

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025216.D
 Acq On : 15 Dec 2016 17:59
 Operator : UM/SJ
 Sample : H5995-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA870

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.216	60	64	79	rVB	12369	40699	2.37%	0.150%
2	3.592	123	128	137	rVB7	10084	26733	1.56%	0.098%
3	5.296	412	418	424	rBV3	14628	25638	1.49%	0.094%
4	6.847	679	682	690	rVB5	13268	28035	1.63%	0.103%
5	7.388	764	774	786	rBV3	217115	507728	29.61%	1.870%
6	7.547	795	801	814	rBV	153275	279257	16.28%	1.029%
7	7.764	829	838	852	rVV	212803	413155	24.09%	1.522%
8	8.234	911	918	928	rVB	264090	488336	28.48%	1.799%
9	8.863	1019	1025	1031	rBV6	17323	40952	2.39%	0.151%
10	8.939	1031	1038	1048	rVV	272652	517572	30.18%	1.906%
11	9.033	1048	1054	1064	rVB	14686	47914	2.79%	0.176%
12	9.415	1111	1119	1130	rVV2	241050	473052	27.58%	1.742%
13	9.732	1164	1173	1176	rVB2	12660	31485	1.84%	0.116%
14	9.779	1178	1181	1189	rVB6	21804	47787	2.79%	0.176%
15	10.138	1228	1242	1252	rBV2	211425	447212	26.08%	1.647%
16	10.232	1252	1258	1265	rVV2	15172	45903	2.68%	0.169%
17	10.302	1265	1270	1278	rVB9	9289	20641	1.20%	0.076%
18	10.473	1288	1299	1307	rVB6	35187	108084	6.30%	0.398%
19	10.608	1318	1322	1326	rVB4	20173	27647	1.61%	0.102%
20	10.678	1327	1334	1349	rVB	306555	596653	34.79%	2.197%
21	10.890	1363	1370	1379	rBV	16702	55001	3.21%	0.203%
22	10.996	1382	1388	1389	rBV5	14623	28190	1.64%	0.104%
23	11.060	1393	1399	1406	rBV	363132	661535	38.58%	2.436%
24	11.201	1412	1423	1434	rBV	210290	482161	28.12%	1.776%
25	11.289	1434	1438	1453	rVB3	60887	207340	12.09%	0.764%
26	11.419	1453	1460	1463	rBV2	74691	137149	8.00%	0.505%
27	11.460	1463	1467	1473	rVB3	144358	274048	15.98%	1.009%
28	11.524	1474	1478	1488	rVB4	59501	95956	5.60%	0.353%
29	11.642	1492	1498	1505	rVB9	17343	33101	1.93%	0.122%
30	11.718	1505	1511	1519	rVB10	21120	45286	2.64%	0.167%
31	11.812	1522	1527	1533	rBV9	21951	42690	2.49%	0.157%
32	11.865	1533	1536	1542	rVV7	20816	34667	2.02%	0.128%
33	11.959	1545	1552	1555	rBV7	19488	40202	2.34%	0.148%
34	12.006	1555	1560	1566	rVB5	58939	123843	7.22%	0.456%

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35	12.088	1566	1574	1578	rBV2	56525	120612	7.03%	0.444%
36	12.182	1587	1590	1594	rVB3	23211	31688	1.85%	0.117%
37	12.253	1597	1602	1609	rVB5	59732	138791	8.09%	0.511%
38	12.359	1610	1620	1626	rBV7	37149	104156	6.07%	0.384%
39	12.423	1626	1631	1636	rBV8	25761	60851	3.55%	0.224%
40	12.511	1641	1646	1652	rVV4	38966	81748	4.77%	0.301%
41	12.576	1652	1657	1666	rVB3	62491	190987	11.14%	0.703%
42	12.652	1667	1670	1673	rVV5	19365	29546	1.72%	0.109%
43	12.705	1673	1679	1680	rVV2	63470	100994	5.89%	0.372%
44	12.735	1680	1684	1688	rVV2	143114	262140	15.29%	0.965%
45	12.770	1688	1690	1696	rVV5	88643	198674	11.58%	0.732%
46	12.846	1696	1703	1710	rVV4	104713	370462	21.60%	1.364%
47	12.917	1710	1715	1721	rVB2	117161	208247	12.14%	0.767%
48	13.005	1722	1730	1739	rVB4	87903	205322	11.97%	0.756%
49	13.093	1739	1745	1751	rBV7	71833	143519	8.37%	0.529%
50	13.205	1759	1764	1769	rVB9	45704	70256	4.10%	0.259%
51	13.269	1769	1775	1779	rBV7	47119	97990	5.71%	0.361%
52	13.346	1784	1788	1790	rBV	64065	91706	5.35%	0.338%
53	13.446	1802	1805	1815	rVB9	30735	74902	4.37%	0.276%
54	13.575	1819	1827	1831	rBV6	56603	128108	7.47%	0.472%
55	13.628	1832	1836	1842	rVB4	53078	111827	6.52%	0.412%
56	13.687	1843	1846	1850	rBV2	17340	25707	1.50%	0.095%
57	13.798	1859	1865	1868	rBV4	57105	109221	6.37%	0.402%
