

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019391.D
 Acq On : 28 Oct 2015 21:39
 Operator : UM/NP
 Sample : G4120-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LP4

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-BG102815.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	3.003	26	28	32	rVB2	2468	2855	0.18%	0.020%
2	3.156	49	54	63	rBV	54333	96737	6.05%	0.669%
3	3.239	63	68	78	rVB	222533	317573	19.86%	2.195%
4	4.290	245	247	253	rBV2	1748	2788	0.17%	0.019%
5	4.925	351	355	358	rVB2	1939	2928	0.18%	0.020%
6	4.960	358	361	366	rBV2	1621	3046	0.19%	0.021%
7	5.254	405	411	417	rBV	17846	30379	1.90%	0.210%
8	7.345	762	767	777	rVB2	40937	71575	4.48%	0.495%
9	7.516	784	796	806	rBV	130140	216279	13.53%	1.495%
10	7.733	825	833	841	rVB	141338	245132	15.33%	1.694%
11	8.203	906	913	920	rBV	138002	233404	14.60%	1.613%
12	8.902	1025	1032	1041	rVB	123827	209543	13.11%	1.448%
13	9.372	1103	1112	1122	rVB	185738	336830	21.07%	2.328%
14	9.578	1144	1147	1150	rVB	2137	2511	0.16%	0.017%
15	9.690	1164	1166	1171	rVB3	3189	4936	0.31%	0.034%
16	9.760	1173	1178	1187	rVB4	10655	18347	1.15%	0.127%
17	10.101	1227	1236	1244	rBV	183204	329907	20.64%	2.280%
