

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
 Data File : BG020479.D
 Acq On : 24 Dec 2015 19:08
 Operator : UM/SJ
 Sample : G4803-02RX
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04C2RX

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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	3.099	38	44	53	rBV	34539	70821	10.18%	1.124%
2	3.176	53	57	66	rVB	35549	56047	8.05%	0.890%
3	5.161	390	395	399	rVB3	1389	1854	0.27%	0.029%
4	5.702	482	487	494	rBV4	1294	2353	0.34%	0.037%
5	6.066	543	549	553	rBV4	1949	2907	0.42%	0.046%
6	7.236	743	748	753	rBV2	15194	26149	3.76%	0.415%
7	7.283	753	756	761	rVB3	2475	4747	0.68%	0.075%
8	7.394	769	775	784	rBV	55910	95538	13.73%	1.517%
9	7.606	805	811	820	rVV	63197	108314	15.57%	1.720%
10	8.076	884	891	898	rBV	59191	98174	14.11%	1.559%
11	8.787	1005	1012	1019	rBV	52387	90009	12.93%	1.429%
12	9.245	1083	1090	1100	rBV	77658	138263	19.87%	2.195%
13	9.968	1205	1213	1221	rBV	68140	123001	17.68%	1.953%
14	10.261	1260	1263	1270	rVB3	1620	3260	0.47%	0.052%
15	10.432	1288	1292	1299	rBB2	1019	1848	0.27%	0.029%
16	10.514	1299	1306	1316	rBV	102109	183031	26.30%	2.906%
17	10.778	1335	1351	1359	rBV4	18941	54019	7.76%	0.858%
