

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012112.D
 Acq On : 12 Oct 2017 23:15
 Operator : SJ/JU
 Sample : I5772-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2P0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_M\METHODS\SOM-EPA-BM101217.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	6.992	657	664	682	rBV	240873	487165	2.20%	0.200%
2	7.157	686	692	698	rBV	819561	1349849	6.09%	0.555%
3	7.357	719	726	740	rBV	973447	1686035	7.60%	0.694%
4	7.828	800	806	816	rBV	779003	1309397	5.90%	0.539%
5	8.198	862	869	879	rVB	507212	843515	3.80%	0.347%
6	8.369	892	898	908	rVB	298047	509057	2.30%	0.209%
7	8.539	920	927	941	rBV	811765	1435785	6.47%	0.591%
8	8.998	998	1005	1018	rVB2	1432438	2756328	12.43%	1.134%
9	9.186	1029	1037	1044	rBV	376583	653680	2.95%	0.269%
10	9.310	1044	1058	1064	rBV	328754	749271	3.38%	0.308%
11	9.375	1064	1069	1077	rVB	195078	331657	1.50%	0.136%
12	9.716	1117	1127	1139	rBV	1059044	1898181	8.56%	0.781%
13	9.875	1149	1154	1166	rVB	139639	277619	1.25%	0.114%
14	10.027	1173	1180	1191	rBV3	331347	703684	3.17%	0.289%
15	10.257	1212	1219	1228	rBV	1536102	2699111	12.17%	1.110%
16	10.633	1276	1283	1287	rBV	1100692	1844961	8.32%	0.759%
17	10.680	1287	1291	1297	rVB	664031	1096151	4.94%	0.451%
18	10.804	1304	1312	1320	rVV	4043578	7315639	32.99%	3.009%
19	10.874	1320	1324	1328	rVV	156010	267388	1.21%	0.110%
20	11.051	1348	1354	1360	rVB2	149279	280842	1.27%	0.116%
21	11.545	1430	1438	1450	rVB	135416	258354	1.17%	0.106%
22	11.751	1465	1473	1482	rBV	1639006	2908822	13.12%	1.196%
23	12.192	1542	1548	1557	rVV	621208	1035506	4.67%	0.426%
24	12.351	1570	1575	1580	rBV	121921	223261	1.01%	0.092%
25	12.516	1589	1603	1612	rVB2	2018664	3964155	17.88%	1.631%
26	13.310	1731	1738	1750	rBV	7571690	11336488	51.12%	4.663%
27	13.533	1771	1776	1782	rVB2	408022	663624	2.99%	0.273%
28	13.651	1792	1796	1804	rVV3	242956	510454	2.30%	0.210%
29	13.798	1814	1821	1827	rVV	1655082	3044123	13.73%	1.252%
30	13.886	1827	1836	1846	rVB	3414707	5162124	23.28%	2.123%
31	14.033	1855	1861	1865	rBV	888222	1434087	6.47%	0.590%
32	14.068	1865	1867	1873	rVB	450777	510539	2.30%	0.210%
33	14.174	1878	1885	1899	rVB	3756241	6932642	31.26%	2.852%
34	14.480	1926	1937	1942	rBV3	1856626	3416841	15.41%	1.405%

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35	14.551	1942	1949	1956	rVV	15140417	21879764	98.67%	9.000%
36	14.615	1956	1960	1966	rVV	176342	280753	1.27%	0.115%
37	14.692	1967	1973	1981	rVB4	251954	543967	2.45%	0.224%
38	14.786	1981	1989	1994	rBV	515874	894994	4.04%	0.368%
39	14.886	1999	2006	2013	rVB	15170603	22175009	100.00%	9.121%
40	14.957	2013	2018	2034	rVB3	213149	491936	2.22%	0.202%
41	15.092	2034	2041	2047	rBV2	281210	576249	2.60%	0.237%
42	15.192	2055	2058	2064	rVB	289799	417398	1.88%	0.172%
43	15.262	2064	2070	2074	rBV2	135831	268398	1.21%	0.110%