18	10.271	1263	1265	1269	rVB2	2135	2502	0.16%	0.017%
19	10.530	1306	1309	1313	rVB2	2608	3415	0.21%	0.024%
20	10.642	1322	1328	1336	rBV	238608	420443	26.30%	2.906%
21	10.788	1348	1353	1357	rVB2	3404	6867	0.43%	0.047%
22	10.841	1359	1362	1371	rVB3	4724	8695	0.54%	0.060%
23	11.035	1387	1395	1402	rVB	184213	335582	20.99%	2.319%
24	11.165	1410	1417	1422	rBV3	9828	19095	1.19%	0.132%
25	11.264	1431	1434	1436	rBV2	5350	5821	0.36%	0.040%
26	11.317	1442	1443	1449	rVB2	2196	2498	0.16%	0.017%
27	11.394	1451	1456	1459	rVV2	4092	6602	0.41%	0.046%
28	11.441	1459	1464	1470	rVB3	9522	17879	1.12%	0.124%
29	11.511	1470	1476	1479	rBV3	2742	4059	0.25%	0.028%
30	11.611	1489	1493	1498	rVB2	5167	7584	0.47%	0.052%
31	11.705	1508	1509	1514	rVB	1881	2639	0.17%	0.018%
32	11.887	1536	1540	1544	rBV2	2991	4988	0.31%	0.034%
33	12.122	1576	1580	1586	rVB3	5076	7909	0.49%	0.055%
34	12.257	1599	1603	1604	rBV3	2614	3199	0.20%	0.022%

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35	12.422	1626	1631	1636	rVB4	3778	6165	0.39%	0.043%
36	12.481	1636	1641	1645	rBV2	4874	9158	0.57%	0.063%
37	12.592	1657	1660	1663	rBV3	3743	5772	0.36%	0.040%