18	10.896	1364	1371	1383	rVB	102403	197293	28.35%	3.132%
19	11.037	1390	1395	1400	rBV3	1715	3411	0.49%	0.054%
20	11.125	1407	1410	1413	rBV	1255	1663	0.24%	0.026%
21	11.313	1438	1442	1443	rBV	2344	2463	0.35%	0.039%
22	11.448	1460	1465	1467	rVV2	1513	2689	0.39%	0.043%
23	11.483	1469	1471	1475	rVV2	1135	1868	0.27%	0.030%
24	11.531	1475	1479	1484	rVB3	1875	3598	0.52%	0.057%
25	11.601	1484	1491	1499	rBV3	9241	18702	2.69%	0.297%
26	11.742	1508	1515	1516	rBV4	2001	3241	0.47%	0.051%
27	11.789	1519	1523	1524	rVV3	2223	2854	0.41%	0.045%
28	11.807	1524	1526	1531	rVV4	2736	4154	0.60%	0.066%
29	11.871	1533	1537	1543	rVV2	2288	4576	0.66%	0.073%
30	12.077	1568	1572	1574	rBV2	1770	2409	0.35%	0.038%
31	12.224	1589	1597	1601	rBV	9575	17991	2.59%	0.286%
32	12.324	1608	1614	1616	rBV4	4242	8281	1.19%	0.131%
33	12.412	1627	1629	1633	rVB3	2248	2976	0.43%	0.047%
34	12.488	1633	1642	1646	rBV4	3076	6622	0.95%	0.105%

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35	12.547	1646	1652	1657	rVV5	3111	5739	0.82%	0.091%
36	12.600	1657	1661	1664	rVV5	1720	2710	0.39%	0.043%
37	12.641	1664	1668	1674	rVB5	5031	8092	1.16%	0.128%
38	12.805	1694	1696	1701	rVV2	2055	3538	0.51%	0.056%
39	12.917	1711	1715	1718	rVB2	1328	1885	0.27%	0.030%