44	15.327	2078	2081	2089	rVB2	169101	296144	1.34%	0.122%
45	15.398	2089	2093	2096	rBV2	169834	246997	1.11%	0.102%
46	15.474	2100	2106	2111	rVV	4475945	6441218	29.05%	2.649%
47	15.527	2111	2115	2123	rVB	3260513	4640402	20.93%	1.909%
48	15.604	2123	2128	2133	rBV	1782777	2751984	12.41%	1.132%
49	15.651	2133	2136	2139	rVV	298769	391753	1.77%	0.161%
50	15.686	2139	2142	2147	rVB2	322116	427966	1.93%	0.176%
51	15.774	2154	2157	2161	rVV	280811	329323	1.49%	0.135%
52	15.821	2161	2165	2174	rVB	1360211	1936660	8.73%	0.797%
53	15.927	2174	2183	2185	rBV	268146	425692	1.92%	0.175%
54	15.968	2185	2190	2199	rVB	1440937	2847979	12.84%	1.171%
55	16.057	2201	2205	2212	rVB	271940	386381	1.74%	0.159%
56	16.209	2218	2231	2238	rBV	3947973	5725951	25.82%	2.355%
57	16.404	2258	2264	2267	rBV5	168508	311388	1.40%	0.128%
58	16.439	2267	2270	2274	rVB	202086	252762	1.14%	0.104%
59	16.486	2274	2278	2284	rBV2	244535	568701	2.56%	0.234%
60	16.680	2305	2311	2317	rVB2	195585	330685	1.49%	0.136%
61	16.768	2317	2326	2334	rBV	622038	1345019	6.07%	0.553%
62	16.886	2340	2346	2353	rVB4	167544	400427	1.81%	0.165%
63	16.974	2353	2361	2364	rBV3	116848	286089	1.29%	0.118%
64	17.045	2364	2373	2378	rVV	1365501	2243429	10.12%	0.923%
65	17.127	2378	2387	2393	rVV	2012700	4053142	18.28%	1.667%
66	17.180	2393	2396	2399	rVV3	436133	715459	3.23%	0.294%
67	17.227	2399	2404	2407	rVV2	2556329	3886364	17.53%	1.599%
68	17.268	2407	2411	2416	rVV	6294275	9038506	40.76%	3.718%
69	17.327	2416	2421	2425	rVV	5215126	8060694	36.35%	3.316%
70	17.362	2425	2427	2431	rVV	1175885	1366520	6.16%	0.562%
71	17.427	2434	2438	2448	rVB2	379217	682791	3.08%	0.281%

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72	17.639	2467	2474	2486	rBV	10034077	15449032	69.67%	6.355%
73	17.762	2491	2495	2498	rBV2	287914	368563	1.66%	0.152%
74	17.862	2505	2512	2518	rBV6	250540	501547	2.26%	0.206%
75	17.927	2518	2523	2528	rVB4	256077	434329	1.96%	0.179%
76	18.027	2535	2540	2543	rBV4	203250	352610	1.59%	0.145%
77	18.062	2543	2546	2549	rVV2	215132	356034	1.61%	0.146%
78	18.098	2549	2552	2556	rVV2	423515	666584	3.01%	0.274%
79	18.145	2556	2560	2568	rVB	1170590	1772438	7.99%	0.729%
80	18.227	2569	2574	2580	rVB3	152883	246696	1.11%	0.101%
81	18.298	2580	2586	2590	rBV	491404	832580	3.75%	0.342%
82	18.403	2596	2604	2607	rBV2	322882	645764	2.91%	0.266%
83	18.450	2607	2612	2615	rVB	611714	798536	3.60%	0.328%
84	18.539	2622	2627	2633	rVB	679851	1041680	4.70%	0.428%
85	18.598	2633	2637	2641	rVV2	176454	261360	1.18%	0.108%
86	18.645	2641	2645	2649	rVB2	263989	392176	1.77%	0.161%
87	18.927	2688	2693	2697	rVB3	188232	290021	1.31%	0.119%
88	19.162	2729	2733	2739	rVB	342830	496328	2.24%	0.204%
89	19.280	2748	2753	2759	rVB	1357132	1857024	8.37%	0.764%
90	19.380	2766	2770	2782	rVB	655585	983109	4.43%	0.404%
91	19.615	2805	2810	2830	rVB	6153090	9641054	43.48%	3.966%