38	12.704	1675	1679	1684	rBV7	5488	11090	0.69%	0.077%
39	12.763	1686	1689	1695	rVB3	5132	8240	0.52%	0.057%
40	12.821	1695	1699	1700	rBV2	2768	2837	0.18%	0.020%
41	12.892	1707	1711	1714	rVB3	3420	4947	0.31%	0.034%
42	12.980	1720	1726	1730	rBV6	9577	15079	0.94%	0.104%
43	13.033	1733	1735	1738	rVV4	3854	4974	0.31%	0.034%
44	13.068	1738	1741	1743	rVV	3273	4753	0.30%	0.033%
45	13.092	1743	1745	1750	rVB2	6393	7832	0.49%	0.054%
46	13.186	1757	1761	1766	rBV3	25440	38260	2.39%	0.264%
47	13.239	1766	1770	1778	rVB5	24599	47295	2.96%	0.327%
48	13.438	1798	1804	1806	rVB4	4351	5880	0.37%	0.041%
49	13.573	1825	1827	1830	rVB3	5065	4264	0.27%	0.029%
50	13.791	1860	1864	1870	rVB3	9160	12358	0.77%	0.085%
51	13.961	1890	1893	1896	rBV5	6585	7220	0.45%	0.050%
52	14.061	1906	1910	1913	rBV4	5326	6980	0.44%	0.048%
53	14.090	1913	1915	1921	rVB5	5595	6723	0.42%	0.046%
54	14.155	1923	1926	1927	rVV2	3587	3305	0.21%	0.023%
55	14.226	1931	1938	1943	rVV	520947	744246	46.55%	5.144%
56	14.267	1943	1945	1949	rVV2	11722	15093	0.94%	0.104%
57	14.320	1949	1954	1959	rVB7	8904	16442	1.03%	0.114%
58	14.402	1963	1968	1973	rBV4	5312	11423	0.71%	0.079%
