

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028134.D
 Acq On : 3 Aug 2017 10:14
 Operator : SJ/JU
 Sample : I4405-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JJ2Y0

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	3.853	40	45	50	rVV4	3441	6147	0.51%	0.048%
2	3.900	50	53	56	rVB3	2612	3263	0.27%	0.025%
3	4.259	108	114	117	rBV4	1969	2987	0.25%	0.023%
4	4.359	124	131	135	rVB4	2475	3957	0.33%	0.031%
5	4.782	199	203	211	rVB6	2591	6283	0.52%	0.049%
6	4.934	224	229	238	rVB5	2248	6320	0.53%	0.049%
7	5.175	265	270	276	rVB5	2271	3534	0.29%	0.027%
8	5.369	296	303	306	rBV4	1847	3139	0.26%	0.024%
9	5.463	315	319	322	rBV3	2823	3293	0.27%	0.026%
10	5.551	327	334	335	rBV2	1763	3138	0.26%	0.024%
11	6.198	439	444	448	rVB3	1700	3204	0.27%	0.025%
12	6.380	467	475	478	rBV3	1894	3331	0.28%	0.026%
13	7.044	583	588	596	rVV	16068	27615	2.30%	0.215%
14	7.355	629	641	648	rBV4	22721	40250	3.36%	0.313%
15	7.443	653	656	660	rBV4	2574	3427	0.29%	0.027%
16	7.508	660	667	680	rVB2	100923	217425	18.13%	1.690%
17	7.678	688	696	704	rBV	67192	116059	9.68%	0.902%
18	7.737	704	706	712	rVB2	2221	4196	0.35%	0.033%
19	7.802	712	717	726	rBV5	6500	13451	1.12%	0.105%
20	7.896	726	733	747	rBV	98214	175909	14.67%	1.367%
21	8.366	805	813	826	rBV	175833	318821	26.59%	2.478%