92	20.044	2875	2883	2888	rBV2	1896559	4103780	18.51%	1.688%
93	20.103	2888	2893	2905	rVB	2490537	4038871	18.21%	1.661%
94	20.386	2937	2941	2945	rBV	175830	241459	1.09%	0.099%
95	20.703	2990	2995	2998	rBV	637089	1010117	4.56%	0.415%
96	20.744	2998	3002	3011	rVB2	807055	1550153	6.99%	0.638%
97	21.397	3109	3113	3119	rBV	3324359	4307484	19.42%	1.772%
98	21.891	3194	3197	3206	rVB	478705	696114	3.14%	0.286%
99	23.568	3475	3482	3493	rBV2	4005402	8075773	36.42%	3.322%
100	23.715	3501	3507	3520	rVB2	1883374	3891834	17.55%	1.601%

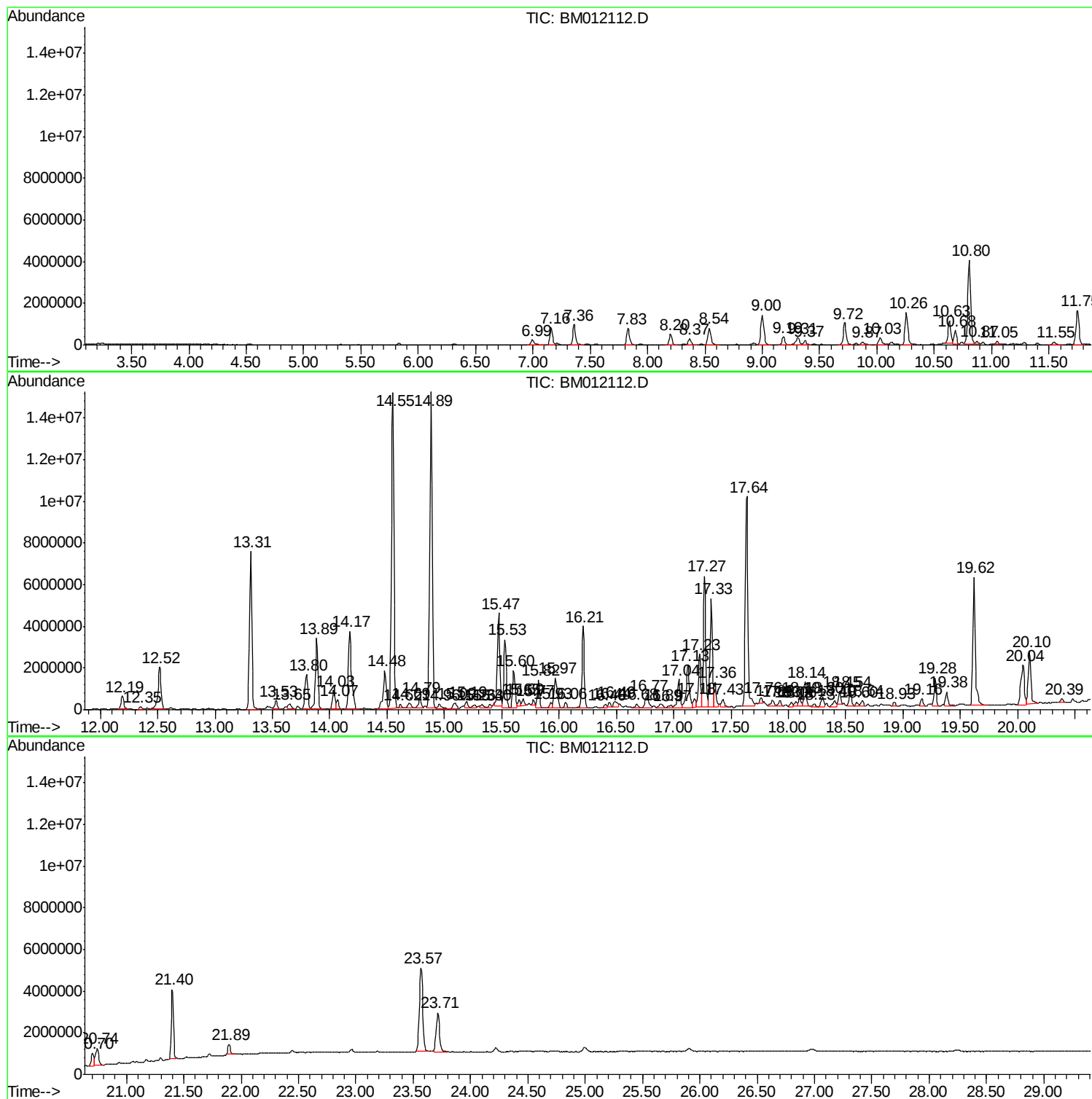
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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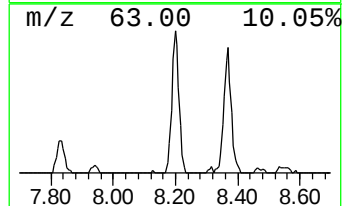
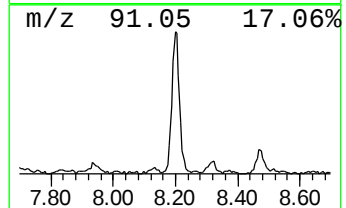
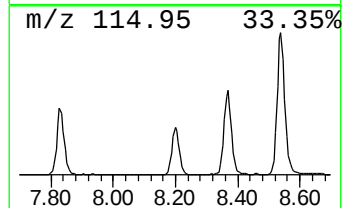
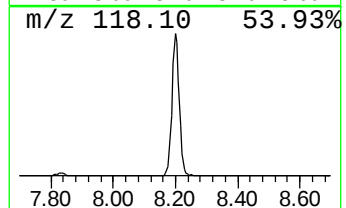
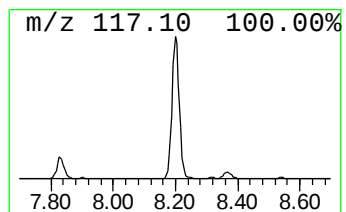
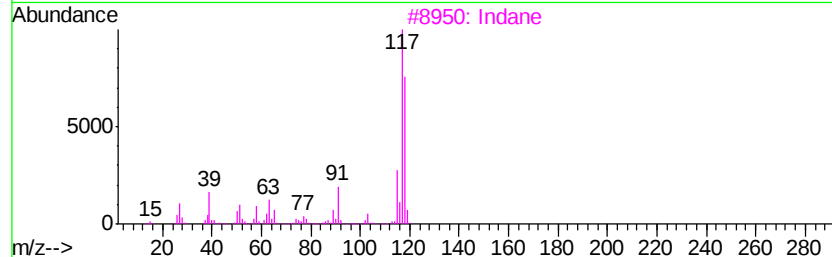
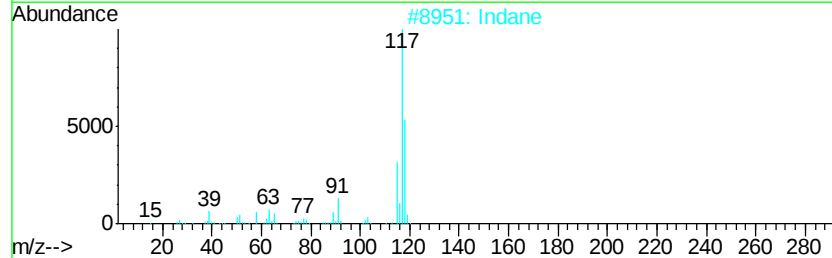
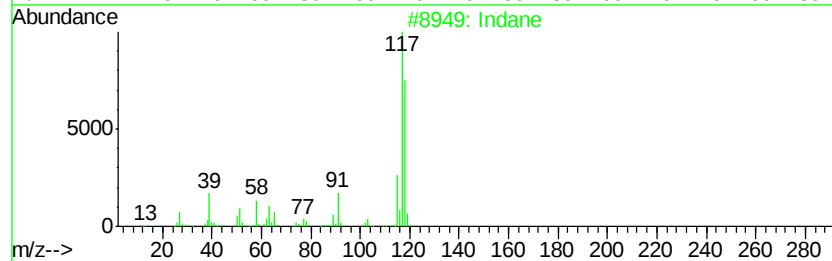
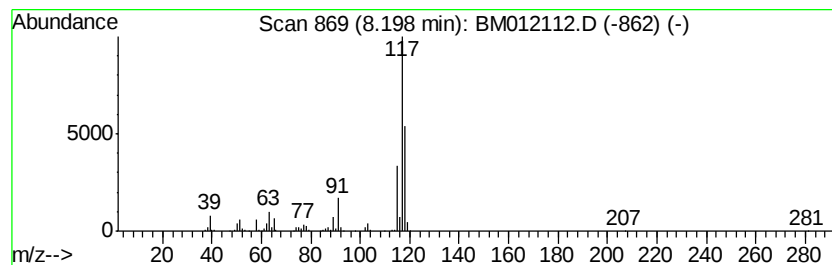
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	12.88 ng/ul	843515	1,4-Dichlorobenzene-d4	7.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	91
3	Indane		118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	78
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	55



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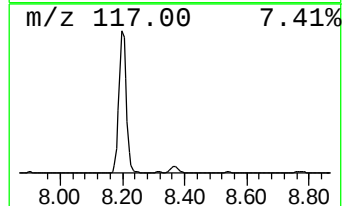
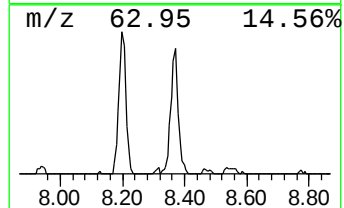
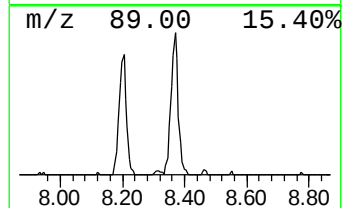
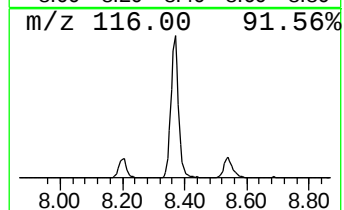
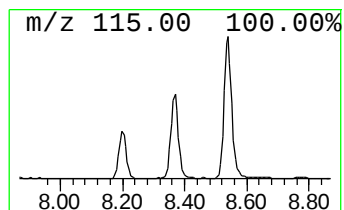
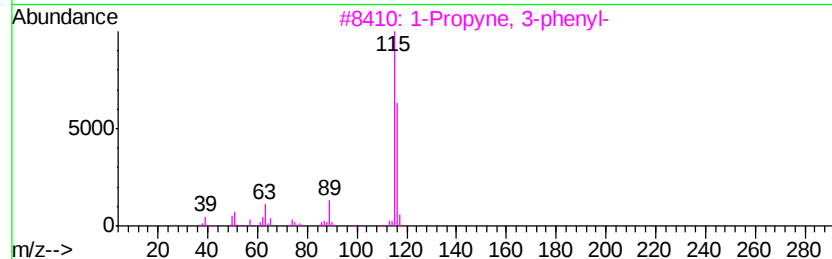
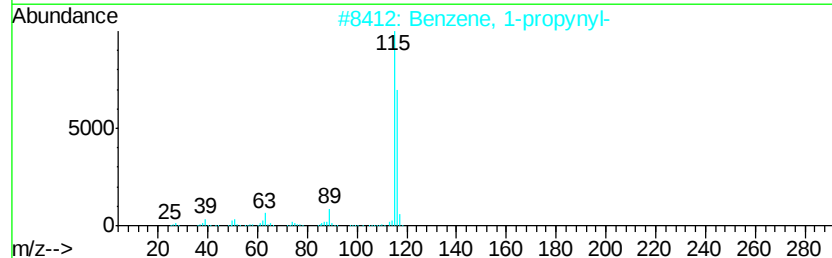
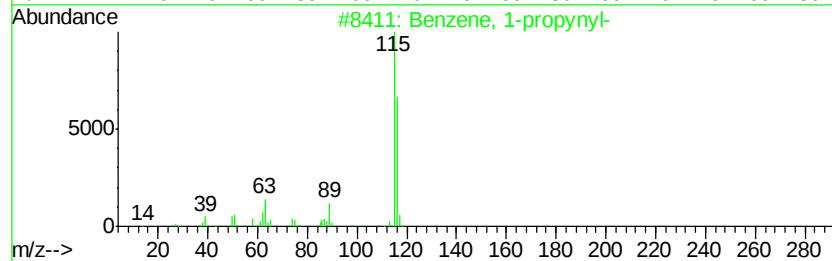
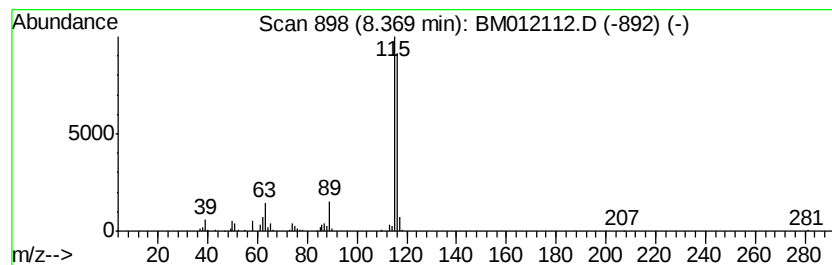
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	7.78 ng/ul	509057	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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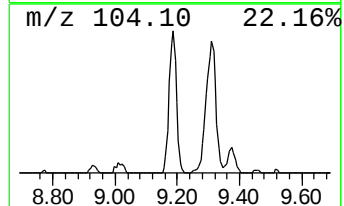
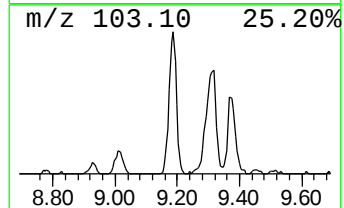
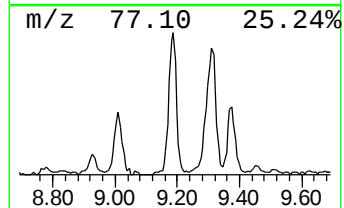
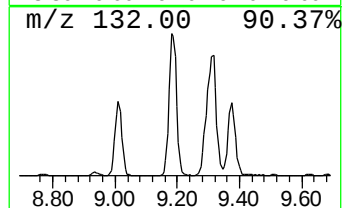
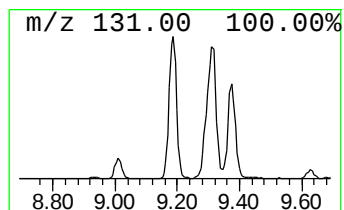
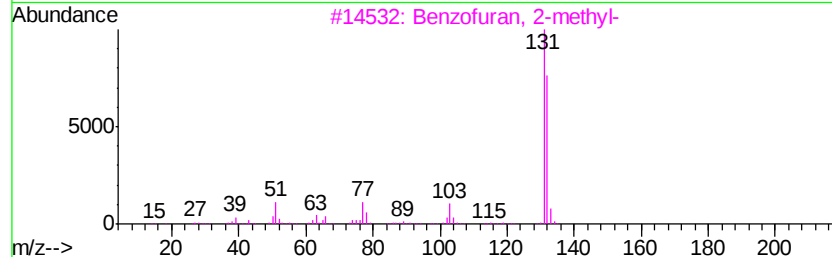
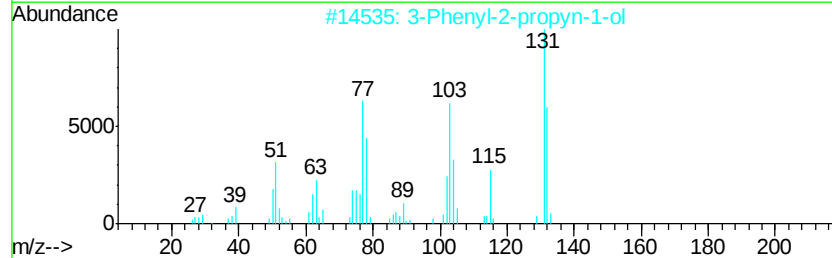
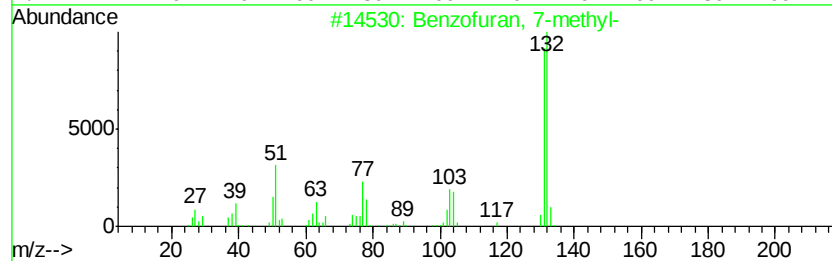
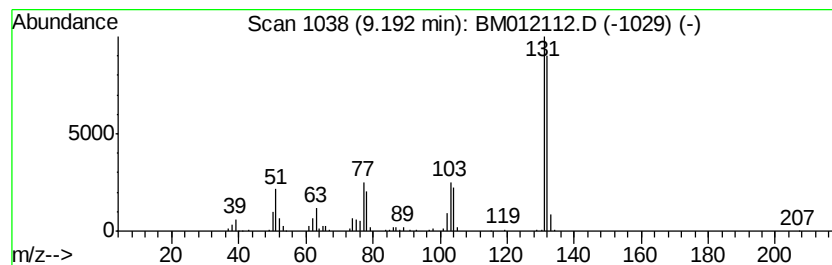
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Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	9.98 ng/ul	653680	1,4-Dichlorobenzene-d4	7.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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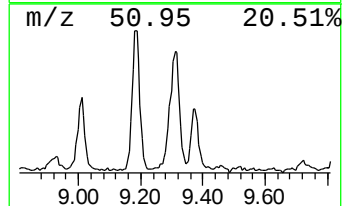
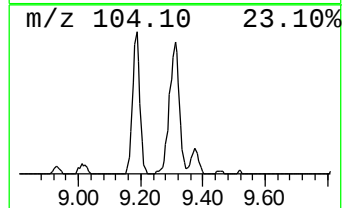
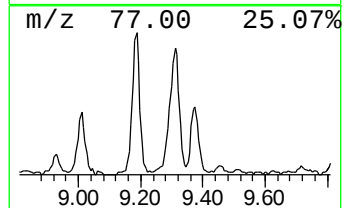
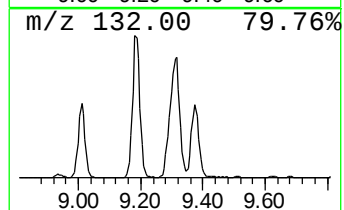
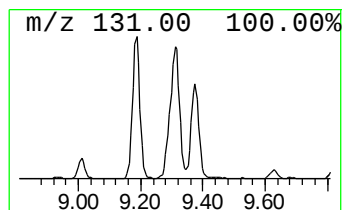
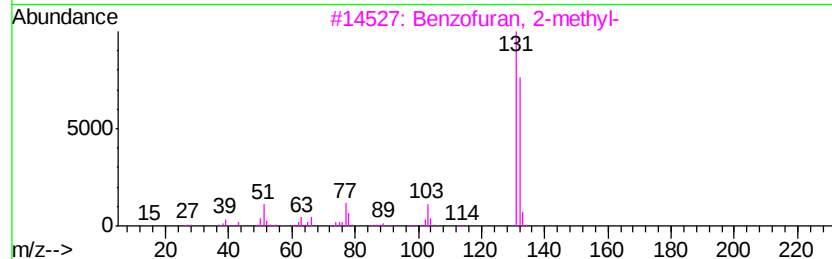