40	13.005	1728	1730	1731	rVV	2680	2105	0.30%	0.033%
41	13.023	1731	1733	1738	rVB4	2055	2661	0.38%	0.042%
42	13.093	1741	1745	1748	rVB3	1832	2732	0.39%	0.043%
43	13.205	1762	1764	1769	rVV4	1557	2002	0.29%	0.032%
44	13.311	1778	1782	1784	rVB4	1492	1837	0.26%	0.029%
45	13.370	1788	1792	1794	rBV2	2944	3981	0.57%	0.063%
46	13.493	1808	1813	1820	rVB8	3126	6684	0.96%	0.106%
47	13.640	1834	1838	1847	rVV7	4196	8235	1.18%	0.131%
48	13.716	1847	1851	1854	rBV5	1374	2074	0.30%	0.033%
49	13.763	1855	1859	1862	rVB4	3530	4946	0.71%	0.079%
50	13.934	1883	1888	1890	rBV4	2230	2790	0.40%	0.044%
51	13.969	1890	1894	1898	rVB5	1968	3738	0.54%	0.059%
52	14.022	1898	1903	1904	rBV3	1676	2445	0.35%	0.039%
53	14.110	1912	1918	1925	rVB	218740	313880	45.11%	4.983%
54	14.315	1951	1953	1956	rBV2	1672	2046	0.29%	0.032%
55	14.404	1962	1968	1976	rVV	229162	363184	52.19%	5.766%
56	14.509	1983	1986	1988	rBV4	1582	1712	0.25%	0.027%
57	14.621	2001	2005	2008	rBV4	2448	4074	0.59%	0.065%
58	14.709	2014	2020	2027	rVB3	145564	237605	34.15%	3.772%
59	14.774	2027	2031	2035	rVB2	3614	5581	0.80%	0.089%
60	14.921	2051	2056	2064	rBV3	14116	28337	4.07%	0.450%
61	15.079	2077	2083	2085	rVV5	3382	5589	0.80%	0.089%
