

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019531.D
 Acq On : 9 Nov 2015 13:58
 Operator : UM/NP
 Sample : G4245-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY51DL

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	3.120	43	48	56	rBV	27137	47595	0.34%	0.115%
2	3.197	56	61	66	rBV	57561	79559	0.57%	0.193%
3	5.635	470	476	482	rVB	48287	77743	0.56%	0.189%
4	5.770	490	499	508	rBV2	38026	97492	0.70%	0.237%
5	6.146	558	563	570	rVB	43880	70408	0.50%	0.171%
6	7.245	745	750	756	rBV	34206	52262	0.37%	0.127%
7	7.304	756	760	767	rVV4	27754	49802	0.36%	0.121%
8	7.380	767	773	780	rVB	73645	115797	0.83%	0.281%
9	7.486	785	791	797	rVV	30547	51200	0.37%	0.124%
10	7.703	820	828	833	rBV3	27242	48031	0.34%	0.117%
11	7.809	840	846	854	rVB	167045	283162	2.03%	0.687%
12	8.173	901	908	917	rVB	136238	239810	1.72%	0.582%
13	8.285	922	927	935	rBV	56612	100325	0.72%	0.243%
14	8.555	965	973	981	rBV	523323	902809	6.46%	2.190%
15	8.720	995	1001	1009	rVB	169437	288807	2.07%	0.701%
16	8.814	1009	1017	1021	rBV	27387	44757	0.32%	0.109%
17	8.873	1023	1027	1038	rVB3	24040	44190	0.32%	0.107%
18	9.284	1089	1097	1102	rBV2	30199	48710	0.35%	0.118%
19	9.348	1102	1108	1109	rBV2	45956	68137	0.49%	0.165%
20	9.542	1134	1141	1148	rVB	64456	109171	0.78%	0.265%
21	9.666	1152	1162	1168	rVV2	123990	272553	1.95%	0.661%
22	9.730	1168	1173	1179	rVV3	30350	50906	0.36%	0.124%
23	9.813	1181	1187	1192	rVV	23381	36178	0.26%	0.088%
24	9.871	1192	1197	1203	rVB2	23089	39979	0.29%	0.097%
25	10.071	1226	1231	1237	rBV3	36922	63282	0.45%	0.154%
26	10.241	1252	1260	1269	rVB	65202	108891	0.78%	0.264%
27	10.394	1279	1286	1297	rBV4	121608	303025	2.17%	0.735%
28	10.494	1297	1303	1308	rBV4	47174	88644	0.63%	0.215%
29	10.618	1318	1324	1330	rVB4	52328	95349	0.68%	0.231%
30	11.011	1383	1391	1392	rVV	157746	268780	1.92%	0.652%
31	11.076	1392	1402	1410	rVV	6588976	13968409	100.00%	33.891%
32	11.182	1410	1420	1427	rVV	578607	1051743	7.53%	2.552%
33	11.411	1454	1459	1466	rVB3	27744	56101	0.40%	0.136%
34	12.104	1569	1577	1586	rBV3	41295	82333	0.59%	0.200%

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35	12.545	1647	1652	1659	rVV	58038	95929	0.69%	0.233%
36	12.650	1662	1670	1676	rVV	552606	913161	6.54%	2.216%
37	12.762	1681	1689	1696	rVV2	36466	70077	0.50%	0.170%
38	12.868	1696	1707	1715	rVV	1154895	1958400	14.02%	4.752%
39	13.643	1831	1839	1846	rBV	370106	568643	4.07%	1.380%
40	13.837	1866	1872	1882	rVB	74150	148747	1.06%	0.361%
41	13.972	1882	1895	1896	rBV2	124006	222079	1.59%	0.539%
42	14.125	1914	1921	1927	rVV2	220128	392214	2.81%	0.952%
43	14.196	1927	1933	1939	rVB2	144506	278605	1.99%	0.676%
44	14.360	1956	1961	1965	rBV	83239	136851	0.98%	0.332%
45	14.390	1965	1966	1972	rVB2	35370	42312	0.30%	0.103%
46	14.501	1979	1985	1997	rBV3	119265	280725	2.01%	0.681%
47	14.771	2025	2031	2033	rBV2	68707	105209	0.75%	0.255%
48	14.807	2033	2037	2042	rVV2	336637	533528	3.82%	1.294%
49	14.871	2042	2048	2054	rVV	1189740	1810749	12.96%	4.393%
50	14.930	2054	2058	2064	rVV	109935	164057	1.17%	0.398%
51	14.995	2064	2069	2079	rVB10	20909	50336	0.36%	0.122%
52	15.112	2086	2089	2093	rVB	31127	37981	0.27%	0.092%