59	14.525	1983	1989	1997	rVB	484272	775658	48.52%	5.361%
60	14.637	2006	2008	2011	rVB2	3610	2918	0.18%	0.020%
61	14.684	2012	2016	2018	rBV3	6735	7910	0.49%	0.055%
62	14.831	2034	2041	2048	rBV2	348168	572806	35.83%	3.959%
63	14.890	2048	2051	2055	rVV4	11396	15448	0.97%	0.107%
64	14.931	2055	2058	2062	rVB6	4825	7009	0.44%	0.048%
65	15.007	2062	2071	2077	rVB3	68127	119465	7.47%	0.826%
66	15.125	2085	2091	2092	rBV5	4040	7277	0.46%	0.050%
67	15.154	2092	2096	2098	rBV5	4630	6766	0.42%	0.047%
68	15.289	2116	2119	2122	rBV2	4780	7142	0.45%	0.049%
69	15.360	2129	2131	2136	rVB5	6087	4909	0.31%	0.034%
70	15.442	2143	2145	2148	rVB2	5248	5287	0.33%	0.037%
71	15.536	2160	2161	2163	rBV	3756	2512	0.16%	0.017%

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72	15.606	2169	2173	2175	rBV5	7003	10224	0.64%	0.071%
73	15.694	2186	2188	2191	rBV4	3763	4561	0.29%	0.032%
74	15.742	2194	2196	2198	rBV3	3673	3989	0.25%	0.028%
75	15.818	2202	2209	2217	rVV	685924	1044556	65.34%	7.220%
76	15.924	2221	2227	2233	rBV	289014	437258	27.35%	3.022%
77	16.059	2246	2250	2253	rBV4	14126	23091	1.44%	0.160%
78	16.100	2253	2257	2265	rVB	67025	89483	5.60%	0.618%