22	8.577	840	849	854	rBV3	16779	28827	2.40%	0.224%
23	9.059	923	931	944	rVV	115189	226185	18.86%	1.758%
24	9.188	949	953	962	rVB3	4054	7393	0.62%	0.057%
25	9.529	1004	1011	1023	rVB2	100758	196209	16.36%	1.525%
26	9.746	1044	1048	1052	rVB3	2709	4313	0.36%	0.034%
27	10.052	1094	1100	1104	rBV4	1543	3369	0.28%	0.026%
28	10.258	1128	1135	1148	rVB2	84275	165511	13.80%	1.286%
29	10.475	1166	1172	1178	rVB4	2279	4193	0.35%	0.033%
30	10.587	1178	1191	1200	rVB	54662	104980	8.76%	0.816%
31	10.798	1218	1227	1237	rBV	130422	259507	21.64%	2.017%
32	10.863	1237	1238	1246	rVV3	2252	3703	0.31%	0.029%
33	10.945	1246	1252	1258	rVB4	6173	12130	1.01%	0.094%
34	11.115	1277	1281	1285	rVB3	3643	5838	0.49%	0.045%

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35	11.186	1285	1293	1307	rVB	288490	551842	46.02%	4.289%
36	11.315	1307	1315	1325	rBV2	69503	149387	12.46%	1.161%
37	11.380	1325	1326	1335	rVB5	3132	6539	0.55%	0.051%
38	11.744	1383	1388	1391	rBV	1798	3121	0.26%	0.024%
39	12.155	1455	1458	1462	rVB2	3023	3813	0.32%	0.030%
40	12.508	1507	1518	1523	rBV3	54601	93000	7.76%	0.723%
41	12.549	1523	1525	1532	rVB3	4808	5526	0.46%	0.043%
42	12.631	1534	1539	1544	rBV3	2589	6095	0.51%	0.047%
43	12.743	1549	1558	1565	rVB6	2594	6486	0.54%	0.050%
44	12.813	1565	1570	1578	rBV4	10537	17507	1.46%	0.136%