53	15.200	2098	2104	2111	rVV	980015	1496791	10.72%	3.632%
54	15.406	2132	2139	2145	rBV6	23718	49747	0.36%	0.121%
55	15.794	2200	2205	2209	rVV	163152	250298	1.79%	0.607%
56	15.847	2209	2214	2220	rVV	814247	1272989	9.11%	3.089%
57	15.900	2220	2223	2227	rVV3	44725	63990	0.46%	0.155%
58	15.941	2227	2230	2232	rVV4	25988	37006	0.26%	0.090%
59	15.964	2232	2234	2238	rVV3	37723	62671	0.45%	0.152%
60	16.005	2238	2241	2246	rVV3	58325	97065	0.69%	0.236%
61	16.058	2246	2250	2253	rVV4	21318	36080	0.26%	0.088%
62	16.099	2253	2257	2259	rVV2	32731	48373	0.35%	0.117%
63	16.140	2259	2264	2273	rVB	84398	134661	0.96%	0.327%
64	16.240	2273	2281	2283	rBV3	23988	39473	0.28%	0.096%
65	16.281	2283	2288	2296	rVB3	80768	189440	1.36%	0.460%
66	16.516	2322	2328	2335	rVB2	65423	111797	0.80%	0.271%
67	16.634	2343	2348	2353	rBV3	30601	52269	0.37%	0.127%
68	16.716	2360	2362	2371	rVB	21278	35200	0.25%	0.085%
69	16.846	2380	2384	2389	rVV3	41645	73952	0.53%	0.179%
70	16.998	2403	2410	2415	rBV4	23830	46124	0.33%	0.112%
71	17.363	2468	2472	2479	rVB2	96717	153417	1.10%	0.372%

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72	17.545	2497	2503	2507	rVV	486507	826517	5.92%	2.005%
73	17.592	2507	2511	2516	rVV	1181851	1746775	12.51%	4.238%
74	17.645	2516	2520	2524	rVV2	210800	339417	2.43%	0.824%
75	17.680	2524	2526	2532	rVV	95287	112378	0.80%	0.273%
76	17.744	2532	2537	2544	rVB2	37688	58726	0.42%	0.142%
77	17.950	2566	2572	2579	rVV	973099	1477320	10.58%	3.584%
78	18.056	2588	2590	2593	rVV2	40972	53980	0.39%	0.131%
79	18.097	2593	2597	2603	rVB2	35073	60675	0.43%	0.147%
80	18.185	2603	2612	2618	rBV6	30018	77379	0.55%	0.188%
81	18.420	2648	2652	2654	rBV2	30765	36680	0.26%	0.089%
82	18.461	2654	2659	2666	rVB2	182081	275298	1.97%	0.668%
83	18.620	2677	2686	2690	rBV2	74013	146983	1.05%	0.357%
84	18.708	2694	2701	2706	rBV3	65922	143440	1.03%	0.348%
85	18.755	2706	2709	2714	rVB	52862	63082	0.45%	0.153%
86	18.849	2719	2725	2730	rVV2	83961	143271	1.03%	0.348%
87	18.902	2730	2734	2738	rVB2	31574	51488	0.37%	0.125%
88	19.419	2812	2822	2828	rBV10	21906	66260	0.47%	0.161%
89	19.589	2844	2851	2856	rVB	141526	212450	1.52%	0.515%
90	19.918	2900	2907	2911	rBV	260428	441952	3.16%	1.072%
91	19.948	2911	2912	2919	rVB2	113029	113842	0.81%	0.276%
92	20.318	2967	2975	2980	rBV2	79758	169271	1.21%	0.411%
93	20.377	2980	2985	2991	rVB	264449	394374	2.82%	0.957%
94	20.988	3085	3089	3092	rBV	67680	90525	0.65%	0.220%
95	21.035	3092	3097	3104	rVB3	81904	150794	1.08%	0.366%
96	21.822	3224	3231	3239	rVB	612254	1069574	7.66%	2.595%
97	22.462	3334	3340	3346	rBV	68675	131348	0.94%	0.319%
98	24.936	3752	3761	3770	rVB3	127972	355770	2.55%	0.863%
99	25.171	3791	3801	3813	rVB2	339118	986280	7.06%	2.393%
100	27.780	4237	4245	4249	rBV10	20043	52879	0.38%	0.128%

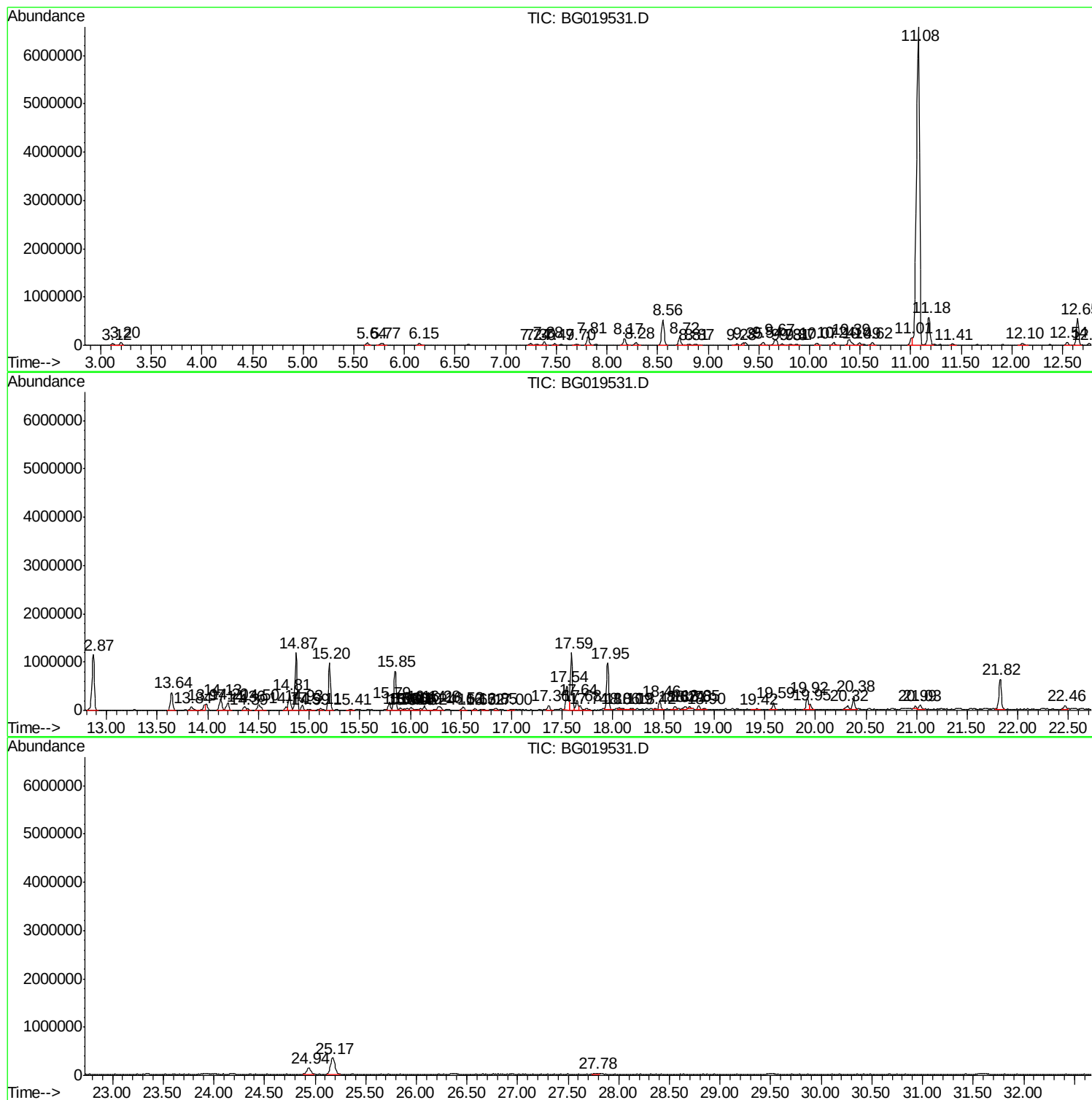
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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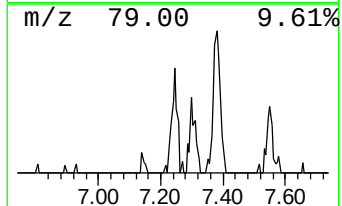
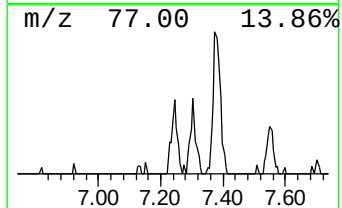
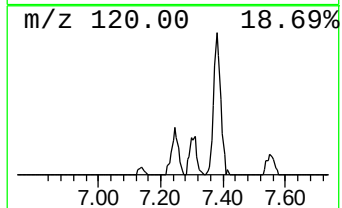
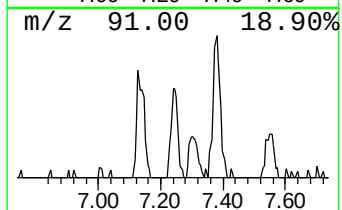
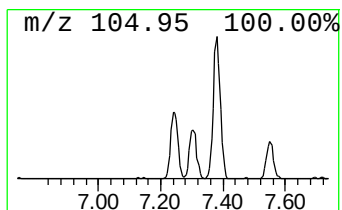
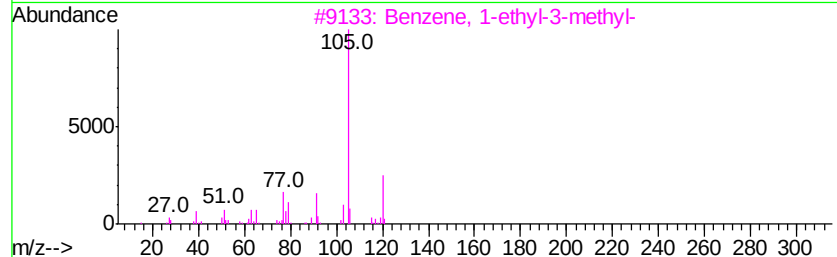
