		
2	Metacetamol	151	C8H9NO2	000621-42-1	50		
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50		
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	42		
5	N1,N4-Diacetyl sulphanilamide	256	C10H12N2O4S	005626-90-4	40		



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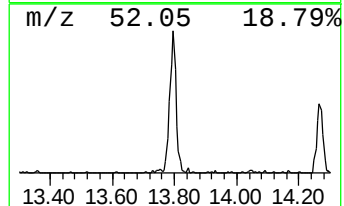
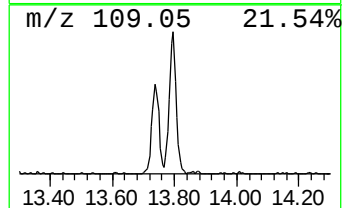
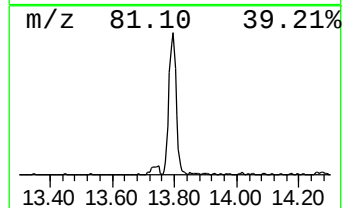
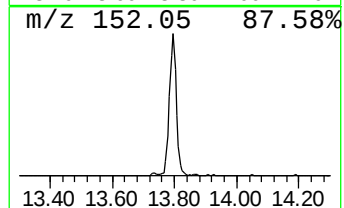
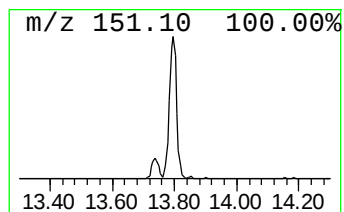
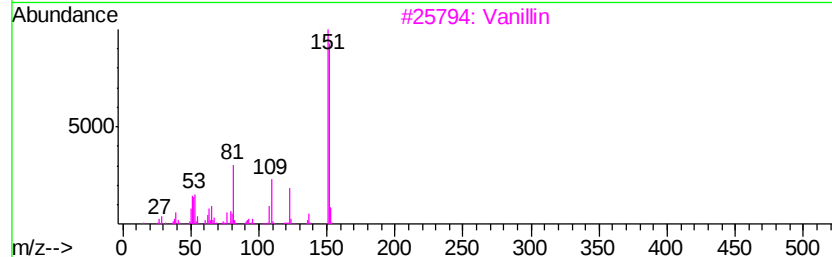
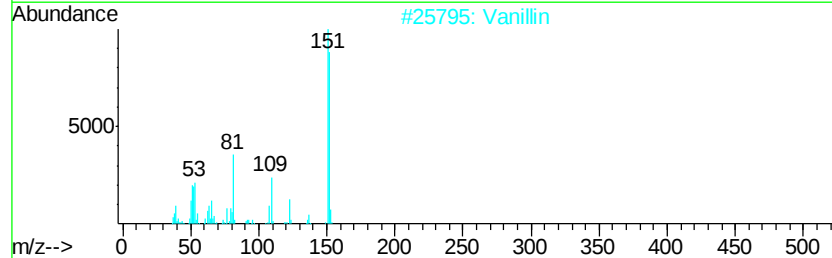
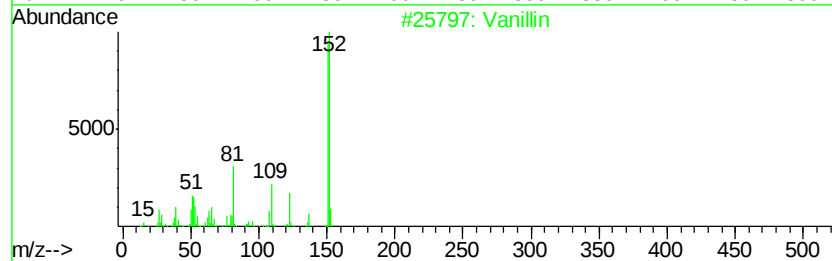
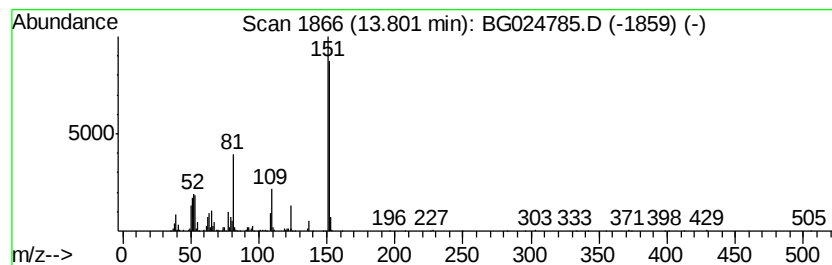
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Vanillin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.45 ng/ul	918311	Acenaphthene-d10	14.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vanillin	152	C8H8O3	000121-33-5	93
2		Vanillin	152	C8H8O3	000121-33-5	91
3		Vanillin	152	C8H8O3	000121-33-5	89
4		Vanillin, acetate	194	C10H10O4	000881-68-5	83
5		Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024785.D
Acq On : 15 Nov 2016 5:09
Operator : UM/SJ
Sample : H5626-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