58	13.910	1877	1884	1888	rVB6	51867	127544	7.44%	0.470%
59	14.033	1896	1905	1915	rVB5	91230	279342	16.29%	1.029%
60	14.168	1919	1928	1934	rBV3	96236	228620	13.33%	0.842%
61	14.245	1934	1941	1946	rVV	574828	1011429	58.98%	3.725%
62	14.292	1946	1949	1954	rVB2	110779	173203	10.10%	0.638%
63	14.409	1965	1969	1973	rBV4	34442	52995	3.09%	0.195%
64	14.491	1980	1983	1987	rVB4	54144	66469	3.88%	0.245%
65	14.556	1987	1994	2008	rVB	597214	1109246	64.68%	4.085%
66	14.715	2018	2021	2025	rVB6	25665	34608	2.02%	0.127%
67	14.809	2032	2037	2040	rBV3	124235	210431	12.27%	0.775%
68	14.856	2040	2045	2055	rVB2	665948	1098427	64.05%	4.046%
69	15.061	2073	2080	2090	rBV2	219270	525002	30.61%	1.934%
70	15.144	2090	2094	2100	rVB2	74082	130641	7.62%	0.481%
71	15.238	2105	2110	2117	rVB9	42123	97514	5.69%	0.359%

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72	15.314	2121	2123	2126	rVB3	23815	22912	1.34%	0.084%
73	15.461	2142	2148	2152	rBV6	43507	85883	5.01%	0.316%
74	15.508	2152	2156	2167	rVB5	61635	138633	8.08%	0.511%
75	15.608	2168	2173	2191	rVB5	81397	243654	14.21%	0.897%
76	15.843	2207	2213	2228	rVB	771685	1386364	80.84%	5.106%
77	15.966	2228	2234	2242	rBV	280673	455835	26.58%	1.679%
78	16.095	2253	2256	2261	rVB7	28189	41067	2.39%	0.151%
79	16.330	2294	2296	2303	rVB8	18651	31240	1.82%	0.115%
80	16.430	2309	2313	2321	rVB6	31026	72190	4.21%	0.266%
81	16.501	2321	2325	2328	rBV2	48386	70654	4.12%	0.260%
82	16.548	2329	2333	2340	rVB2	66343	109672	6.40%	0.404%
83	16.724	2358	2363	2368	rVB2	73213	110520	6.44%	0.407%
84	16.812	2373	2378	2382	rVB5	55173	74541	4.35%	0.275%
85	16.900	2386	2393	2397	rVB9	23134	43500	2.54%	0.160%
86	16.942	2397	2400	2405	rBV7	19151	26526	1.55%	0.098%
87	17.288	2457	2459	2465	rVB3	33371	39723	2.32%	0.146%
88	17.600	2504	2512	2522	rBV2	826682	1359046	79.25%	5.005%
89	17.699	2522	2529	2536	rBV	878887	1387042	80.88%	5.108%
90	17.764	2536	2540	2547	rVB6	51372	94256	5.50%	0.347%
91	18.034	2582	2586	2594	rVB7	30368	57759	3.37%	0.213%
92	18.434	2647	2654	2663	rBV7	59459	114578	6.68%	0.422%
93	18.522	2666	2669	2672	rVB5	19616	22348	1.30%	0.082%
94	19.703	2866	2870	2876	rVB9	15336	26451	1.54%	0.097%
95	19.973	2908	2916	2927	rBV	1096807	1714926	100.00%	6.316%
96	21.466	3167	3170	3183	rVB	33803	89070	5.19%	0.328%
97	21.889	3234	3242	3254	rBV	939943	1703328	99.32%	6.273%
98	24.209	3632	3637	3645	rVB9	41704	100127	5.84%	0.369%
99	25.073	3773	3784	3799	rBV2	478859	1567261	91.39%	5.772%
100	25.308	3814	3824	3840	rVB2	448278	1384120	80.71%	5.098%

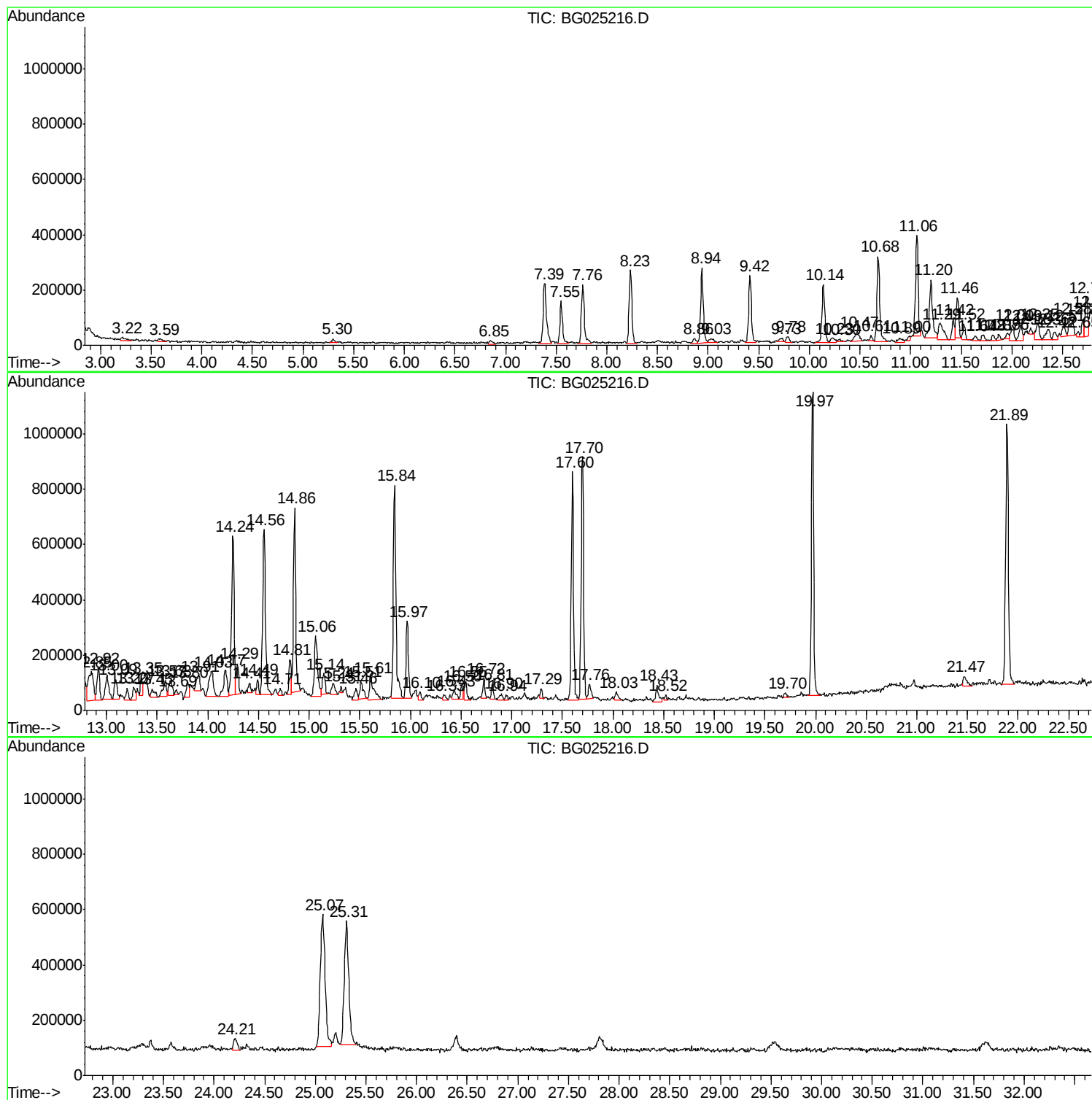
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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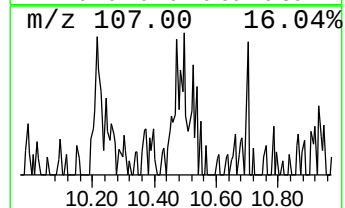
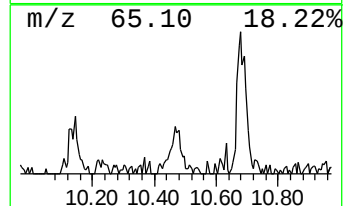
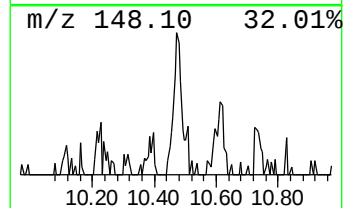
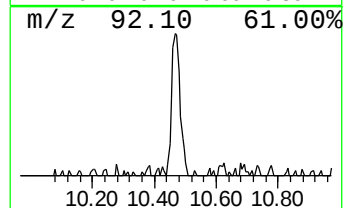
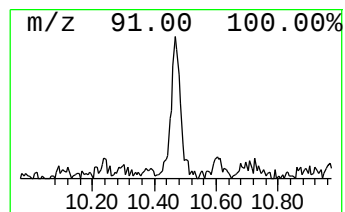
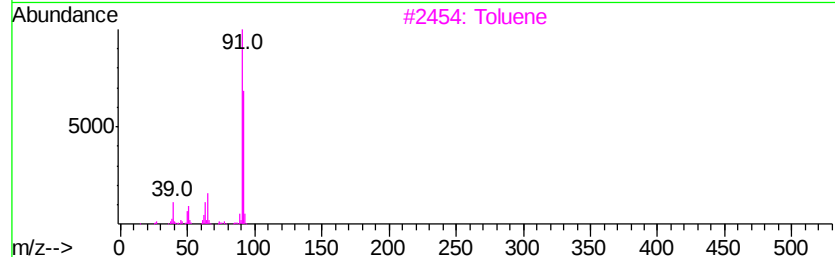
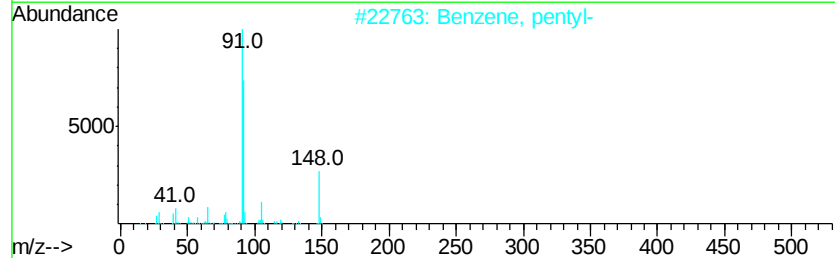
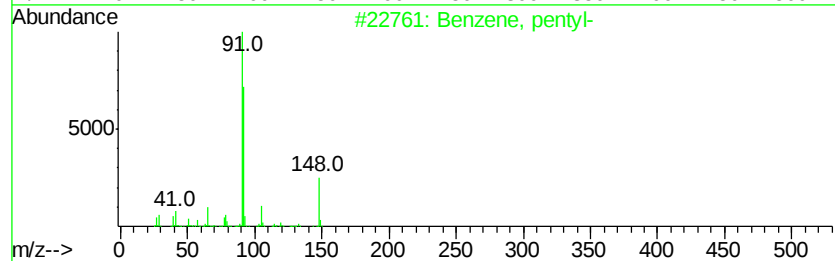
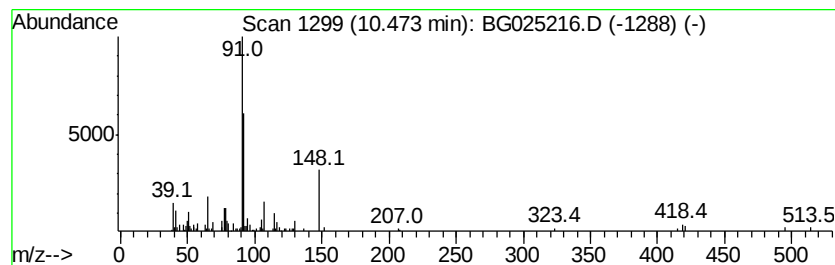
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.27 ng/ul	108084	Napthalene-d8	11.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, pentyl-	148 C11H16	000538-68-1 53
2		Benzene, pentyl-	148 C11H16	000538-68-1 53
3		Toluene	92 C7H8	000108-88-3 46
4		Phenvlethyl Alcohol	122 C8H10O	000060-12-8 43
5		Toluene	92 C7H8	000108-88-3 43



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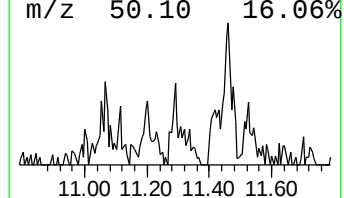