79	16.229	2273	2279	2280	rBV3	4328	6750	0.42%	0.047%
80	16.687	2356	2357	2360	rVB3	7699	5889	0.37%	0.041%
81	16.864	2382	2387	2388	rVV4	6752	8019	0.50%	0.055%
82	17.298	2456	2461	2464	rBV5	11132	15285	0.96%	0.106%
83	17.351	2466	2470	2473	rVV6	4983	6147	0.38%	0.042%
84	17.404	2477	2479	2480	rBV2	2771	2802	0.18%	0.019%
85	17.569	2501	2507	2514	rBV	488278	753493	47.13%	5.208%
86	17.669	2518	2524	2530	rBV	789690	1213338	75.89%	8.386%
87	17.716	2530	2532	2535	rVB4	3354	2669	0.17%	0.018%
88	18.039	2585	2587	2591	rVB5	8112	9998	0.63%	0.069%
89	18.192	2610	2613	2616	rBV5	3527	5575	0.35%	0.039%
90	18.221	2616	2618	2621	rVB4	6285	5008	0.31%	0.035%
91	18.274	2623	2627	2629	rBV4	4059	5156	0.32%	0.036%
92	18.315	2631	2634	2637	rVB4	5950	7891	0.49%	0.055%
93	18.432	2650	2654	2660	rBV7	12705	20941	1.31%	0.145%
94	18.662	2691	2693	2695	rBV3	3872	3138	0.20%	0.022%
95	19.519	2836	2839	2843	rBV6	5192	9529	0.60%	0.066%
96	19.831	2889	2892	2896	rVB2	11911	14239	0.89%	0.098%
97	19.948	2906	2912	2918	rVB	1084440	1598761	100.00%	11.050%
98	21.858	3231	3237	3248	rVB	642471	1088575	68.09%	7.524%
99	25.001	3762	3772	3783	rVB	551596	1570012	98.20%	10.851%