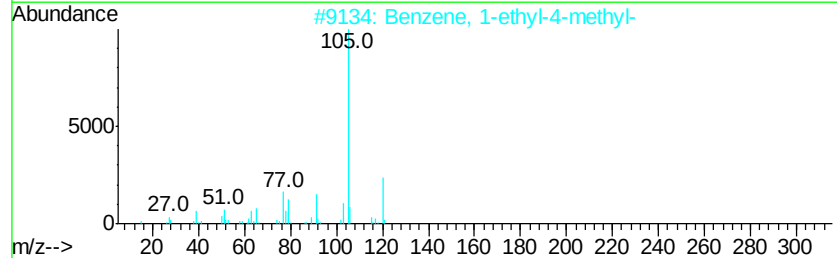
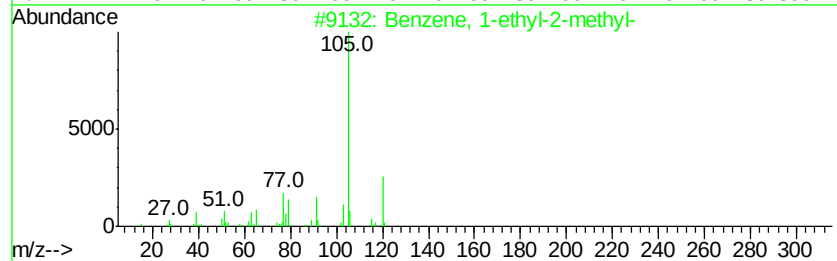
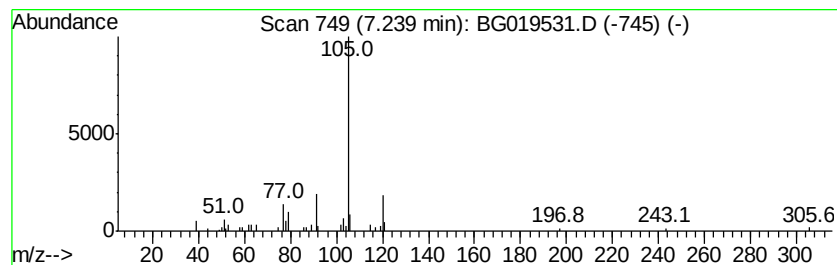
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	4.36 ng/ul	52262	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83



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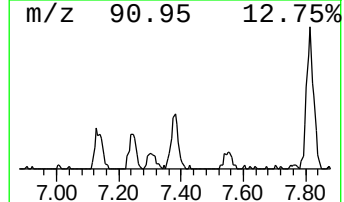
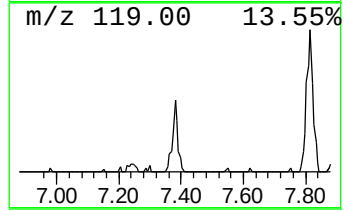
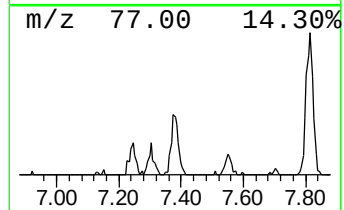
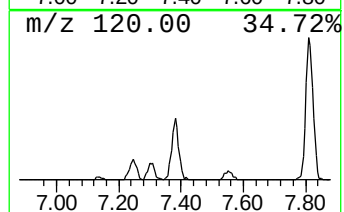
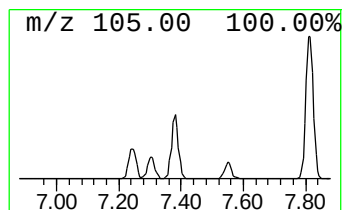
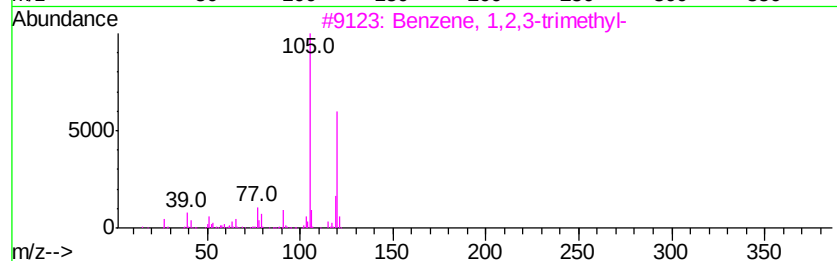
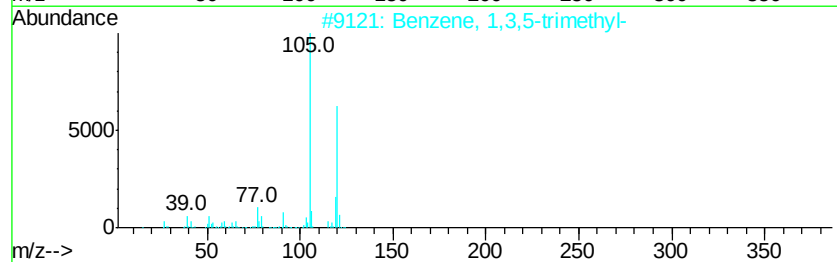
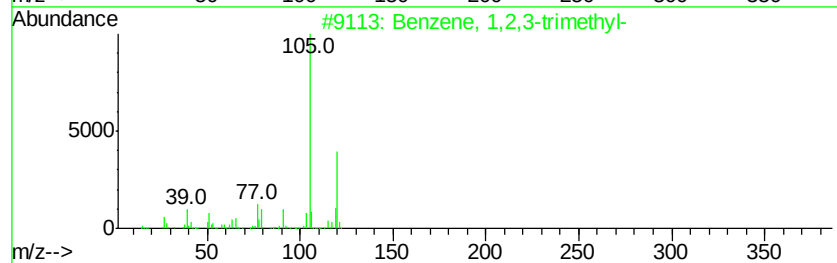
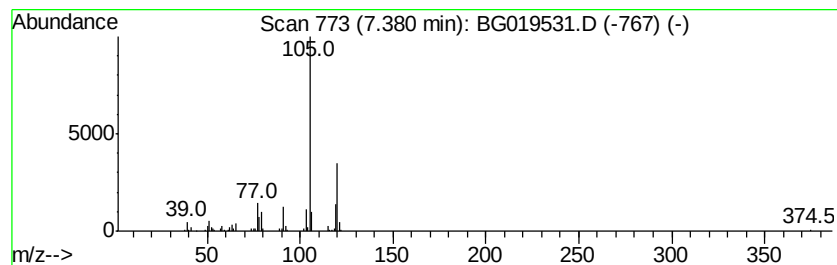
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	9.66 ng/ul	115797	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



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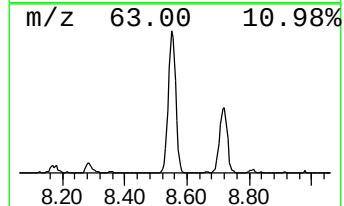
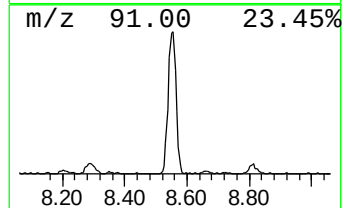
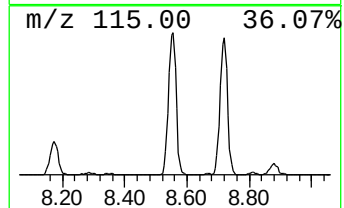
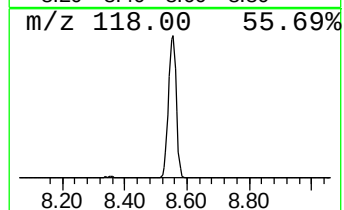
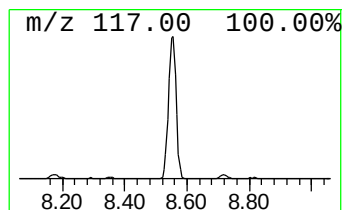
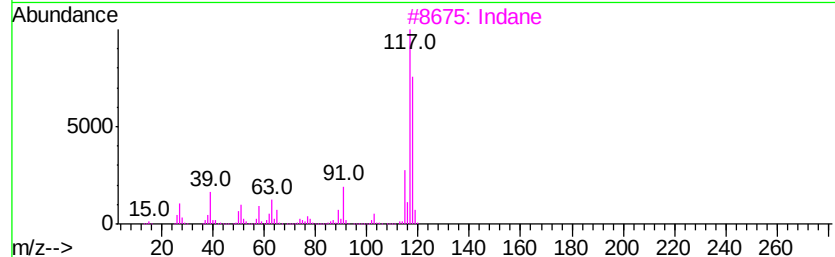
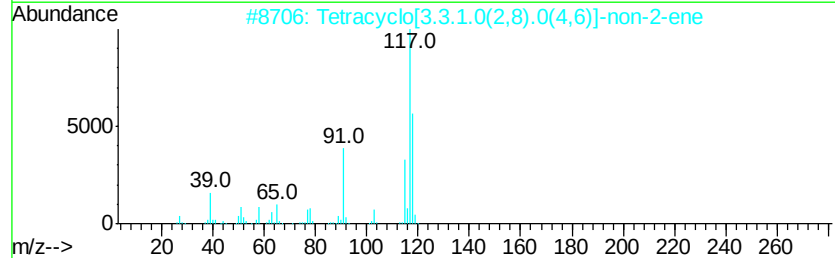
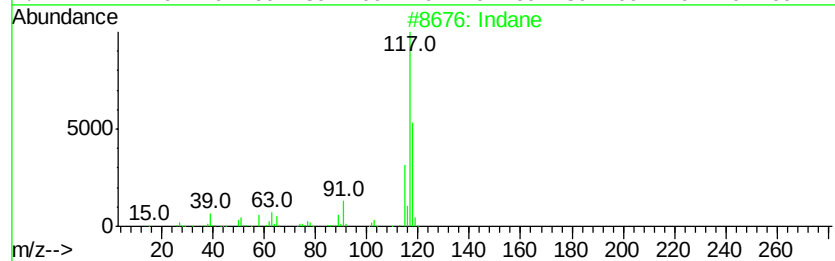
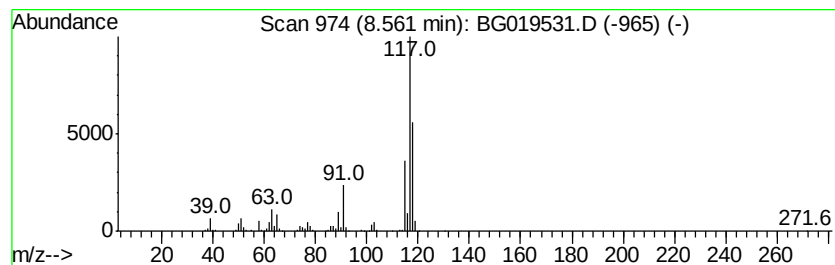
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	75.29 ng/ul	902809	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	87
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	72
3		Indane	118	C9H10	000496-11-7	64
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
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Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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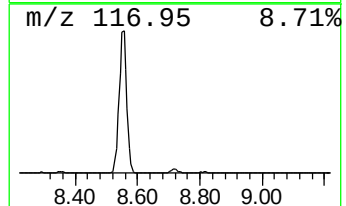
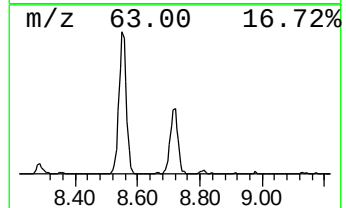
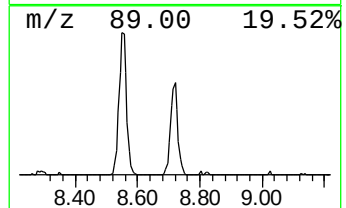
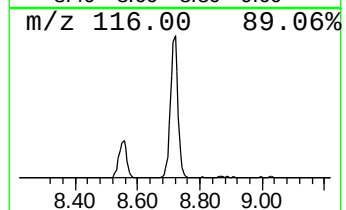
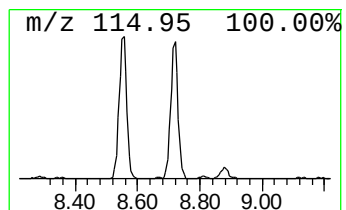
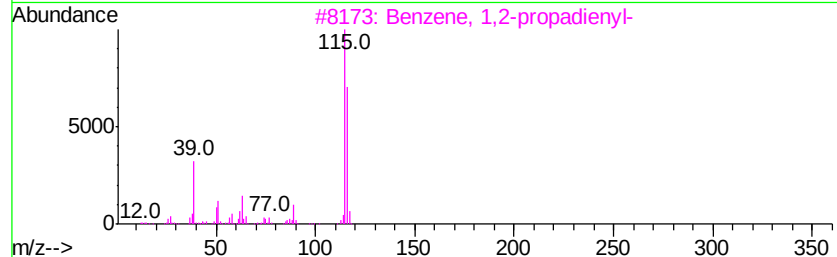
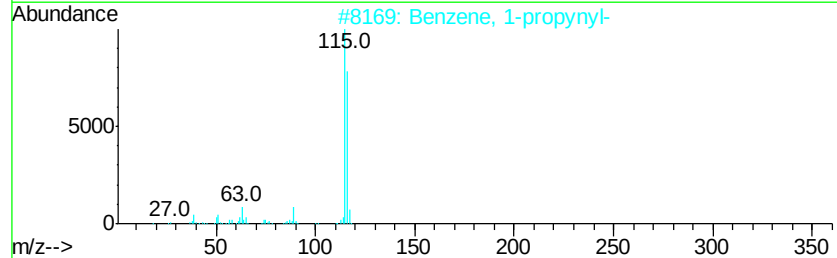
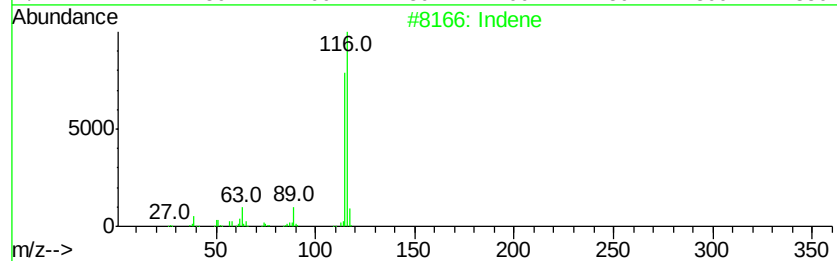
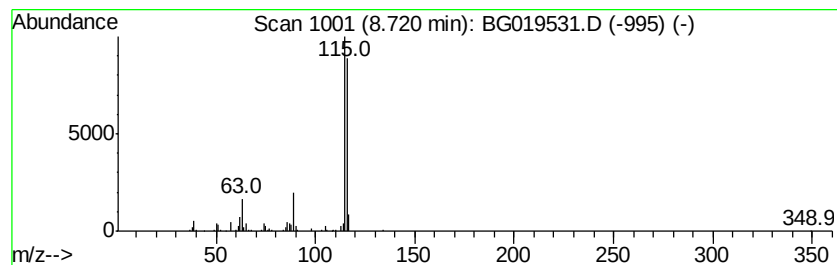
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	24.09 ng/ul	288807	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5		Indene	116	C9H8	000095-13-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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Misc :
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Instrument :
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ClientSampleId :
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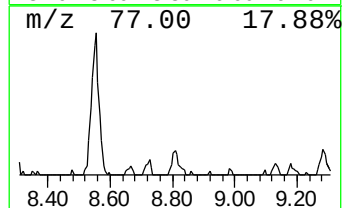
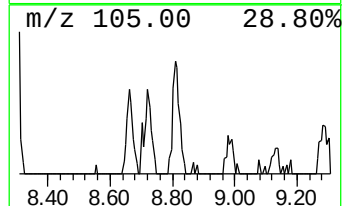
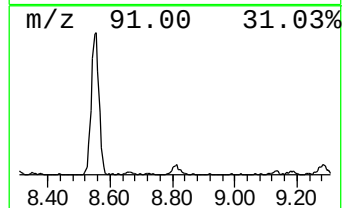
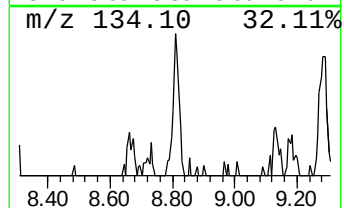
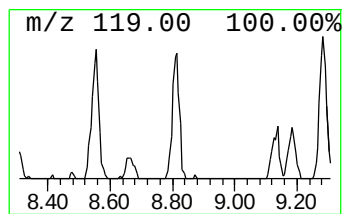
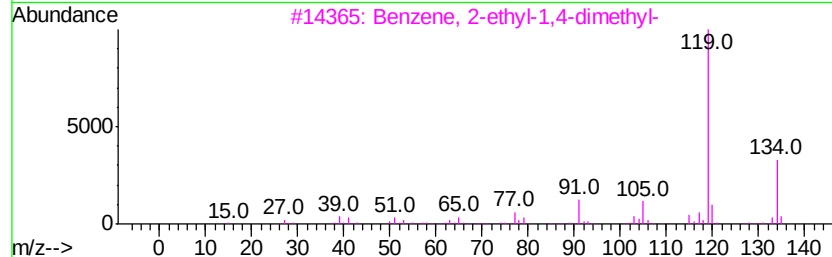
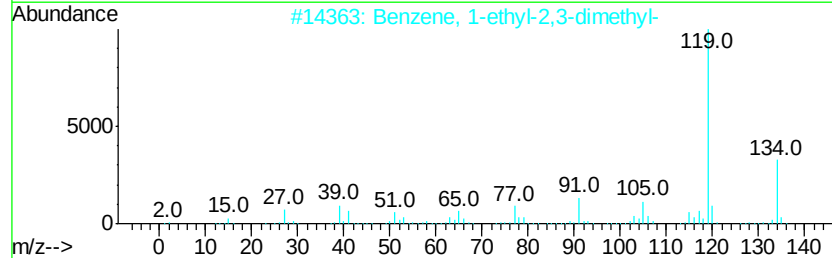
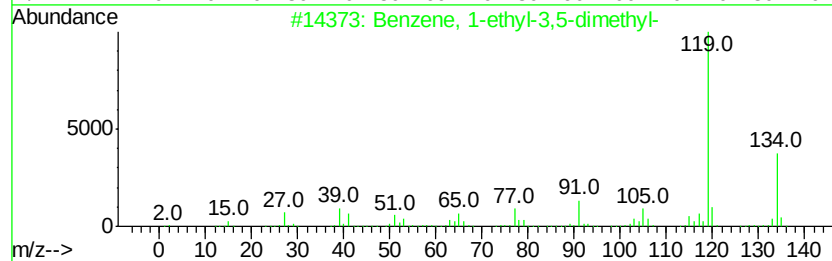
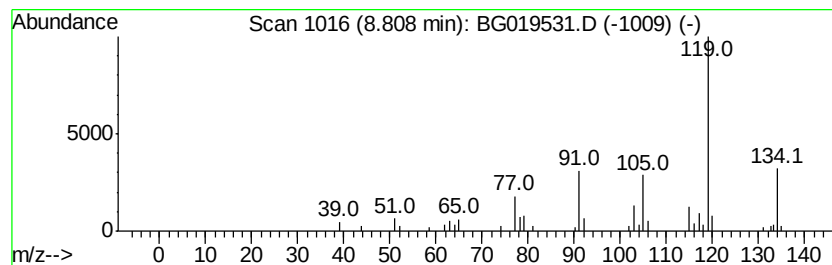
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	3.73 ng/ul	44757	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BCY51DL

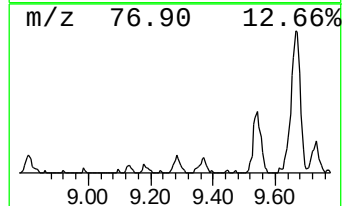
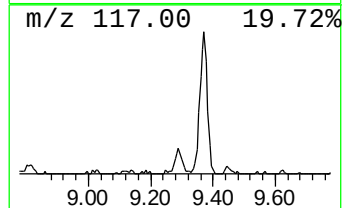
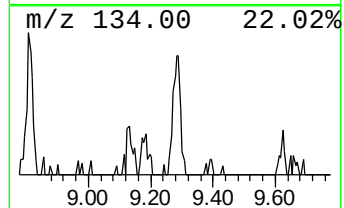