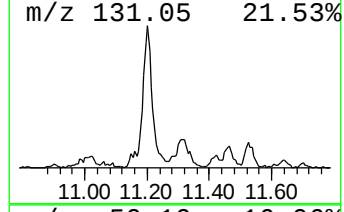
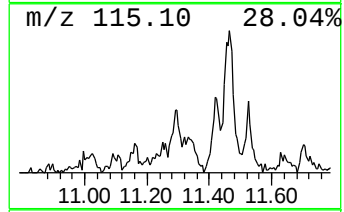
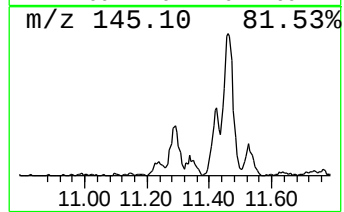
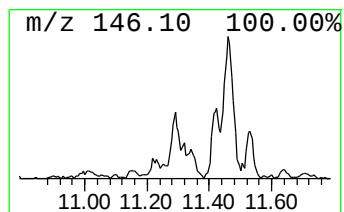
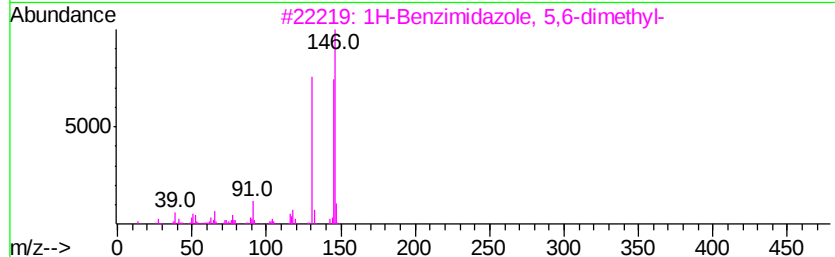
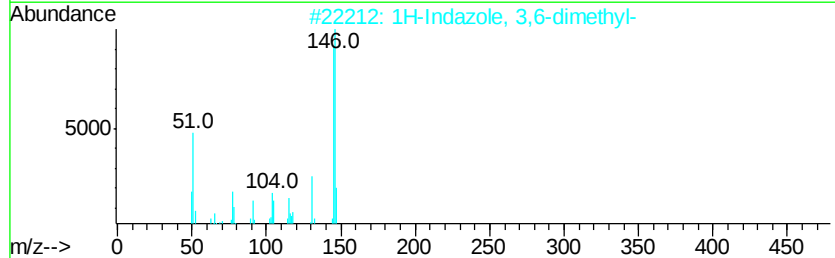
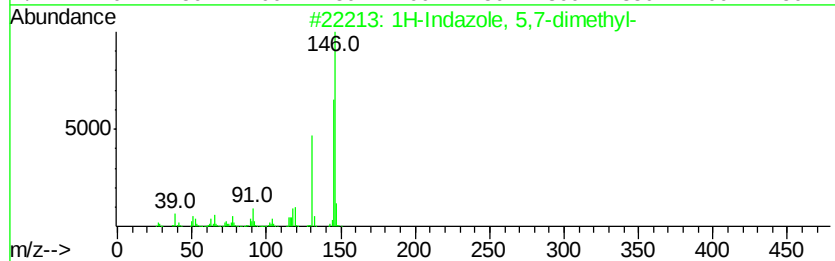
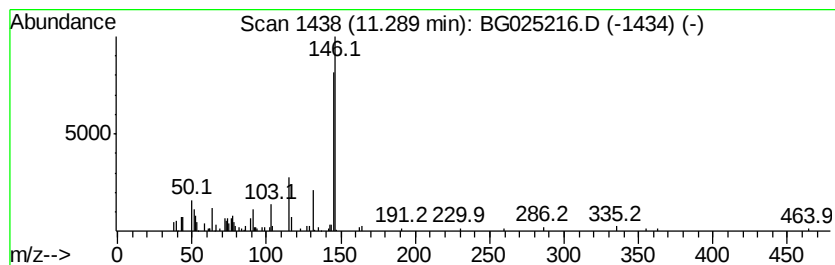
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1H-Indazole, 5,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.29	6.27 ng/ul	207340	Naphthalene-d8	11.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	64	
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	56	
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53	
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53	
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	47	



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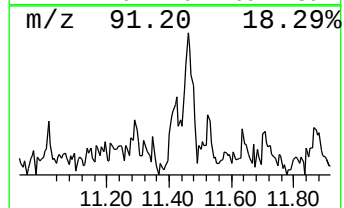
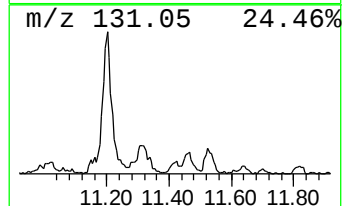
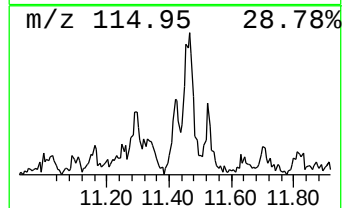
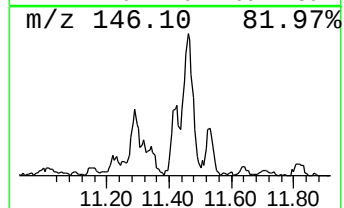
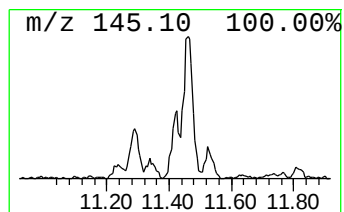
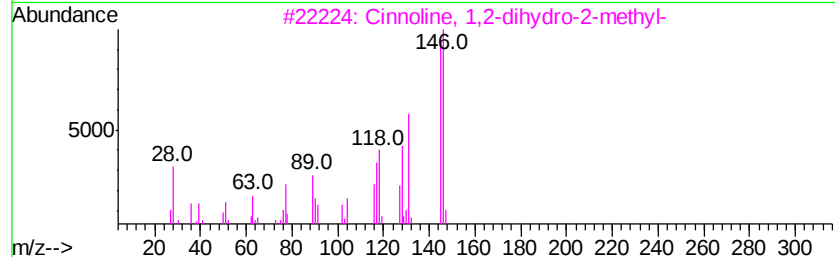
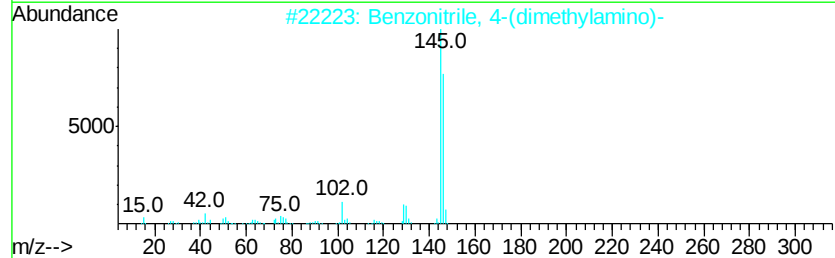
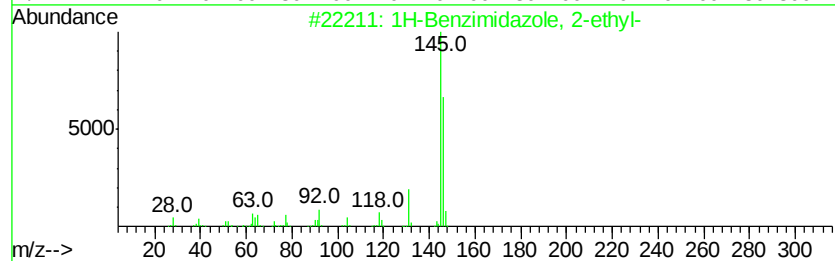
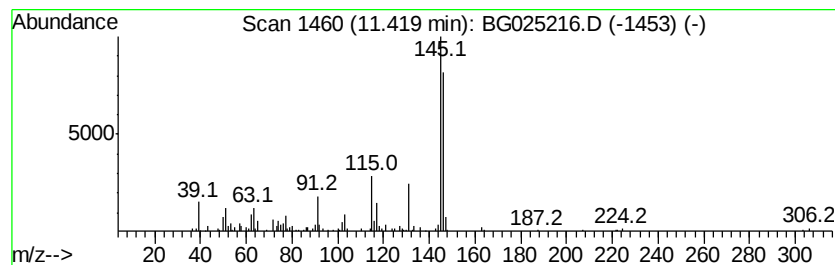
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Peak Number 3 1H-Benzimidazole, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.42	4.15 ng/ul	137149	Naphthalene-d8	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	50
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
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Instrument :
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ClientSampleId :
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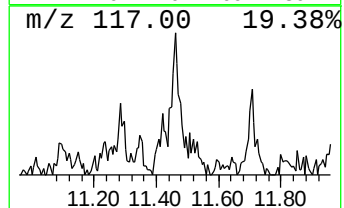
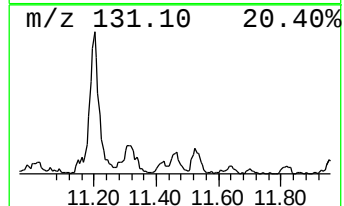
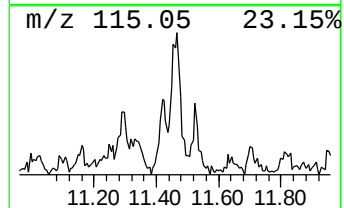
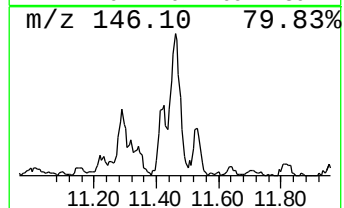
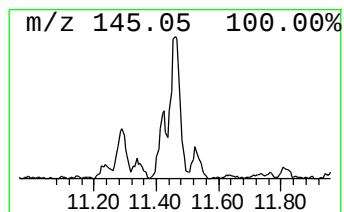
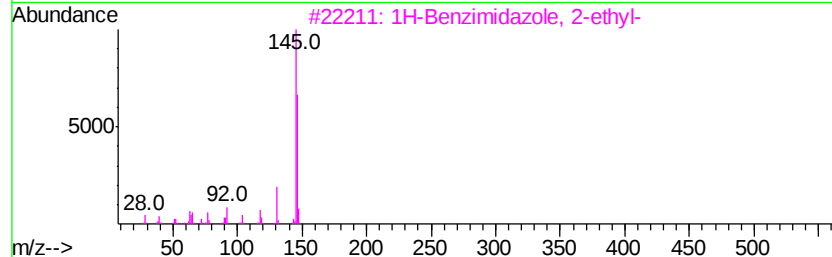
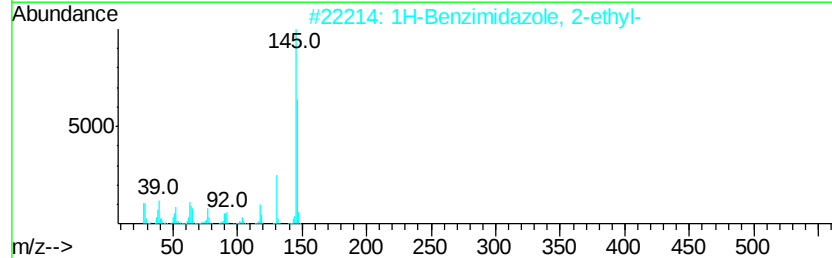
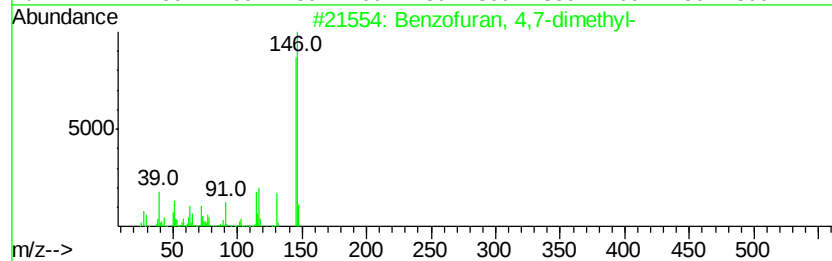
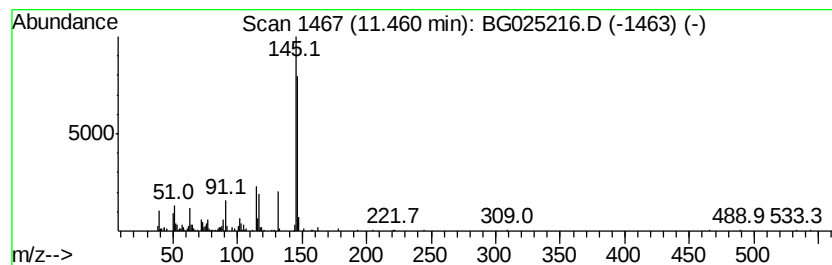
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzofuran, 4,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	8.29 ng/ul	274048	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	86
2		1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3		1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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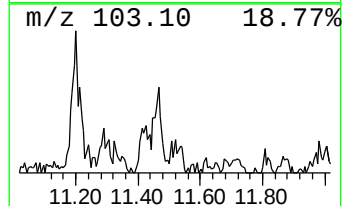
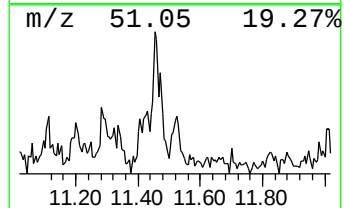
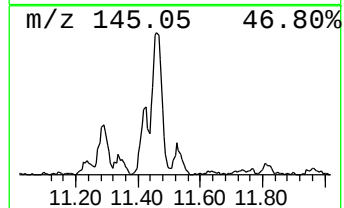
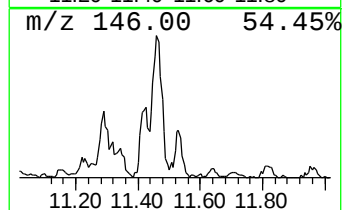
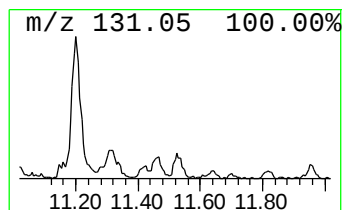
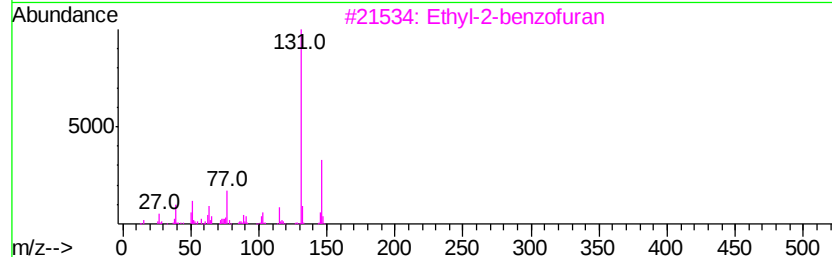
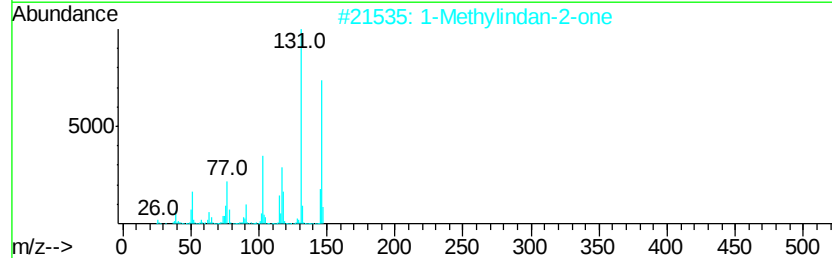
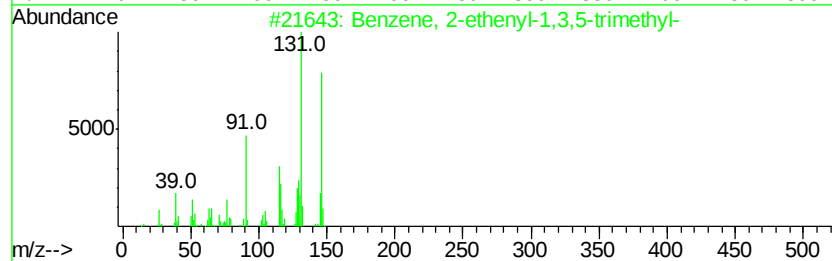
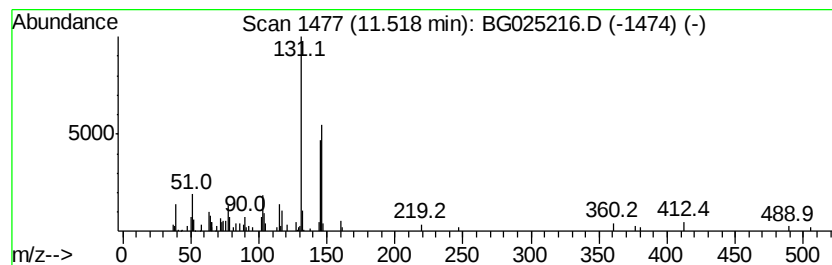
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.90 ng/ul	95956	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2		1-Methylindan-2-one	146	C10H10O	035587-60-1	59
3		Ethyl-2-benzofuran	146	C10H10O	003131-63-3	53
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5		(Z)-4-Chloro-3-methyl-3-hexen-2-one	146	C7H11ClO	105949-81-3	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
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Instrument :
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ClientSampleId :
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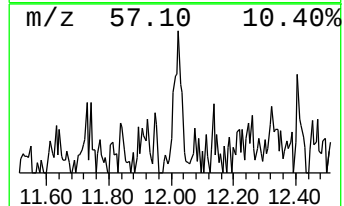