45	13.037	1602	1608	1613	rBV	5723	10290	0.86%	0.080%
46	13.489	1679	1685	1691	rVV4	2432	5976	0.50%	0.046%
47	13.566	1691	1698	1706	rVB5	3232	8048	0.67%	0.063%
48	13.765	1725	1732	1735	rBV2	7576	11217	0.94%	0.087%
49	13.806	1735	1739	1745	rVV6	3772	7913	0.66%	0.061%
50	13.895	1750	1754	1758	rBV5	3013	4518	0.38%	0.035%
51	13.942	1758	1762	1765	rVB2	2164	3148	0.26%	0.024%
52	14.130	1786	1794	1803	rVB9	5649	14257	1.19%	0.111%
53	14.241	1806	1813	1817	rBV6	4259	7461	0.62%	0.058%
54	14.288	1817	1821	1826	rBV4	5677	11046	0.92%	0.086%
55	14.359	1826	1833	1837	rBV	294418	436629	36.41%	3.393%
56	14.406	1838	1841	1850	rVB	81864	110028	9.18%	0.855%
57	14.523	1854	1861	1864	rBV6	3520	6275	0.52%	0.049%
58	14.605	1868	1875	1877	rBV5	3653	5630	0.47%	0.044%
59	14.664	1877	1885	1894	rVV	302169	500063	41.70%	3.886%
60	14.752	1894	1900	1905	rVV8	3223	9090	0.76%	0.071%
61	14.829	1905	1913	1917	rVB3	11967	21756	1.81%	0.169%
62	14.970	1924	1937	1947	rBV2	469621	790202	65.90%	6.141%
63	15.164	1963	1970	1983	rBV3	44309	116179	9.69%	0.903%
64	15.316	1993	1996	1999	rBV5	7469	9116	0.76%	0.071%
65	15.358	1999	2003	2011	rVB5	5527	13848	1.15%	0.108%
66	15.434	2011	2016	2022	rVB8	4739	10327	0.86%	0.080%
67	15.481	2022	2024	2027	rBV4	3427	4258	0.36%	0.033%
68	15.575	2037	2040	2045	rBV7	3560	7285	0.61%	0.057%