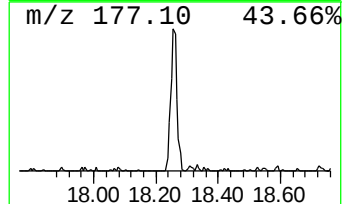
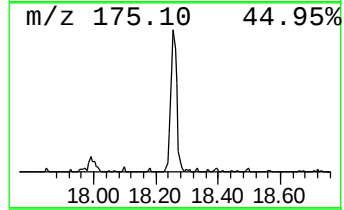
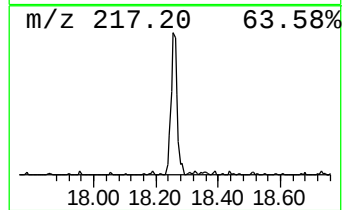
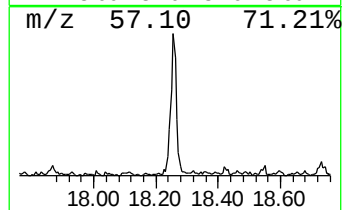
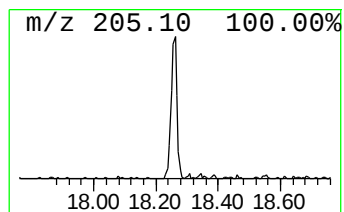
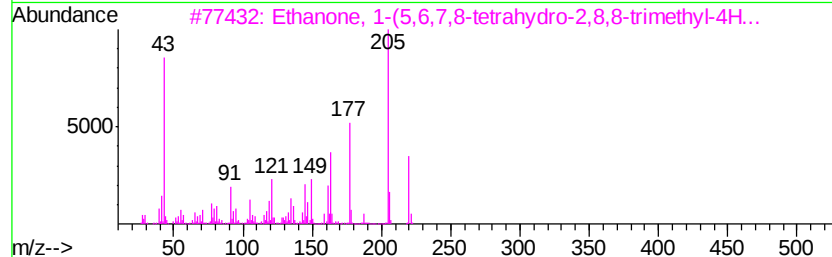
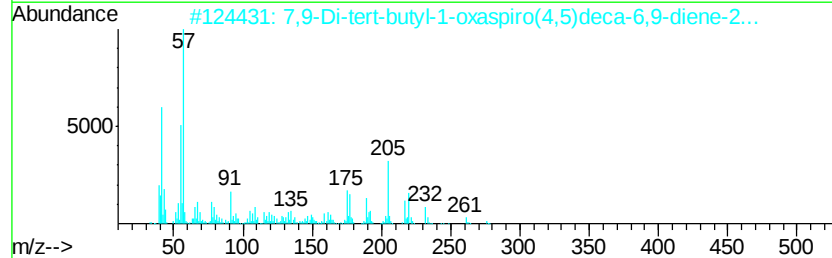
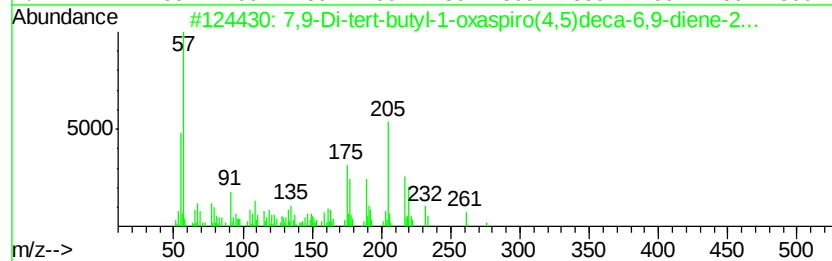
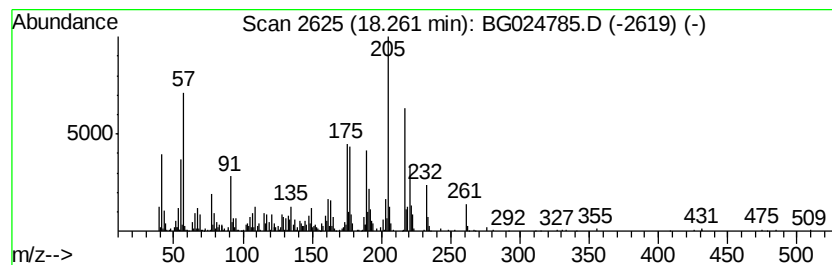
Instrument :
BNA_G
ClientSampleId :
F2J04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	5.89 ng/ul	613014	Phenanthrene-d10	17.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276 C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276 C17H24O3	082304-66-3	93
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220 C14H20O2	071596-88-8	64
4	Benzenamine, N,N-diethyl-4-(2-ni...	220 C12H16N2O2	064462-51-7	42
5	Butylated Hydroxytoluene	220 C15H24O	000128-37-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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-	9.35	10.3	ng/ul	348750	1	8.26	679203	20.0
2,4,7,9-Tetrameth...	13.74	3.6	ng/ul	266622	3	14.88	1475570	20.0
Vanillin	13.80	12.4	ng/ul	918311	3	14.88	1475570	20.0
7,9-Di-tert-butyl...	18.26	5.9	ng/ul	613014	4	17.62	2080430	20.0