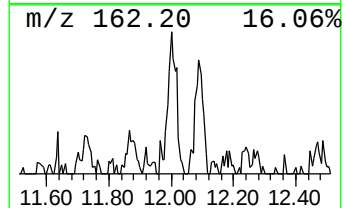
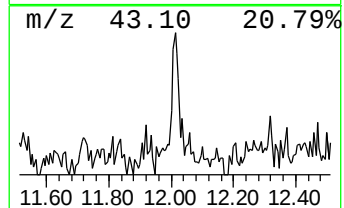
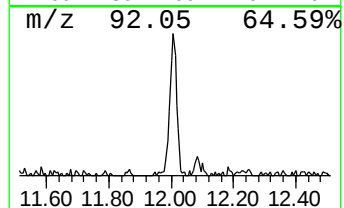
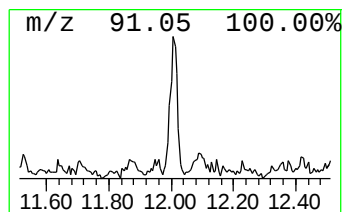
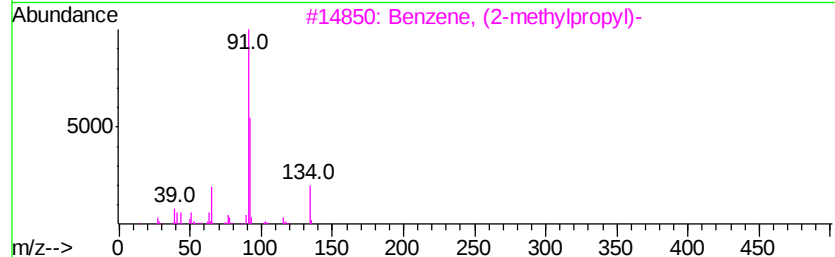
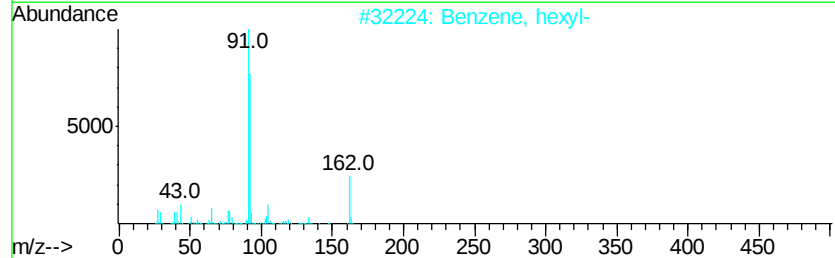
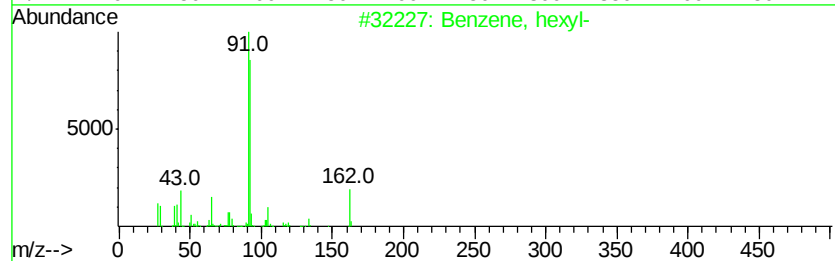
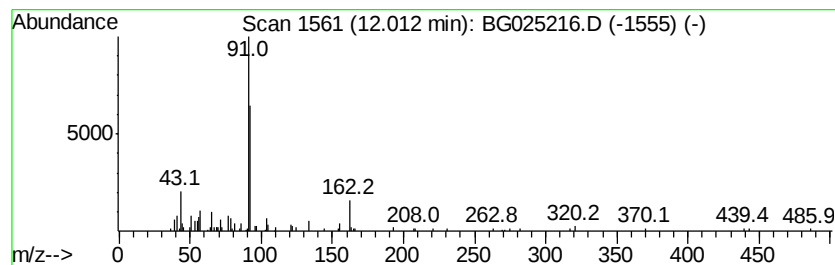
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.74 ng/ul	123843	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, hexyl-	162	C12H18	001077-16-3	68
2		Benzene, hexyl-	162	C12H18	001077-16-3	64
3		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
4		Benzene, butyl-	134	C10H14	000104-51-8	58
5		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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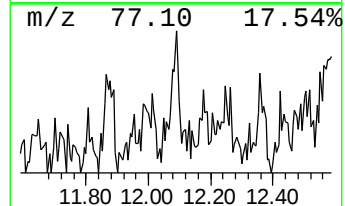
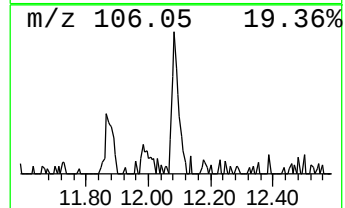
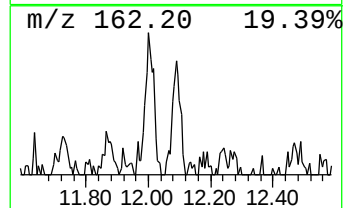
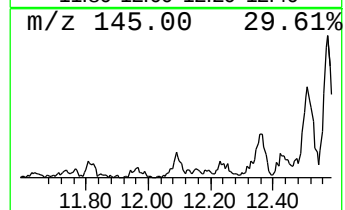
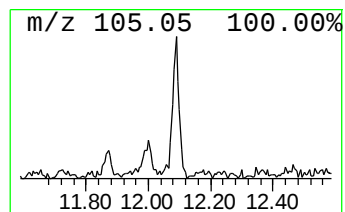
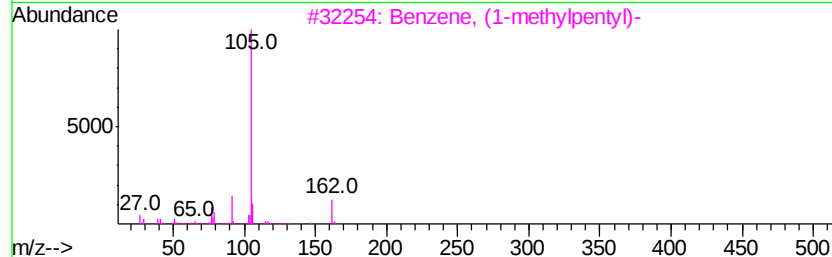
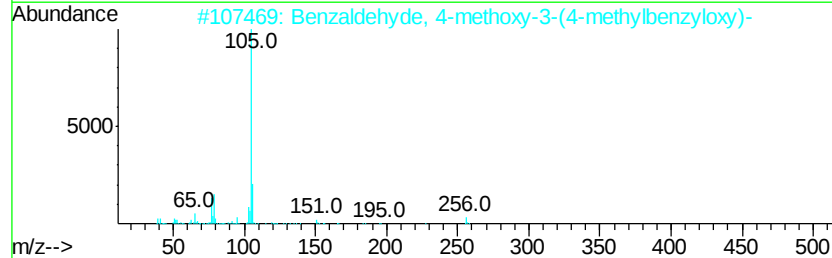
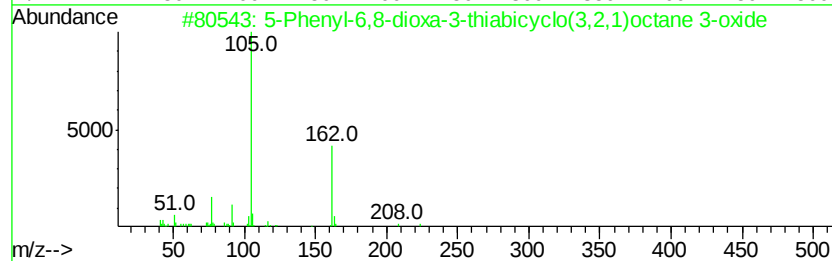
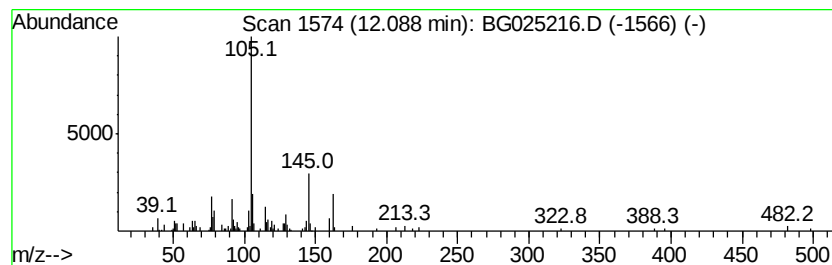
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.65 ng/ul	120612	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Phenyl-6,8-dioxa-3-thiabicyclo...	224	C11H12O3S	1000145-30-3	38
2		Benzaldehyde, 4-methoxy-3-(4-met...	256	C16H16O3	351066-34-7	35
3		Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	35
4		Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	35
5		Benzene, (1,2-dimethyl-3-butenyl)-	160	C12H16	050871-04-0	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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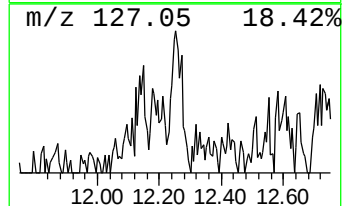
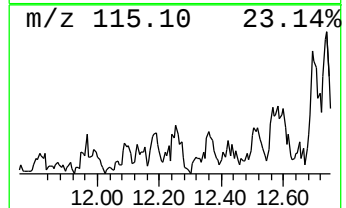
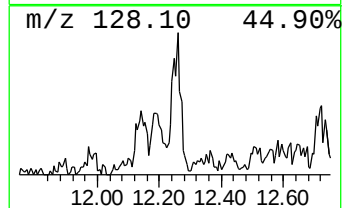
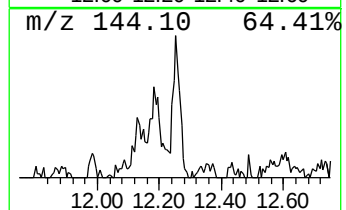
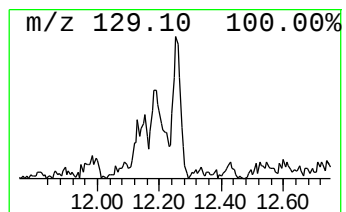
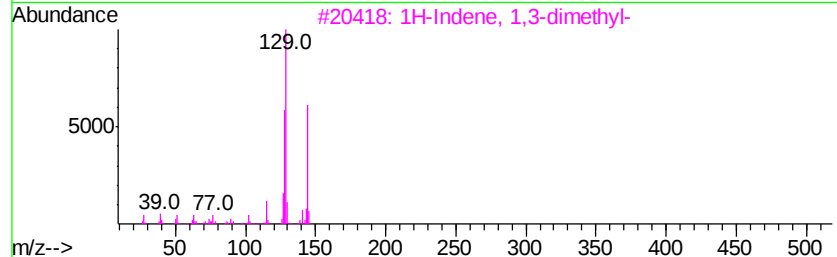
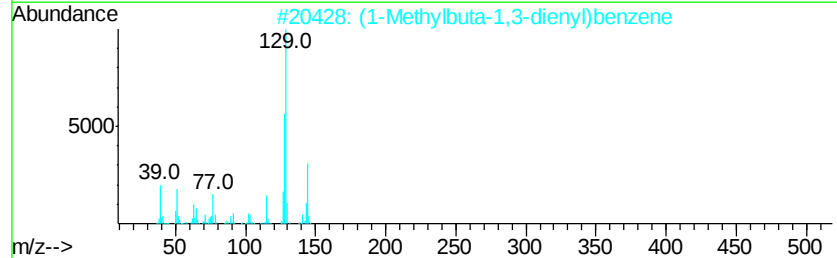
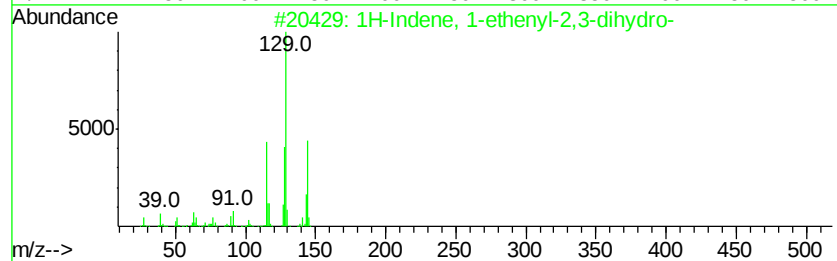
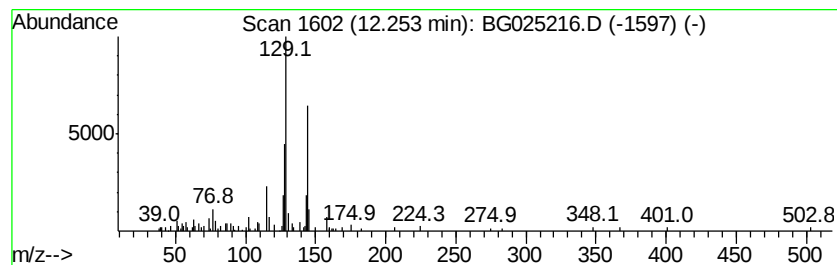
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.20 ng/ul	138791	Napthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	91
2		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
3		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
4		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Acq On : 15 Dec 2016 17:59
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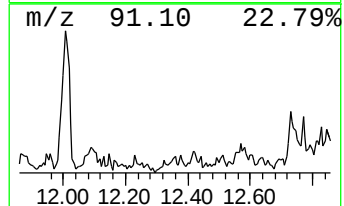
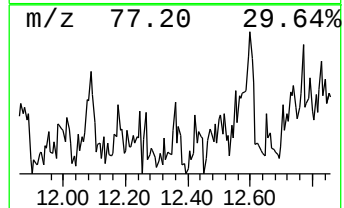
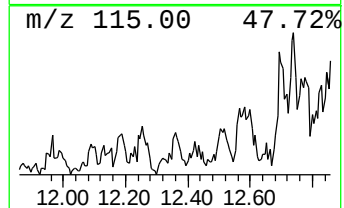
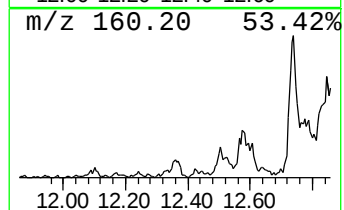
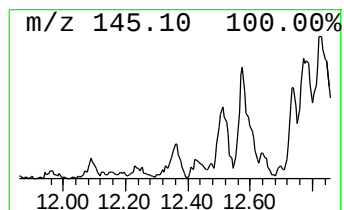
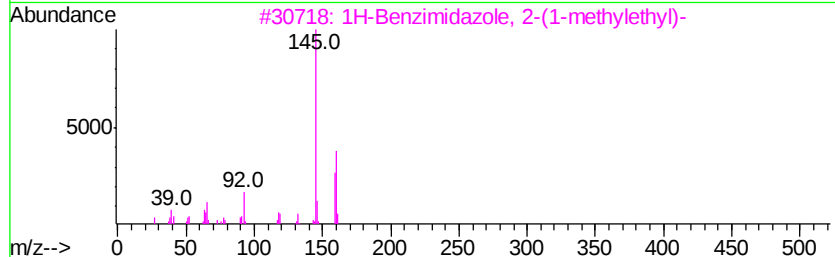
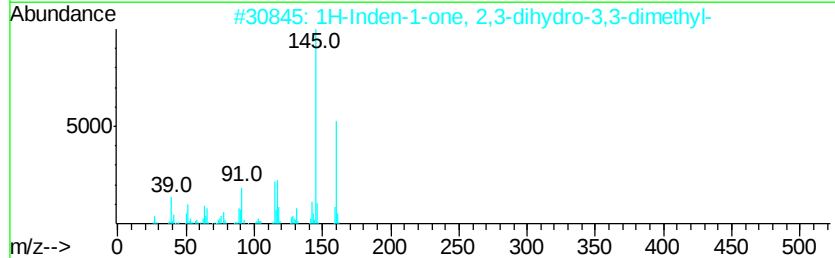
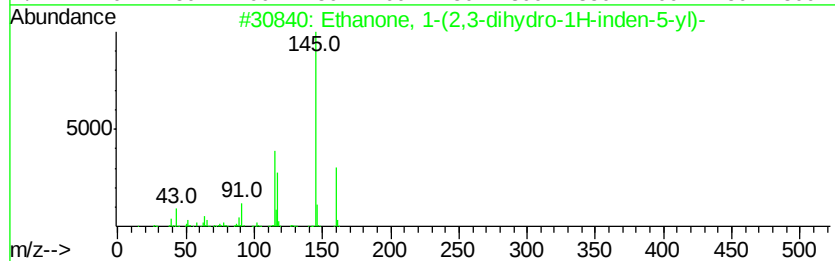
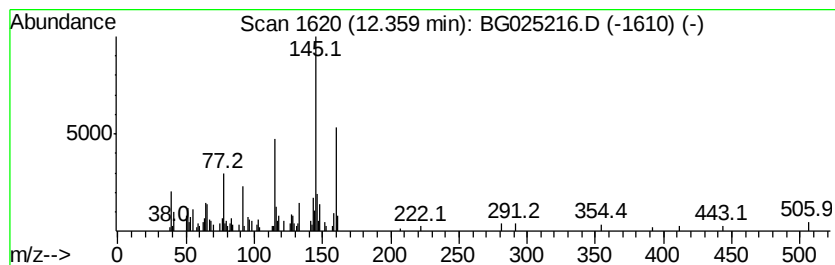
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.15 ng/ul	104156	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	72
2		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
3		1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	58
4		Benzene, 1-(1-methylethenvl)-2-(...	160	C12H16	005557-93-7	53
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
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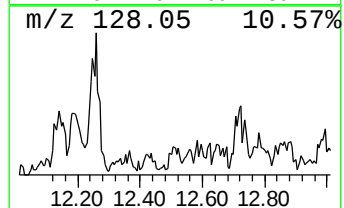
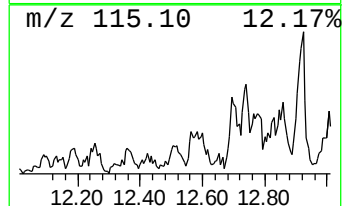
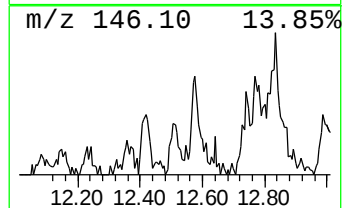
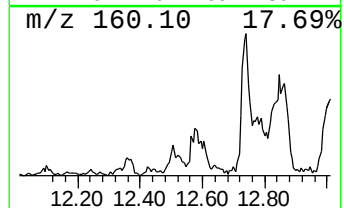
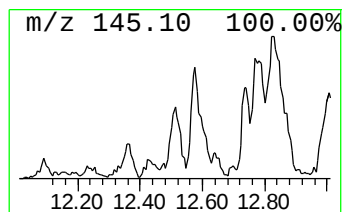