69	15.692	2055	2060	2063	rBV4	10256	15845	1.32%	0.123%
70	15.775	2065	2074	2080	rVB2	20387	39052	3.26%	0.304%
71	15.845	2080	2086	2089	rVB7	3828	5910	0.49%	0.046%

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72	15.875	2089	2091	2095	rBV5	3593	4246	0.35%	0.033%
73	15.957	2095	2105	2114	rBV	412039	660708	55.10%	5.135%
74	16.068	2115	2124	2133	rBV2	86747	144545	12.05%	1.123%
75	16.186	2138	2144	2150	rBV9	10080	21069	1.76%	0.164%
76	16.268	2156	2158	2161	rVB4	3821	3268	0.27%	0.025%
77	16.345	2163	2171	2172	rBV8	4472	9196	0.77%	0.071%
78	16.474	2191	2193	2195	rBV3	6513	6501	0.54%	0.051%
79	16.574	2208	2210	2215	rVB5	6175	9771	0.81%	0.076%
80	16.633	2215	2220	2232	rBV	30106	83563	6.97%	0.649%
81	16.762	2241	2242	2245	rBV3	4614	3964	0.33%	0.031%
82	16.797	2246	2248	2251	rBV3	5446	5252	0.44%	0.041%
83	16.873	2258	2261	2263	rBV4	5923	6493	0.54%	0.050%
84	16.926	2266	2270	2272	rVB5	7125	8480	0.71%	0.066%
85	16.973	2275	2278	2279	rBV3	6002	5321	0.44%	0.041%
86	17.097	2293	2299	2304	rBV9	10287	24730	2.06%	0.192%
87	17.214	2315	2319	2321	rBV5	9597	11742	0.98%	0.091%
88	17.432	2352	2356	2361	rBV5	20084	25324	2.11%	0.197%
89	17.479	2362	2364	2366	rBV3	9922	10356	0.86%	0.080%
90	17.720	2398	2405	2415	rBV2	559585	923806	77.04%	7.180%
91	17.819	2415	2422	2429	rBV	409458	646767	53.94%	5.027%