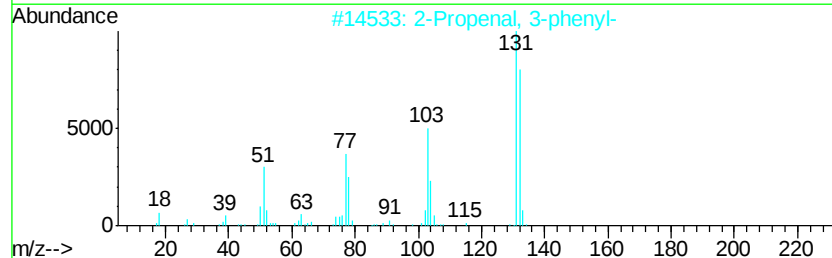
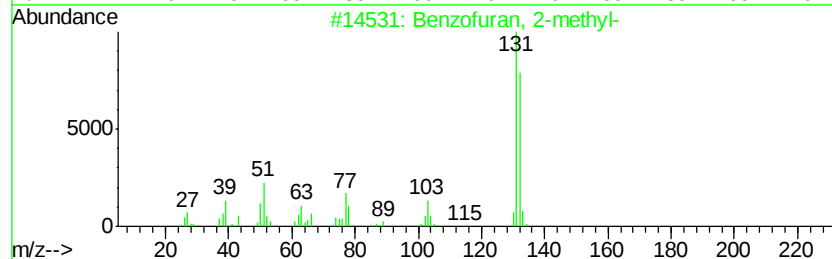
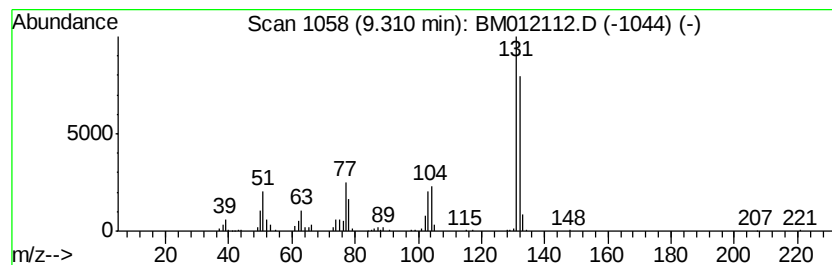
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	8.12 ng/ul	749271	Naphthalene-d8	10.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2P0

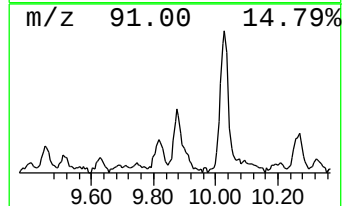
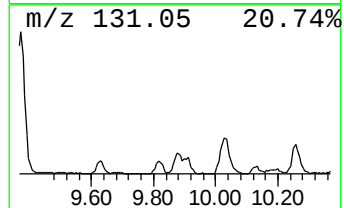
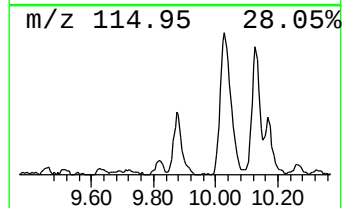
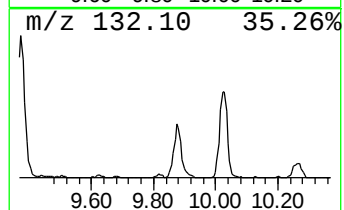
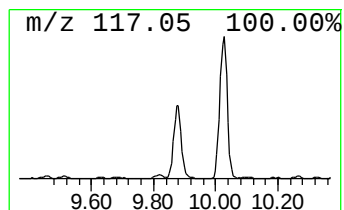
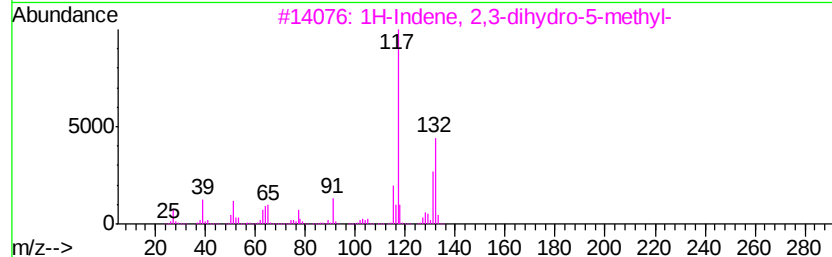
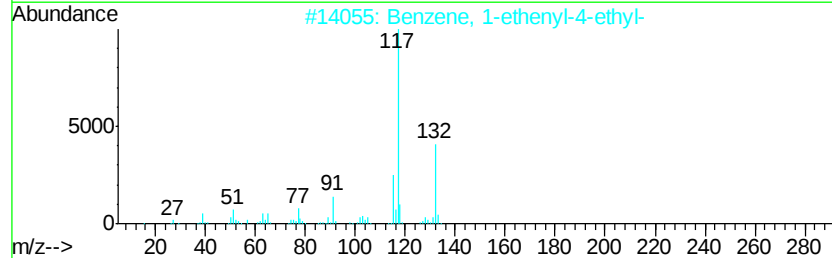
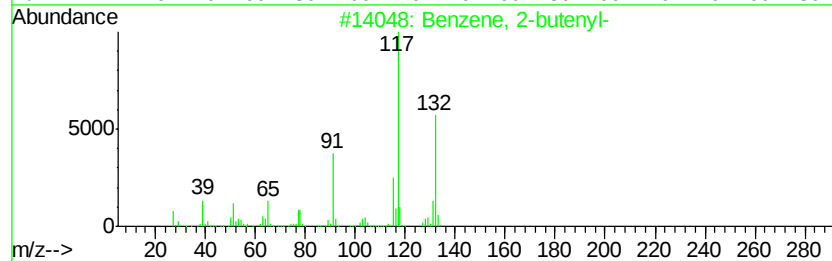
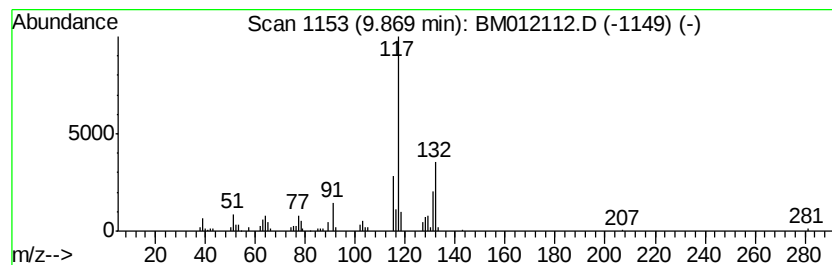
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 2-butenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	3.01 ng/ul	277619	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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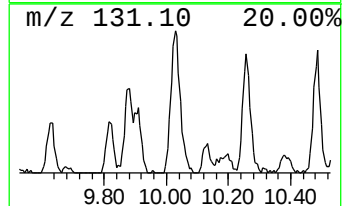
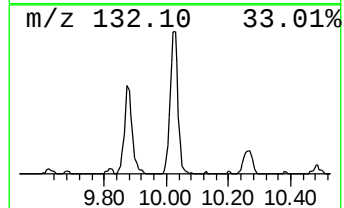
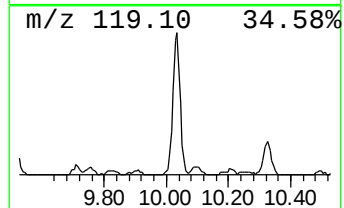
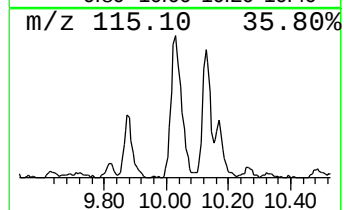
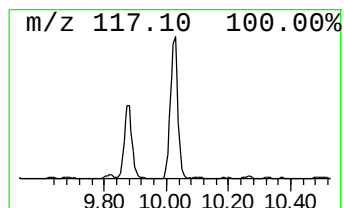
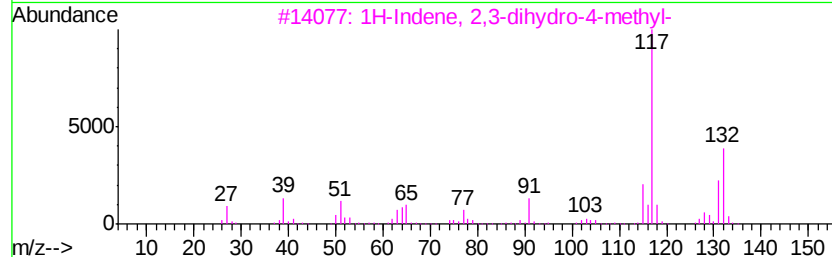
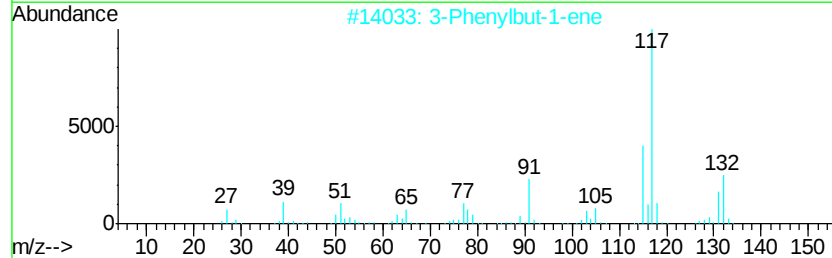
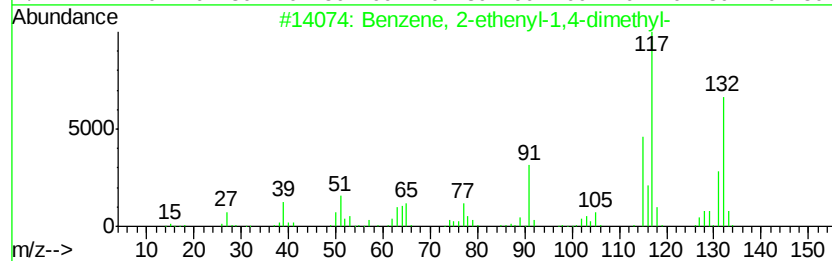
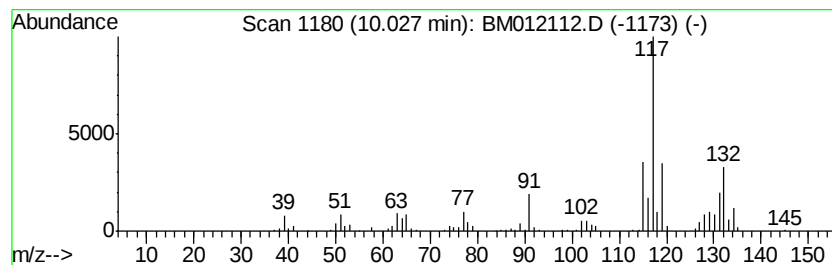
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	7.63 ng/ul	703684	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

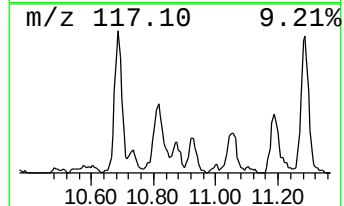
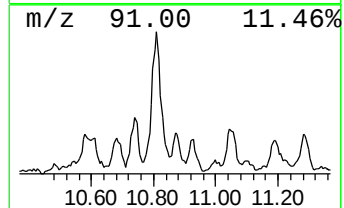
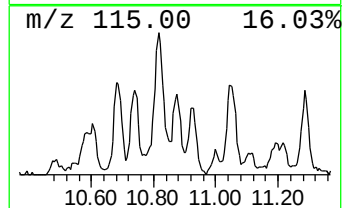
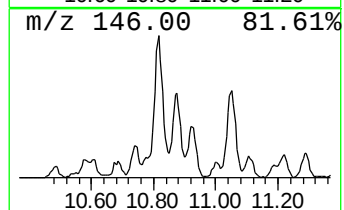
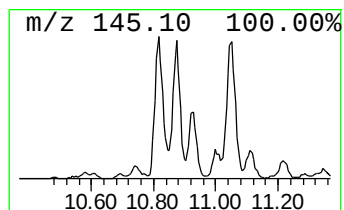
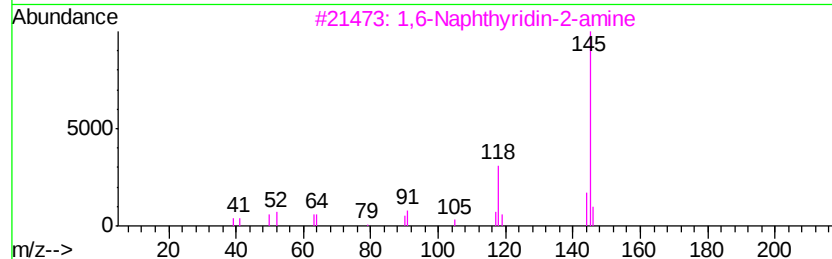
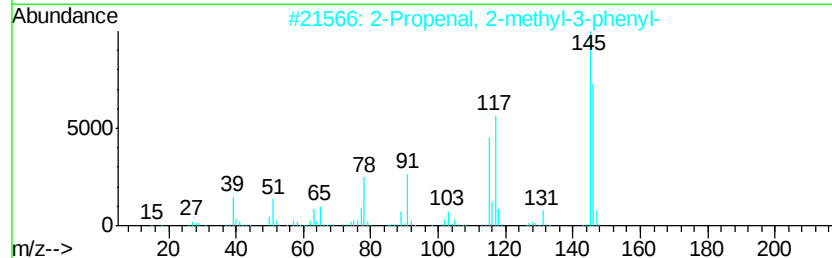
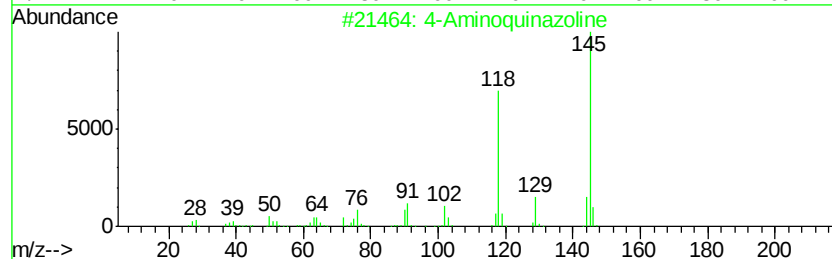
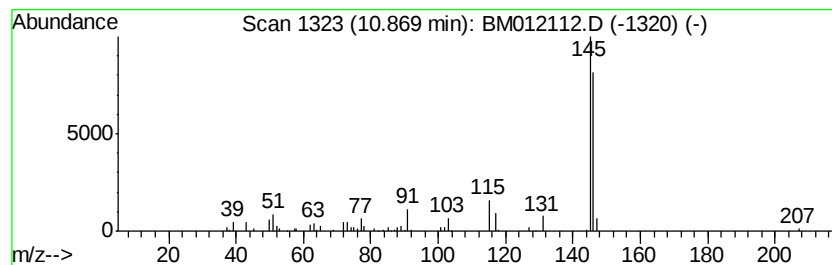
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.90 ng/ul	267388	Naphthalene-d8	10.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Aminoquinazoline	145 C8H7N3	015018-66-3	47
2	2-Propenal, 2-methyl-3-phenyl-	146 C10H10O	000101-39-3	45
3	1,6-Naphthyridin-2-amine	145 C8H7N3	017965-81-0	43
4	Benzofuran, 4,7-dimethyl-	146 C10H10O	028715-26-6	40
5	1H-Indole, 5,7-dimethyl-	145 C10H11N	054020-53-0	33



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

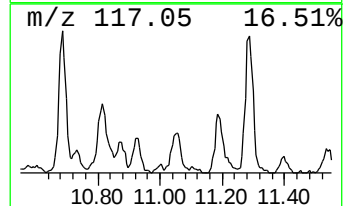
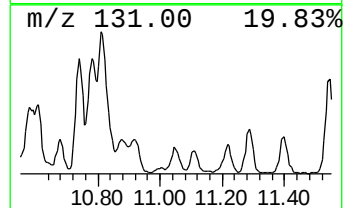
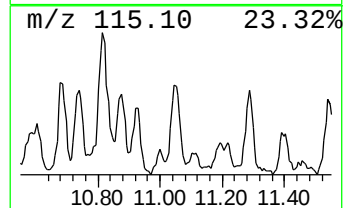
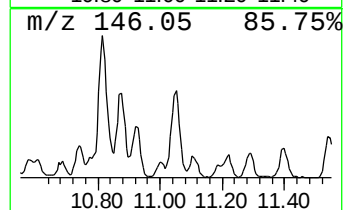
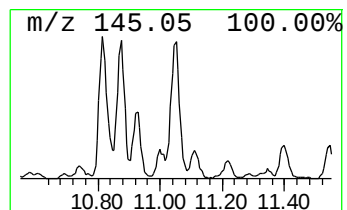
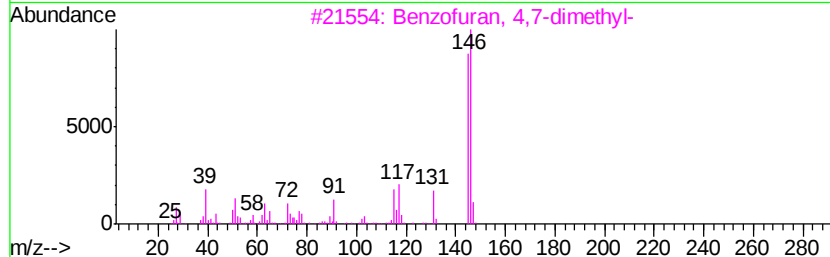
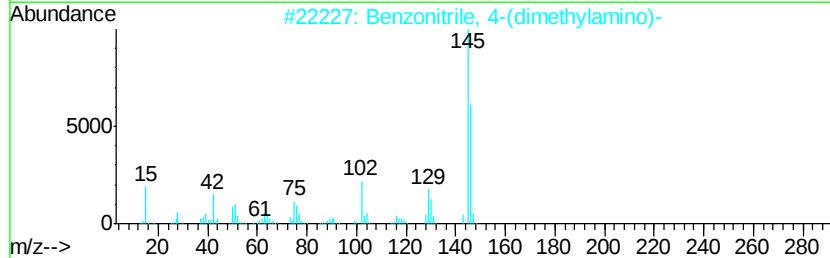
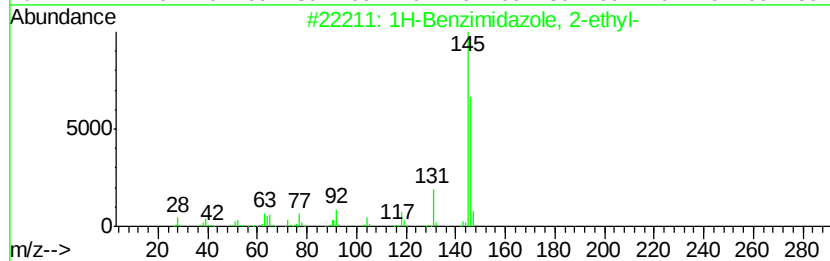
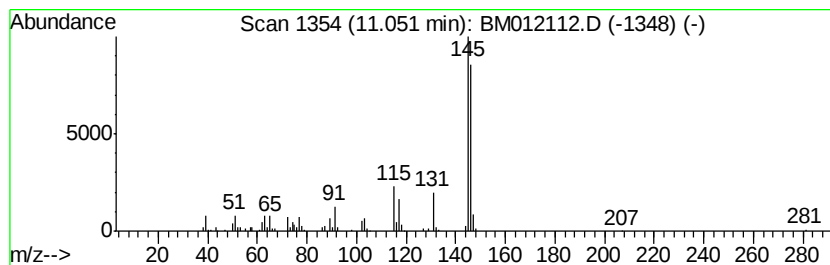
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1H-Benzimidazole, 2-ethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.04 ng/ul	280842	Naphthalene-d8	10.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Benzimidazole, 2-ethyl-	146 C9H10N2	001848-84-6 72