62	15.185	2096	2101	2103	rBV6	4347	6227	0.89%	0.099%
63	15.256	2108	2113	2117	rVB7	2988	5654	0.81%	0.090%
64	15.320	2120	2124	2125	rBV4	2634	2651	0.38%	0.042%
65	15.426	2140	2142	2144	rBV2	2423	2512	0.36%	0.040%
66	15.502	2150	2155	2164	rVB5	14836	28186	4.05%	0.448%
67	15.590	2168	2170	2173	rVB4	2075	2238	0.32%	0.036%
68	15.614	2173	2174	2177	rBV3	2145	1706	0.25%	0.027%
69	15.702	2182	2189	2198	rBV	319308	486924	69.97%	7.731%
70	15.814	2202	2208	2220	rBV	107220	172858	24.84%	2.744%
71	15.943	2226	2230	2234	rBV5	4666	6700	0.96%	0.106%

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72	16.143	2260	2264	2267	rBV4	1477	2405	0.35%	0.038%
73	16.207	2271	2275	2276	rBV4	2013	2243	0.32%	0.036%
74	16.243	2279	2281	2282	rVB2	2833	1702	0.24%	0.027%
75	16.525	2326	2329	2333	rVV5	1768	2283	0.33%	0.036%
76	16.578	2335	2338	2343	rVV4	3748	5411	0.78%	0.086%
77	16.701	2357	2359	2360	rBV3	2587	2296	0.33%	0.036%
78	16.777	2370	2372	2378	rVB5	3854	6875	0.99%	0.109%
79	16.830	2378	2381	2382	rBV2	2858	3083	0.44%	0.049%
80	16.954	2400	2402	2405	rBV4	2305	2627	0.38%	0.042%
81	17.030	2410	2415	2421	rBV6	19084	34573	4.97%	0.549%
82	17.194	2440	2443	2448	rBV6	3017	6933	1.00%	0.110%