100	25.236	3802	3812	3823	rVB	328811	981861	61.41%	6.786%

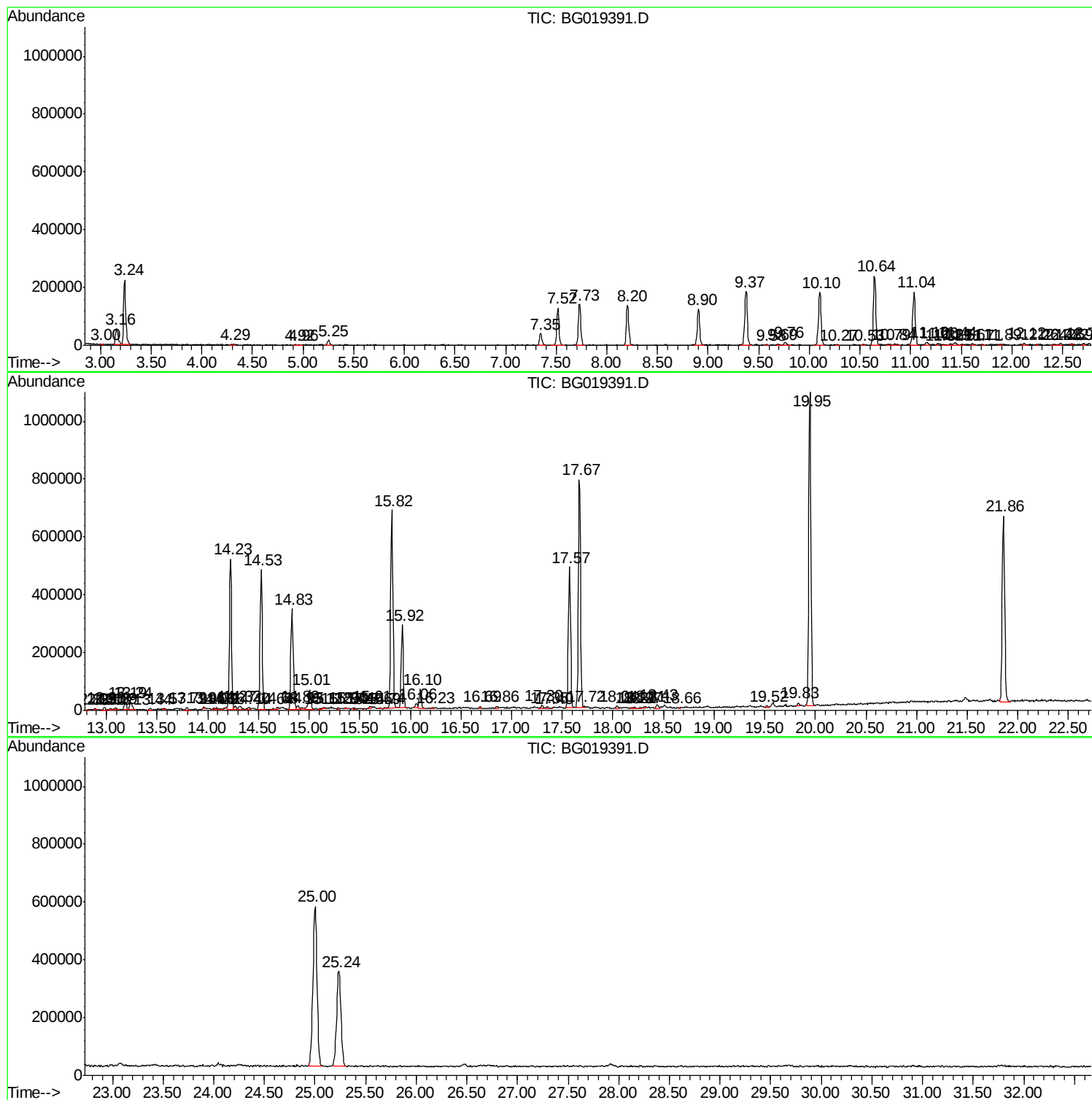
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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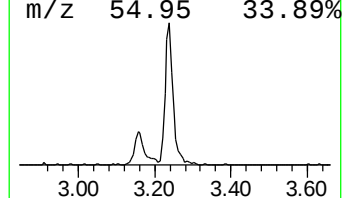
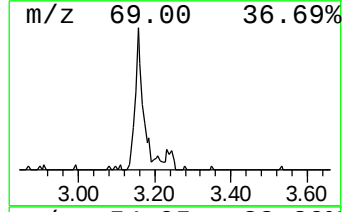
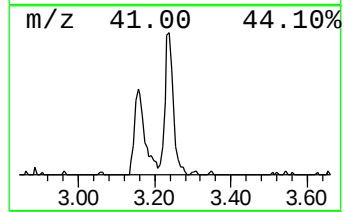
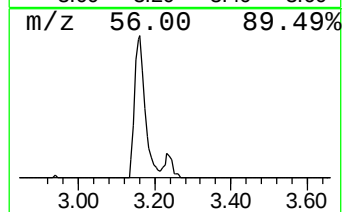
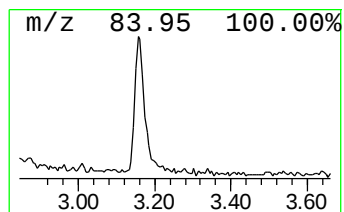
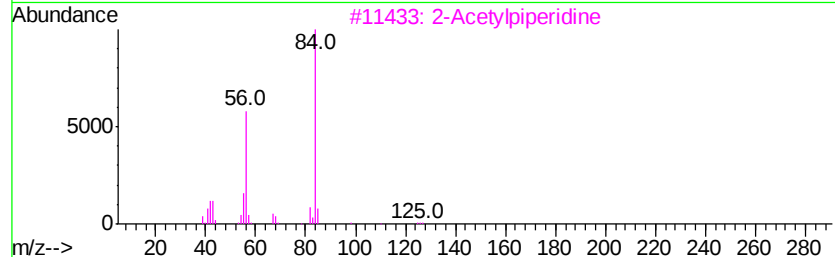
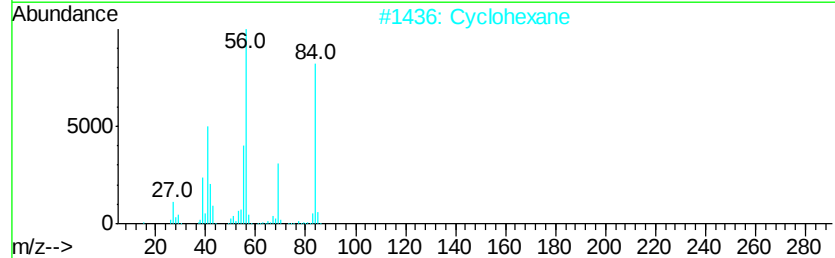
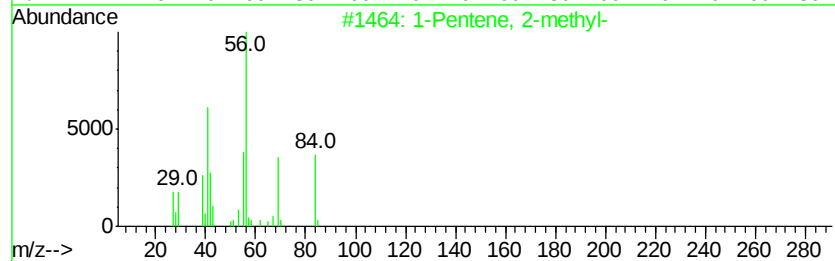
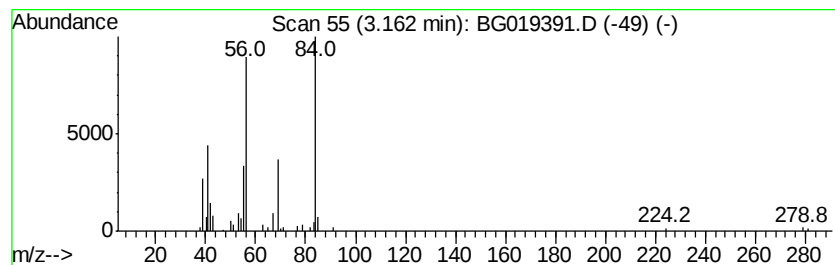
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	8.29 ng/ul	96737	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2		Cyclohexane	84	C6H12	000110-82-7	90
3		2-Acetylpiiperidine	127	C7H13NO	097073-22-8	78
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
5		Cyclohexane	84	C6H12	000110-82-7	72



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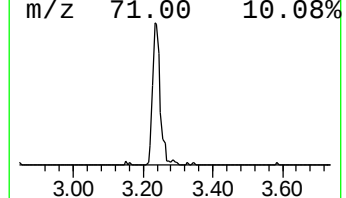
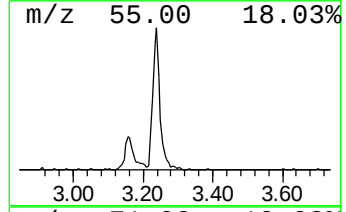
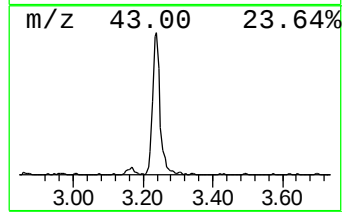
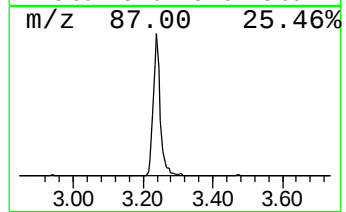
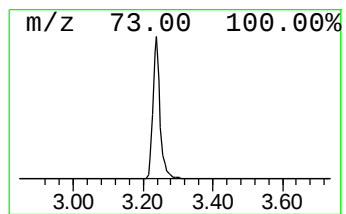