2		Benzonitrile, 4-(dimethylamino)-	146 C9H10N2	001197-19-9 59
3		Benzofuran, 4,7-dimethyl-	146 C10H10O	028715-26-6 58
4		Benzonitrile, 4-(dimethylamino)-	146 C9H10N2	001197-19-9 53
5		7-Azaindole-3-carboxaldehyde	146 C8H6N2O	004649-09-6 53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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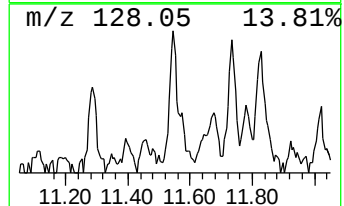
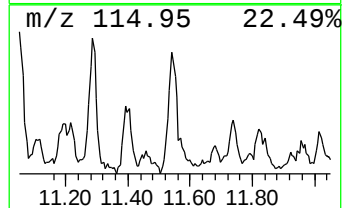
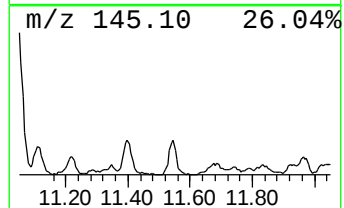
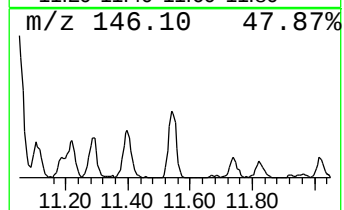
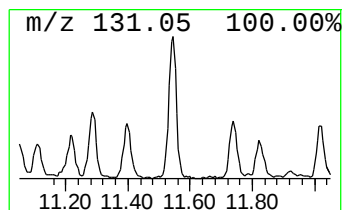
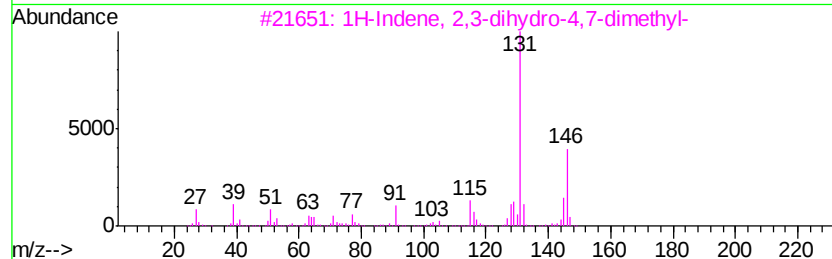
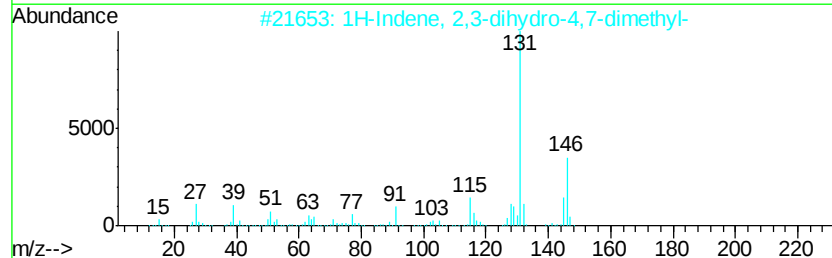
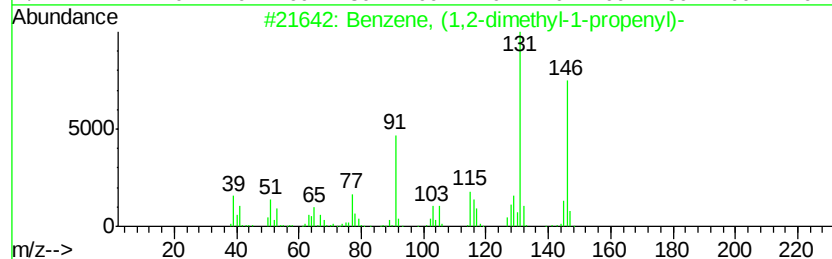
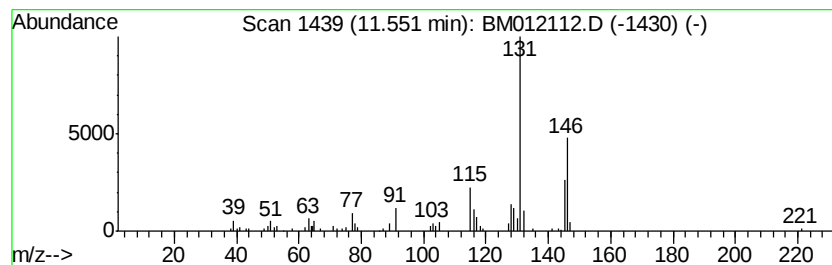
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.80 ng/ul	258354	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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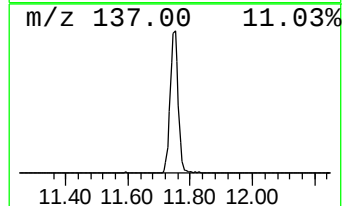
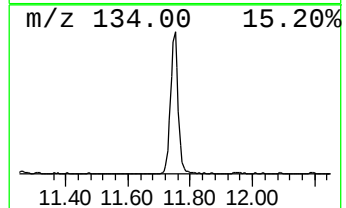
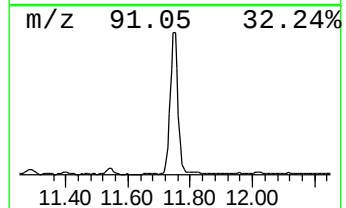
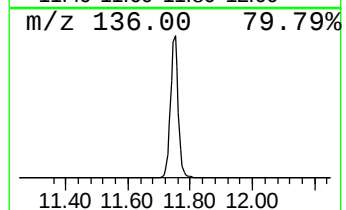
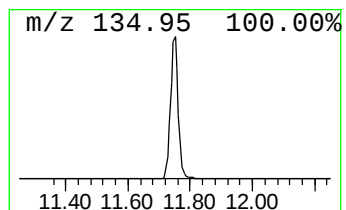
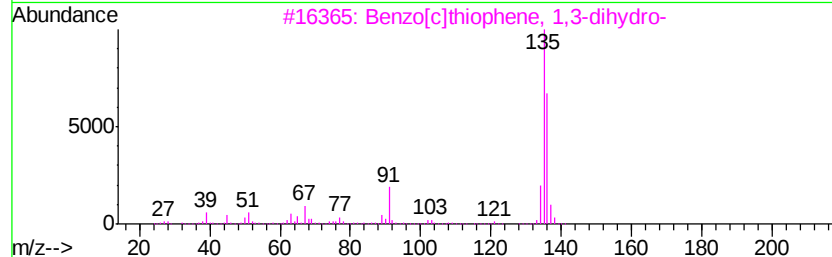
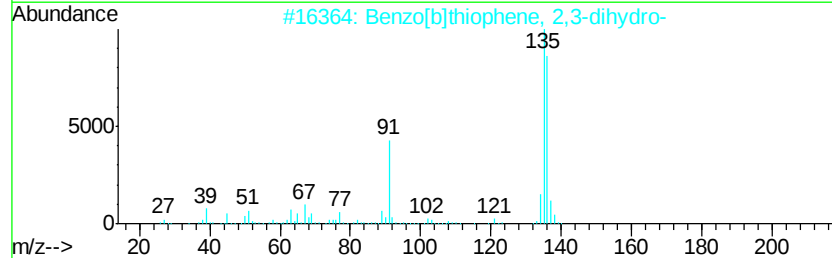
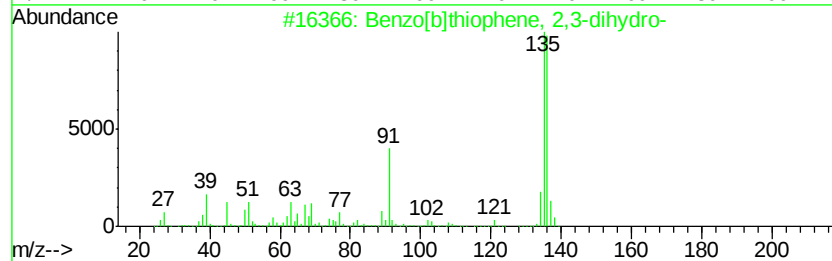
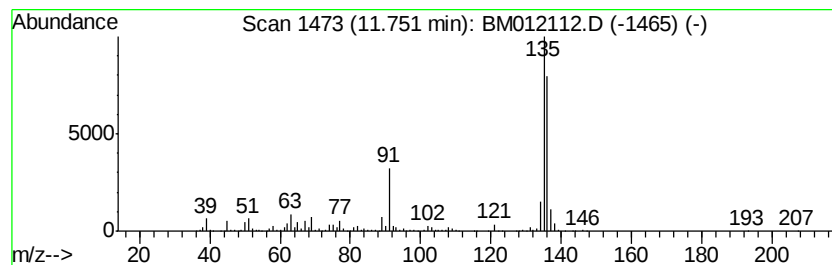
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	31.53 ng/ul	2908820	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
2		Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	94
3		Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	90
4		Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	78
5		Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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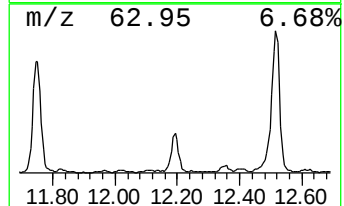
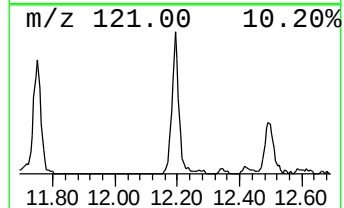
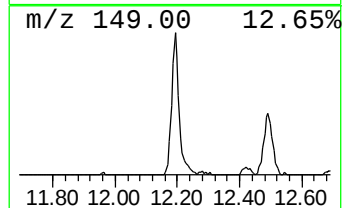
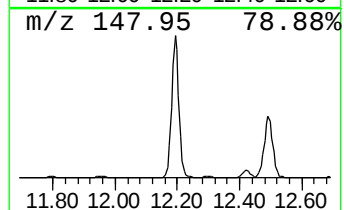
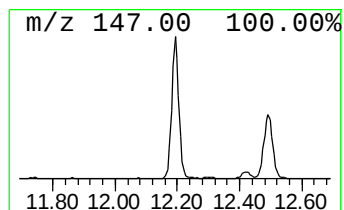
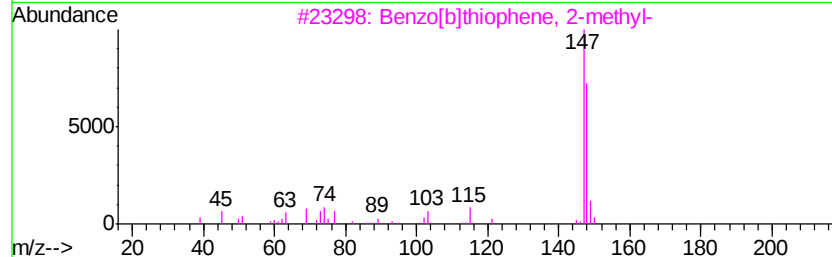
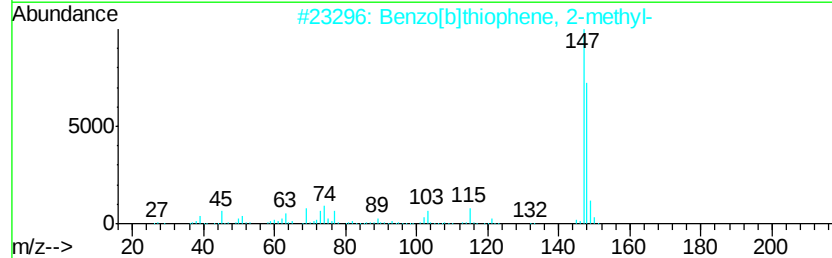
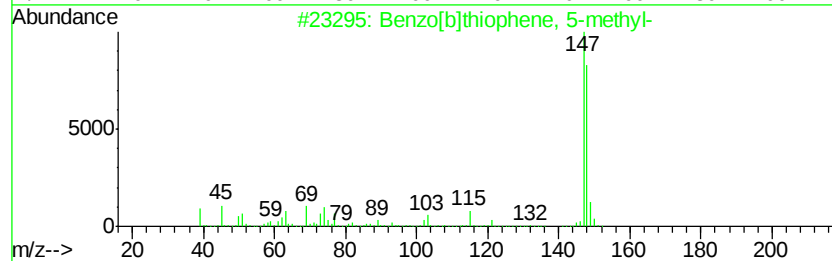
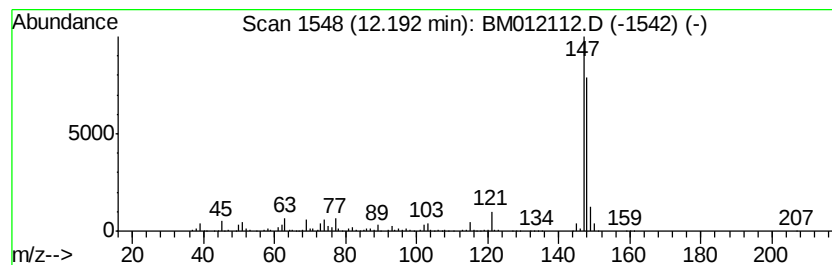
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[b]thiophene, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	11.23 ng/ul	1035510	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
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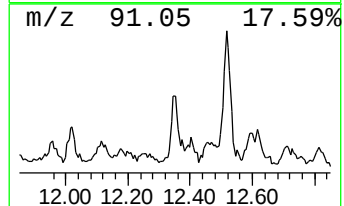
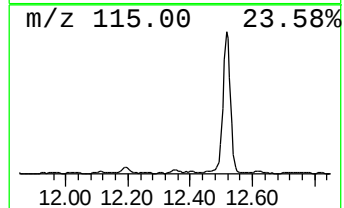
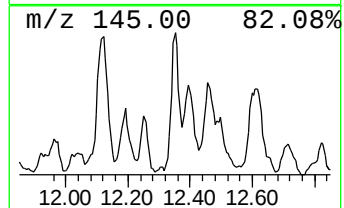
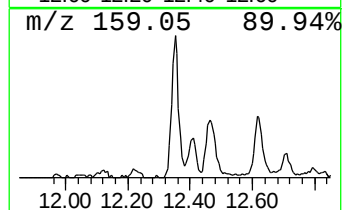
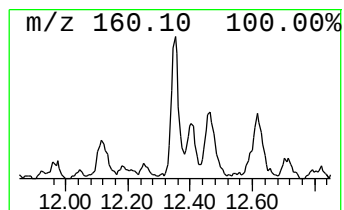
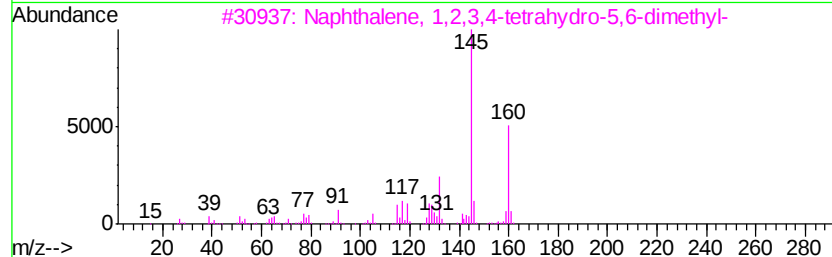
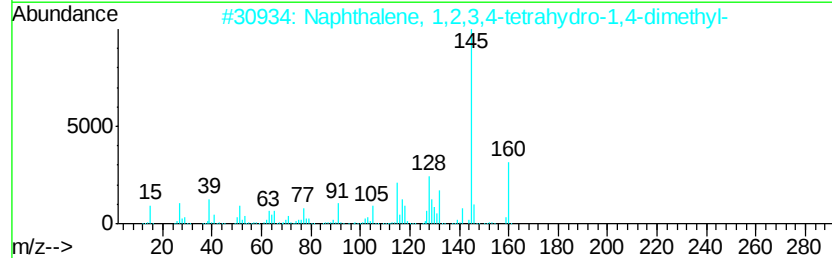
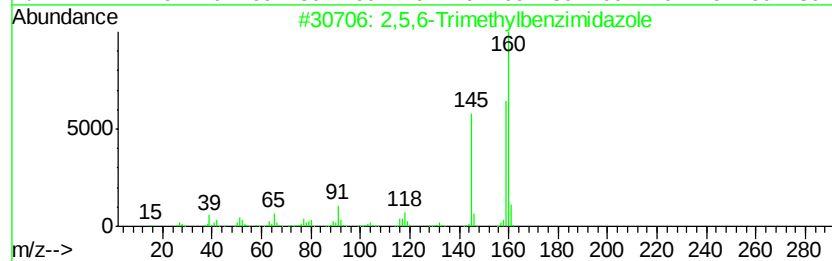
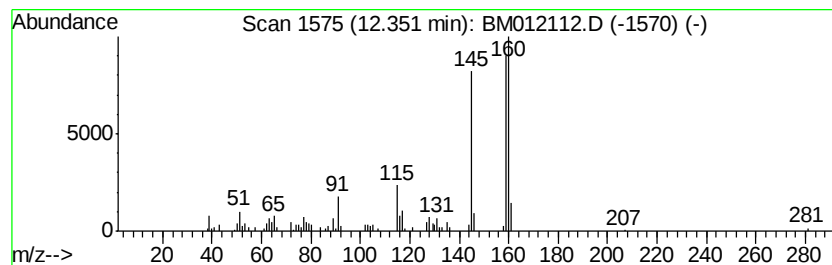