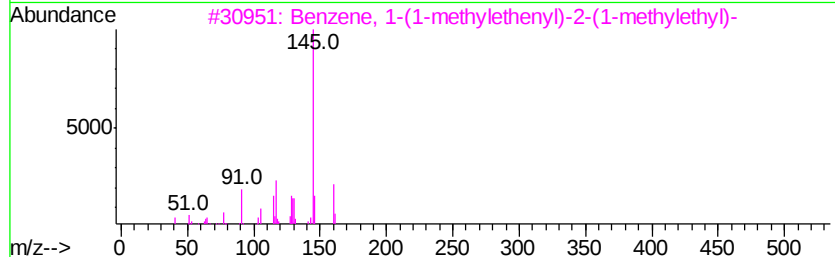
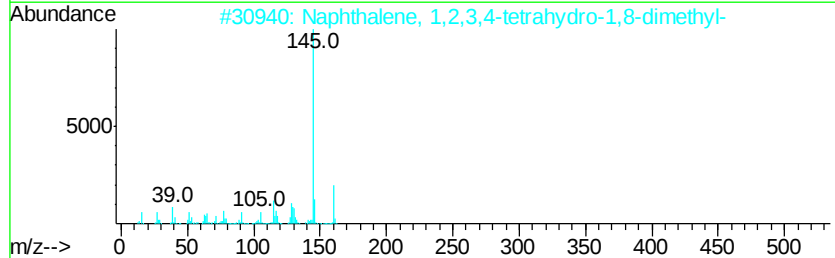
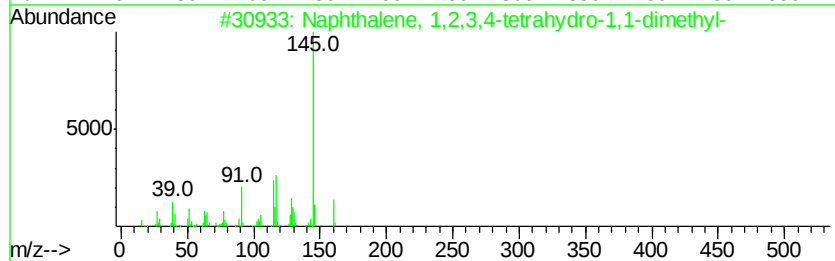
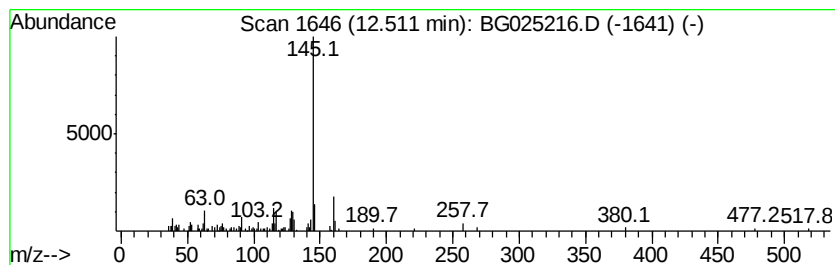
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.47 ng/ul	81748	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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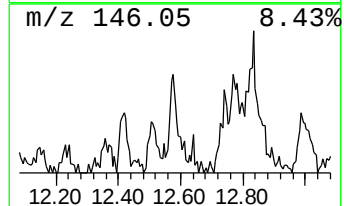
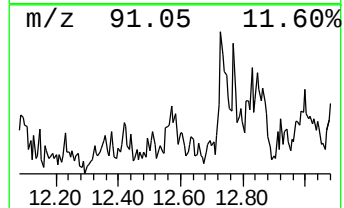
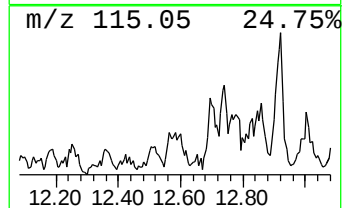
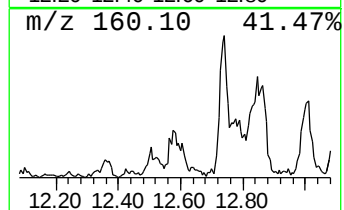
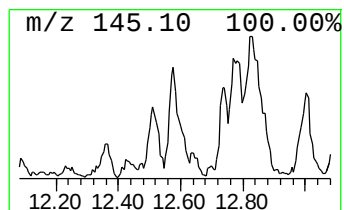
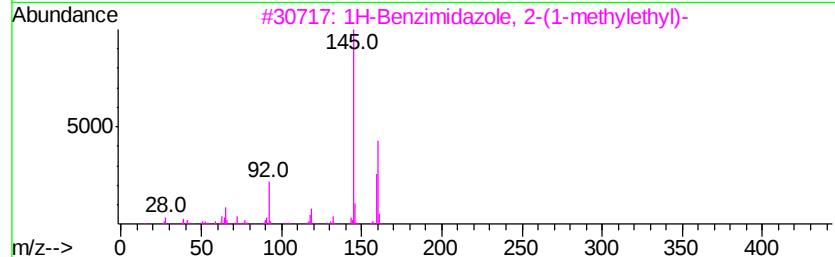
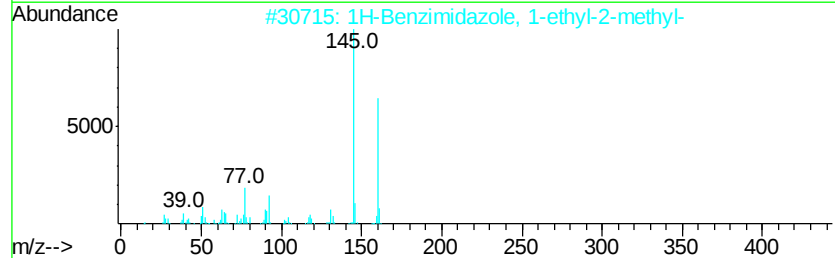
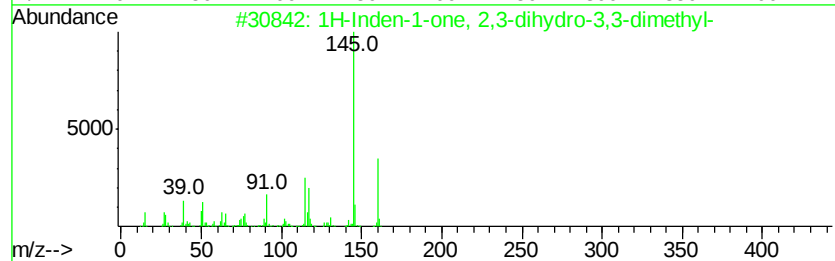
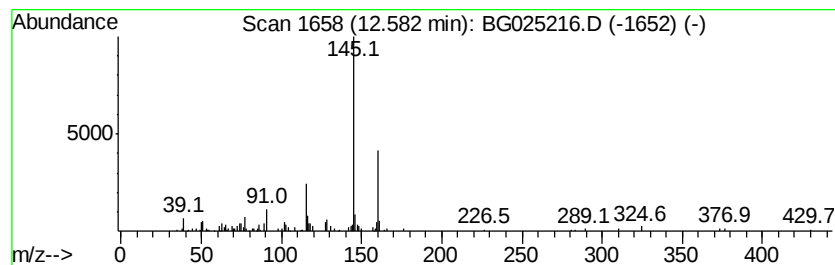
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	5.77 ng/ul	190987	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	83
2		1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	80
3		1H-Benzimidazole, 2-(1-methylethyl)-	160	C10H12N2	005851-43-4	80
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	80
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
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Sample : H5995-08
Misc :
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ClientSampleId :
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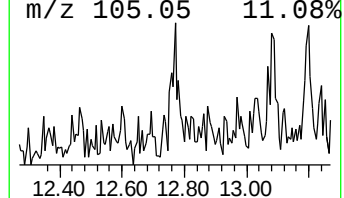
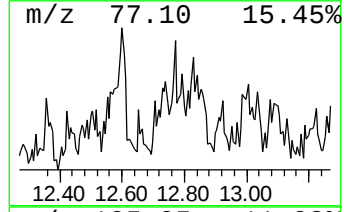
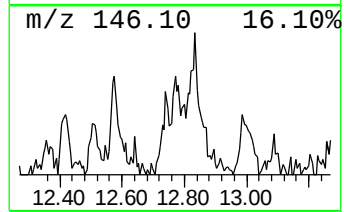
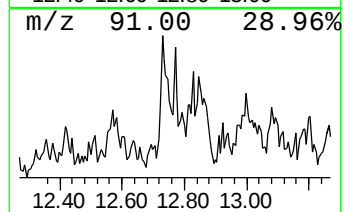
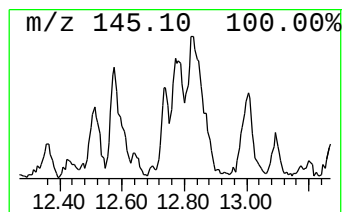
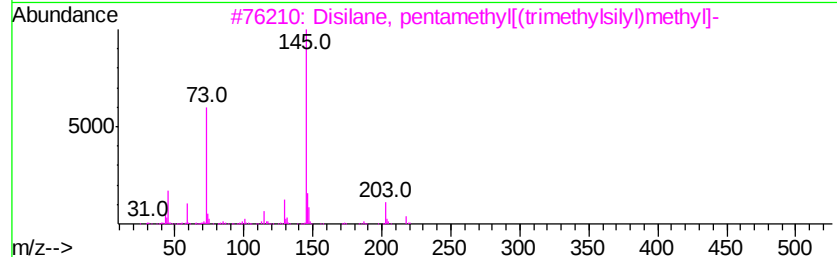
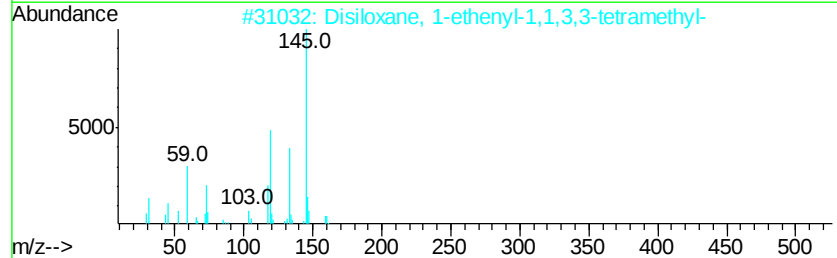
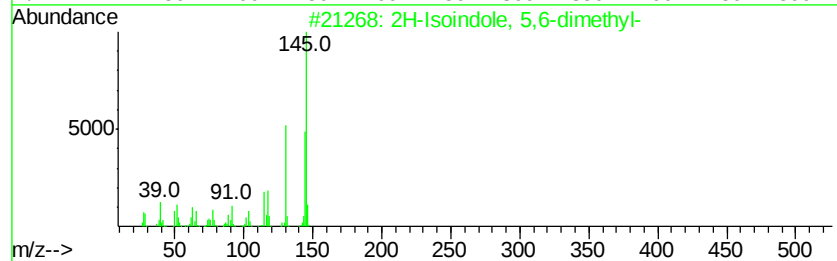
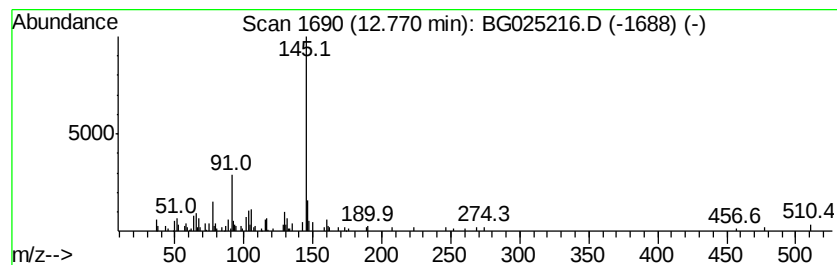
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 2H-Isoindole, 5,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.01 ng/ul	198674	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	59
2		Disiloxane, 1-ethenyl-1,1,3,3-tetra-	160	C6H16OSi2	055967-52-7	59
3		Disilane, pentamethyl[(trimethylsilyl)methyl]-	218	C9H26Si3	041116-42-1	59
4		4-Methyl-2-phenyl-pent-3-en-1-ol	176	C12H16O	1000186-49-3	56
5		2-Quinazolinamine	145	C8H7N3	001687-51-0	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
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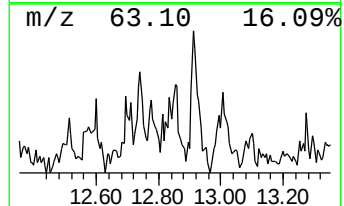
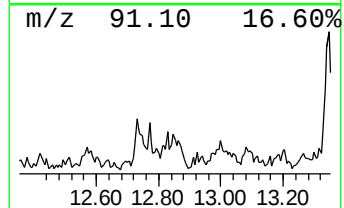
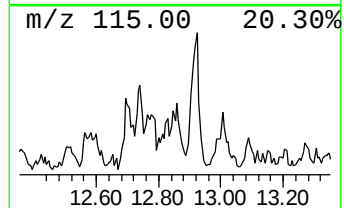
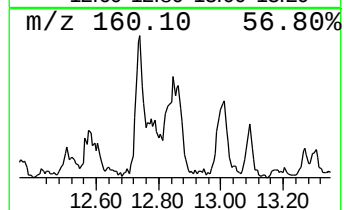
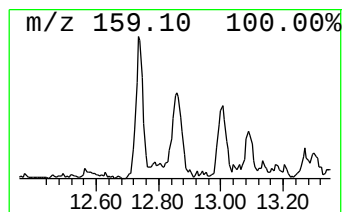
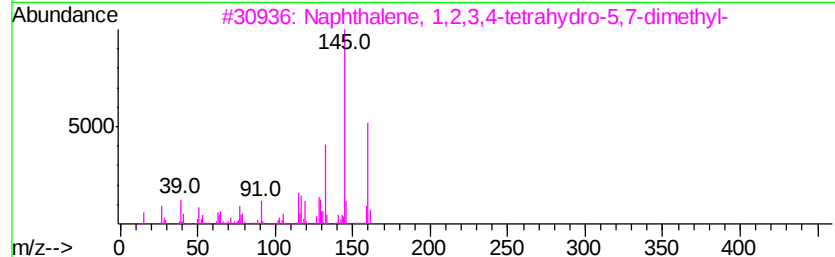
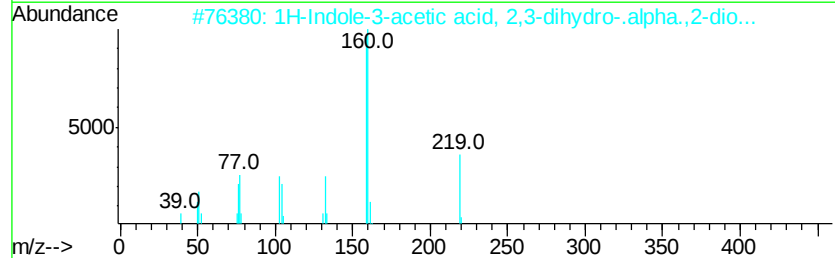
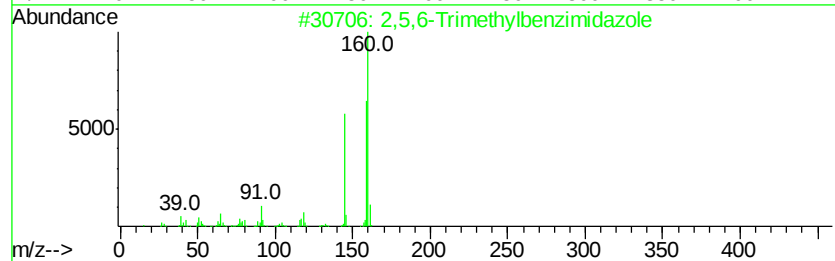
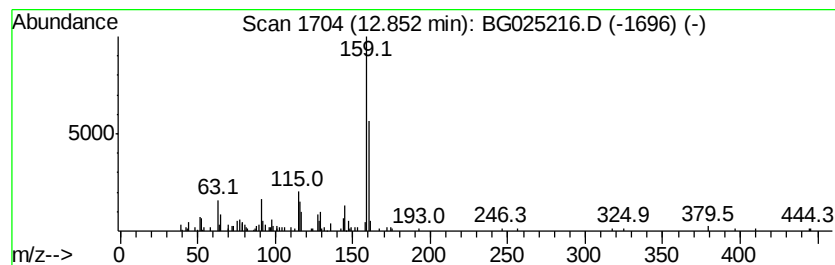
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,5,6-Trimethylbenzimidazole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	11.20 ng/ul	370462	Naphthalene-d8	11.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	86	
2	1H-Indole-3-acetic acid, 2,3-dih...	219	C11H9NO4	022600-51-7	53	
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	47	
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	47	
5	Chromone, 6-methyl-	160	C10H8O2	038445-23-7	30	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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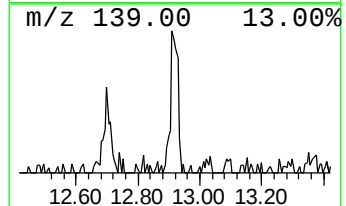
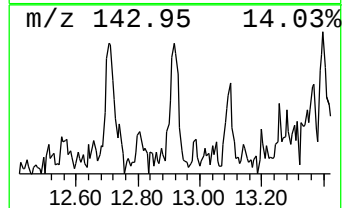
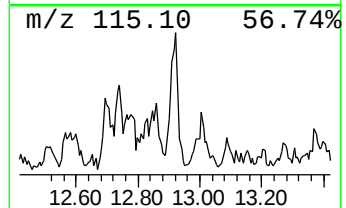
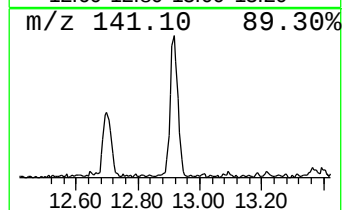
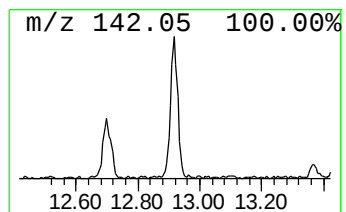
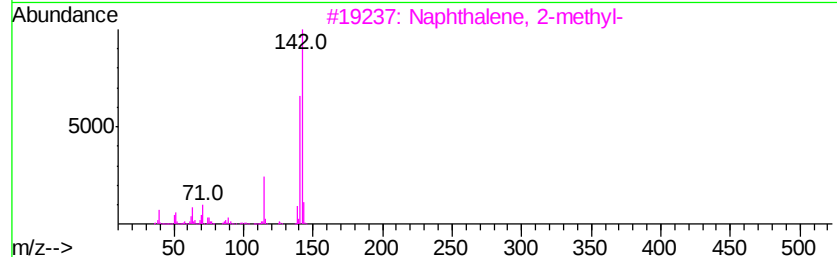
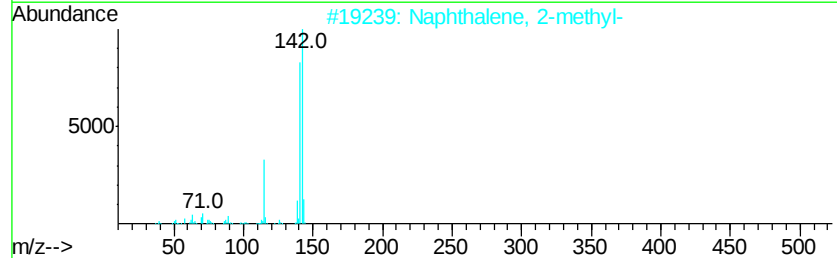