92	18.172	2479	2482	2486	rBV6	17860	28537	2.38%	0.222%
93	18.577	2545	2551	2558	rBV4	161967	303785	25.34%	2.361%
94	19.077	2631	2636	2641	rBV9	36570	84992	7.09%	0.661%
95	19.841	2761	2766	2772	rBV3	170276	319974	26.69%	2.487%
96	20.093	2804	2809	2815	rBV	515457	801814	66.87%	6.232%
97	21.897	3112	3116	3123	rVB	407154	647242	53.98%	5.030%
98	22.061	3138	3144	3153	rVB	632164	1199050	100.00%	9.319%
99	25.346	3696	3703	3710	rBV2	261369	673172	56.14%	5.232%
100	25.598	3739	3746	3759	rVB2	362828	1176518	98.12%	9.144%

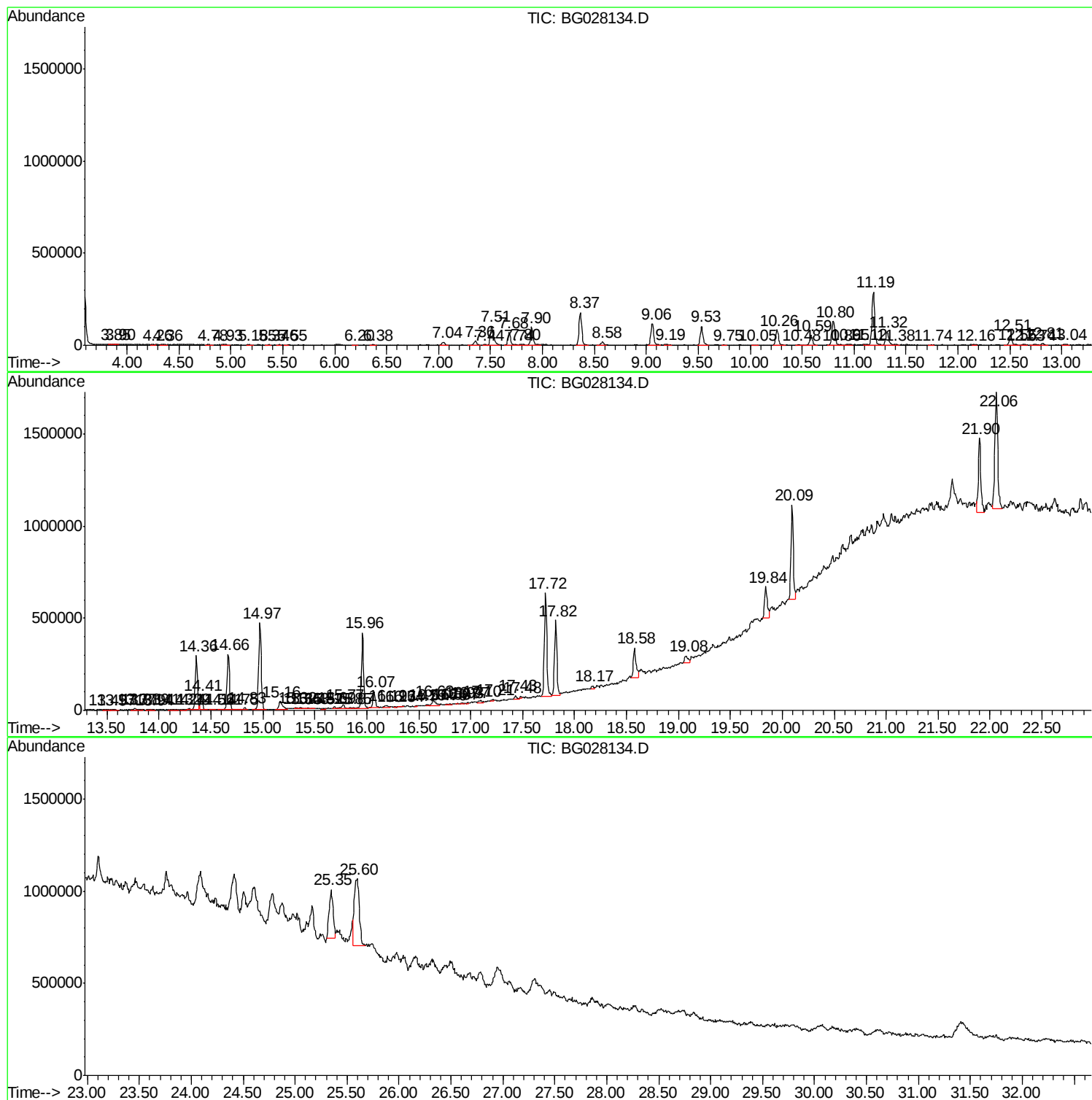
Sum of corrected areas: 12866776

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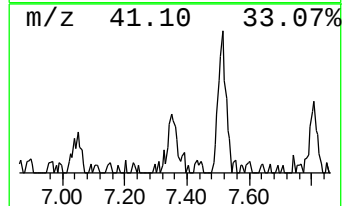
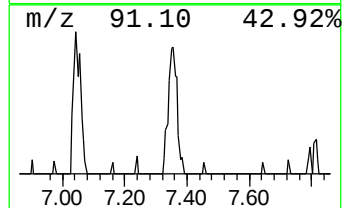
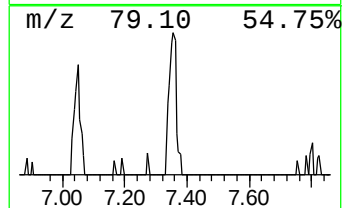
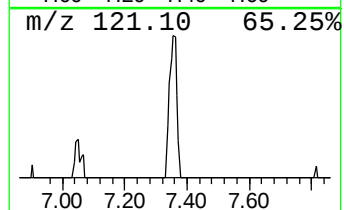
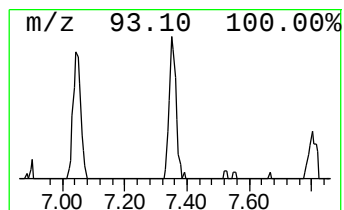
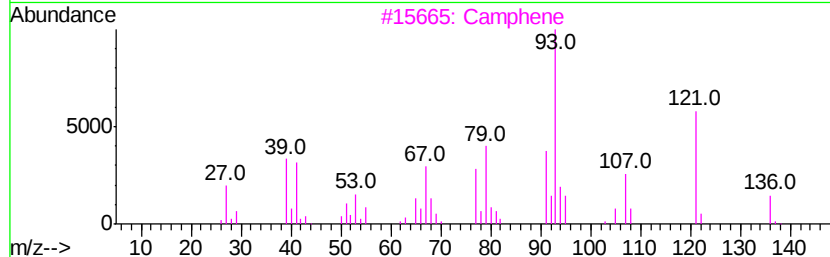
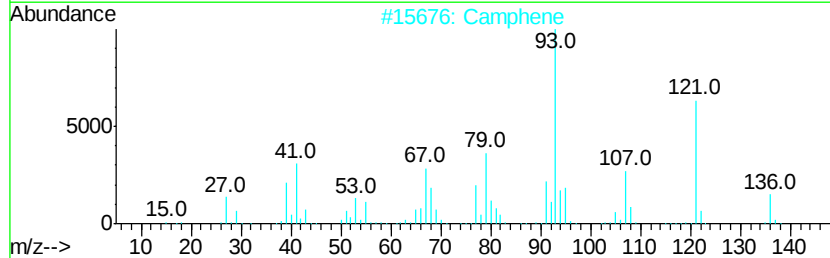
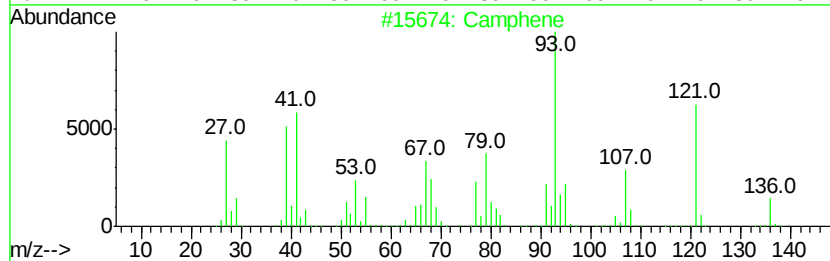
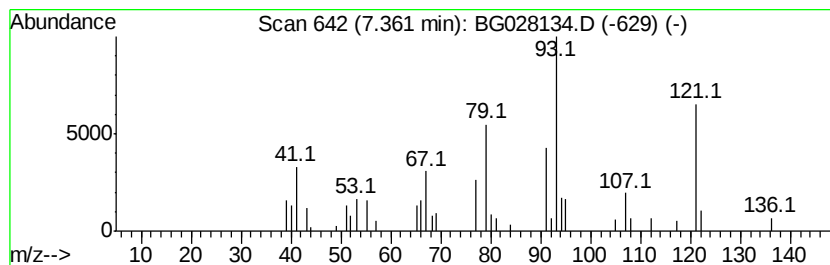
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	2.52 ng/ul	40250	1,4-Dichlorobenzene-d4	8.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	93
2		Camphene	136	C10H16	000079-92-5	83
3		Camphene	136	C10H16	000079-92-5	81