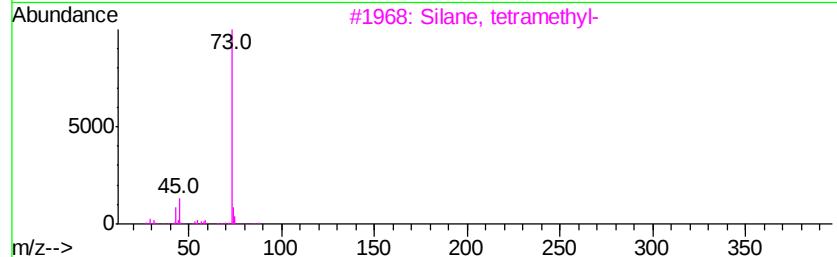
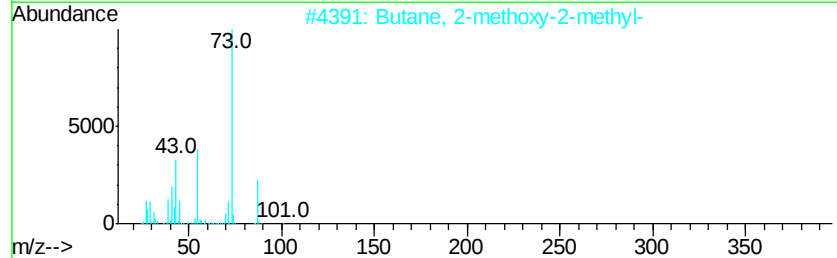
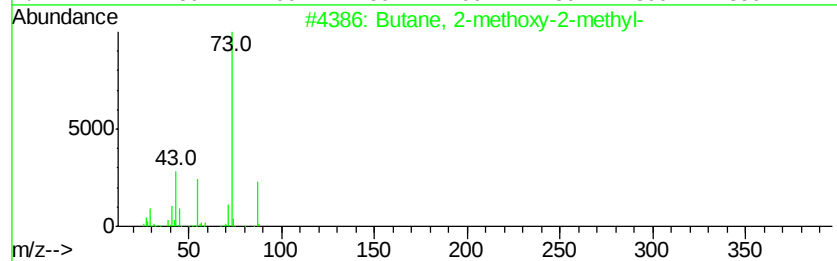
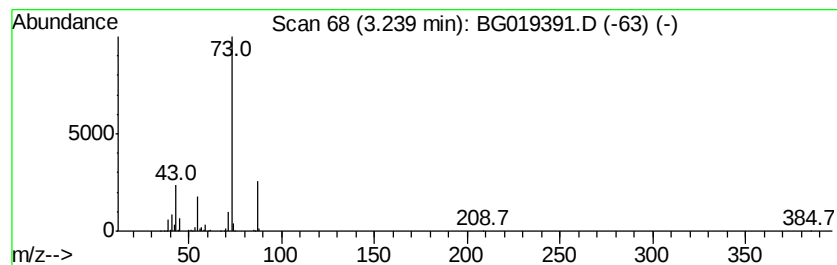
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	27.21 ng/ul	317573	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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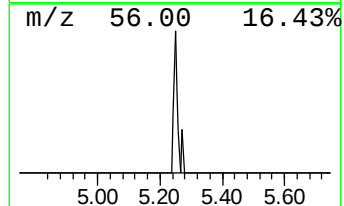
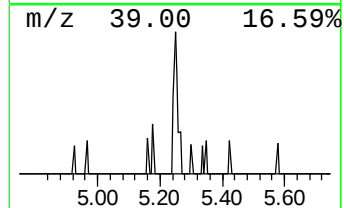
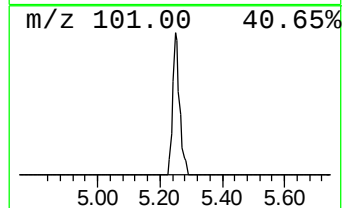
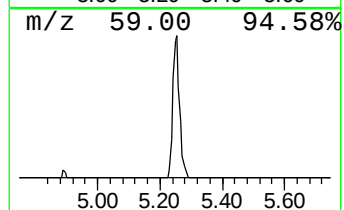
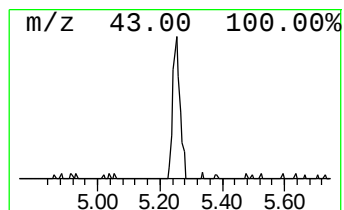
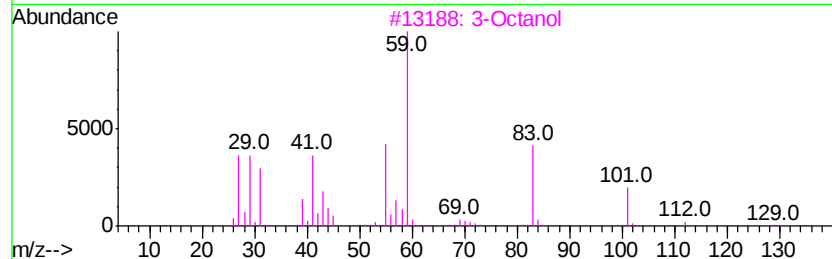
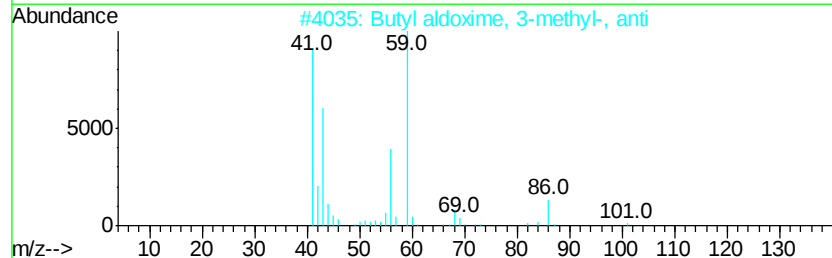
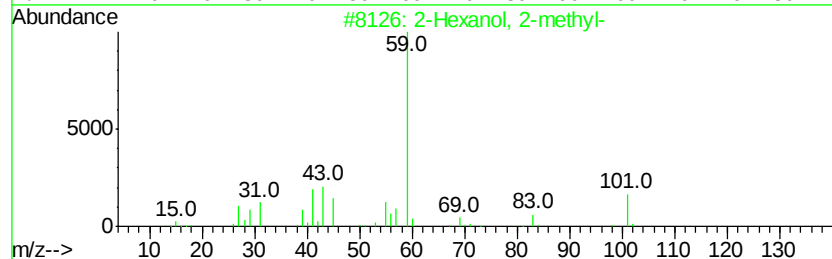
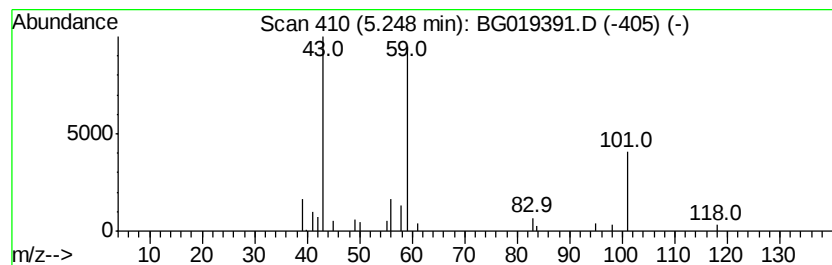
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.60 ng/ul	30379	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
2			Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	38
3			3-Octanol	130	C8H18O	000589-98-0	36
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019391.D
Acq On : 28 Oct 2015 21:39
Operator : UM/NP
Sample : G4120-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LP4

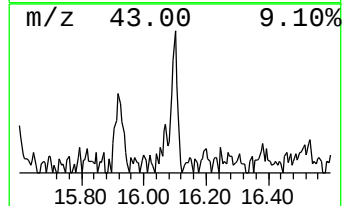