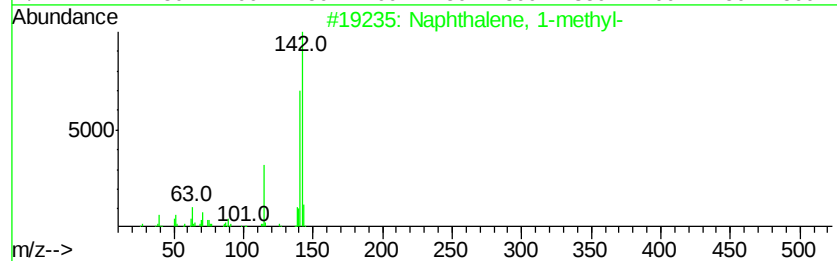
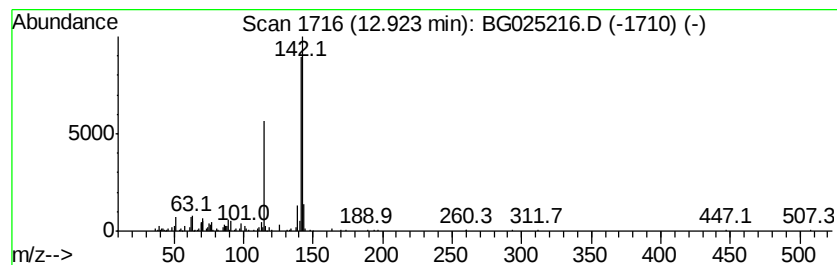
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	6.30 ng/ul	208247	Naphthalene-d8	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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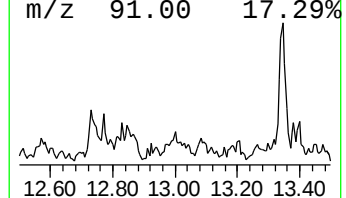
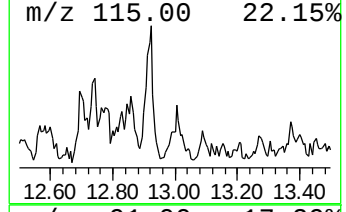
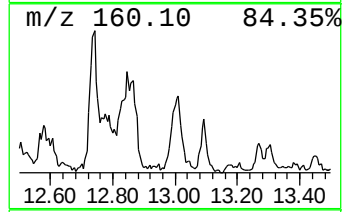
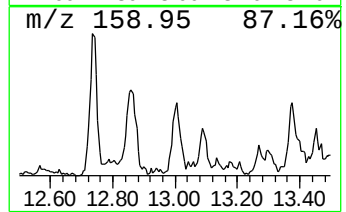
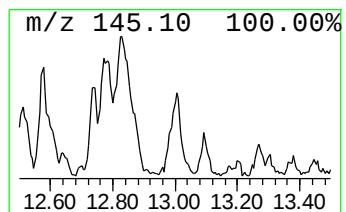
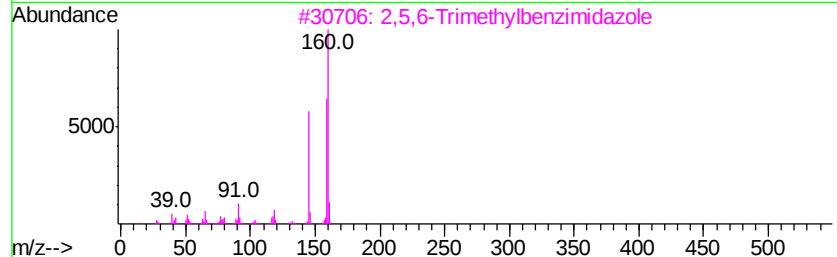
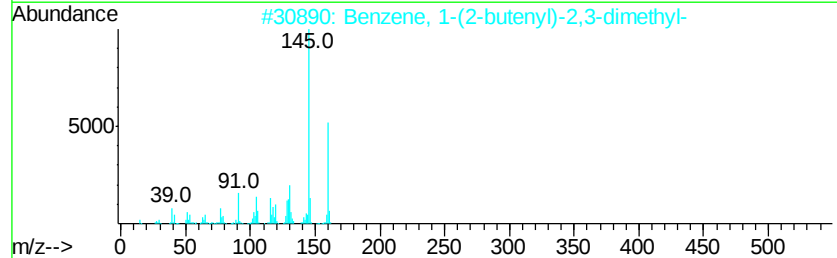
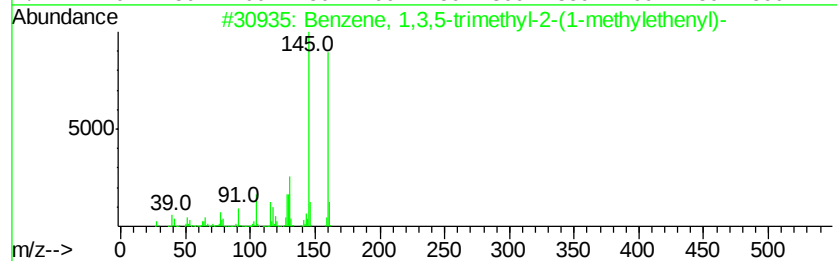
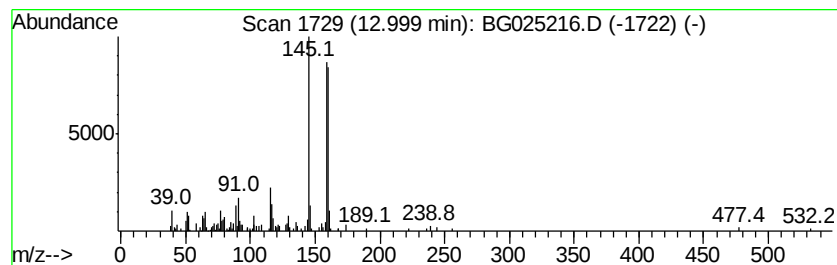
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.74 ng/ul	205322	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-methyl-2-propenyl)-	160	C12H16	014679-13-1	47
2		Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	47
3		2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	46
4		1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	46
5		1H-Indene, 2,3-dihydro-4,5,7-trimethyl-	160	C12H16	006682-06-0	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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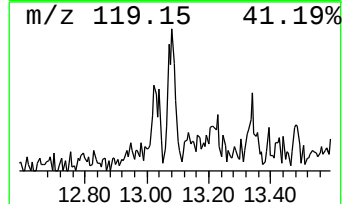
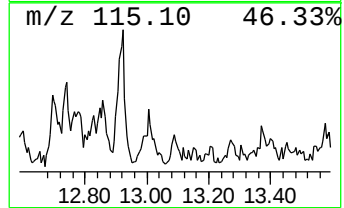
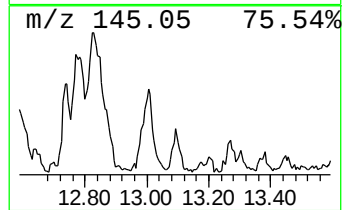
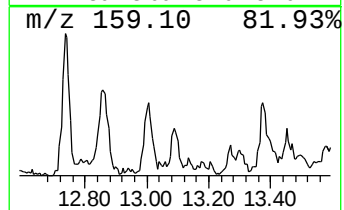
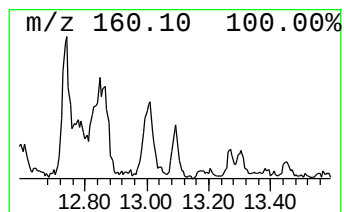
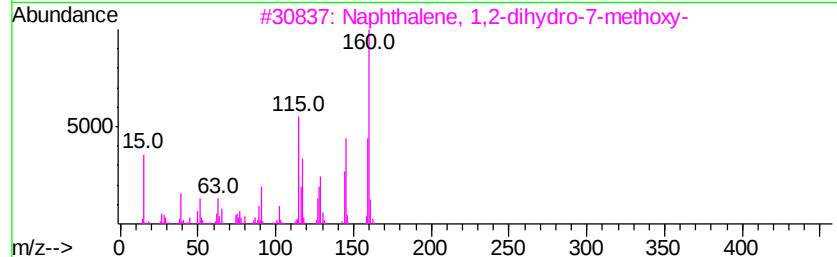
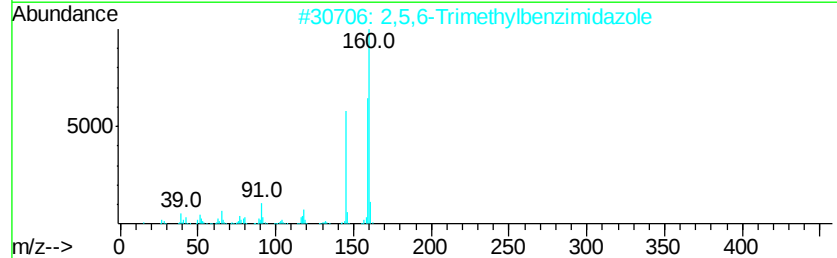
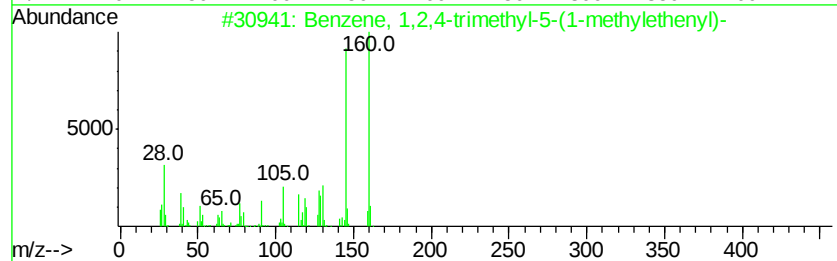
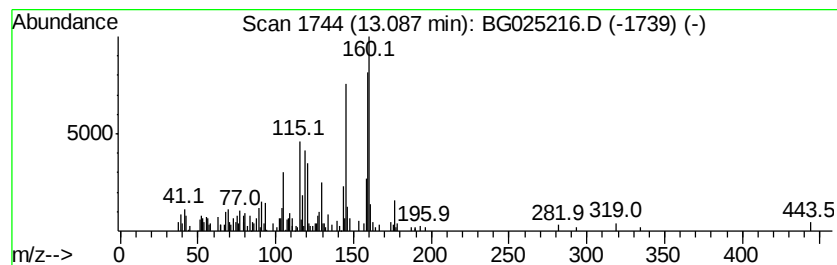
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.61 ng/ul	143519	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-5-(1-methyl-5-ethoxy-1H-imidazol-2-yl)-	160	C12H16	054340-84-0	64
2		2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	50
3		Naphthalene, 1,2-dihydro-7-methoxy-	160	C11H12O	052178-91-3	50
4		Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	001076-61-5	47
5		Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	004175-54-6	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
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Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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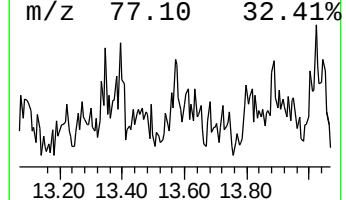
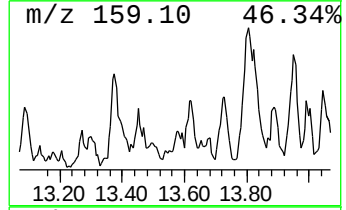
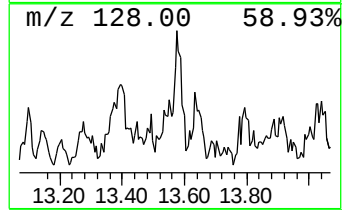
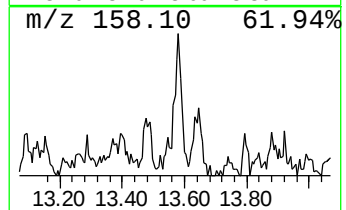
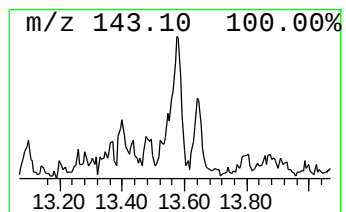
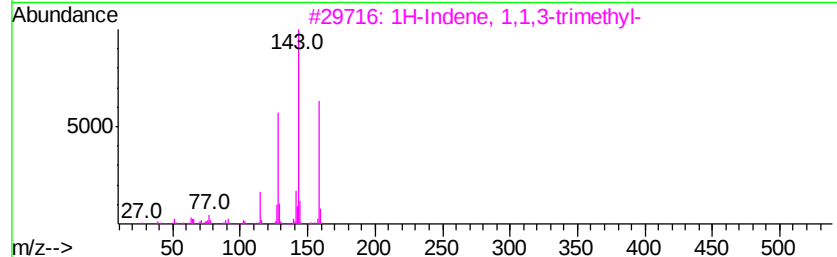
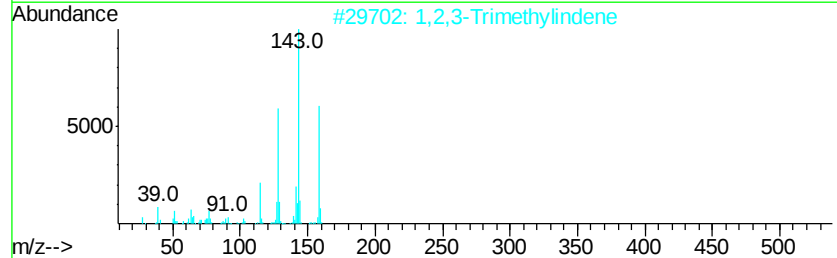
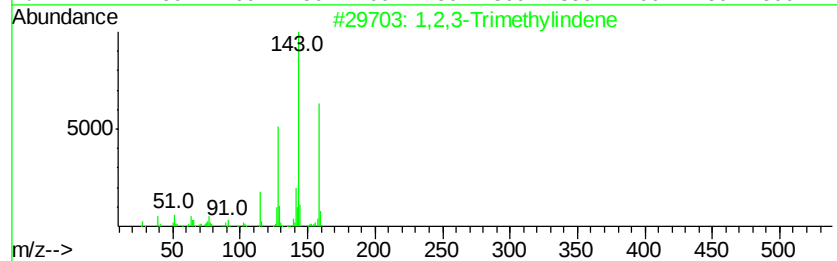
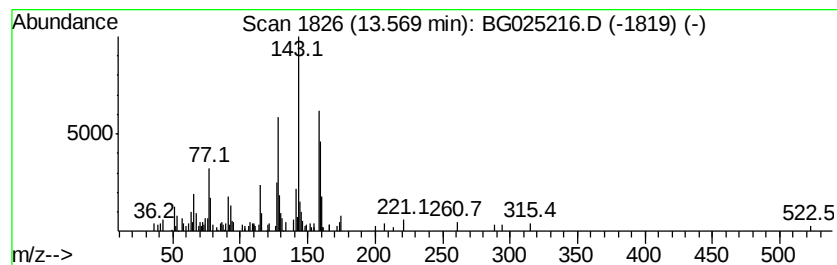
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,2,3-Trimethylindene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.33 ng/ul	128108	Acenaphthene-d10	14.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3-Trimethylindene	158	C12H14	004773-83-5	90
2			1,2,3-Trimethylindene	158	C12H14	004773-83-5	81
3			1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	76
4			Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	62
5			(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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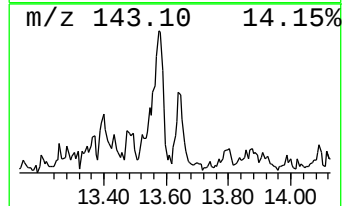
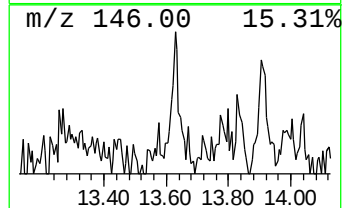
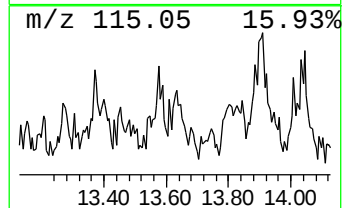
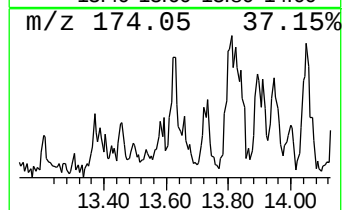
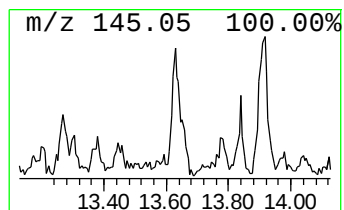
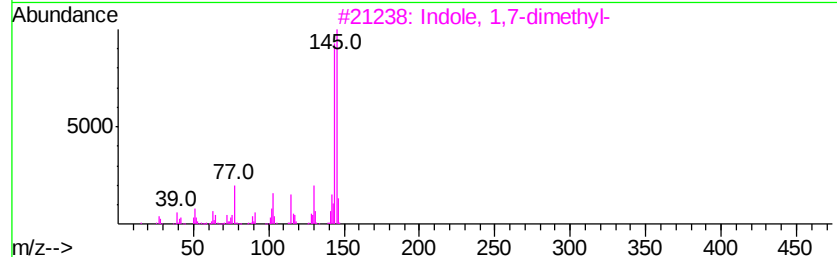
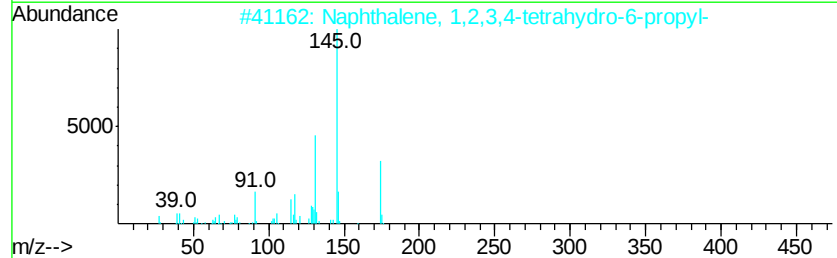