4		Cyclopentene, 4-ethenyl-1,5,5-tr...	136	C10H16	001727-69-1	64
5		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	64



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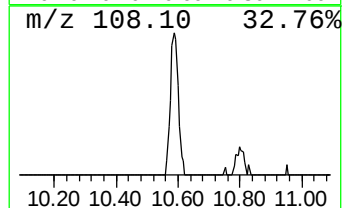
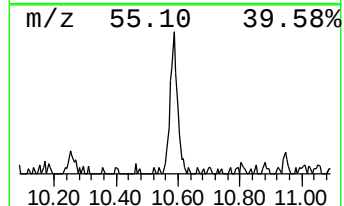
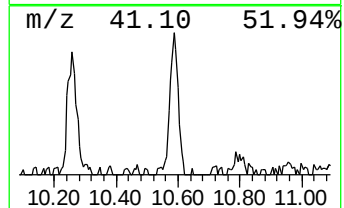
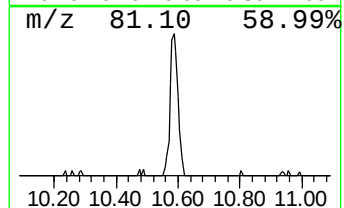
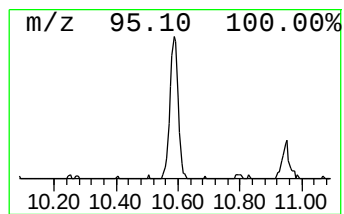
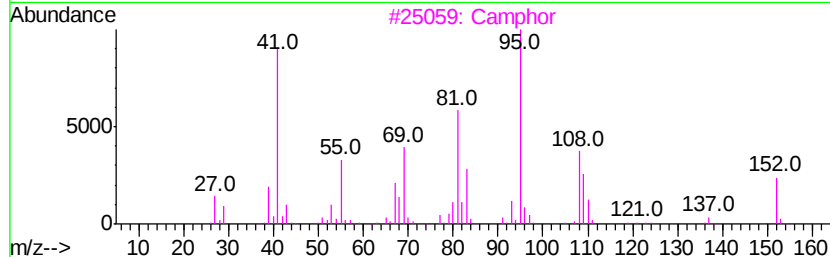
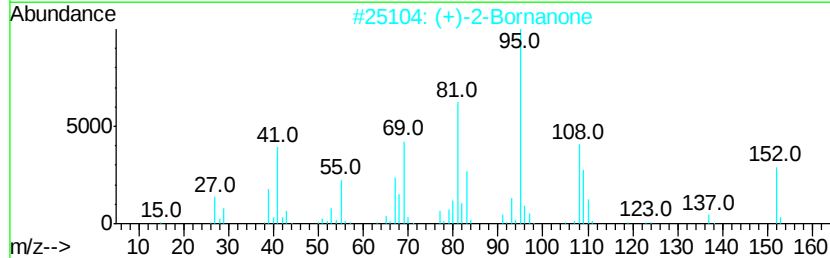
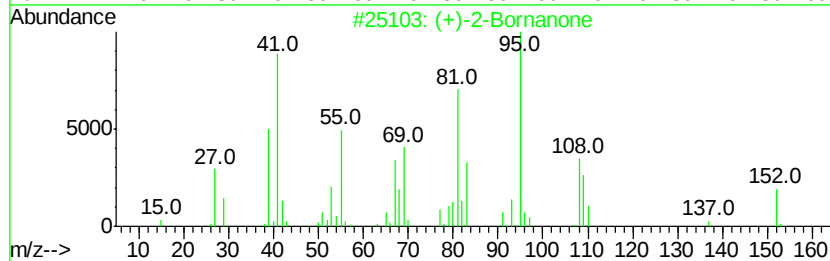
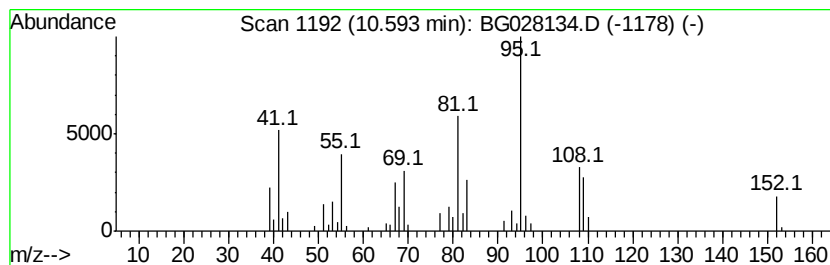
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Peak Number 2 Camphor Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.80 ng/ul	104980	Napthalene-d8	11.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(+)-2-Bornanone	152 C10H16O	000464-49-3	95
2	(+)-2-Bornanone	152 C10H16O	000464-49-3	87
3	Camphor	152 C10H16O	000076-22-2	87
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	76
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	70



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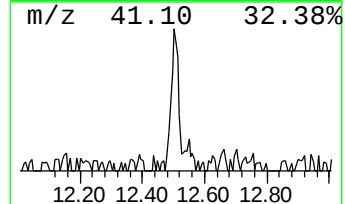
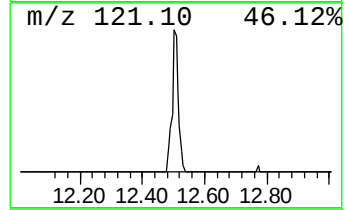
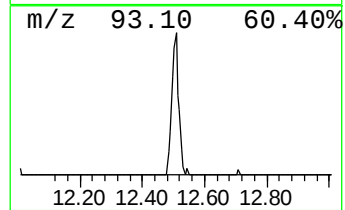
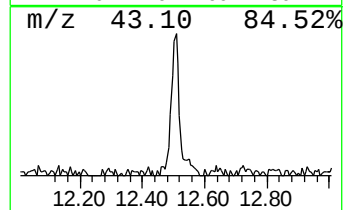
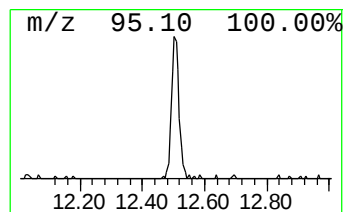
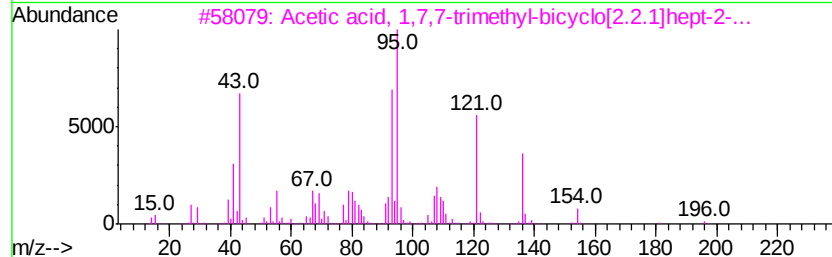