83	17.236	2448	2450	2455	rVB6	4262	5208	0.75%	0.083%
84	17.453	2481	2487	2495	rBV2	205317	320943	46.12%	5.096%
85	17.553	2498	2504	2514	rVB2	352498	542395	77.95%	8.611%
86	17.717	2531	2532	2535	rVB3	3487	2266	0.33%	0.036%
87	17.870	2555	2558	2559	rBV3	3138	3040	0.44%	0.048%
88	18.052	2586	2589	2593	rBV6	5258	7322	1.05%	0.116%
89	18.158	2606	2607	2608	rBV	4420	2370	0.34%	0.038%
90	18.234	2618	2620	2621	rBV2	2843	1725	0.25%	0.027%
91	18.622	2682	2686	2690	rBV3	16108	22034	3.17%	0.350%
92	18.957	2741	2743	2744	rBV2	3806	2743	0.39%	0.044%
93	19.838	2887	2893	2905	rBV	476881	685622	98.53%	10.885%
94	21.730	3209	3215	3222	rVB	253950	415988	59.78%	6.605%
95	24.180	3630	3632	3633	rBV2	4457	3200	0.46%	0.051%
96	24.774	3723	3733	3744	rVB	252533	695858	100.00%	11.048%
97	24.991	3760	3770	3783	rVB2	141548	420093	60.37%	6.670%
98	26.895	4092	4094	4096	rBV3	2848	1795	0.26%	0.028%
99	29.233	4490	4492	4494	rVB2	2930	1898	0.27%	0.030%
100	31.014	4793	4795	4796	rBV2	3277	2606	0.37%	0.041%

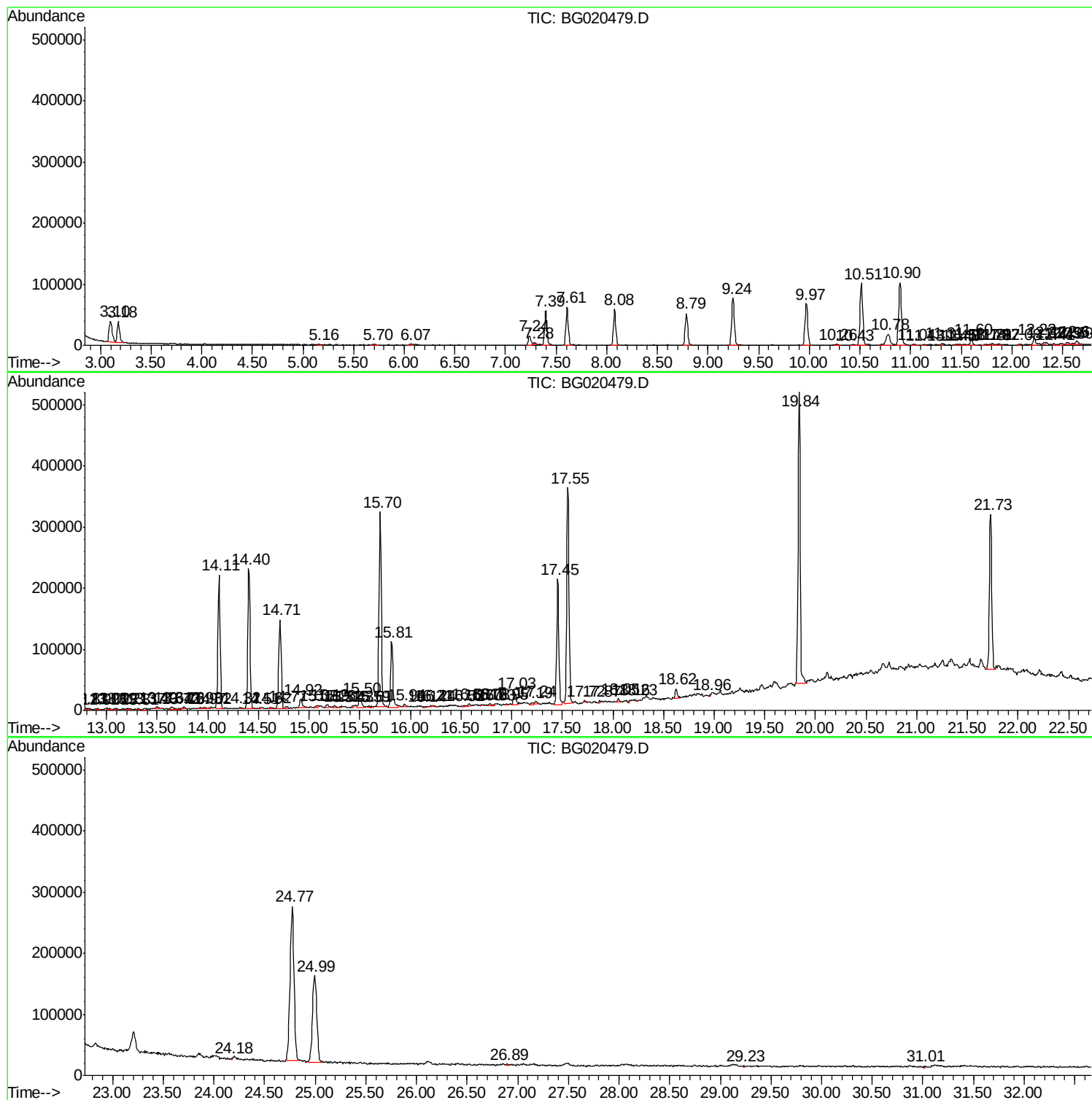
Sum of corrected areas: 6298521

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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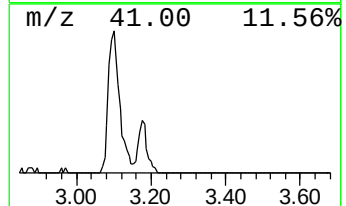