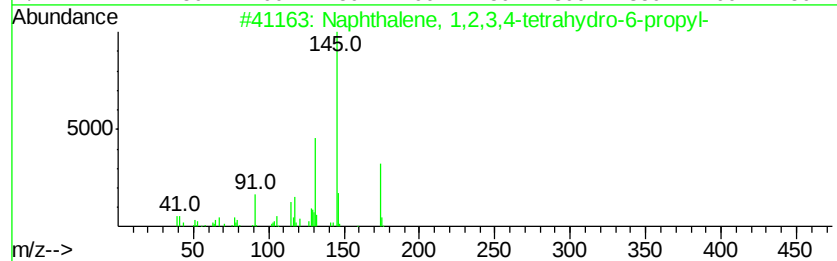
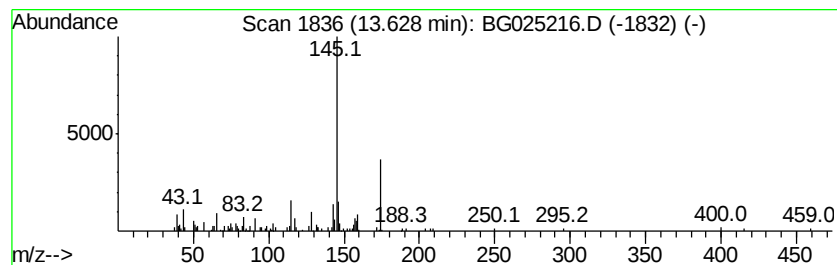
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.04 ng/ul	111827	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	72
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	72
3		Indole, 1,7-dimethyl-	145	C10H11N	005621-16-9	59
4		Indolizine, 2,8-dimethyl-	145	C10H11N	031108-59-5	58
5		Indolizine, 2,6-dimethyl-	145	C10H11N	000769-88-0	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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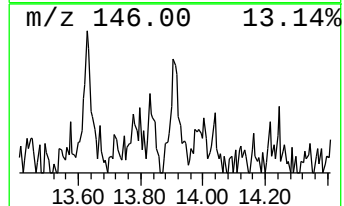
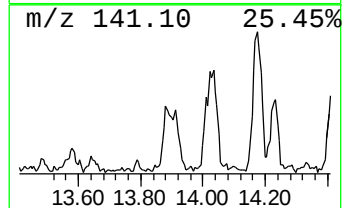
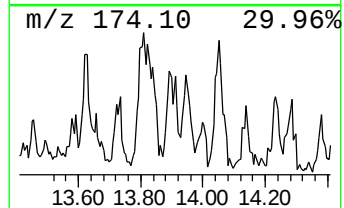
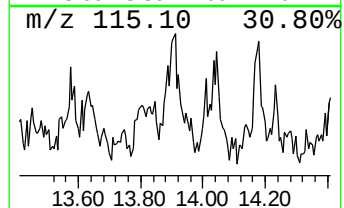
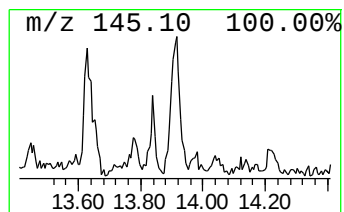
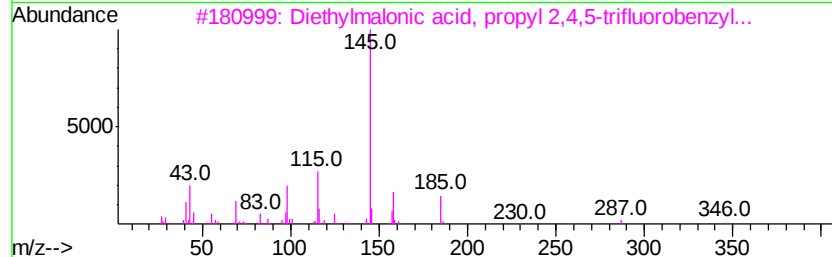
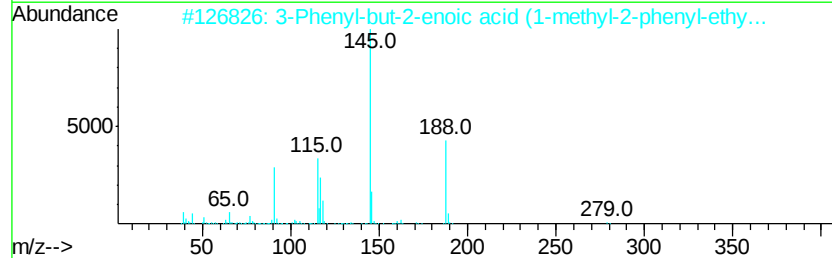
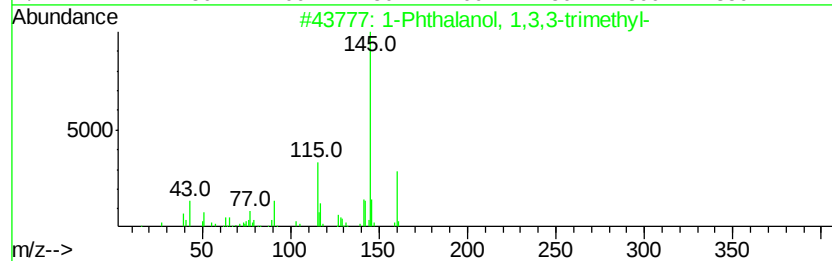
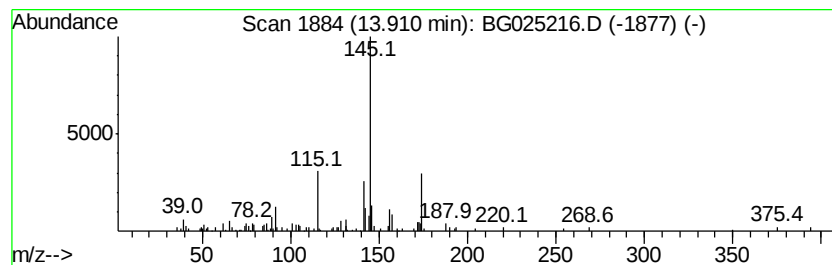
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-Phthalanol, 1,3,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.32 ng/ul	127544	Acenaphthene-d10	14.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phthalanol, 1,3,3-trimethyl-	178	C11H14O2	001521-94-4	50
2			3-Phenyl-but-2-enoic acid (1-met...	279	C19H21NO	1000296-70-9	47
3			Diethylmalonic acid, propyl 2,4,...	346	C17H21F3O4	1000369-25-5	47
4			1,5-Naphthyridin-4-amine	145	C8H7N3	027392-68-3	43
5			2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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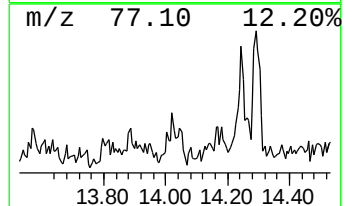
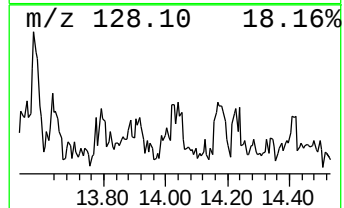
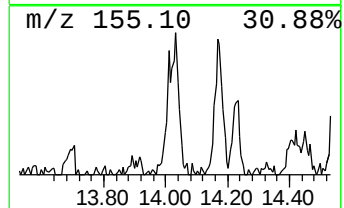
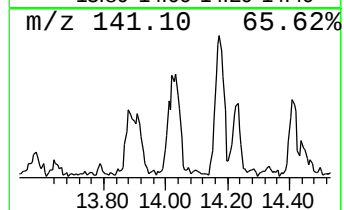
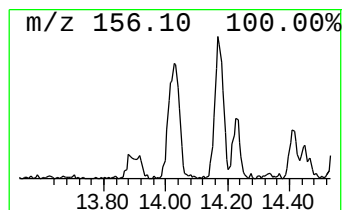
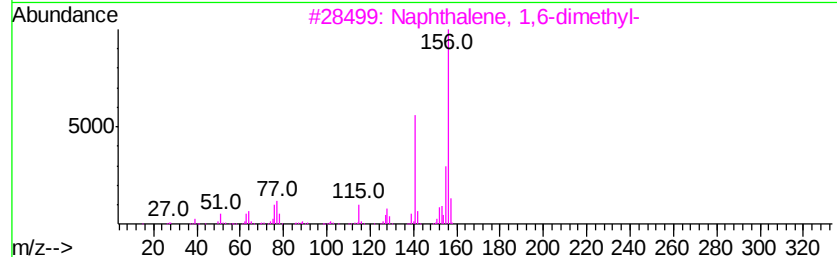
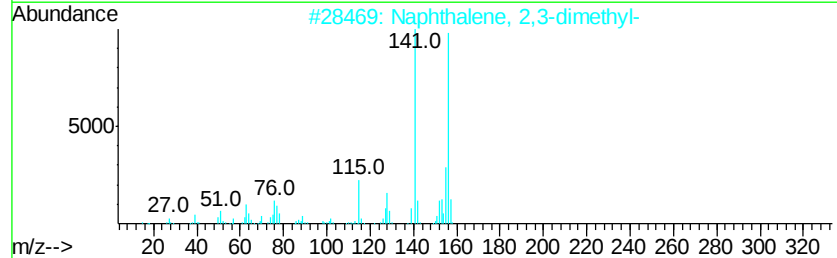
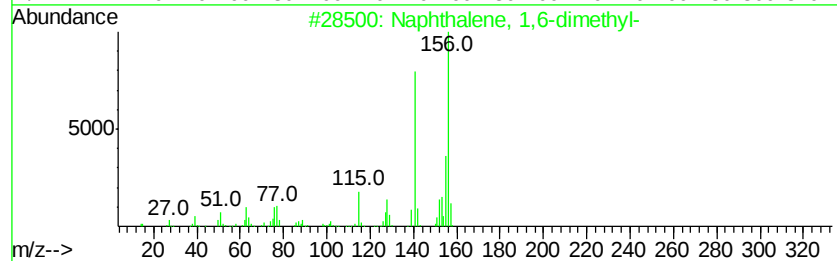
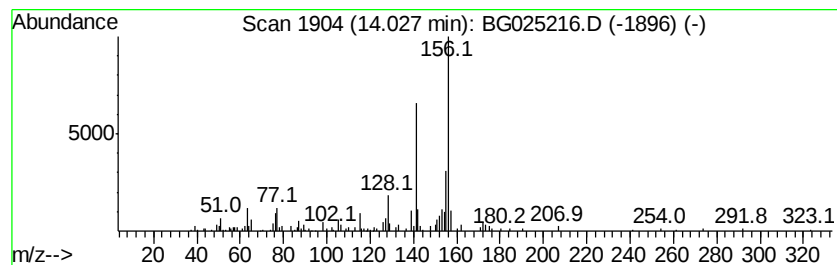
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.09 ng/ul	279342	Acenaphthene-d10	14.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
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Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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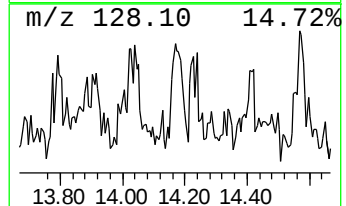
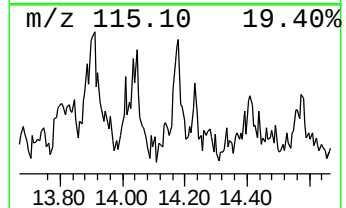
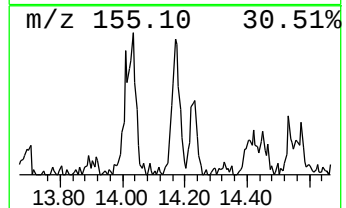
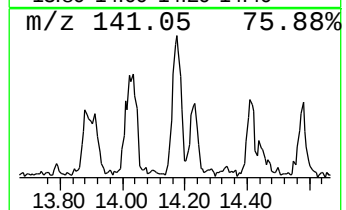
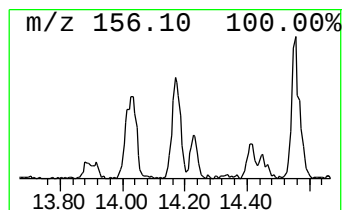
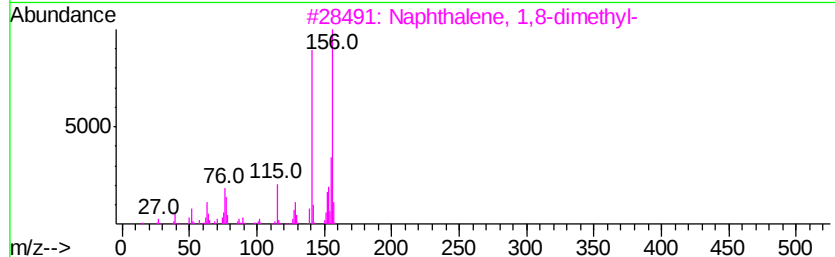
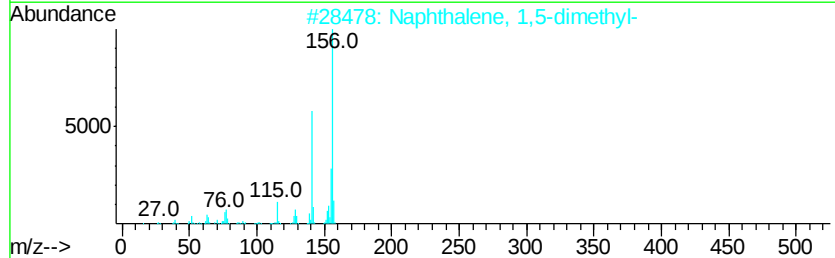
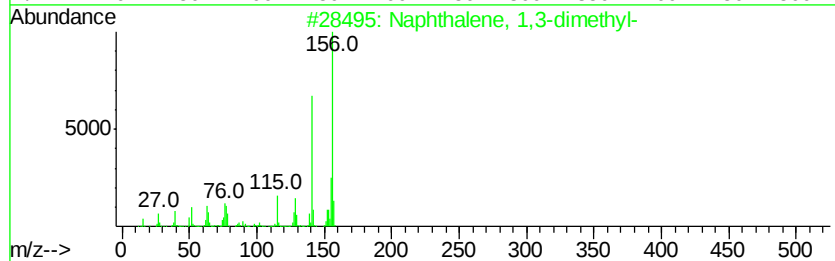
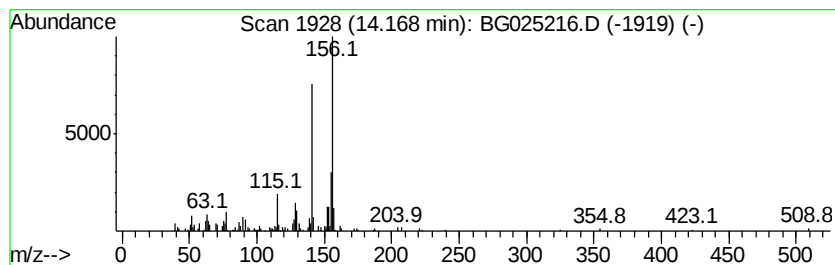
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	4.16 ng/ul	228620	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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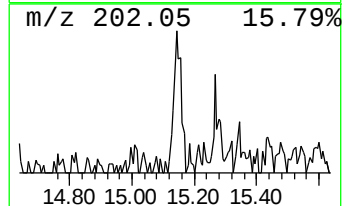
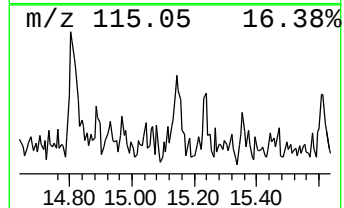
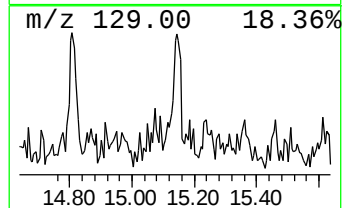
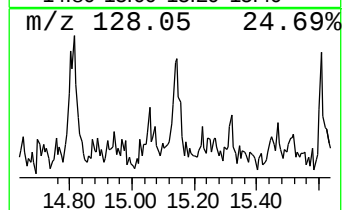
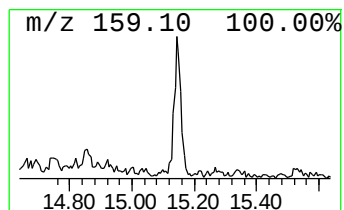
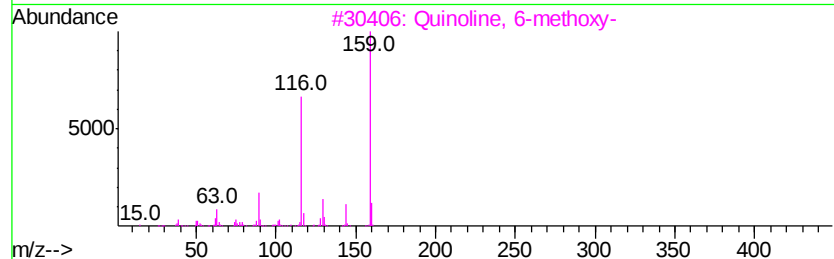
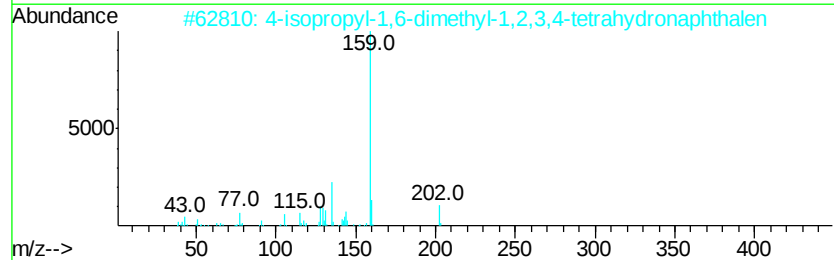
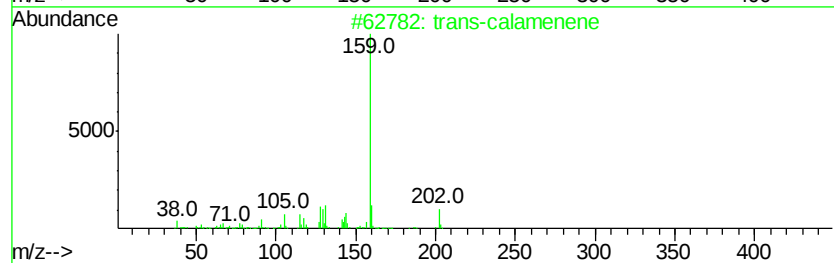
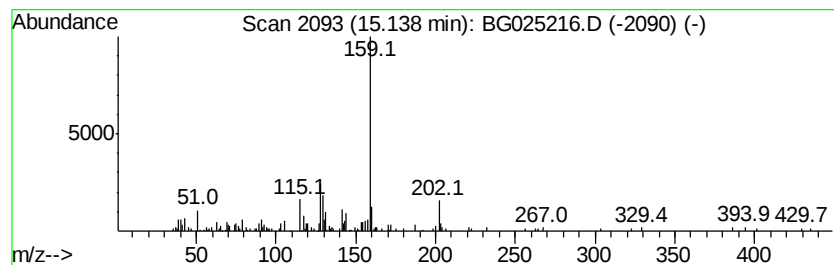
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 trans-calamenene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.38 ng/ul	130641	Acenaphthene-d10	14.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-calamenene	202	C15H22	1000374-17-3	87
2			4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	83
3			Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	72