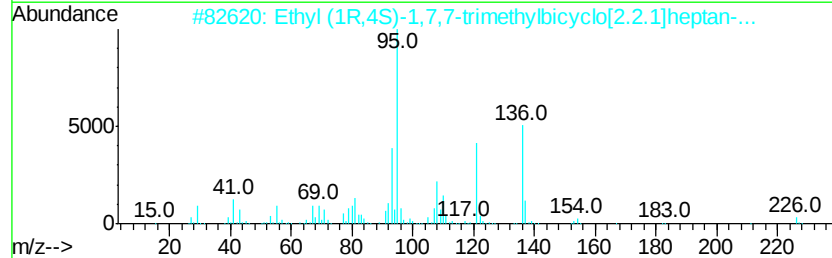
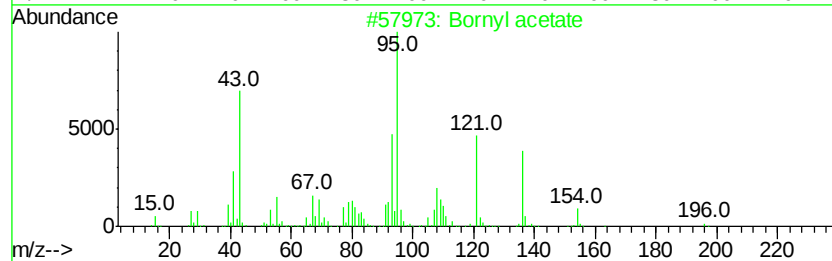
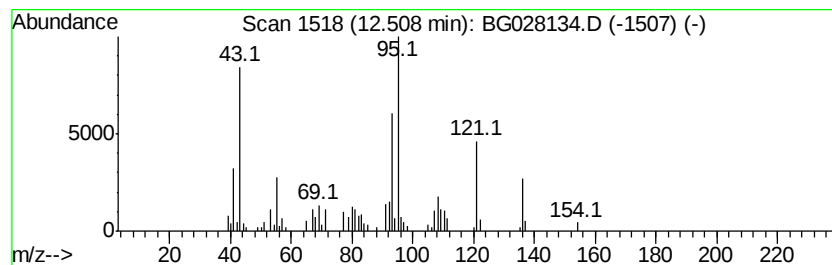
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Peak Number 3 Bornyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.37 ng/ul	93000	Napthalene-d8	11.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Bornyl acetate	196 C12H20O2	000076-49-3	90
2	Ethyl (1R,4S)-1,7,7-trimethylbic...	226 C13H22O3	1000373-77-2	80
3	Acetic acid, 1,7,7-trimethyl-bic...	196 C12H20O2	092618-89-8	72
4	Acetic acid, 1,7,7-trimethyl-bic...	196 C12H20O2	092618-89-8	72
5	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	182 C11H18O2	007492-41-3	59



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Acq On : 3 Aug 2017 10:14
Operator : SJ/JU
Sample : I4405-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2Y0

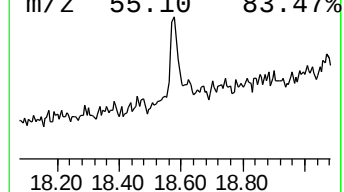
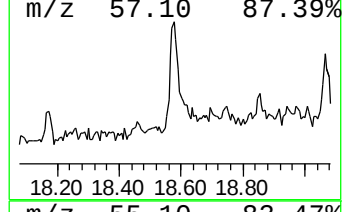
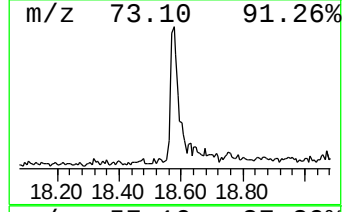
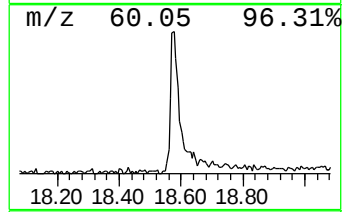
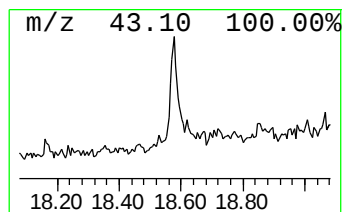
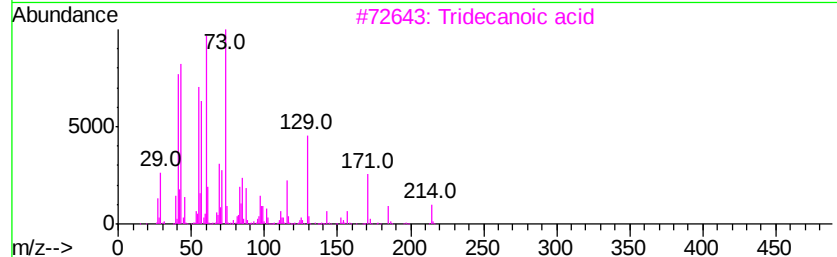
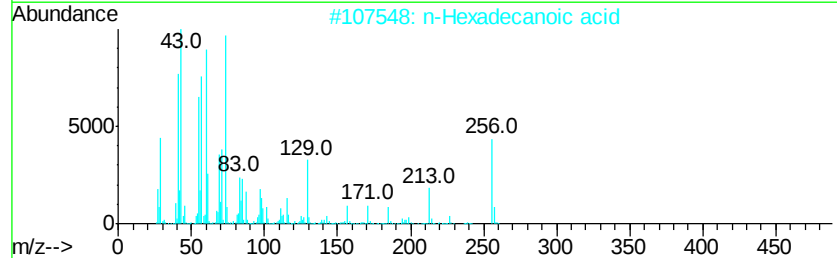
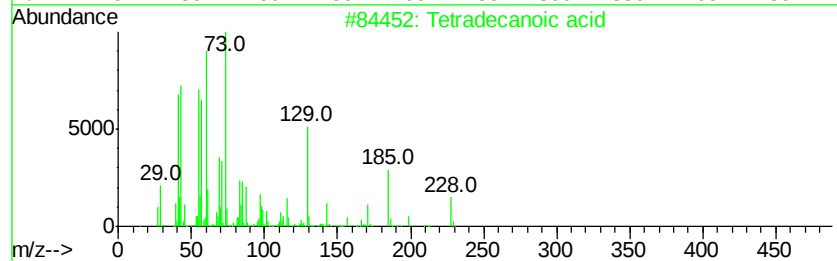
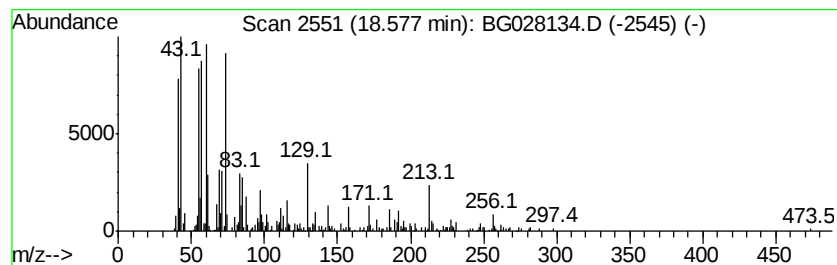
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	6.58 ng/ul	303785	Phenanthrene-d10	17.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	74