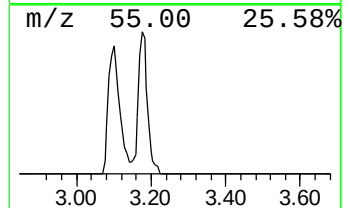
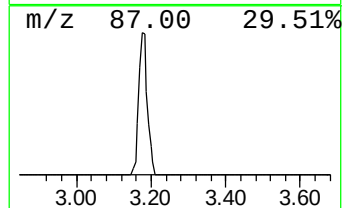
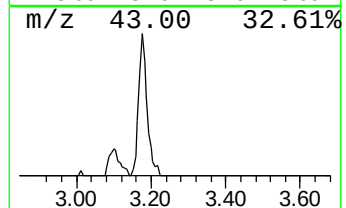
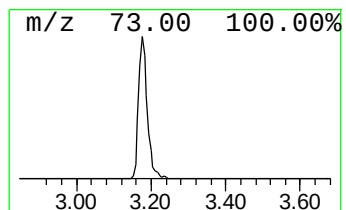
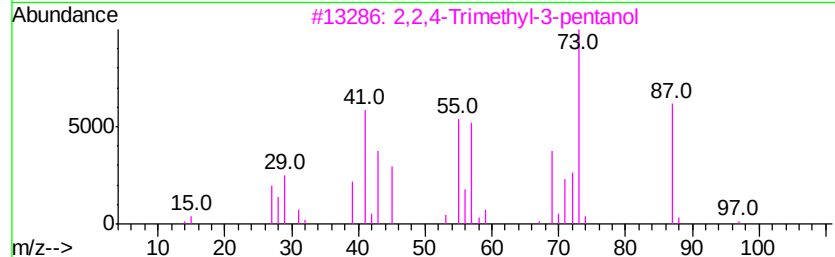
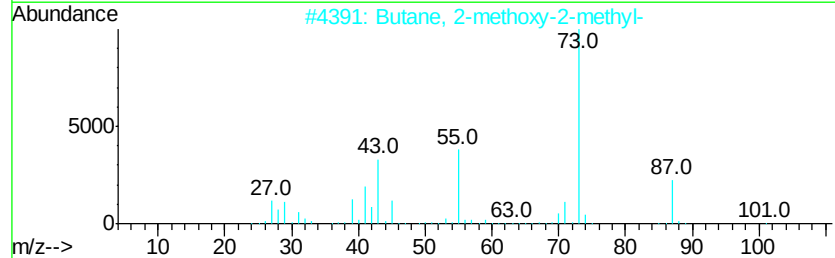
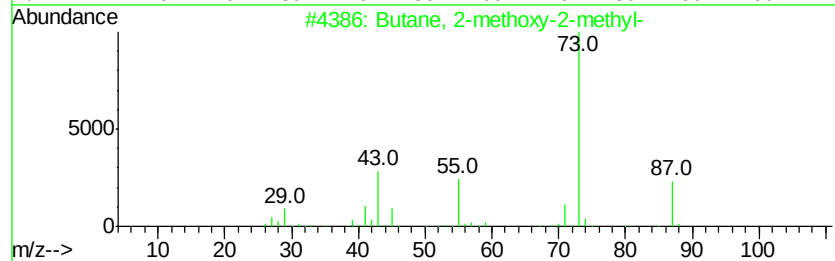
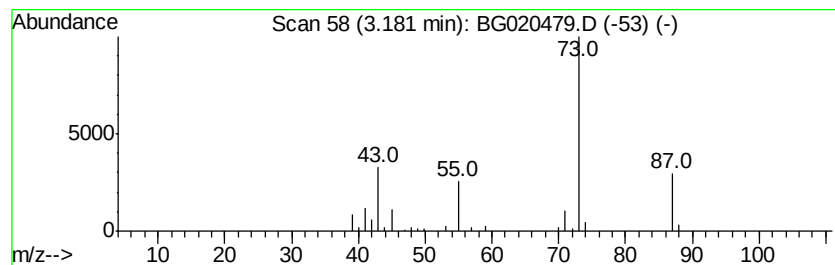
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	11.42 ng/ul	56047	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23



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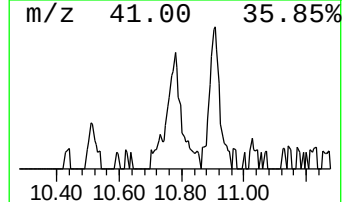
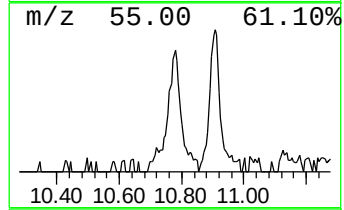
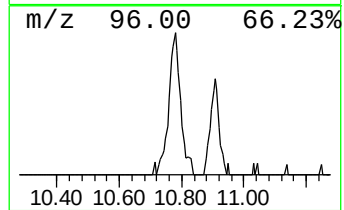
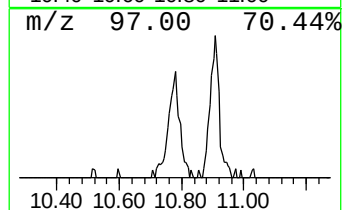
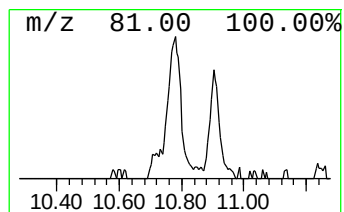
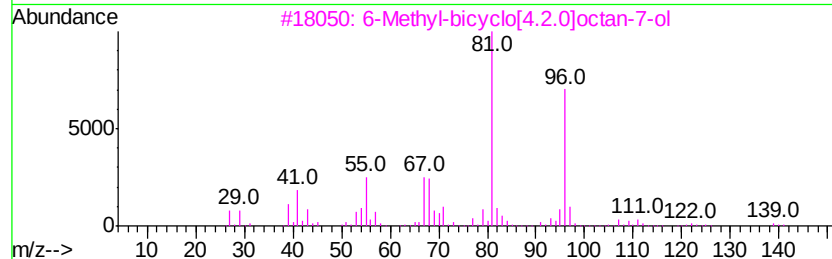
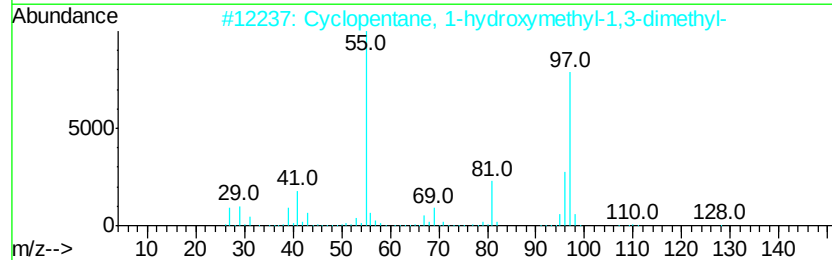
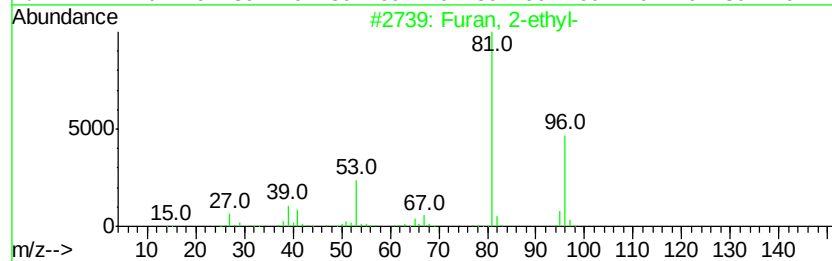
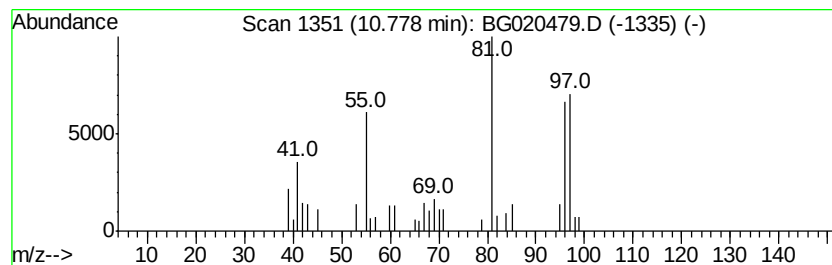
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.48 ng/ul	54019	Naphthalene-d8	10.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	49
2		Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	47
3		6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	47