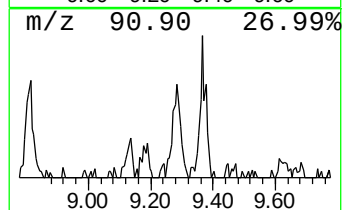
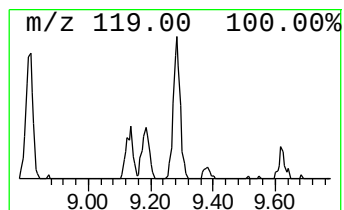
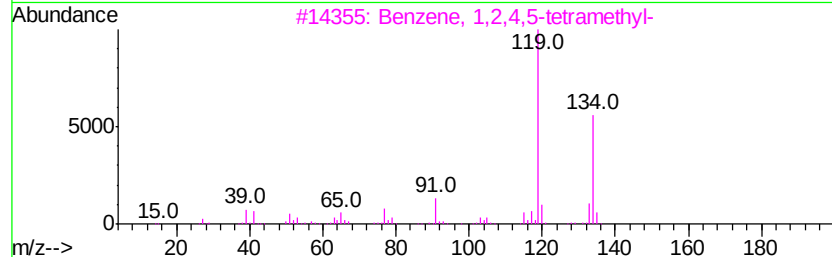
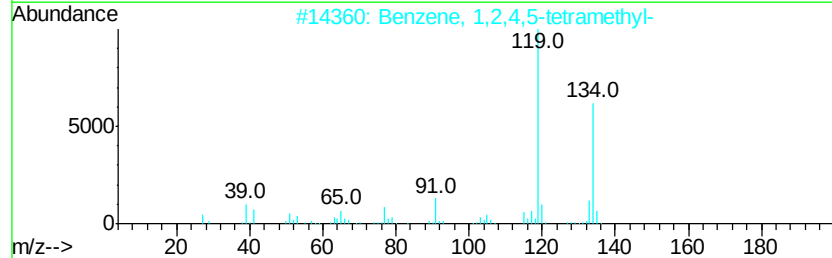
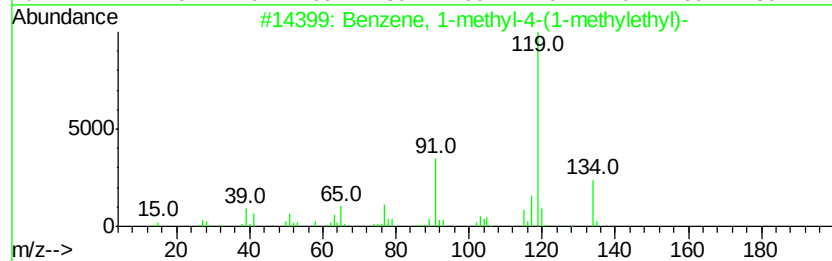
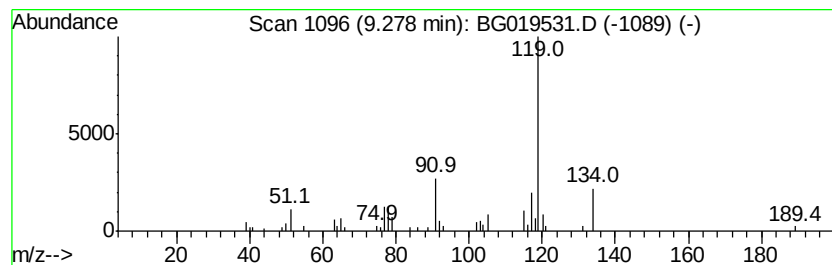
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	4.06 ng/ul	48710	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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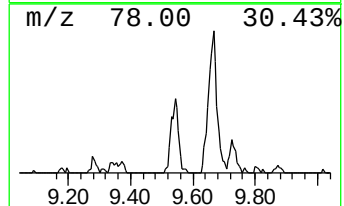
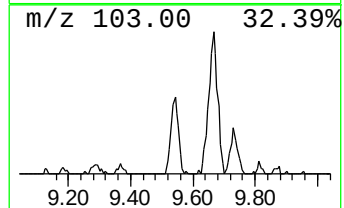
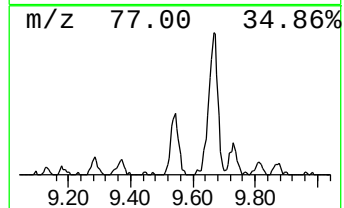
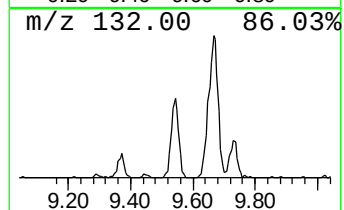
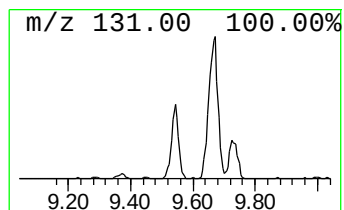
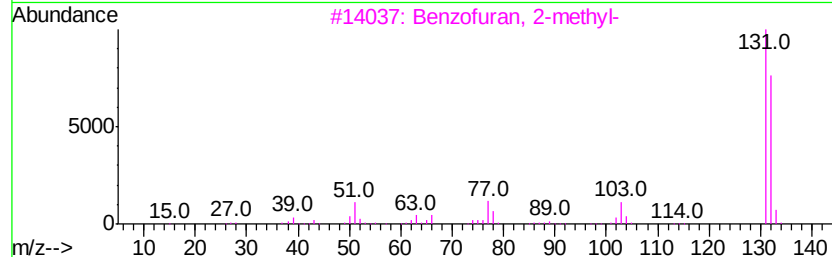
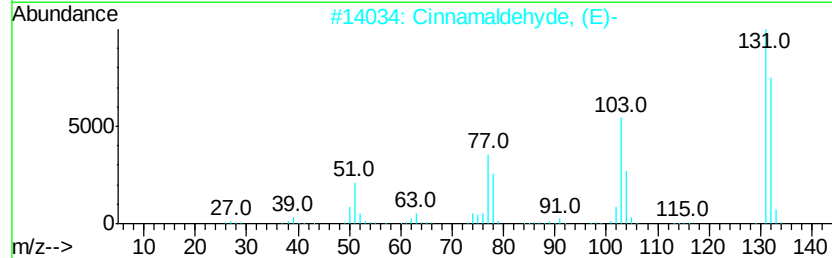
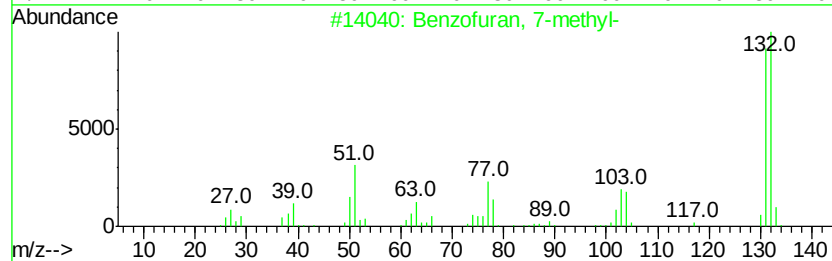
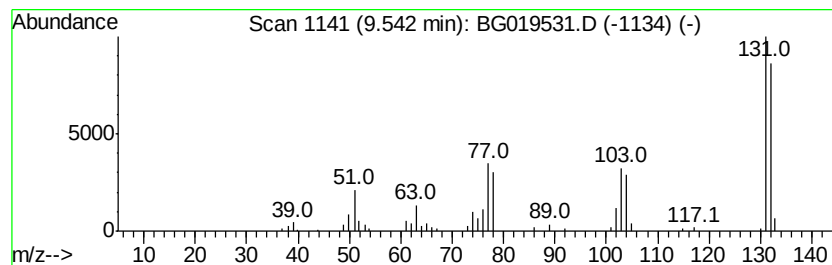
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	9.10 ng/ul	109171	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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Misc :
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Instrument :
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ClientSampleId :
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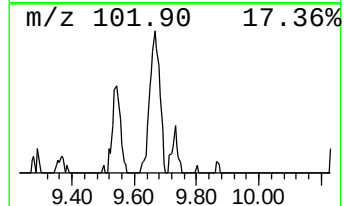
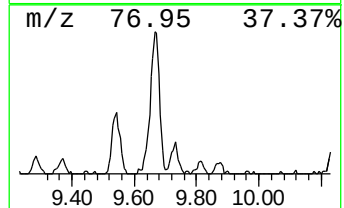
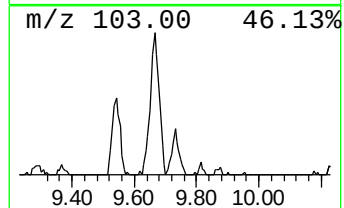
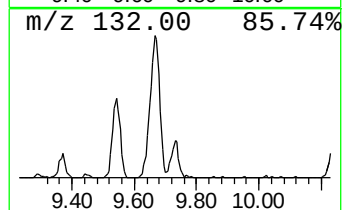
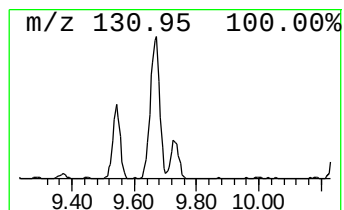
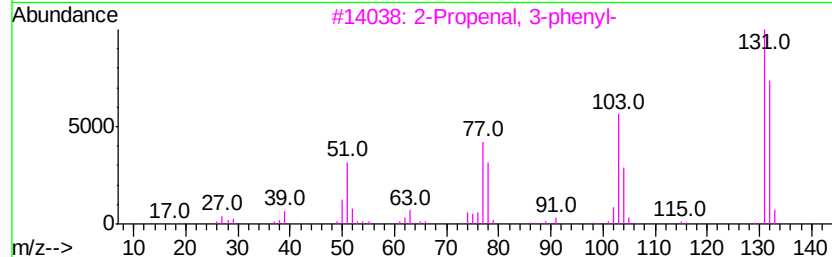
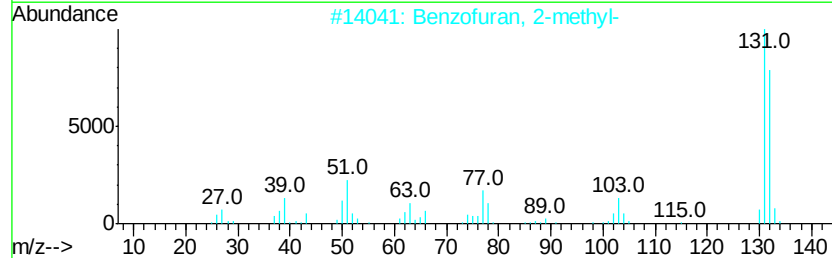
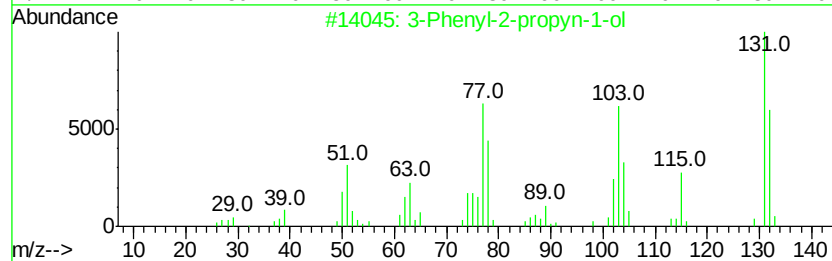
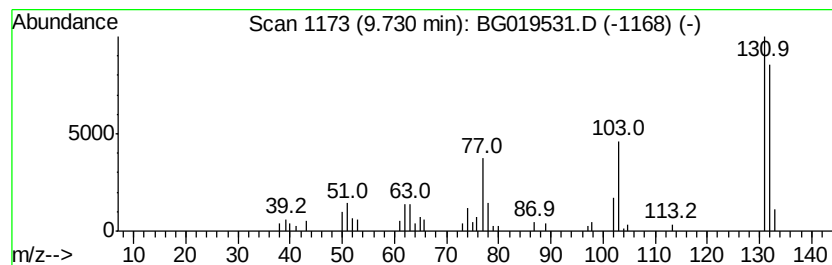
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 3-Phenyl-2-propyn-1-ol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.79 ng/ul	50906	Naphthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
3		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	74
4		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72
5		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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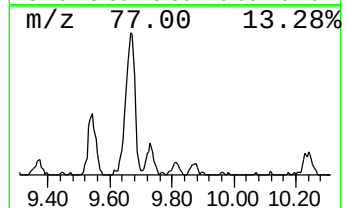
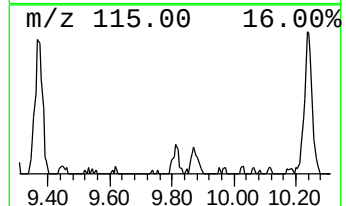
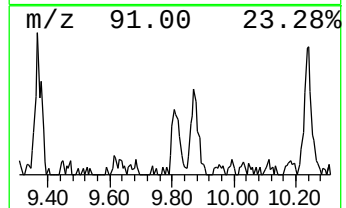
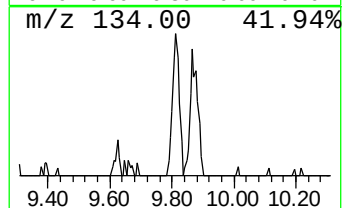
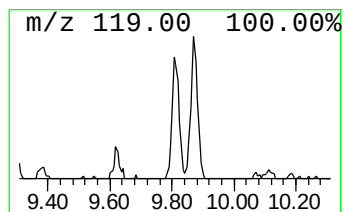
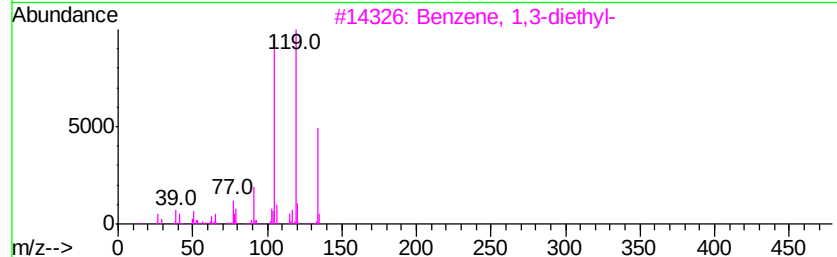
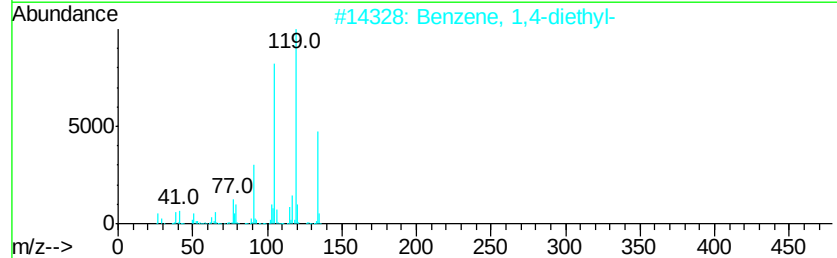
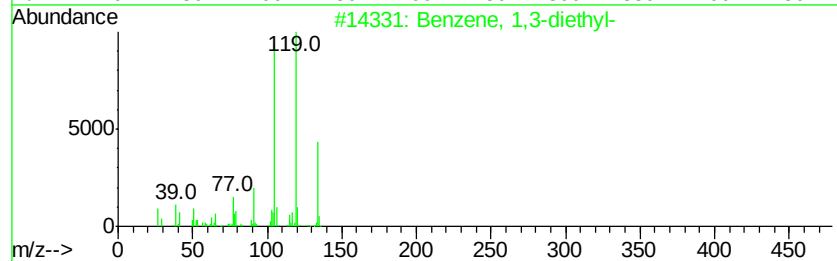
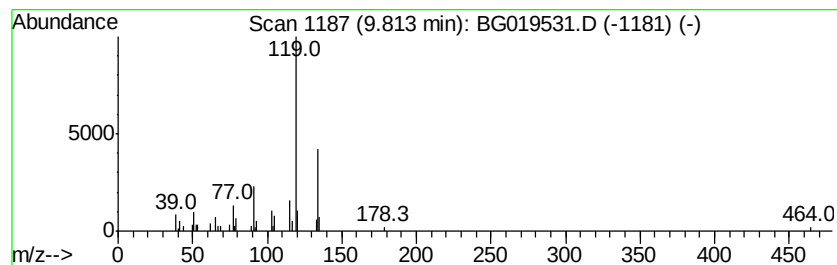
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.69 ng/ul	36178	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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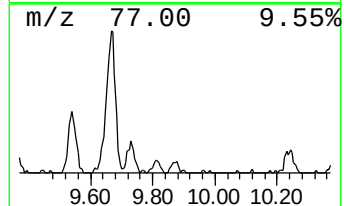
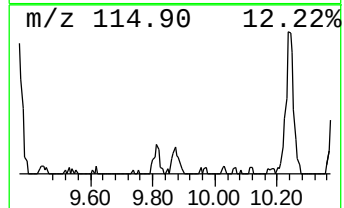
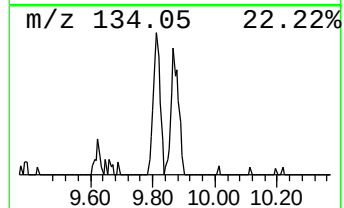
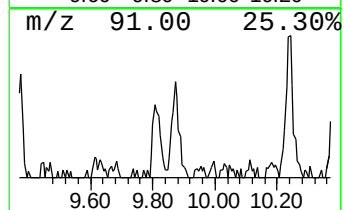
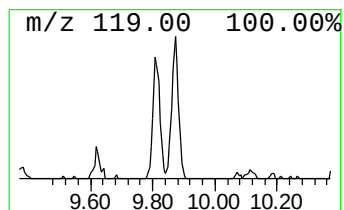
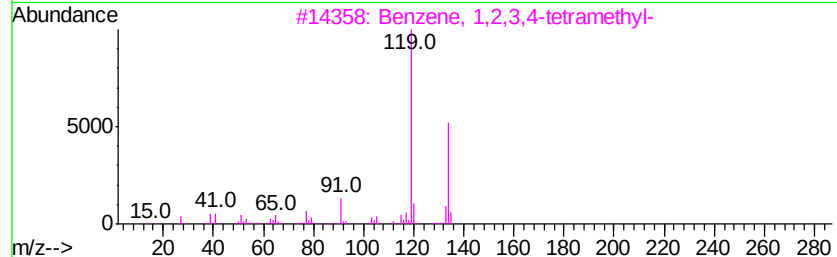
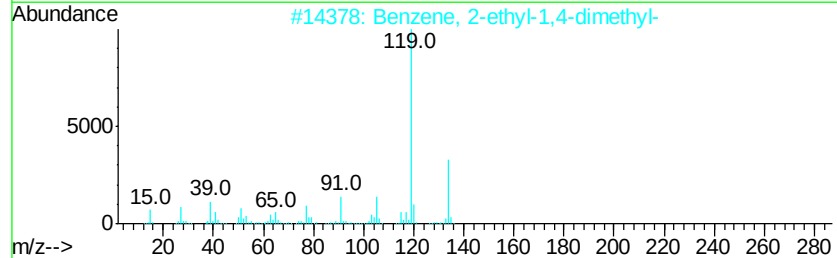
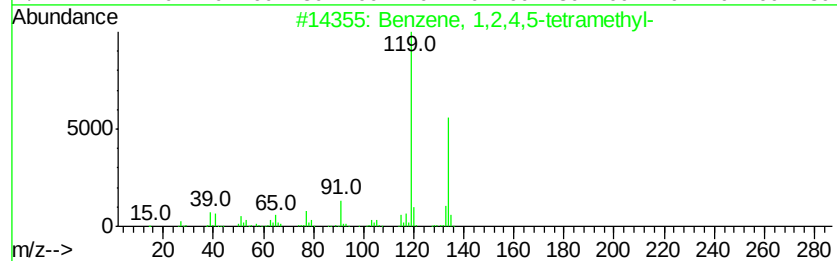
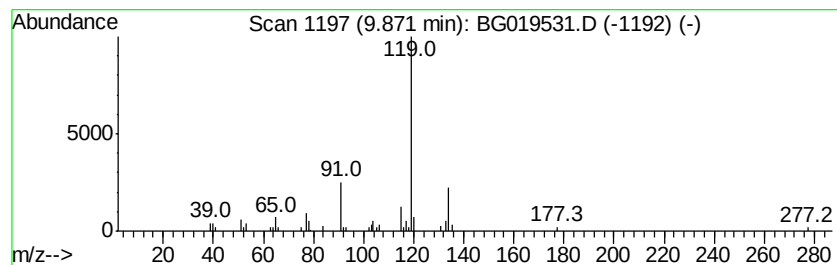
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.97 ng/ul	39979	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampled :
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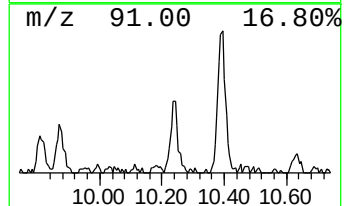
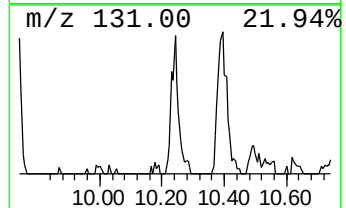