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,5,6-Trimethylbenzimidazole Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.42 ng/ul	223261	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	83
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	52
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 12 Oct 2017 23:15
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ClientSampleId :
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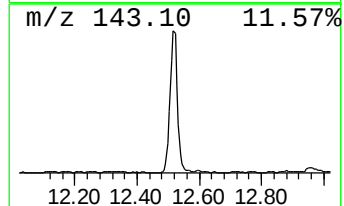
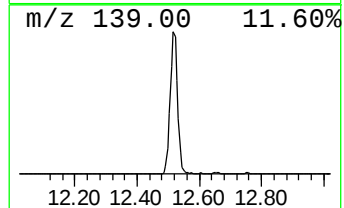
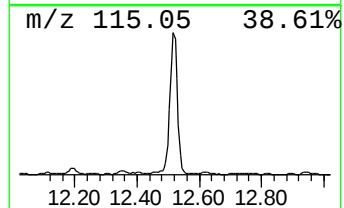
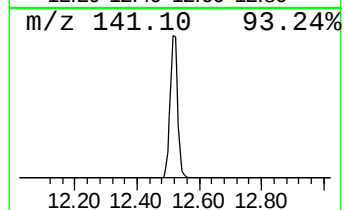
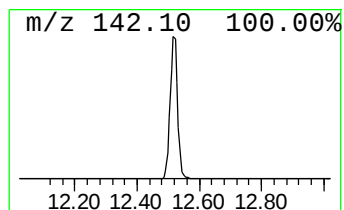
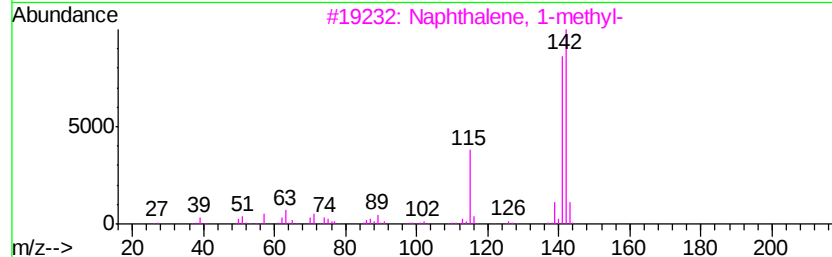
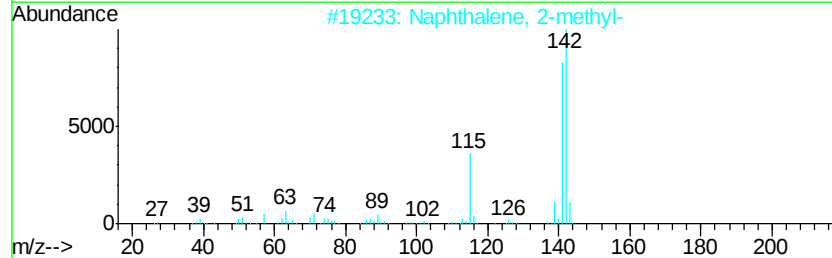
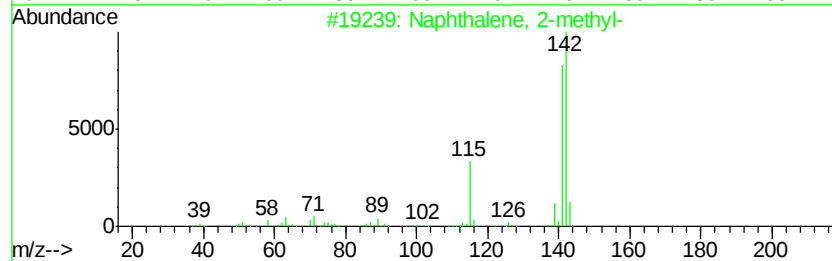
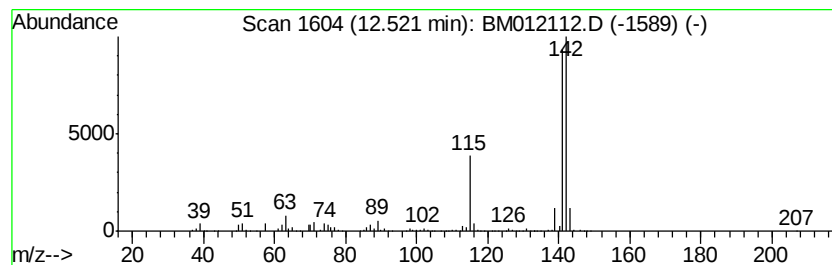
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	42.97 ng/ul	3964160	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
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Sample : I5772-04
Misc :
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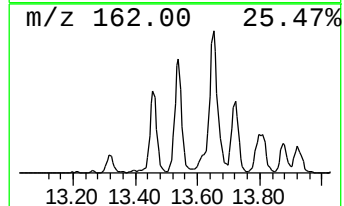
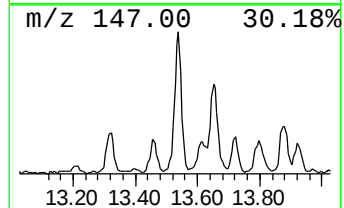
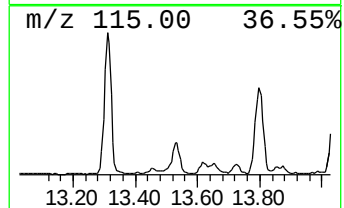
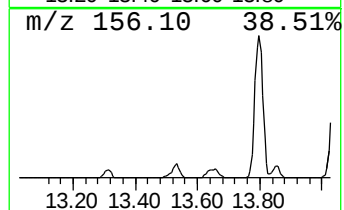
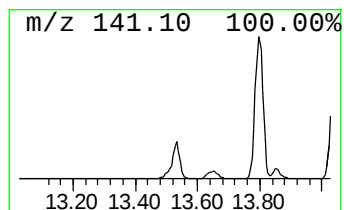
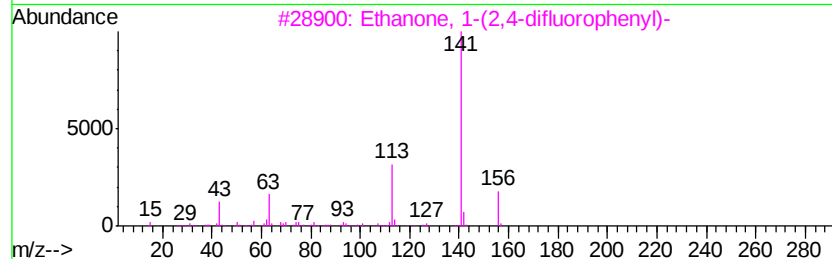
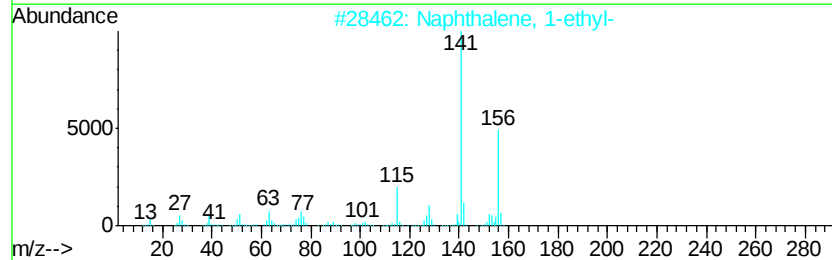
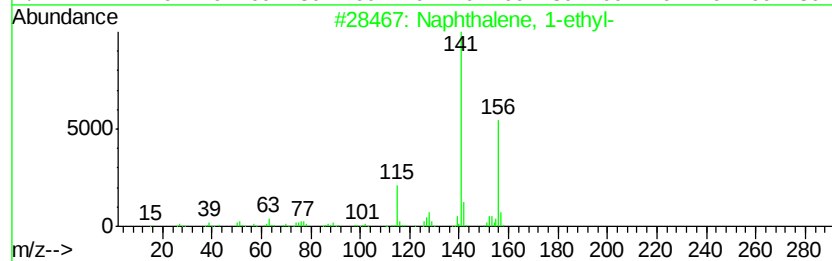
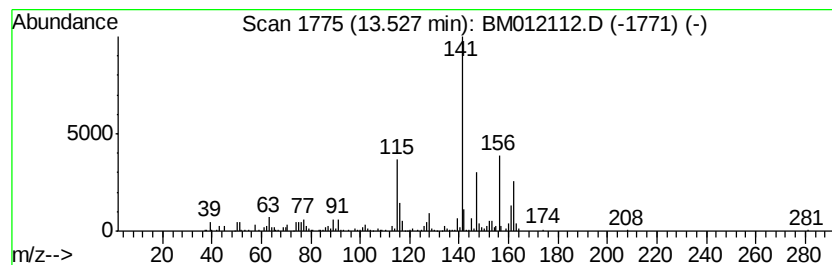
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.88 ng/ul	663624	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	41
3		Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	38
4		Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	38
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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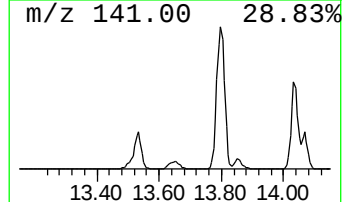
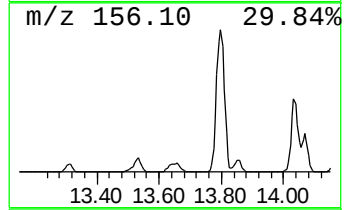
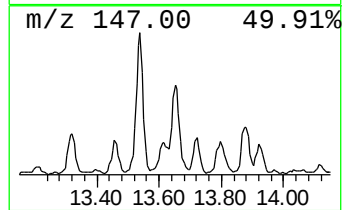
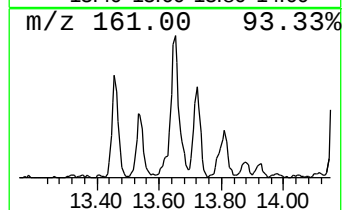
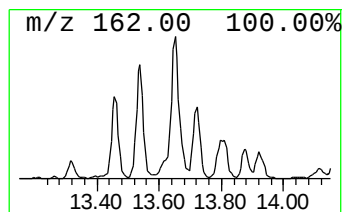
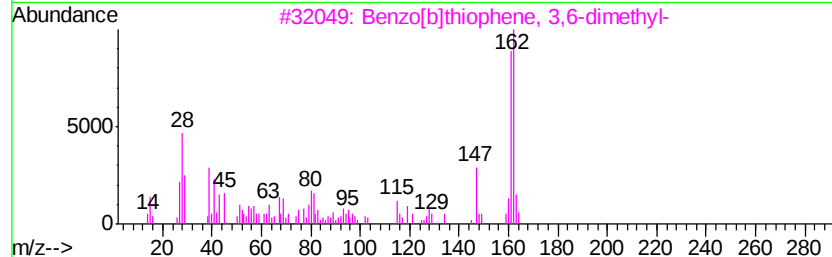
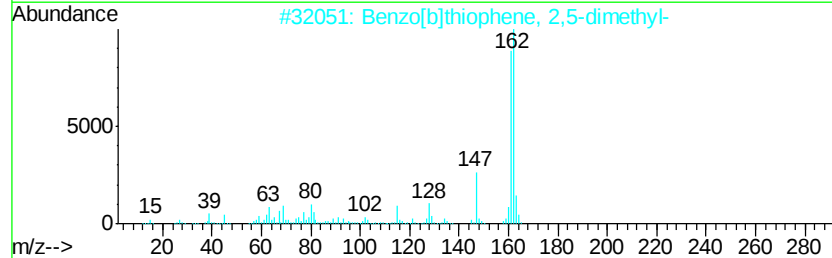
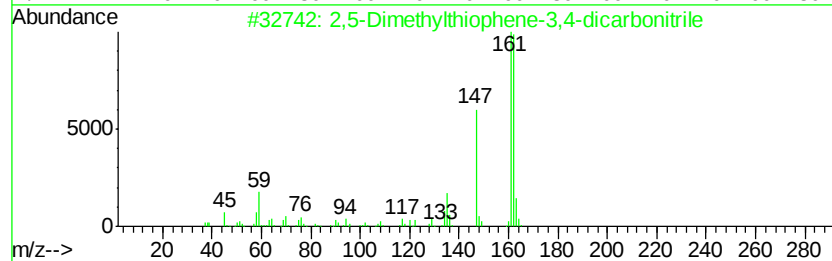
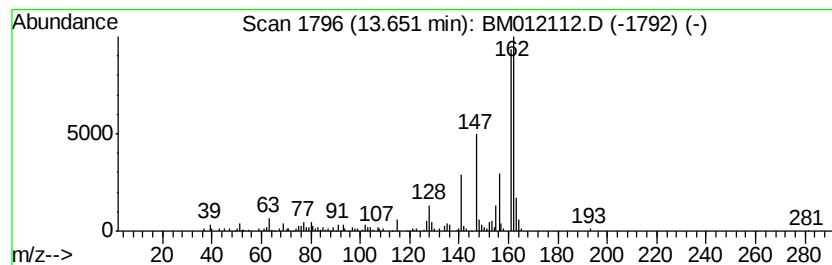
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 2,5-Dimethylthiophene-3,4-d... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.99 ng/ul	510454	Acenaphthene-d10	14.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	68
2			Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	58
3			Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	58
4			Benzaldehyde, 2,3,4,5-tetramethyl-	162	C11H14O	029344-95-4	50
5			5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 12 Oct 2017 23:15
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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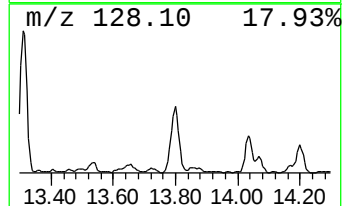
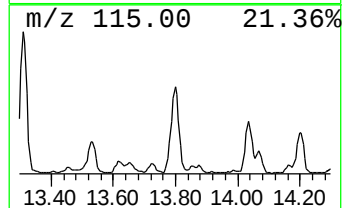
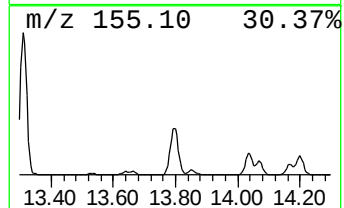