4		Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	40
5		1-Methyl-2-trifluoroacetoxycyclo...	210	C9H13F3O2	1000216-63-9	40



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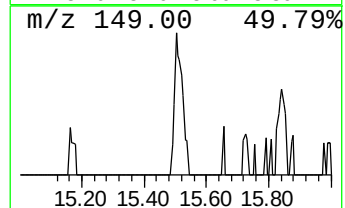
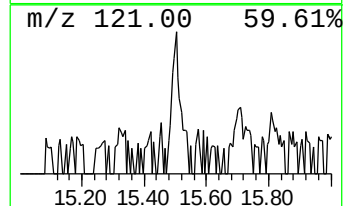
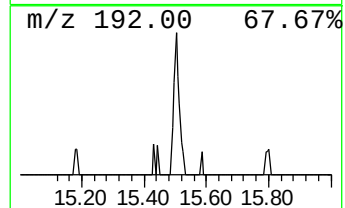
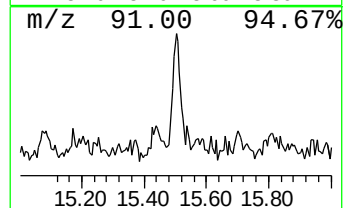
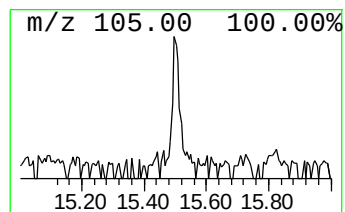
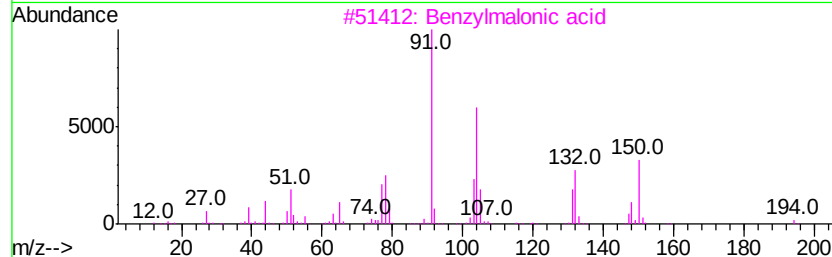
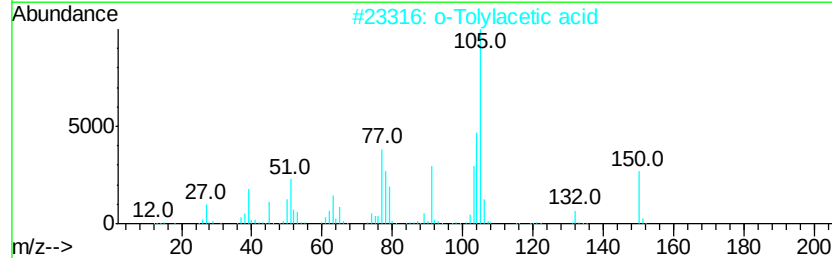
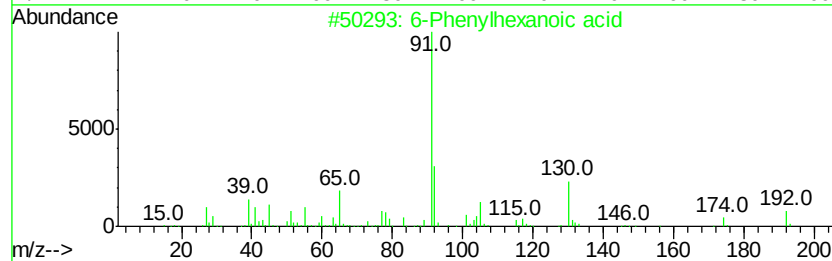
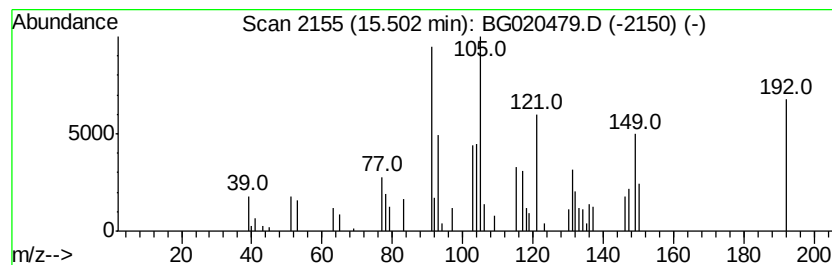
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.37 ng/ul	28186	Acenaphthene-d10	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Phenylhexanoic acid	192	C12H16O2	005581-75-9	35
2		o-Tolylacetic acid	150	C9H10O2	000644-36-0	25
3		Benzylmalonic acid	194	C10H10O4	000616-75-1	22
4		Tricyclo[3.3.2.0(2,8)]deca-3,6-d...	132	C10H12	000768-46-7	14
5		Indan-1,2-dione, 4-methyl-	160	C10H8O2	1000129-65-4	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020479.D
Acq On : 24 Dec 2015 19:08
Operator : UM/SJ
Sample : G4803-02RX
Misc :
ALS Vial : 7 Sample Multiplier: 1

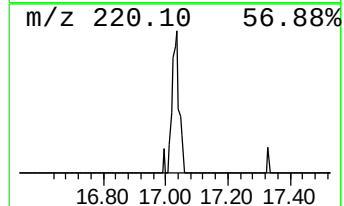
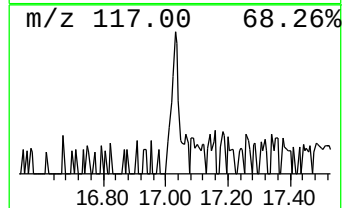