4			Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	72
5			1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
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Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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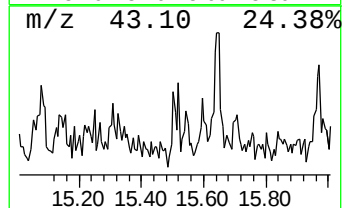
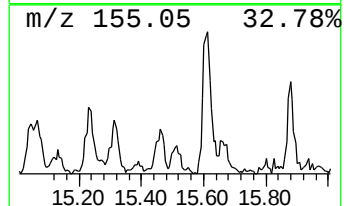
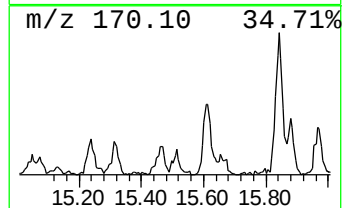
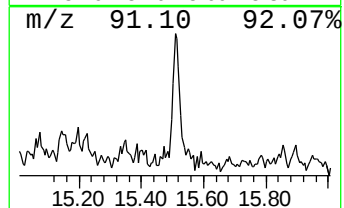
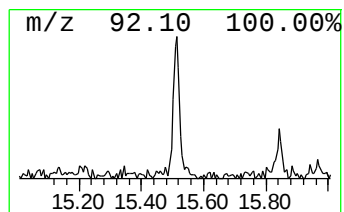
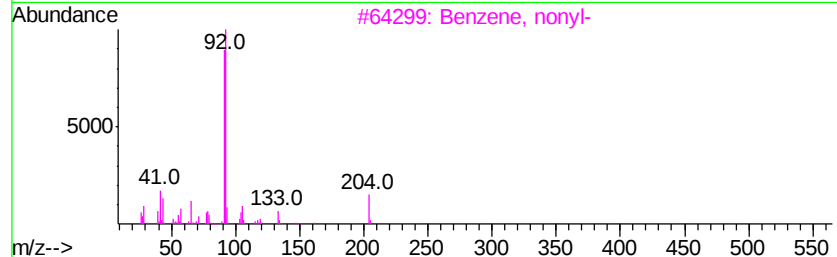
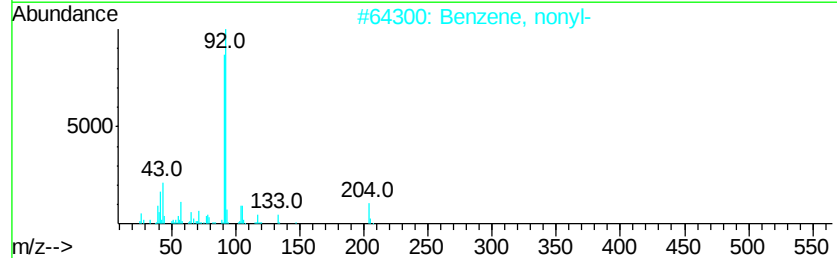
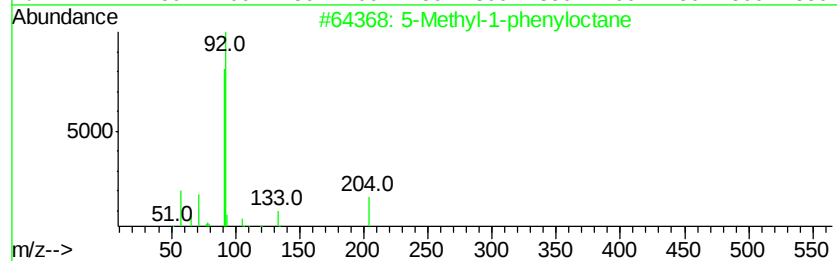
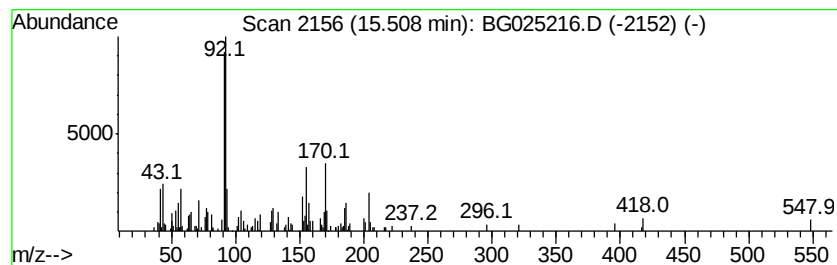
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.52 ng/ul	138633	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methyl-1-phenyloctane	204	C15H24	100216-99-7	46
2		Benzene, nonyl-	204	C15H24	001081-77-2	43
3		Benzene, nonyl-	204	C15H24	001081-77-2	43
4		Benzenesulfonic acid, 4-methyl-,...	186	C7H10N2O2S	001576-35-8	43
5		Benzene, nonyl-	204	C15H24	001081-77-2	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025216.D
Acq On : 15 Dec 2016 17:59
Operator : UM/SJ
Sample : H5995-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA870

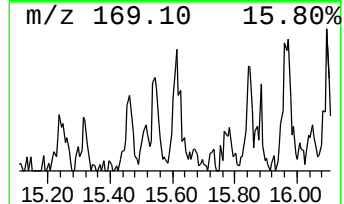
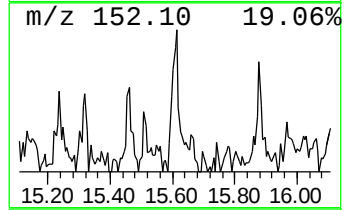
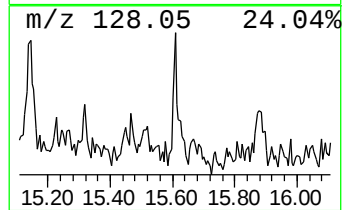
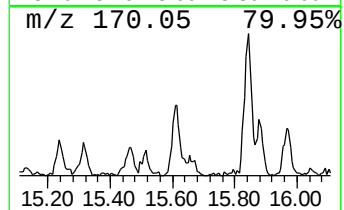
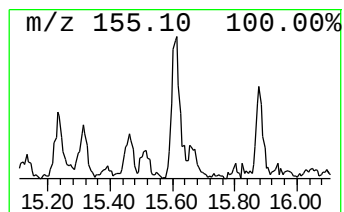
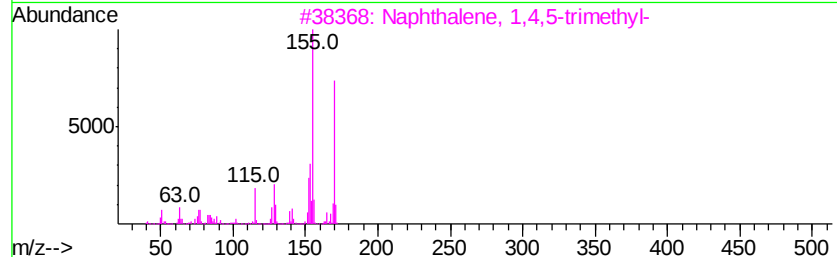
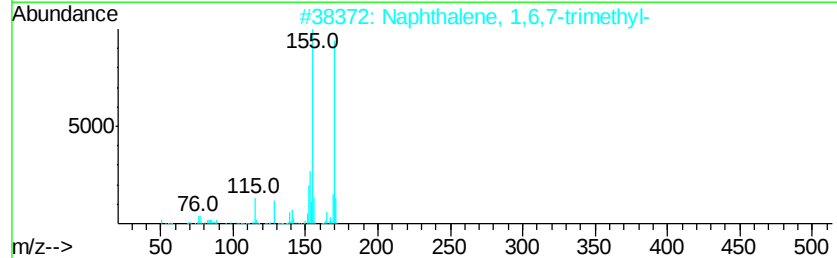
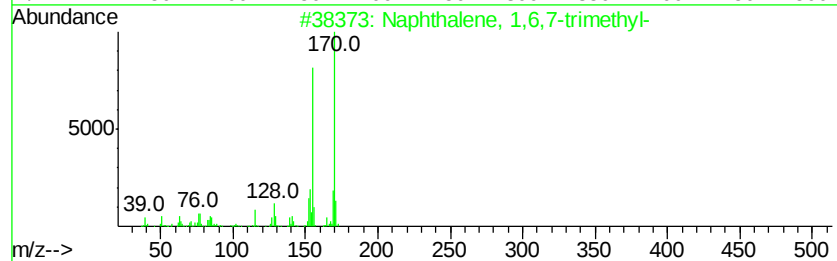
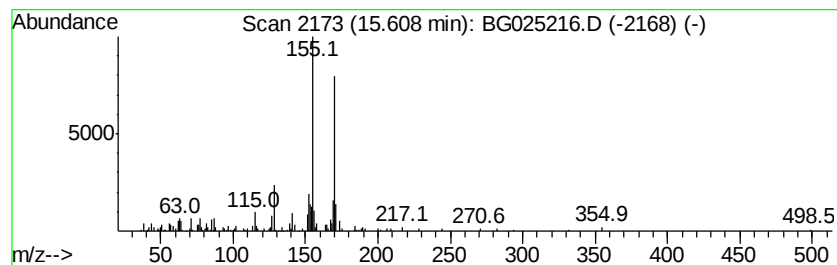
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	4.44 ng/ul	243654	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
 Data File : BG025216.D
 Acq On : 15 Dec 2016 17:59
 Operator : UM/SJ
 Sample : H5995-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA870

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, pentyl-	10.47	3.3	ng/ul	108084	2	11.06	661535	20.0
1H-Indazole, 5,7-...	11.29	6.3	ng/ul	207340	2	11.06	661535	20.0
1H-Benzimidazole, ...	11.42	4.2	ng/ul	137149	2	11.06	661535	20.0
Benzofuran, 4,7-d...	11.46	8.3	ng/ul	274048	2	11.06	661535	20.0
Benzene, 2-etheny...	11.52	2.9	ng/ul	95956	2	11.06	661535	20.0
Benzene, hexyl-	12.01	3.7	ng/ul	123843	2	11.06	661535	20.0
unknown-01	12.09	3.6	ng/ul	120612	2	11.06	661535	20.0
1H-Indene, 1-ethe...	12.25	4.2	ng/ul	138791	2	11.06	661535	20.0
Ethanone, 1-(2,3-...	12.36	3.1	ng/ul	104156	2	11.06	661535	20.0
Naphthalene, 1,2,...	12.51	2.5	ng/ul	81748	2	11.06	661535	20.0
1H-Inden-1-one, 2...	12.58	5.8	ng/ul	190987	2	11.06	661535	20.0
2H-Isoindole, 5,6...	12.77	6.0	ng/ul	198674	2	11.06	661535	20.0
2,5,6-Trimethylbe...	12.85	11.2	ng/ul	370462	2	11.06	661535	20.0
Naphthalene, 1-me...	12.92	6.3	ng/ul	208247	2	11.06	661535	20.0
unknown-02	13.00	3.7	ng/ul	205322	3	14.86	1098430	20.0
Benzene, 1,2,4-tr...	13.09	2.6	ng/ul	143519	3	14.86	1098430	20.0
1,2,3-Trimethylin...	13.57	2.3	ng/ul	128108	3	14.86	1098430	20.0
Naphthalene, 1,2,...	13.63	2.0	ng/ul	111827	3	14.86	1098430	20.0
1-Phthalanol, 1,3...	13.91	2.3	ng/ul	127544	3	14.86	1098430	20.0
Naphthalene, 1,6-...	14.03	5.1	ng/ul	279342	3	14.86	1098430	20.0
Naphthalene, 1,3-...	14.17	4.2	ng/ul	228620	3	14.86	1098430	20.0
trans-calamenene	15.14	2.4	ng/ul	130641	3	14.86	1098430	20.0
unknown-03	15.51	2.5	ng/ul	138633	3	14.86	1098430	20.0
Naphthalene, 1,6,...	15.61	4.4	ng/ul	243654	3	14.86	1098430	20.0