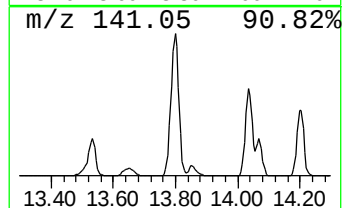
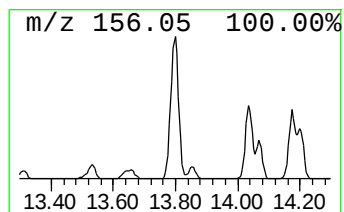
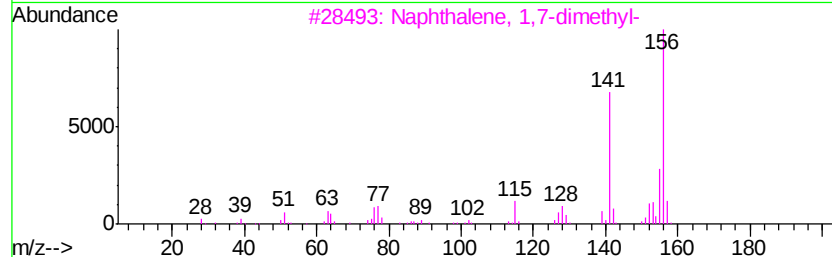
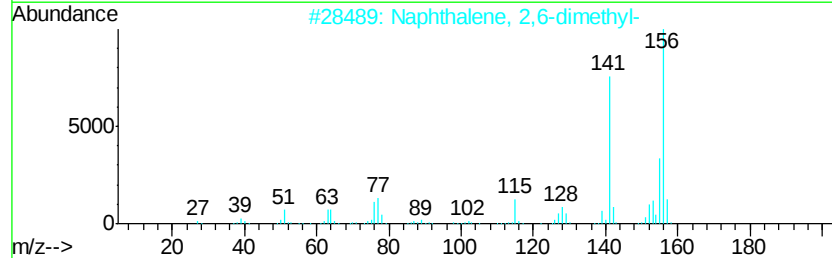
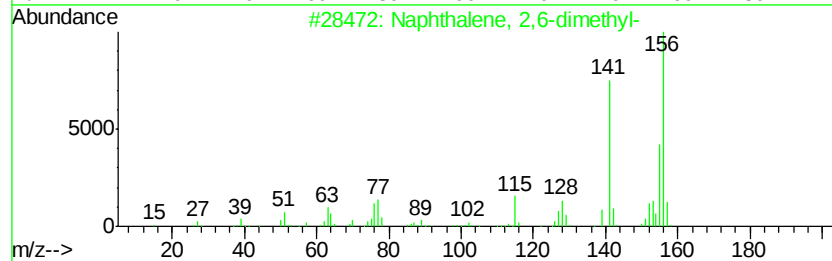
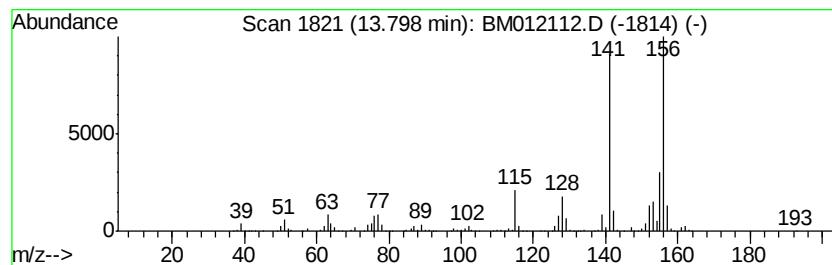
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	17.82 ng/ul	3044120	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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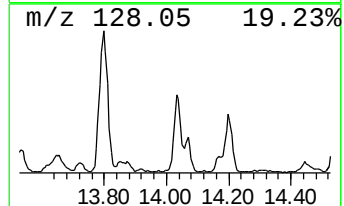
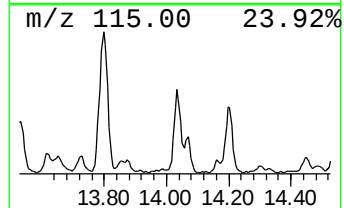
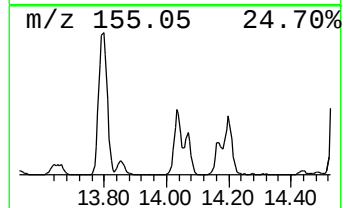
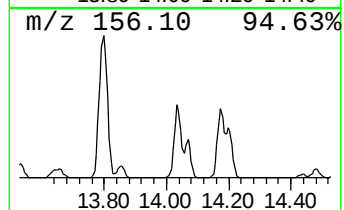
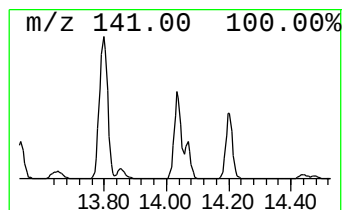
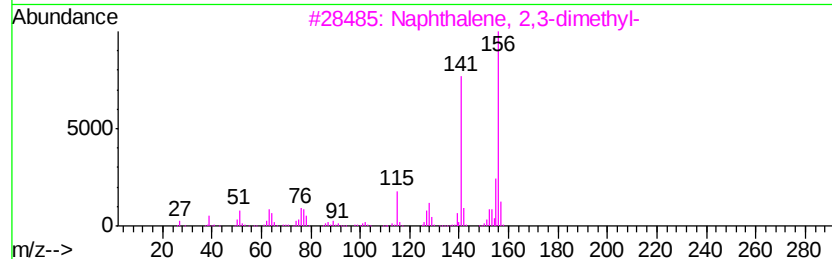
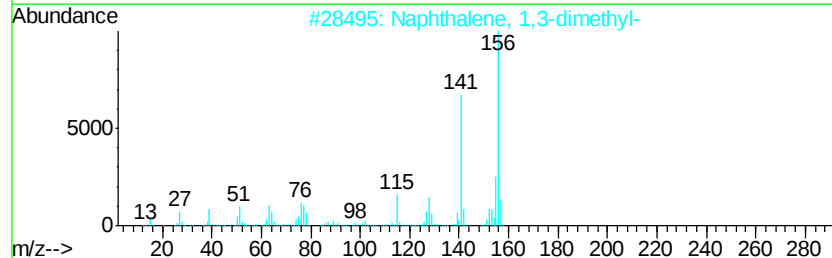
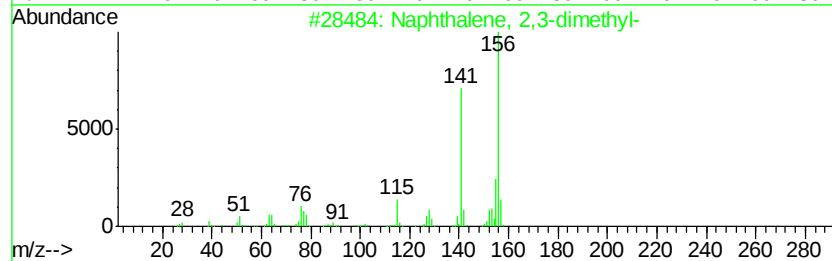
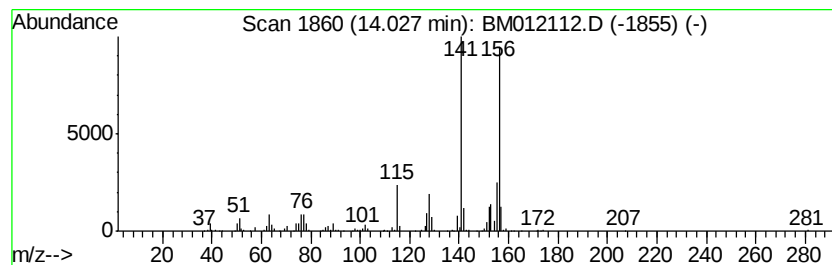
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	8.39 ng/ul	1434090	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2P0

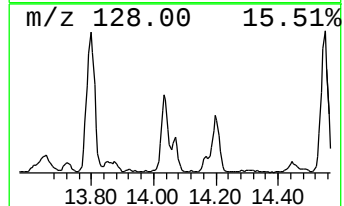
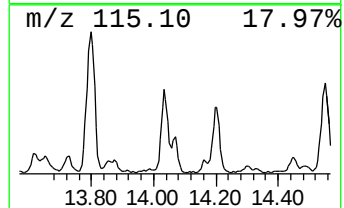
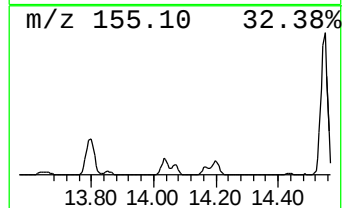
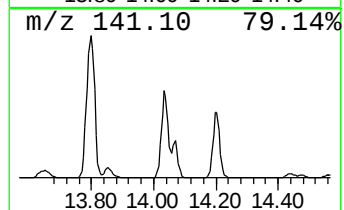
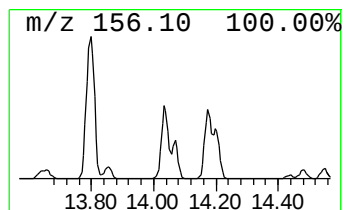
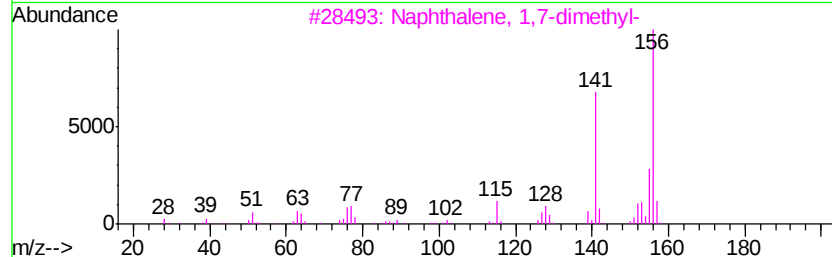
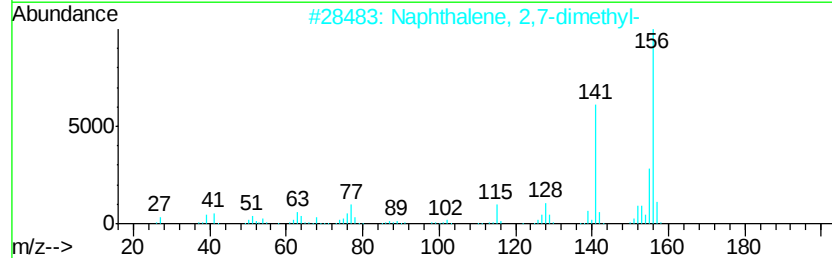
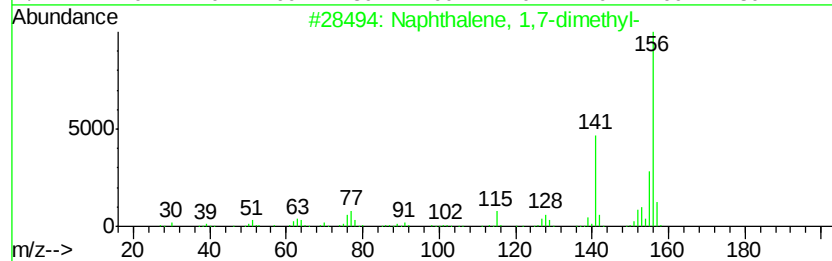
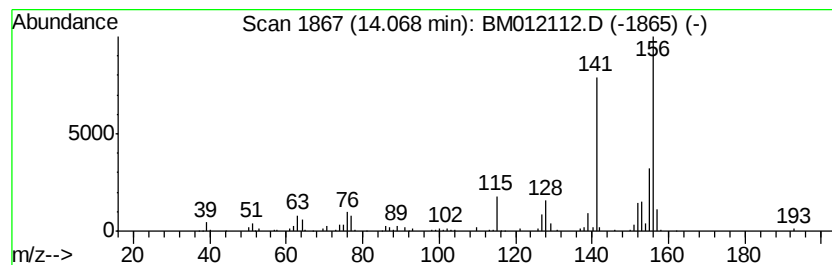
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 1,7-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.99 ng/ul	510539	Acenaphthene-d10	14.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2P0

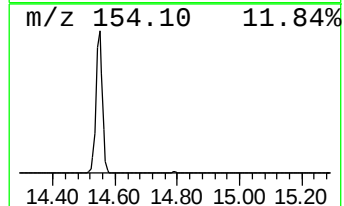
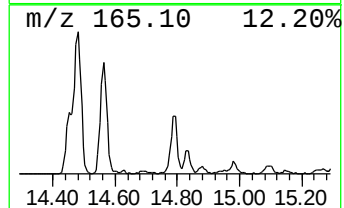
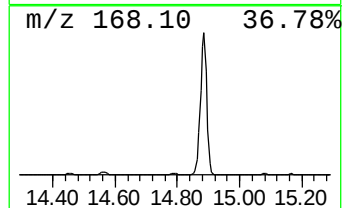
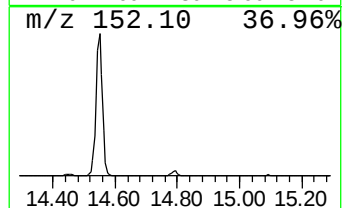
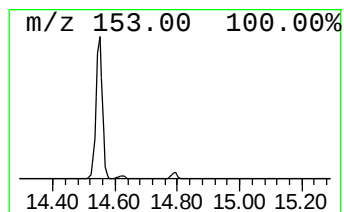
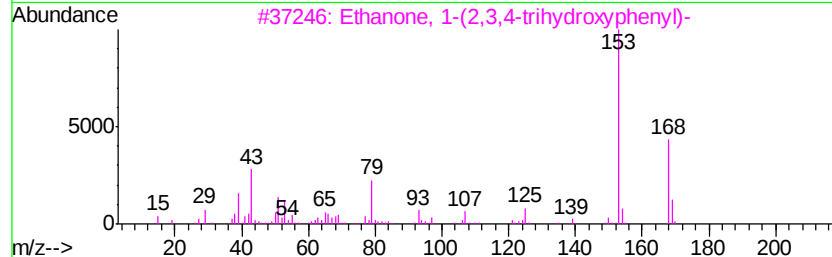
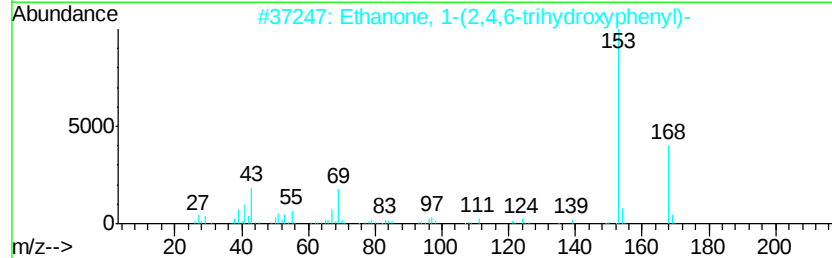
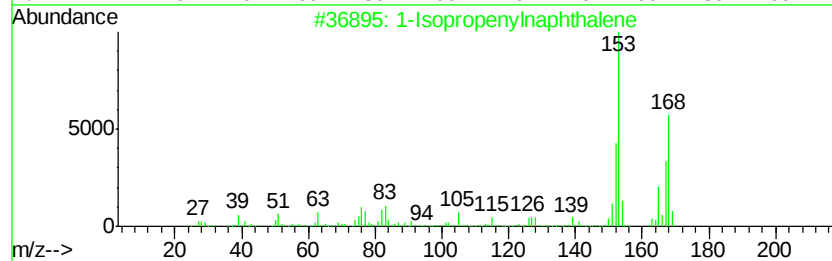
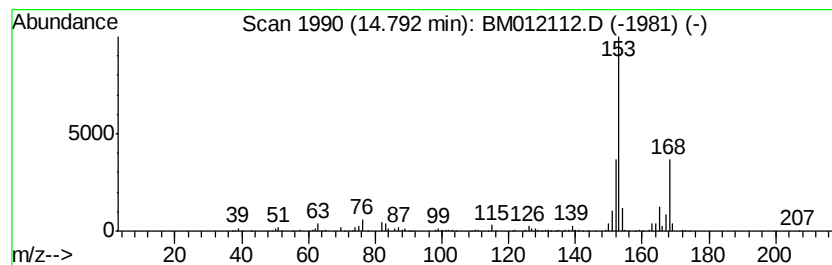
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.24 ng/ul	894994	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
2		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
4		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5		Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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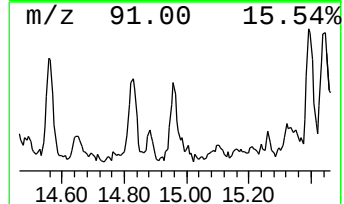
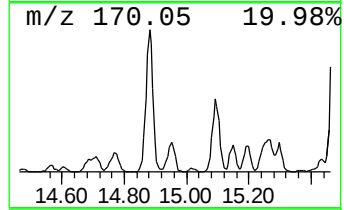
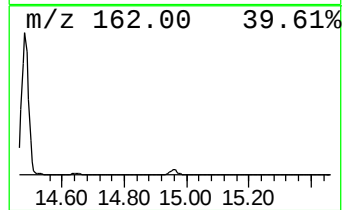
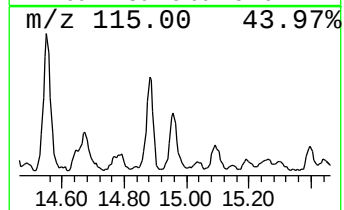
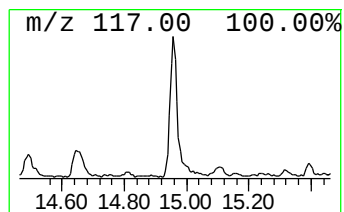
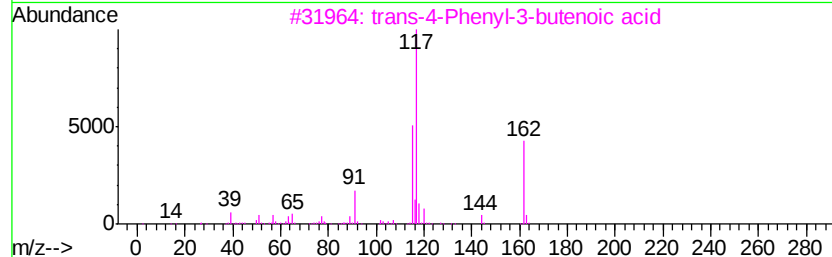
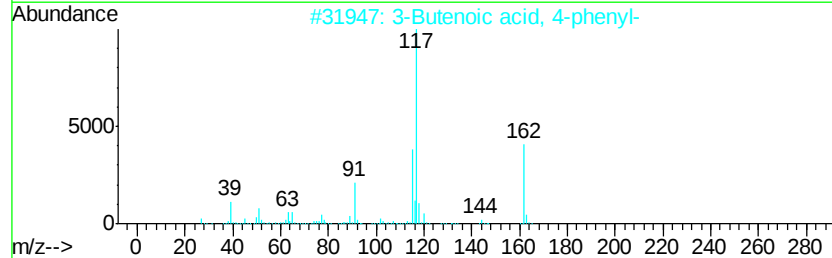
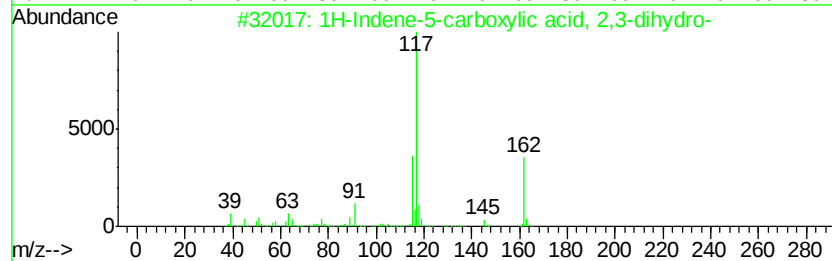
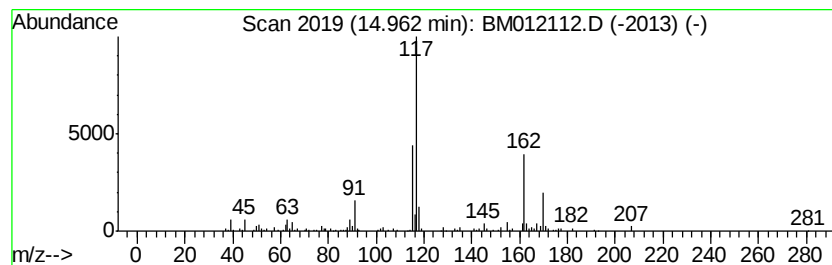
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1H-Indene-5-carboxylic acid... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.88 ng/ul	491936	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	93