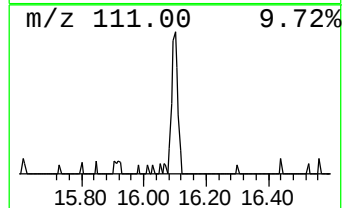
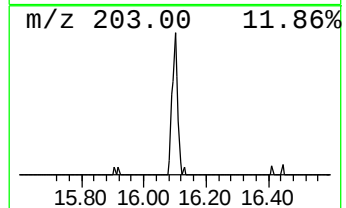
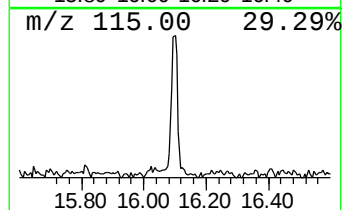
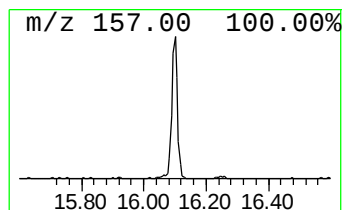
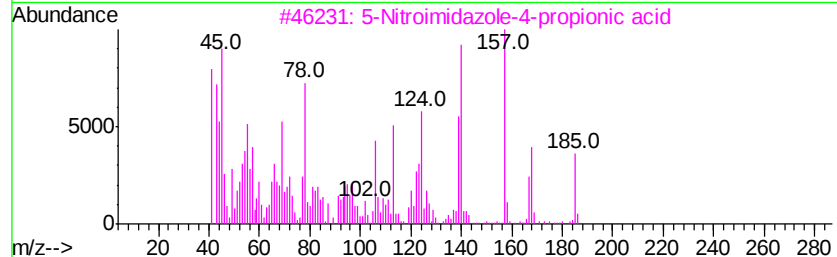
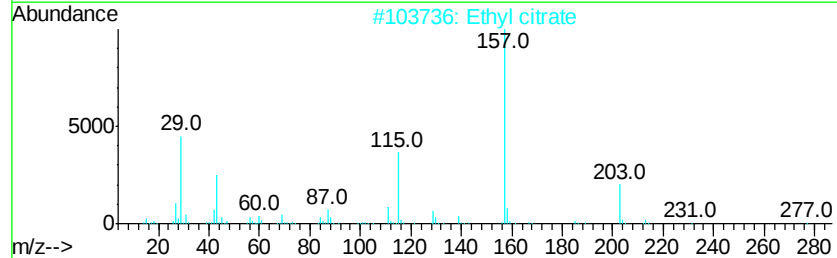
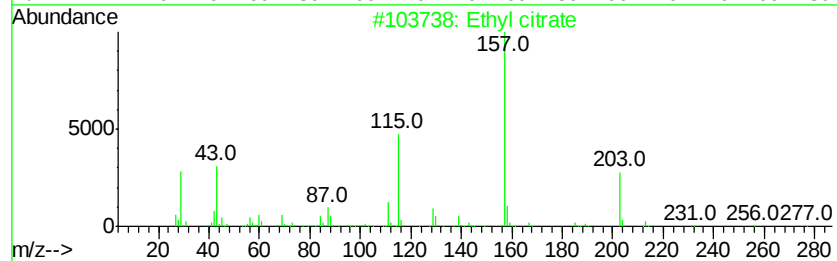
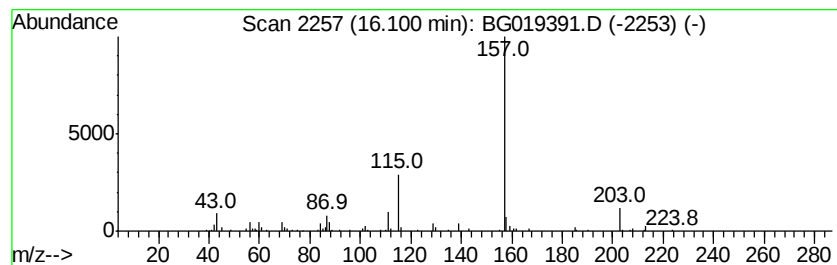
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.12 ng/ul	89483	Acenaphthene-d10	14.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl citrate	276	C12H20O7	000077-93-0	64
2			Ethyl citrate	276	C12H20O7	000077-93-0	53
3			5-Nitroimidazole-4-propionic acid	185	C6H7N3O4	1000126-42-8	43
4			Ethyl citrate	276	C12H20O7	000077-93-0	40
5			O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
Data File : BG019391.D
Acq On : 28 Oct 2015 21:39
Operator : UM/NP
Sample : G4120-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LP4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
(DEL) Alkane: Cyc...	3.16	8.3	ng/ul	96737	1	8.20	233404	20.0
Butane, 2-methoxy...	3.24	27.2	ng/ul	317573	1	8.20	233404	20.0
unknown-01	5.25	2.6	ng/ul	30379	1	8.20	233404	20.0
Ethyl citrate	16.10	3.1	ng/ul	89483	3	14.83	572806	20.0