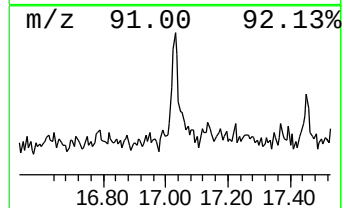
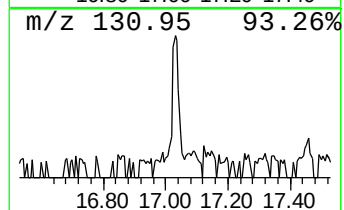
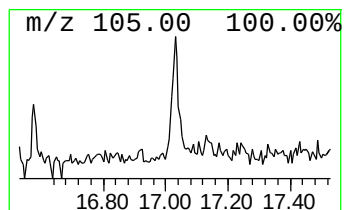
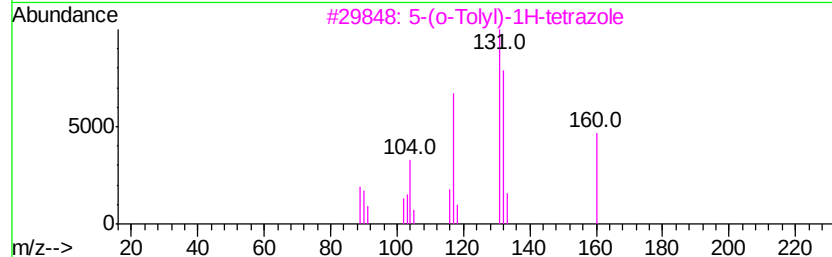
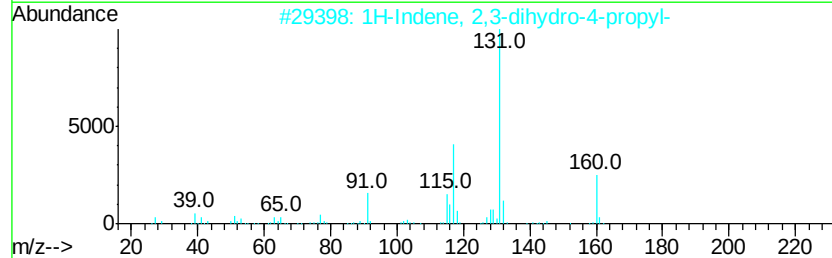
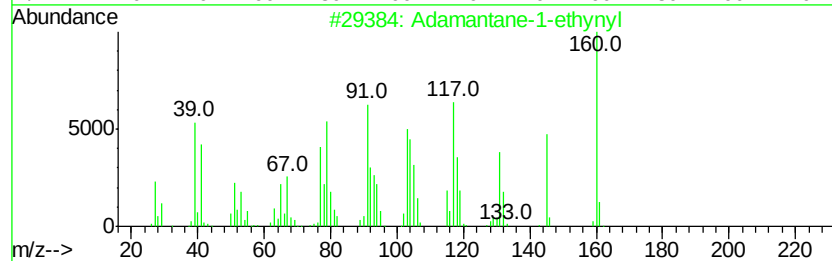
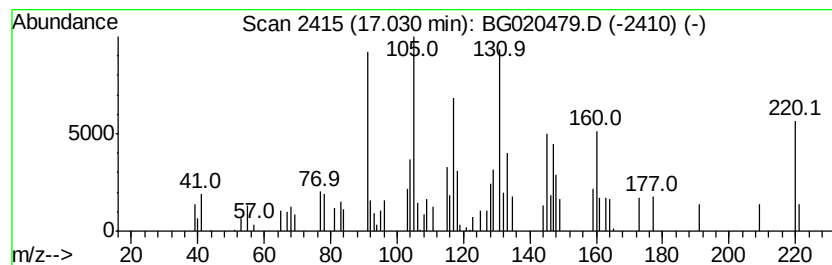
Instrument :
BNA_G
ClientSampleId :
C04C2RX

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.03	2.15 ng/ul	34573	Phenanthrene-d10	17.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-ethynyl	160	C12H16	040430-66-8	38
2	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	38
3	5-(o-Tolyl)-1H-tetrazole	160	C8H8N4	051449-86-6	35
4	Quinoxaline, 2-methyl-, 4-oxide	160	C9H8N2O	018916-45-5	27
5	1H-Imidazole, 4,5-dihydro-4-meth...	160	C10H12N2	000939-06-0	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
Data File : BG020479.D
Acq On : 24 Dec 2015 19:08
Operator : UM/SJ
Sample : G4803-02RX
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04C2RX

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	11.4	ng/ul	56047	1	8.08	98174	20.0
unknown-01	10.78	5.5	ng/ul	54019	2	10.90	197293	20.0
unknown-02	15.50	2.4	ng/ul	28186	3	14.71	237605	20.0
unknown-03	17.03	2.1	ng/ul	34573	4	17.45	320943	20.0