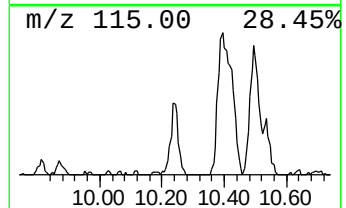
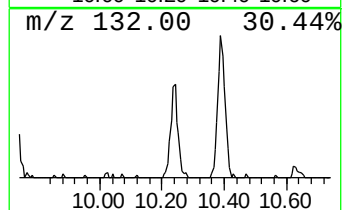
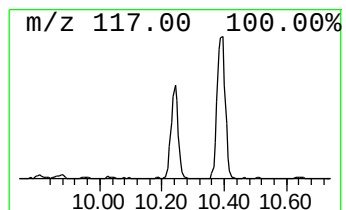
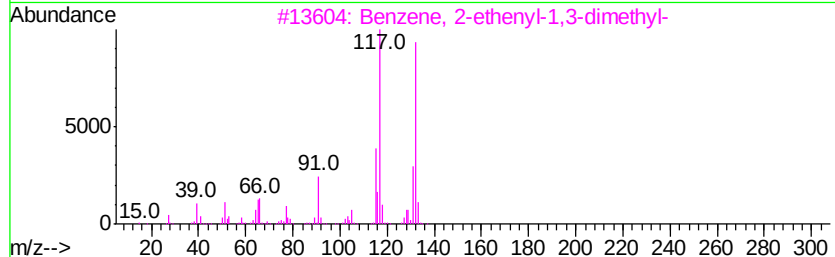
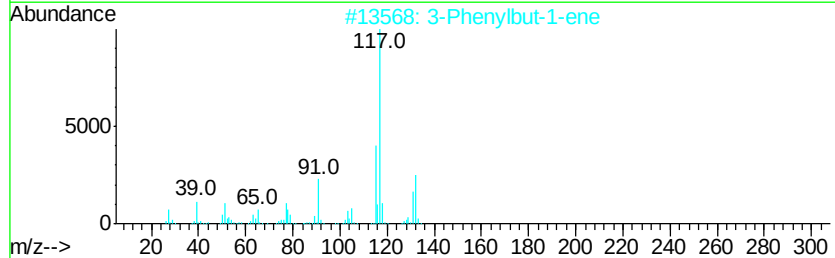
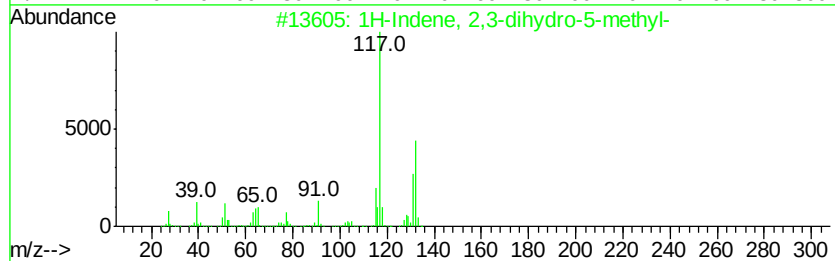
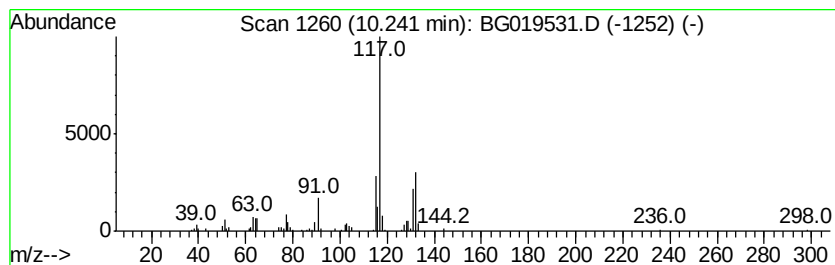
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	8.10 ng/ul	108891	Napthalene-d8	11.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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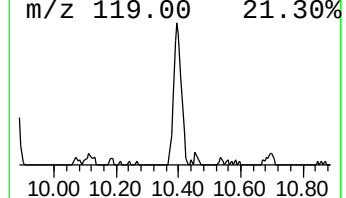
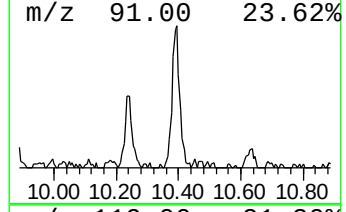
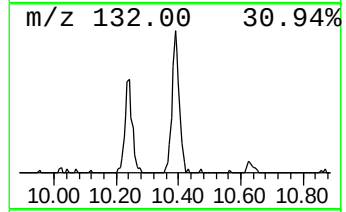
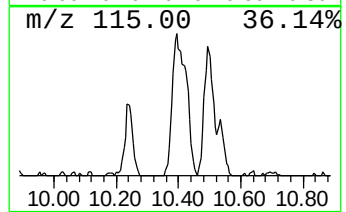
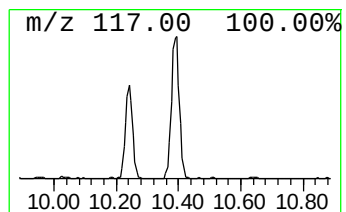
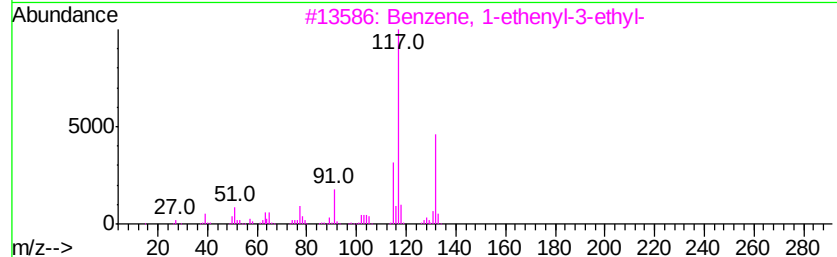
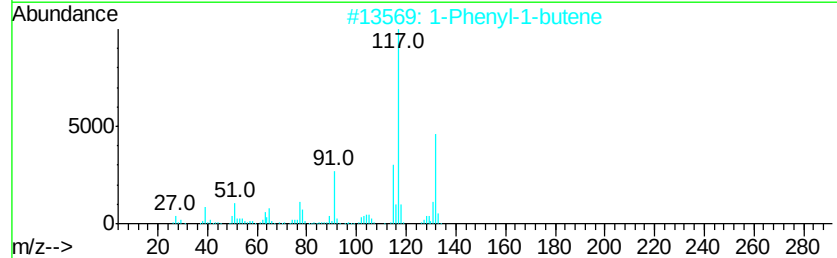
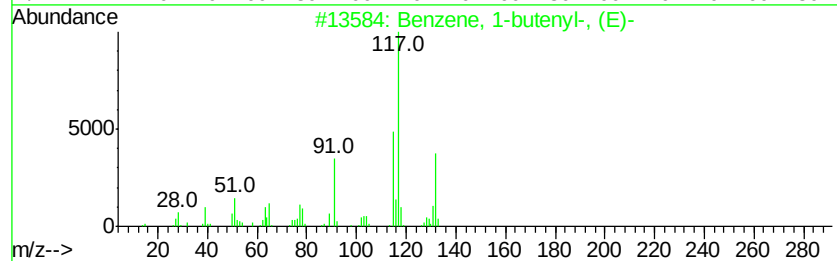
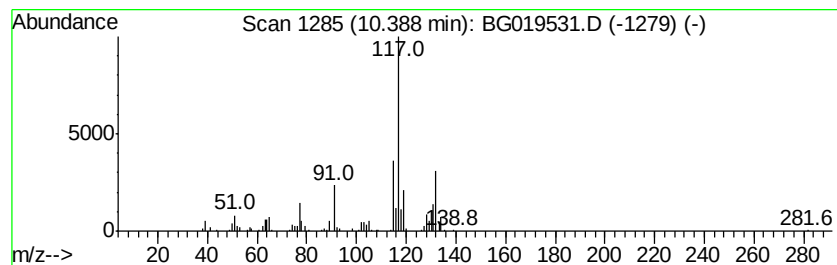
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzene, 1-butenyl-, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	22.55 ng/ul	303025	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	89
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	76
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	76
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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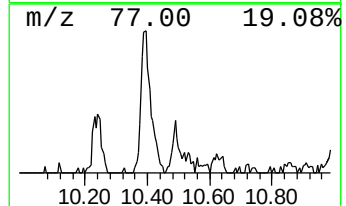
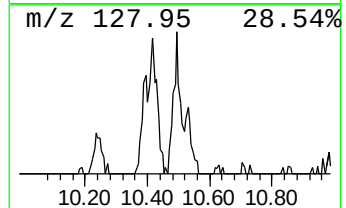
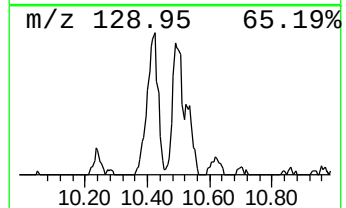
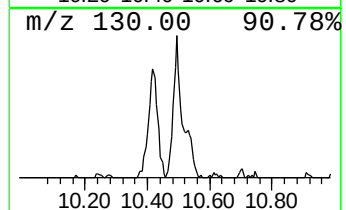
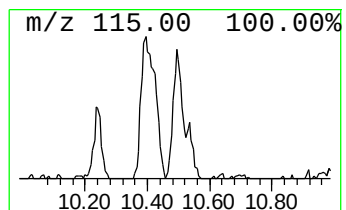
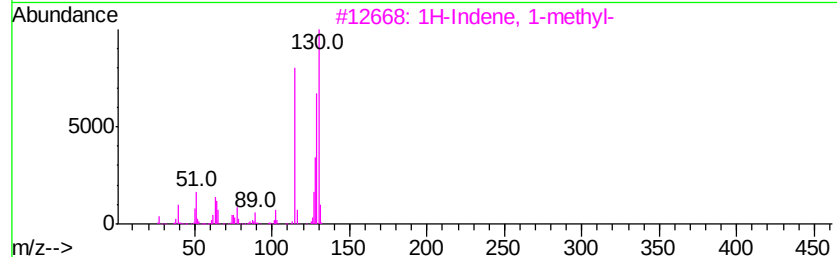
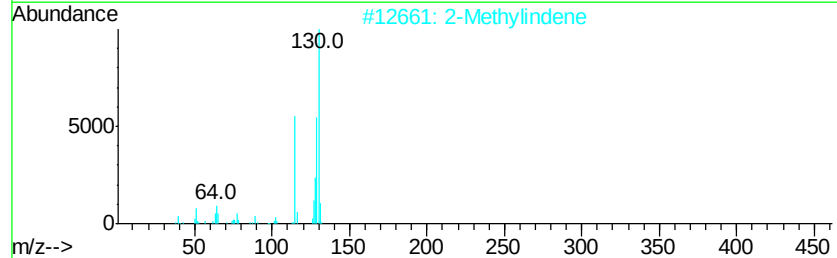
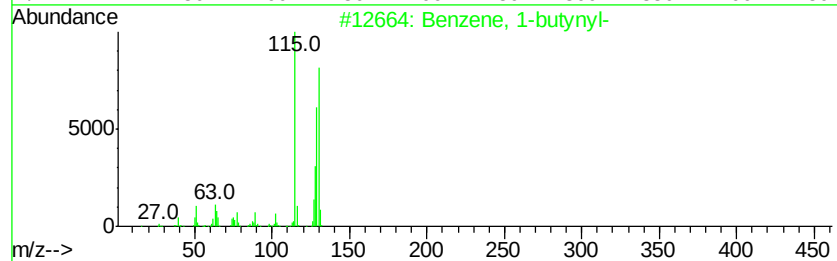
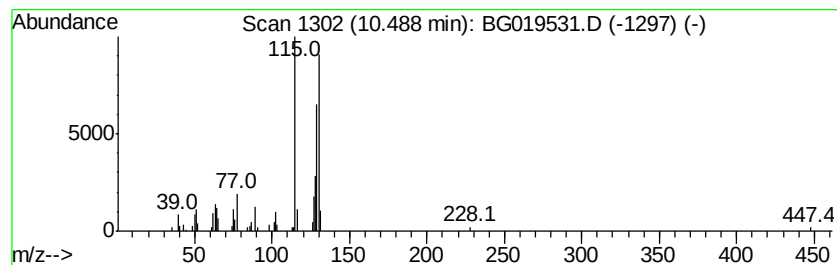
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzene, 1-butyryl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	6.60 ng/ul	88644	Naphthalene-d8	11.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butyryl-	130	C10H10	000622-76-4	94
2			2-Methylindene	130	C10H10	002177-47-1	93
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
4			Benzene, 1-methyl-4-(1-propyryl)-	130	C10H10	002749-93-1	87
5			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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Misc :
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Instrument :
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ClientSampleId :
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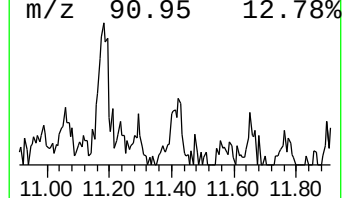
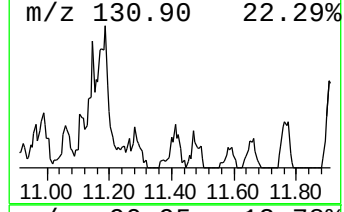
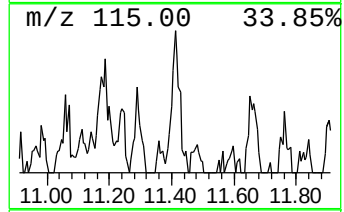
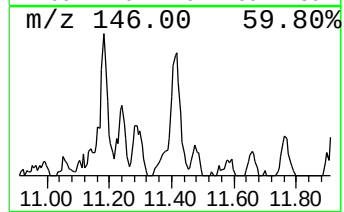
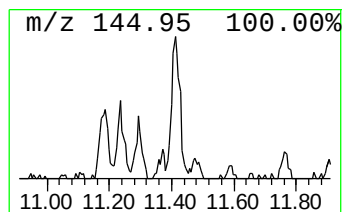
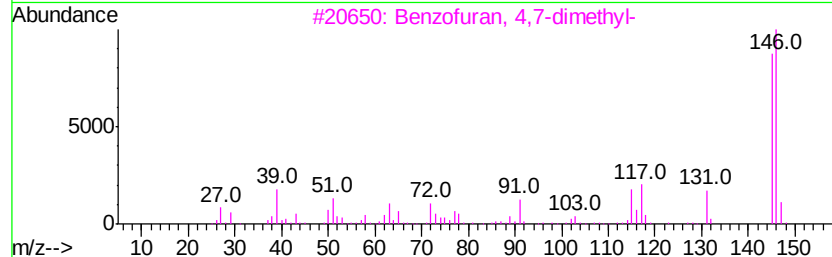
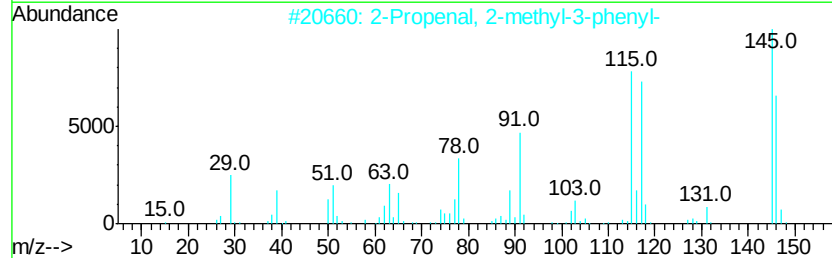
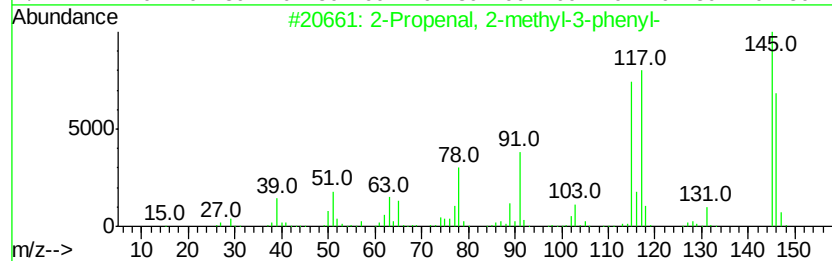
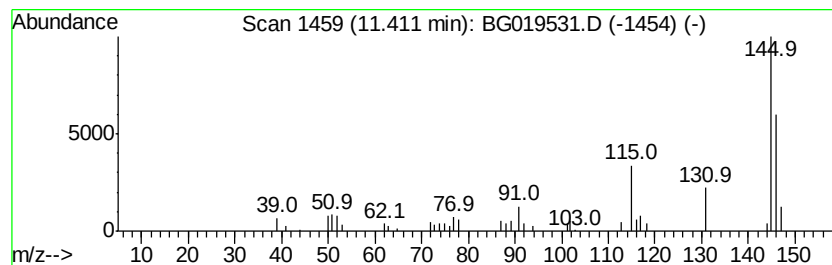
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	4.17 ng/ul	56101	Napthalene-d8	11.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3			Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	47
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5			1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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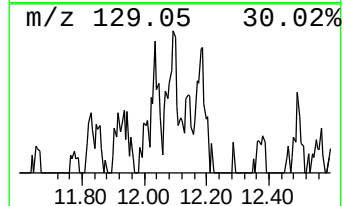