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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2Y0

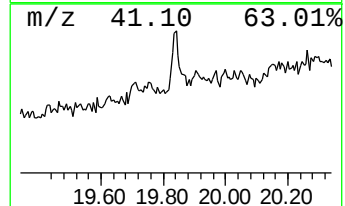
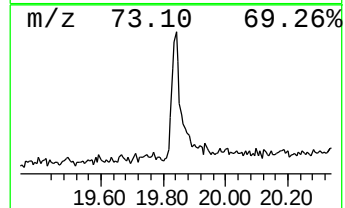
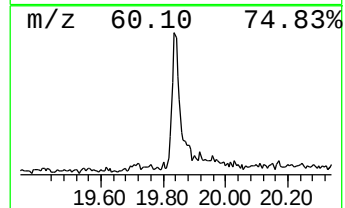
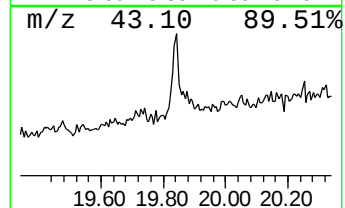
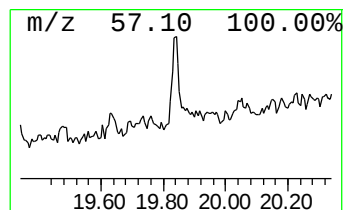
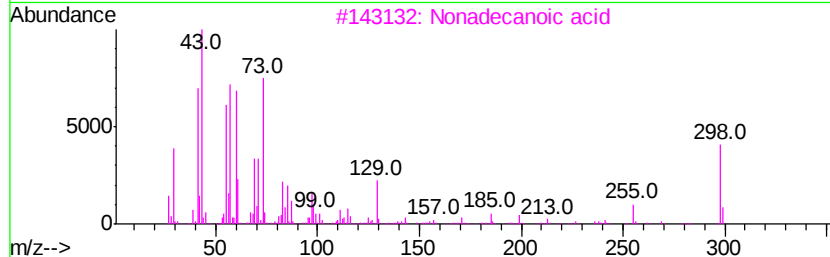
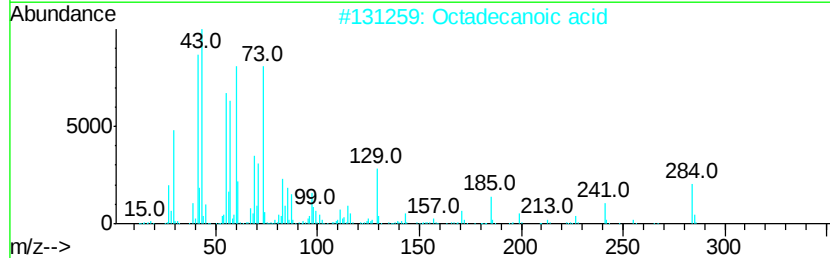
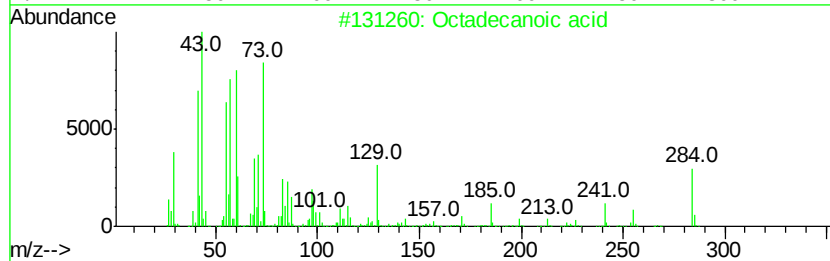
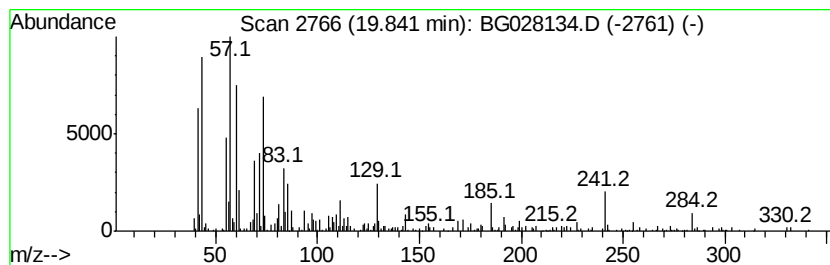
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	6.93 ng/ul	319974	Phenanthrene-d10	17.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	76
3			Nonadecanoic acid	298	C19H38O2	000646-30-0	68
4			Octadecanoic acid	284	C18H36O2	000057-11-4	53
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	42



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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2Y0

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
Camphene	7.36	2.5	ng/ul	40250	1	8.37	318821	20.0
Camphor	10.59	3.8	ng/ul	104980	2	11.19	551842	20.0
Bornyl acetate	12.51	3.4	ng/ul	93000	2	11.19	551842	20.0
Tetradecanoic acid	18.58	6.6	ng/ul	303785	4	17.72	923806	20.0
Octadecanoic acid	19.84	6.9	ng/ul	319974	4	17.72	923806	20.0