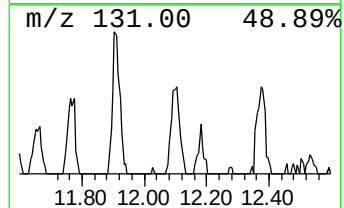
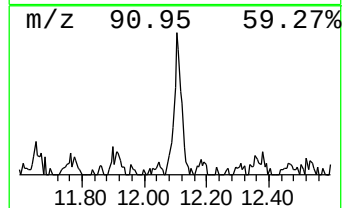
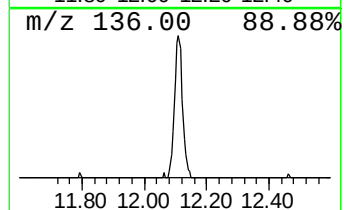
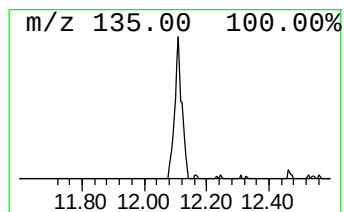
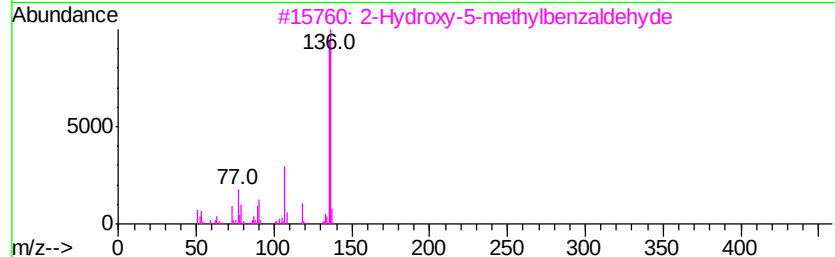
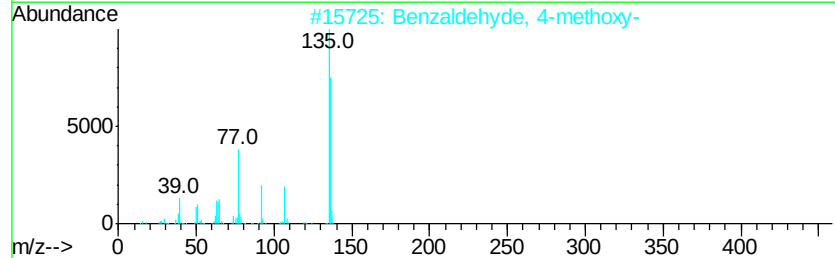
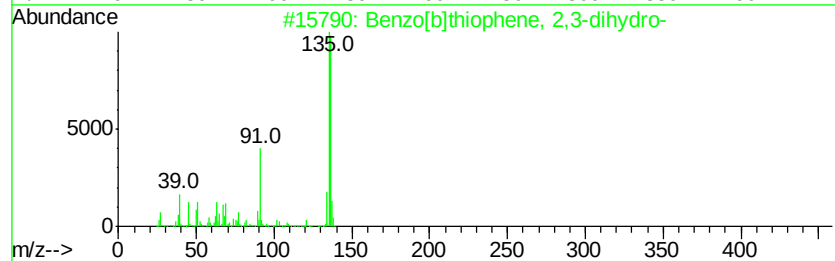
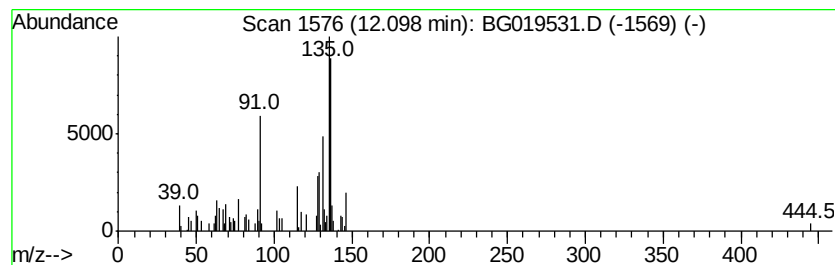
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.13 ng/ul	82333	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	62
2		Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	58
3		2-Hydroxy-5-methylbenzaldehyde	136	C8H8O2	000613-84-3	58
4		3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	52
5		Benzaldehyde, 3-methoxy-	136	C8H8O2	000591-31-1	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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ClientSampleId :
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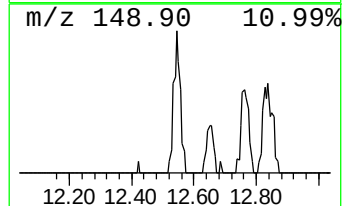
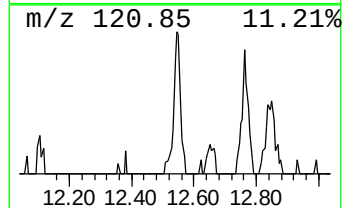
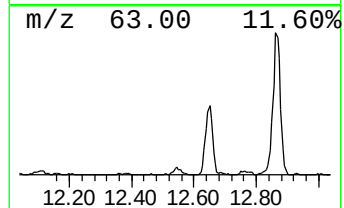
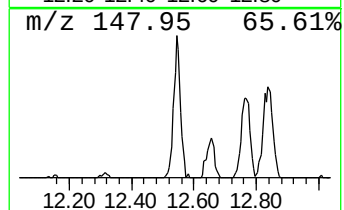
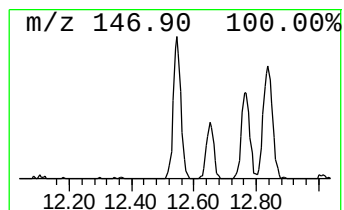
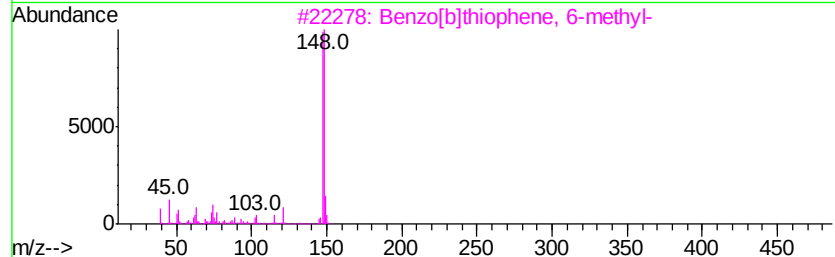
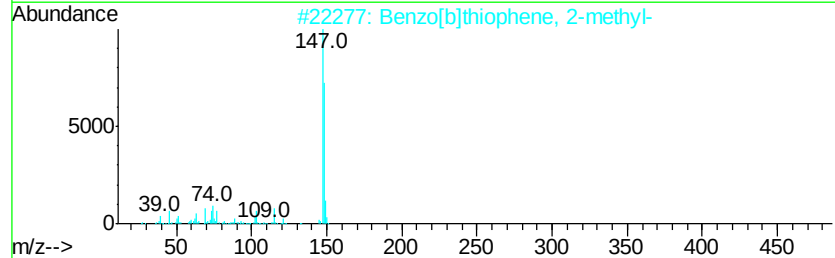
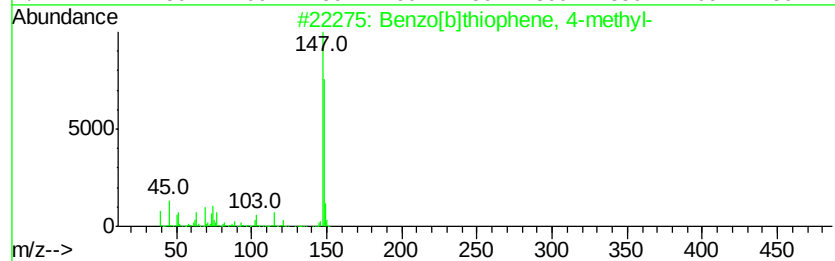
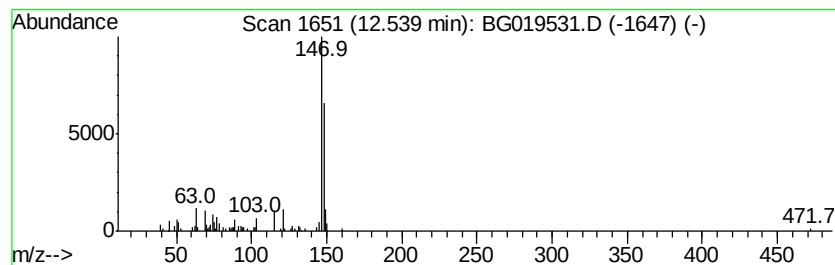
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzo[b]thiophene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.14 ng/ul	95929	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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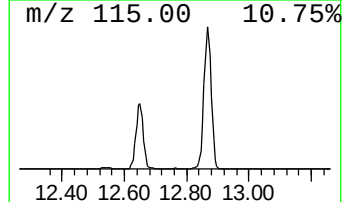
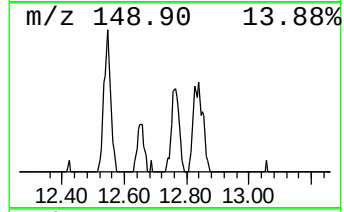
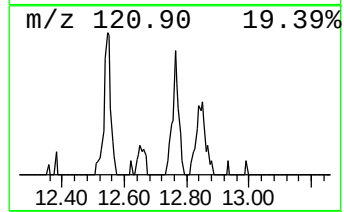
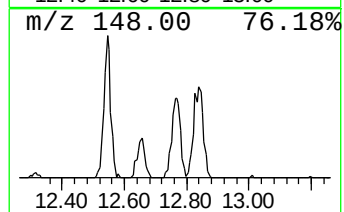
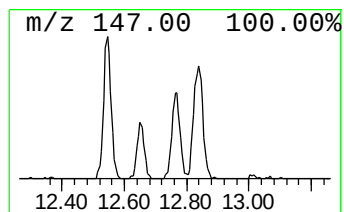
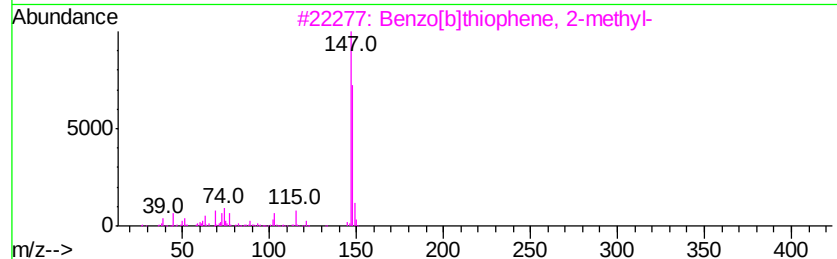
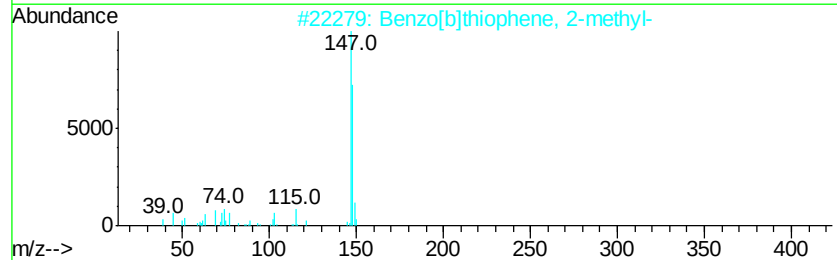
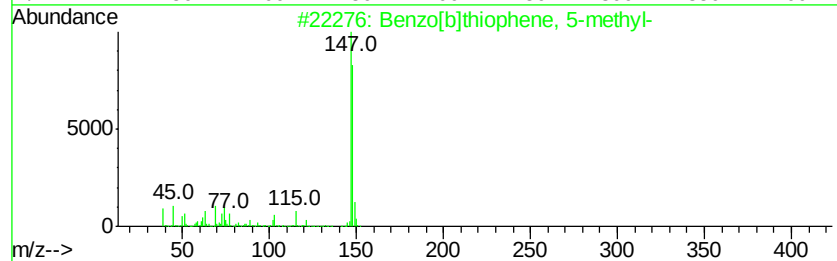
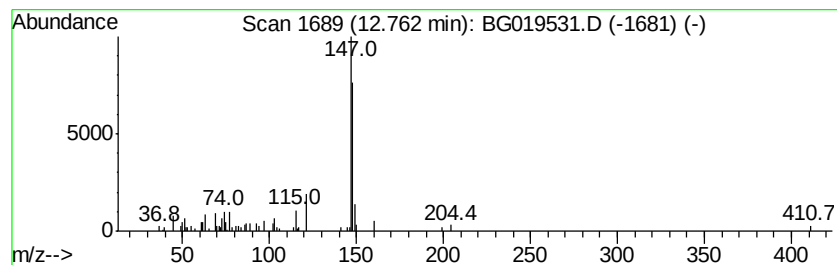
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzo[b]thiophene, 5-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.21 ng/ul	70077	Napthalene-d8	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	95
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	94
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	93
4		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
5		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

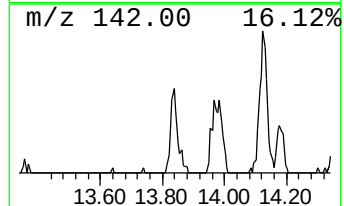
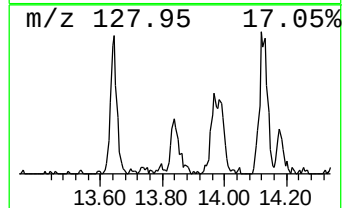
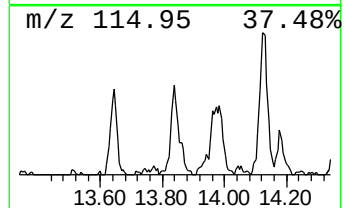
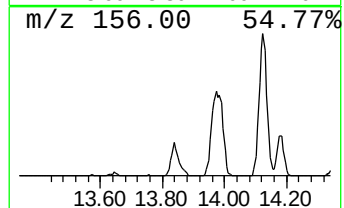
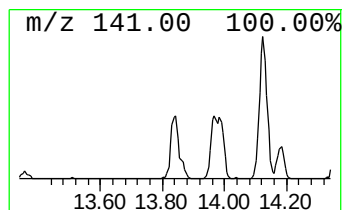
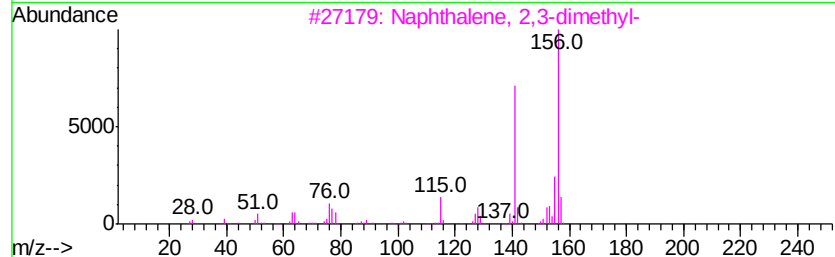
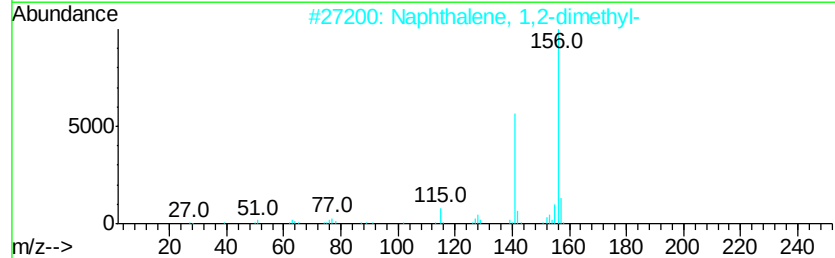
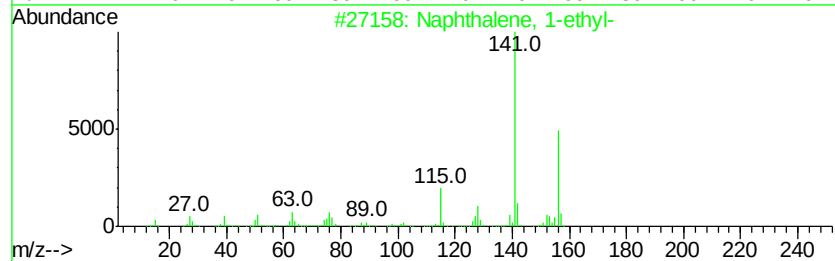
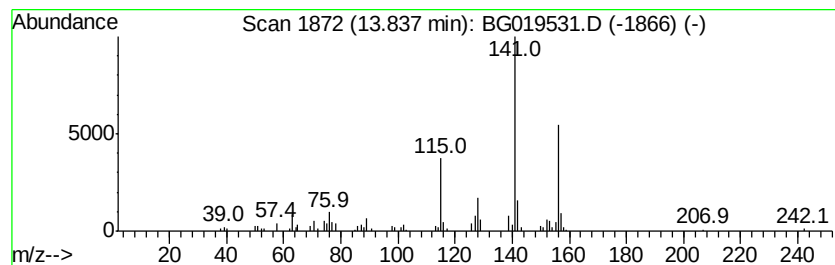
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.58 ng/ul	148747	Acenaphthene-d10	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 94
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93
5		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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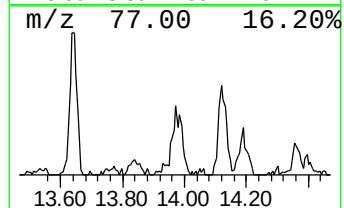
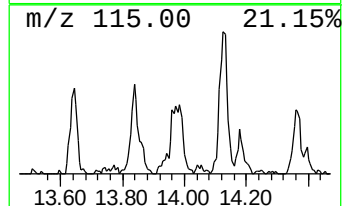
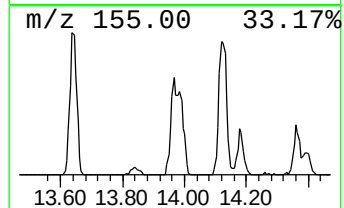
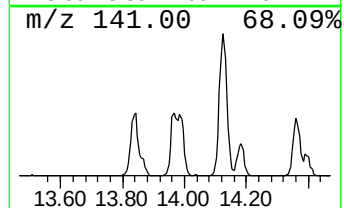
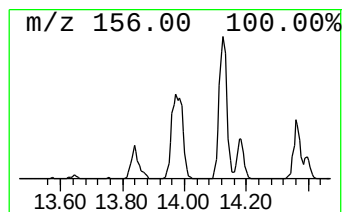
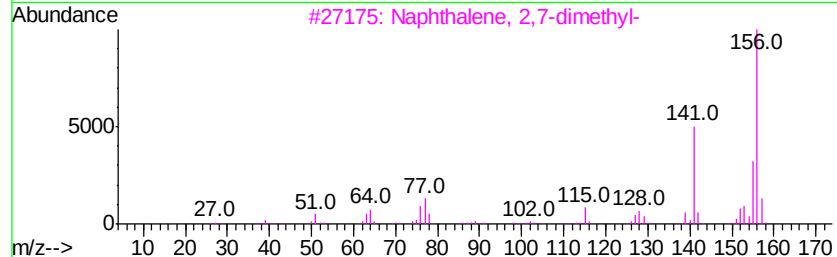
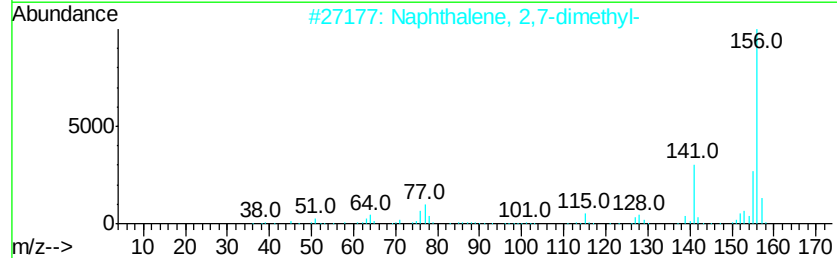
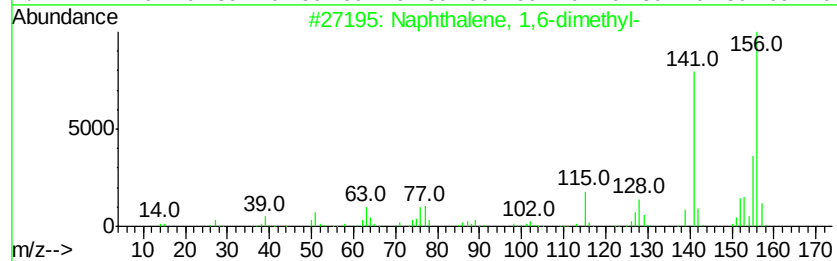
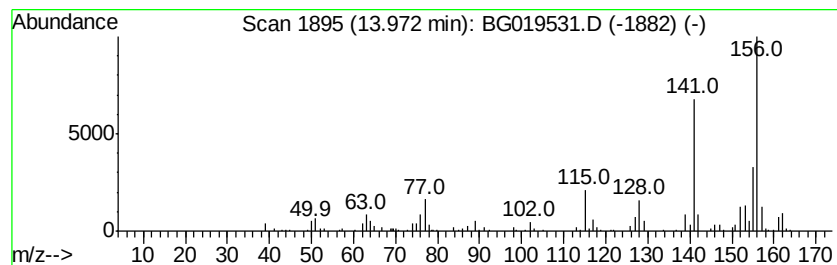
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.32 ng/ul	222079	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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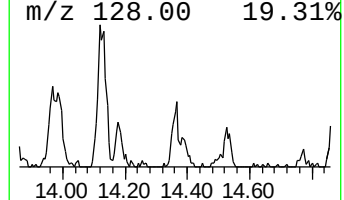
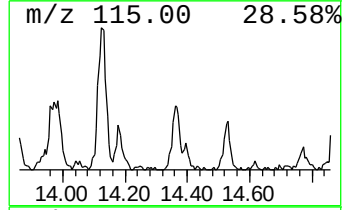
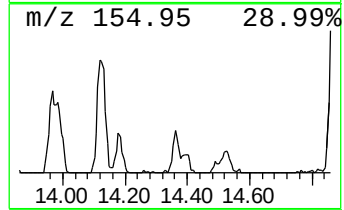
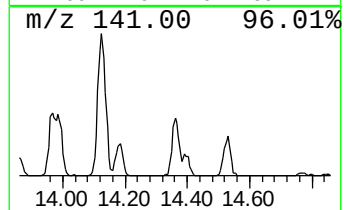
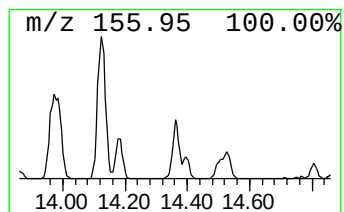
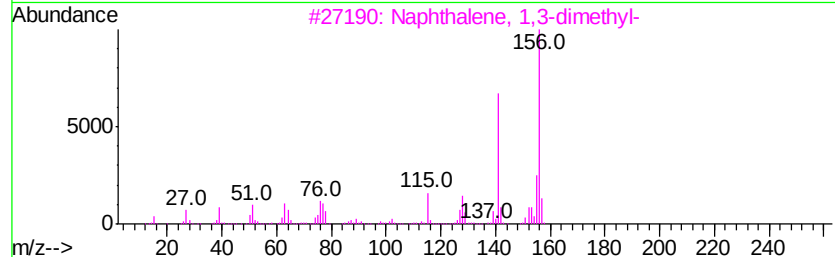
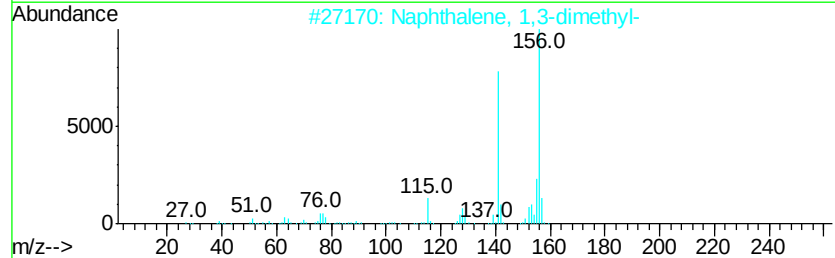
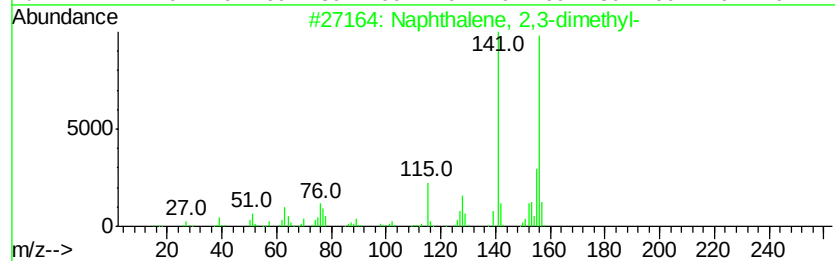
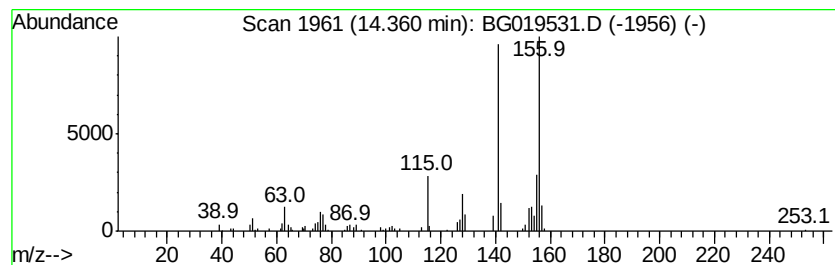
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.13 ng/ul	136851	Acenaphthene-d10	14.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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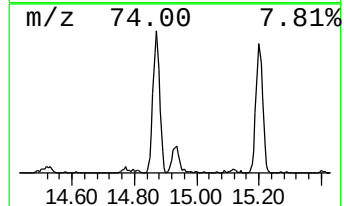
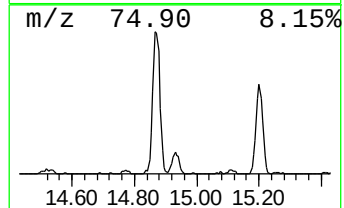
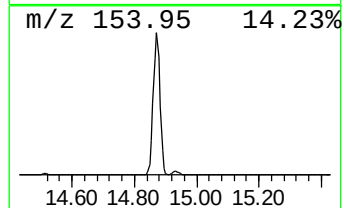
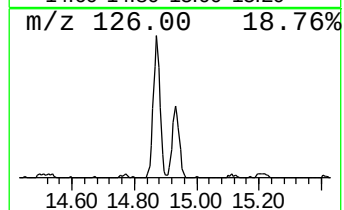
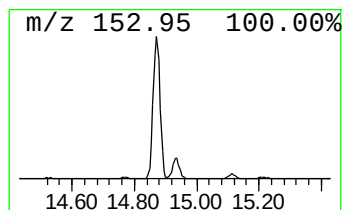
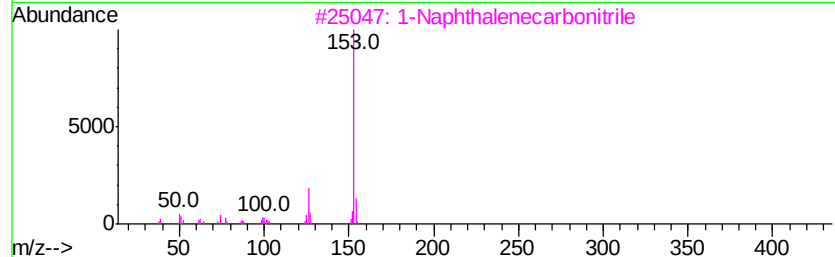
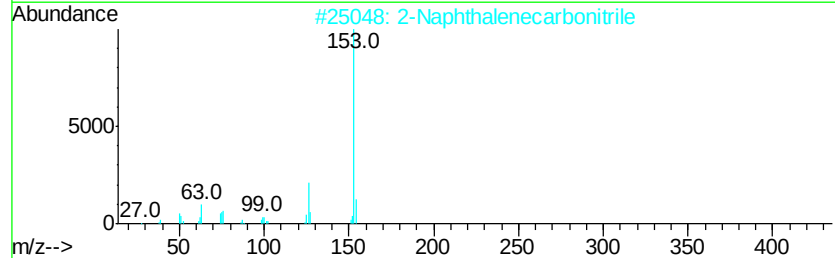
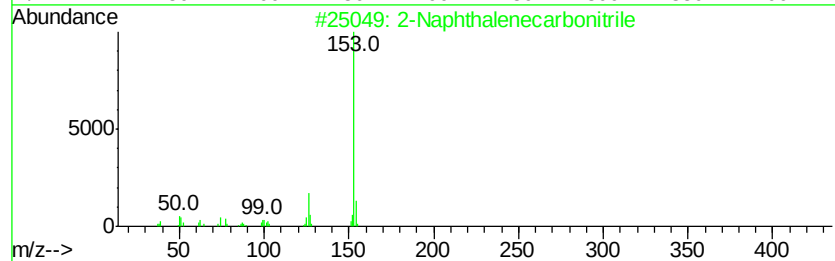
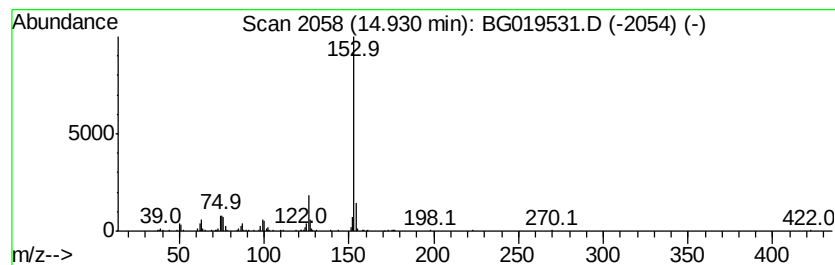
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 2-Naphthalenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.15 ng/ul	164057	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
2		2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
3		1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
4		2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5		1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
Sample : G4245-16DL 5X
Misc :
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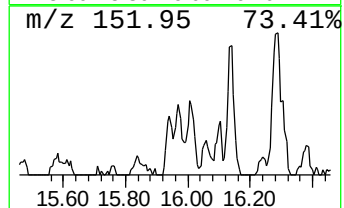
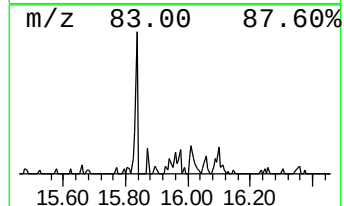
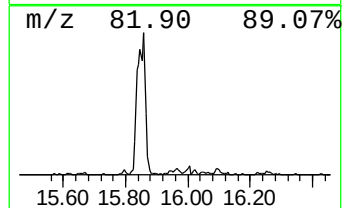
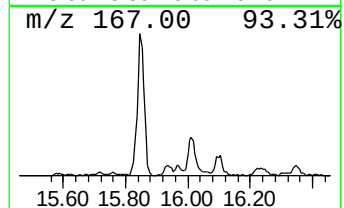
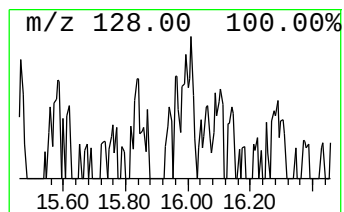
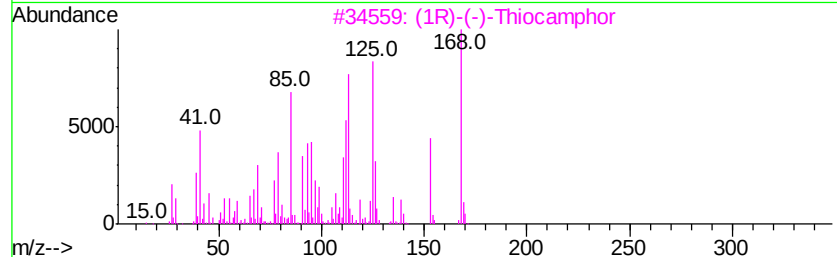
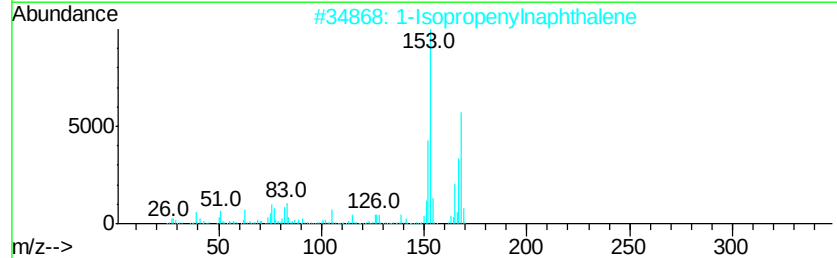
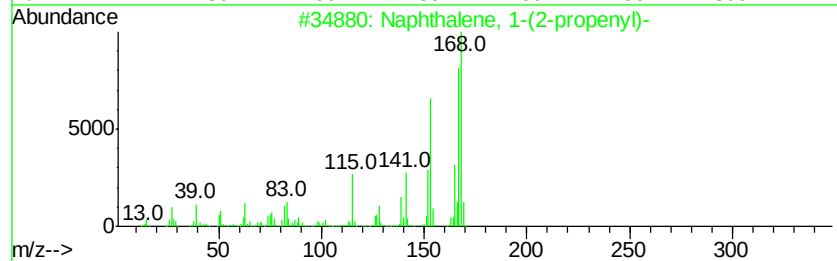
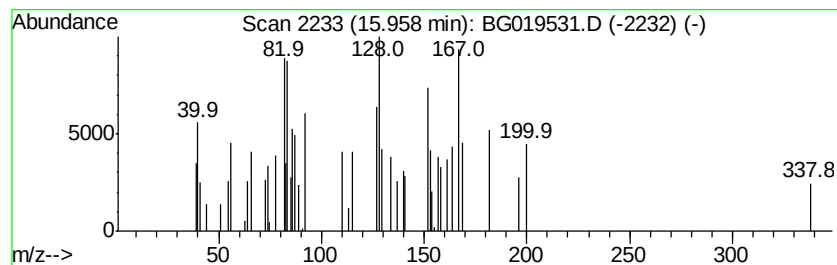
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Naphthalene, 1-(2-propenyl)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.35 ng/ul	62671	Acenaphthene-d10	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 59
2		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 52
3		(1R)-(-)-Thiocamphor	168 C10H16S	053402-10-1 49
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 38
5		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
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ClientSampleId :
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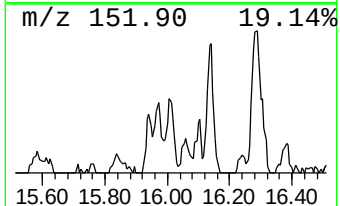
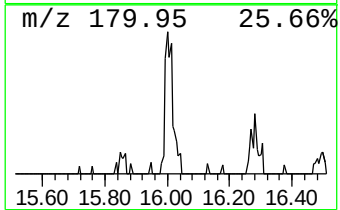
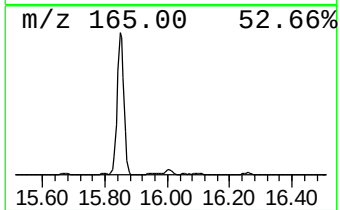
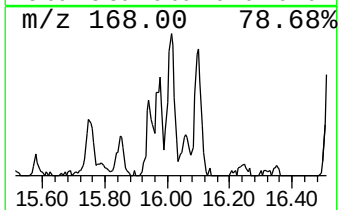
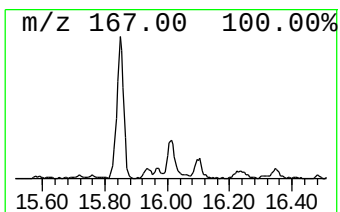
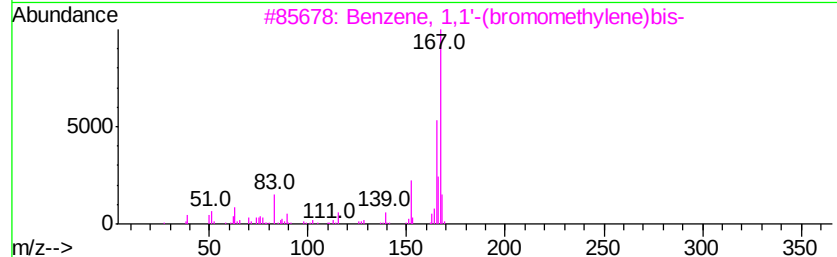
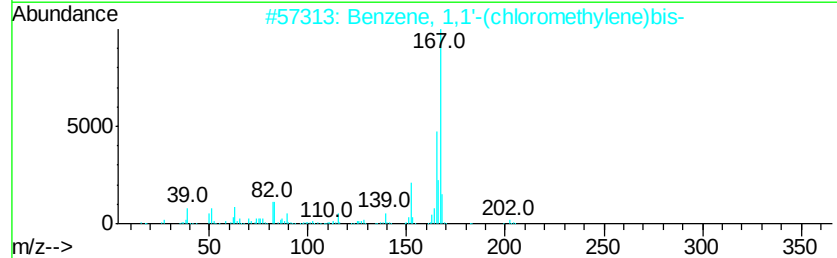
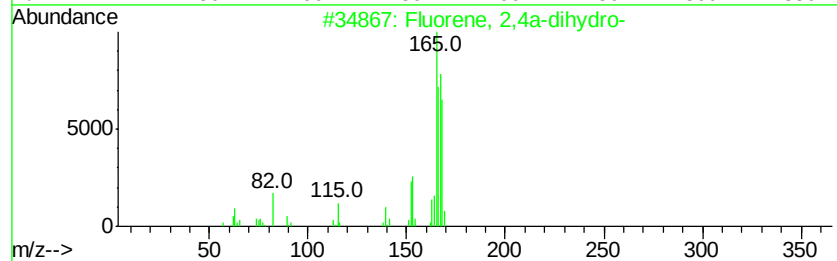
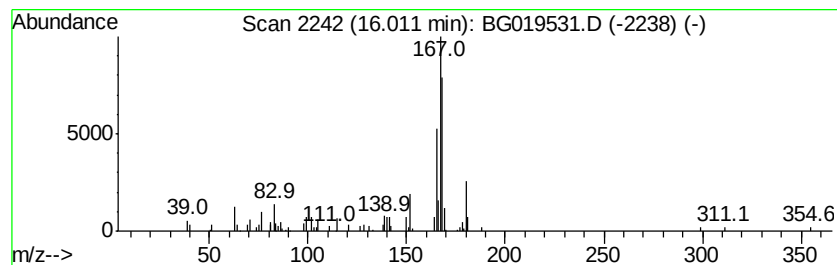
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Fluorene, 2,4a-dihydro- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	3.64 ng/ul	97065	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
2		Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	53
3		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	53
4		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	47
5		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
Data File : BG019531.D
Acq On : 9 Nov 2015 13:58
Operator : UM/NP
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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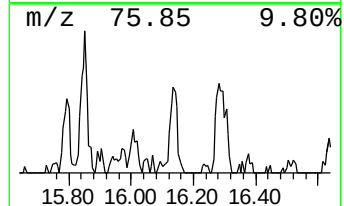
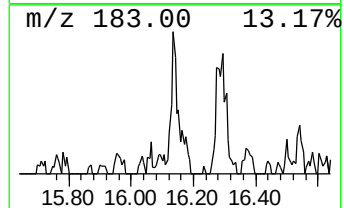
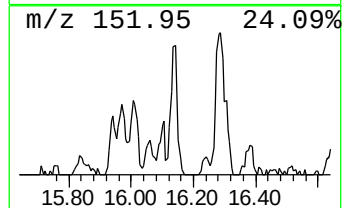
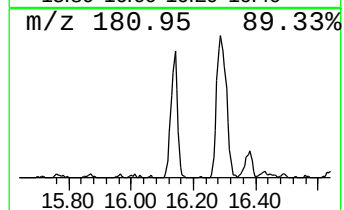
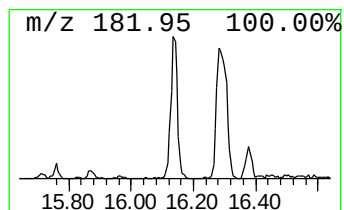
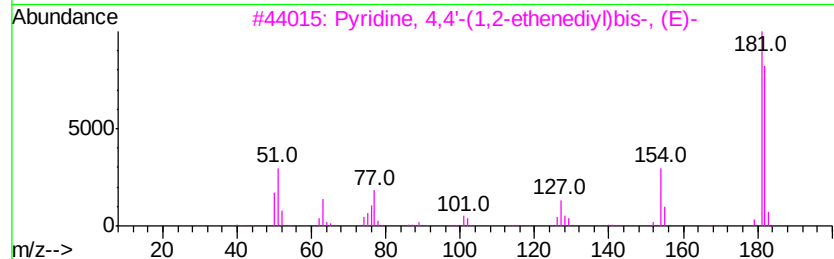
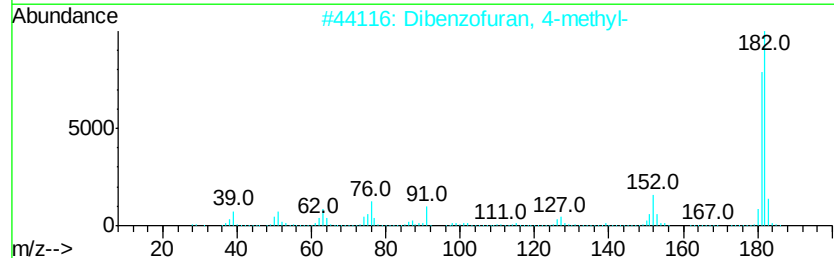
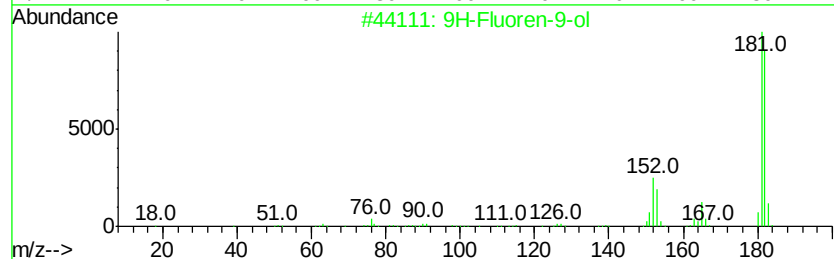
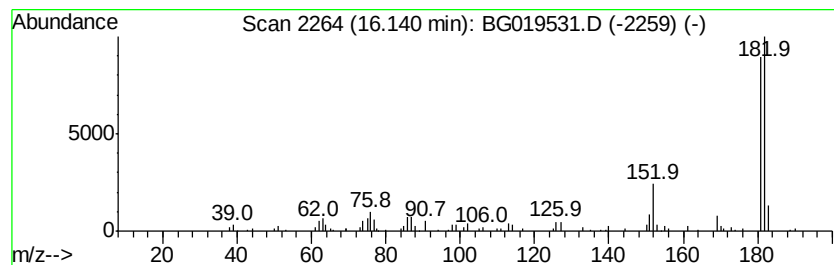
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 9H-Fluoren-9-ol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	5.05 ng/ul	134661	Acenaphthene-d10	14.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3			Pyridine, 4,4'-(1,2-ethenedivl)b...	182	C12H10N2	013362-78-2	72
4			Pyridine, 4,4'-(1,2-ethenedivl)bis-	182	C12H10N2	001135-32-6	64
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110915\
 Data File : BG019531.D
 Acq On : 9 Nov 2015 13:58
 Operator : UM/NP
 Sample : G4245-16DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY51DL

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
Benzene, 1-ethyl-...	7.24	4.4	ng/ul	52262	1	8.17	239810	20.0
Benzene, 1,2,3-tr...	7.38	9.7	ng/ul	115797	1	8.17	239810	20.0
Indane	8.56	75.3	ng/ul	902809	1	8.17	239810	20.0
Indene	8.72	24.1	ng/ul	288807	1	8.17	239810	20.0
Benzene, 1-ethyl-...	8.81	3.7	ng/ul	44757	1	8.17	239810	20.0
Benzene, 1-methyl...	9.28	4.1	ng/ul	48710	1	8.17	239810	20.0
Benzofuran, 7-met...	9.54	9.1	ng/ul	109171	1	8.17	239810	20.0
3-Phenyl-2-propyn...	9.73	3.8	ng/ul	50906	2	11.01	268780	20.0
Benzene, 1,3-diet...	9.81	2.7	ng/ul	36178	2	11.01	268780	20.0
Benzene, 1,2,4,5-...	9.87	3.0	ng/ul	39979	2	11.01	268780	20.0
1H-Indene, 2,3-di...	10.24	8.1	ng/ul	108891	2	11.01	268780	20.0
Benzene, 1-buteny...	10.39	22.6	ng/ul	303025	2	11.01	268780	20.0
Benzene, 1-butylnyl-	10.49	6.6	ng/ul	88644	2	11.01	268780	20.0
2-Propenal, 2-met...	11.41	4.2	ng/ul	56101	2	11.01	268780	20.0
Benzo[b]thiophene...	12.10	6.1	ng/ul	82333	2	11.01	268780	20.0
Benzo[b]thiophene...	12.54	7.1	ng/ul	95929	2	11.01	268780	20.0
Benzo[b]thiophene...	12.76	5.2	ng/ul	70077	2	11.01	268780	20.0
Naphthalene, 1-et...	13.84	5.6	ng/ul	148747	3	14.81	533528	20.0
Naphthalene, 1,6-...	13.97	8.3	ng/ul	222079	3	14.81	533528	20.0
Naphthalene, 2,3-...	14.36	5.1	ng/ul	136851	3	14.81	533528	20.0
2-Naphthalenecarb...	14.93	6.2	ng/ul	164057	3	14.81	533528	20.0
Naphthalene, 1-(2...	15.96	2.4	ng/ul	62671	3	14.81	533528	20.0
Fluorene, 2,4a-di...	16.01	3.6	ng/ul	97065	3	14.81	533528	20.0
9H-Fluoren-9-ol	16.14	5.0	ng/ul	134661	3	14.81	533528	20.0