2		3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	68
3		trans-4-Phenyl-3-butenic acid	162	C10H10O2	001914-58-5	55
4		trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	53
5		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

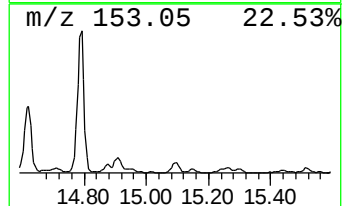
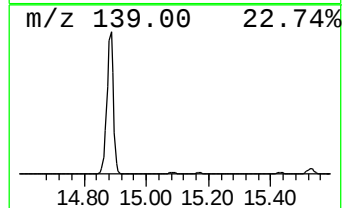
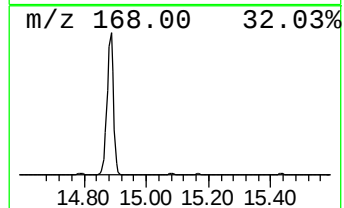
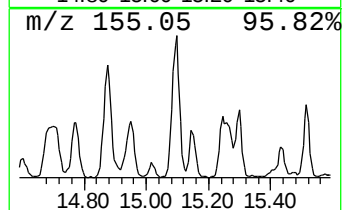
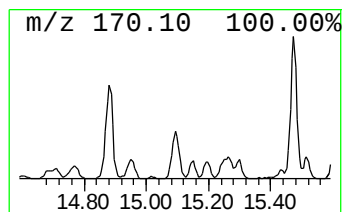
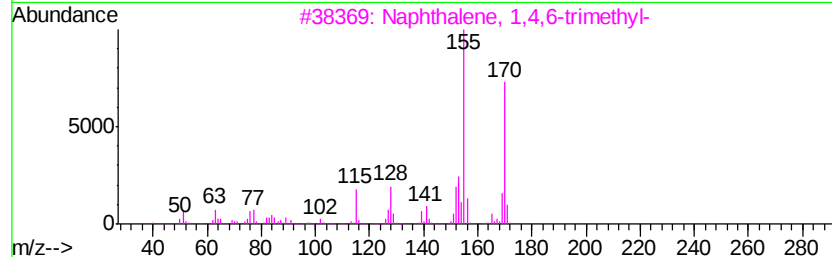
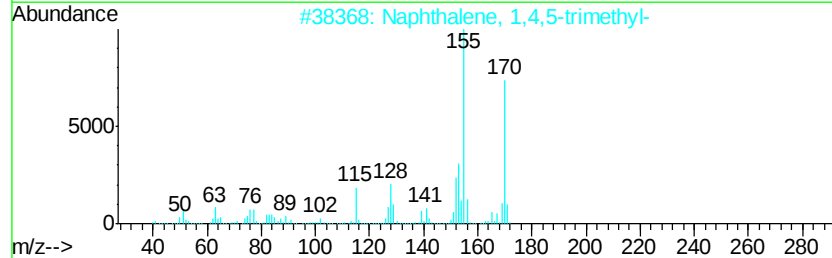
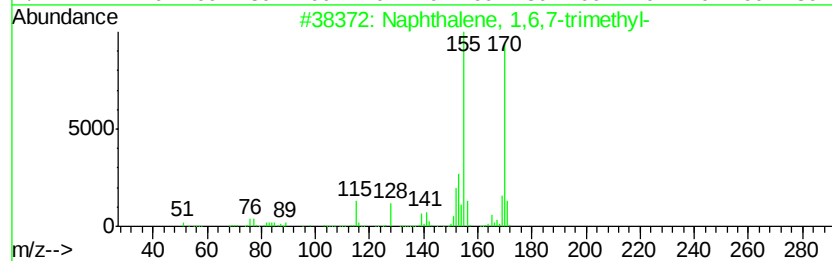
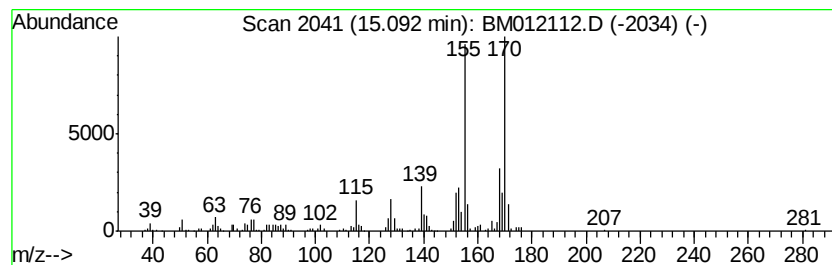
Instrument :
BNA_M
ClientSampleId :
BE2P0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,6,7-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.09	3.37 ng/ul	576249	Acenaphthene-d10	14.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2P0

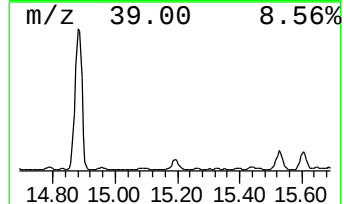
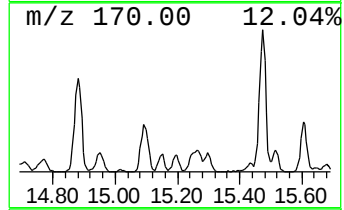
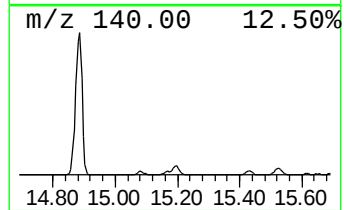
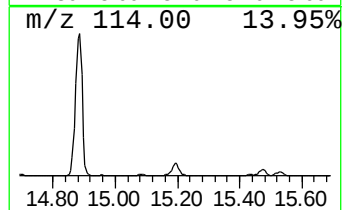
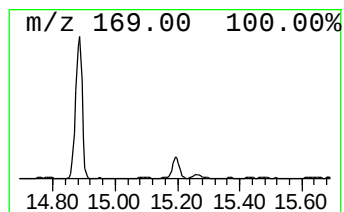
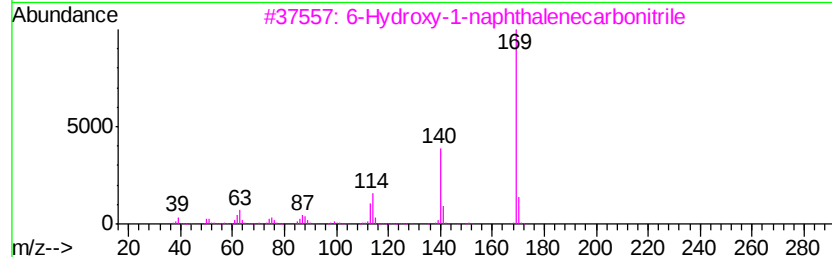
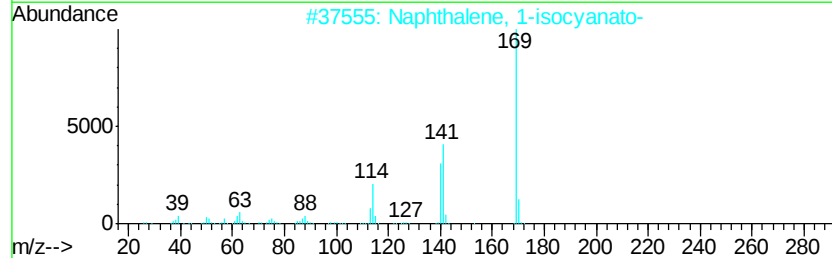
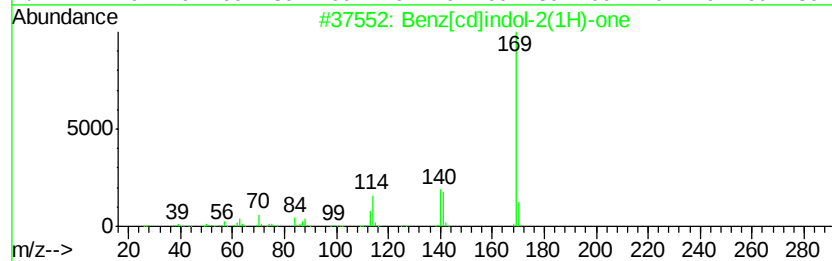
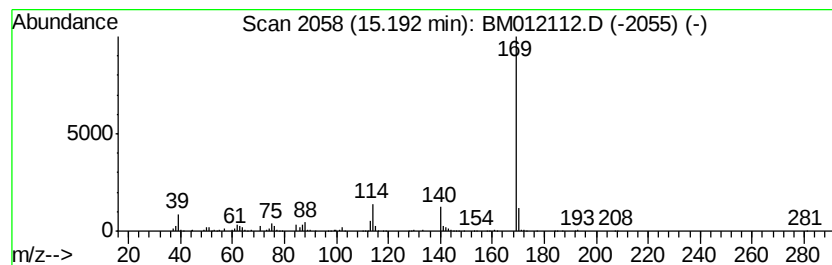
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benz[cd]indol-2(1H)-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.44 ng/ul	417398	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	91
2		Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	83
3		6-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-7	72
4		Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	72
5		7-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-9	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2P0

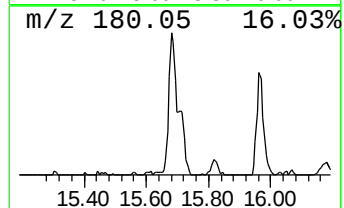
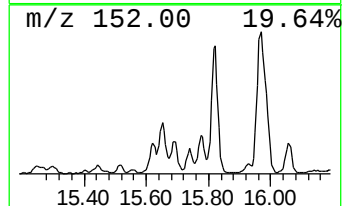
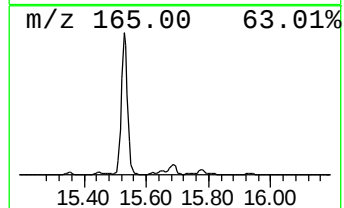
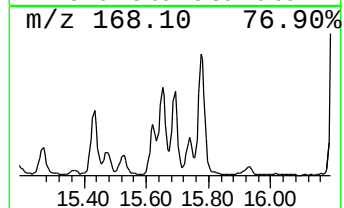
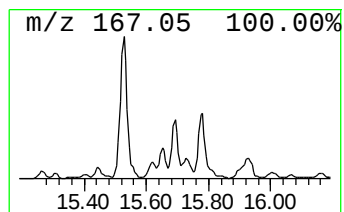
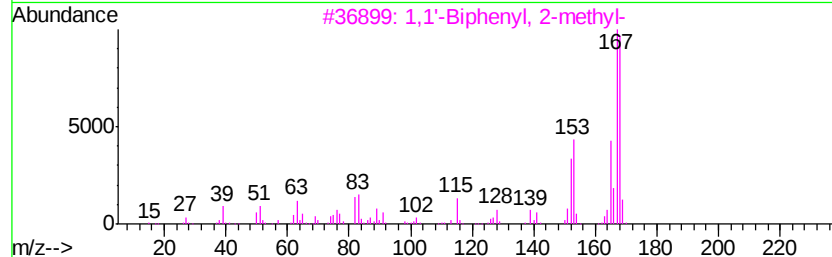
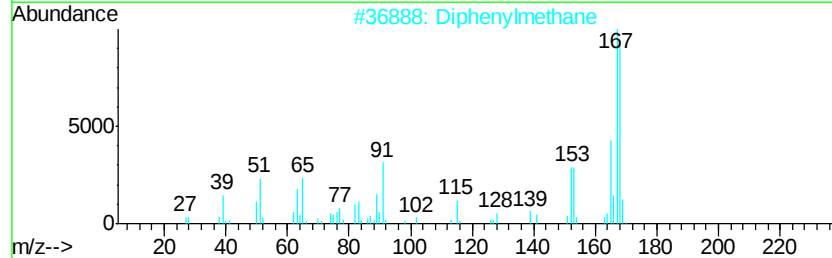
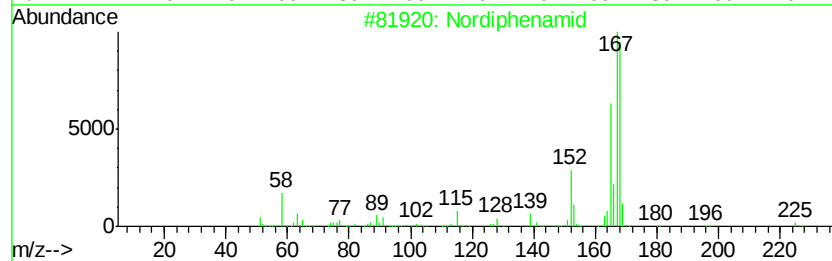
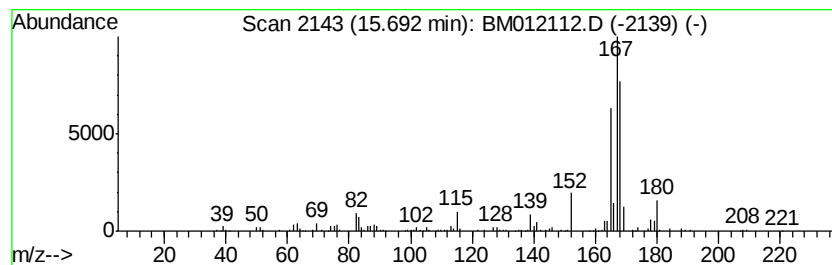
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Nordiphenamid Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.51 ng/ul	427966	Acenaphthene-d10	14.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nordiphenamid	225	C15H15NO	000954-21-2	64
2			Diphenylmethane	168	C13H12	000101-81-5	60
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5			Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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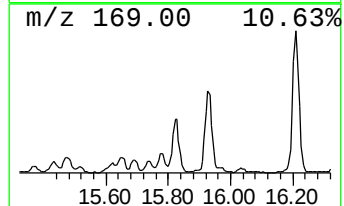
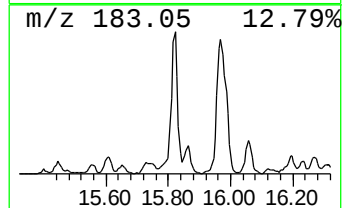
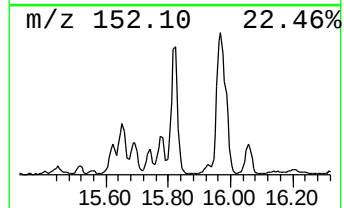
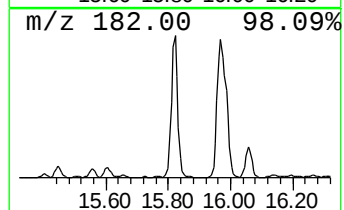
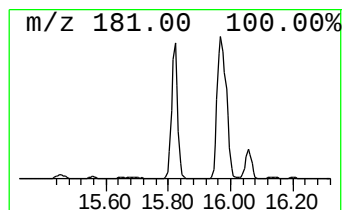
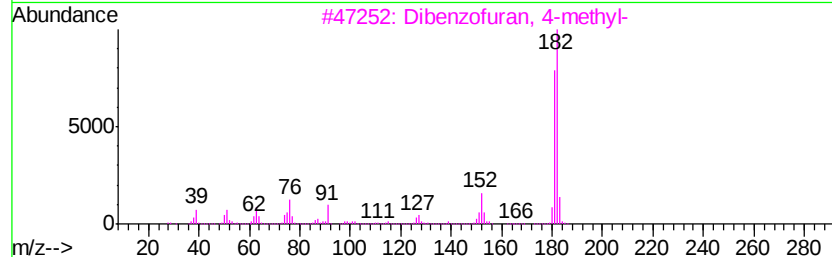
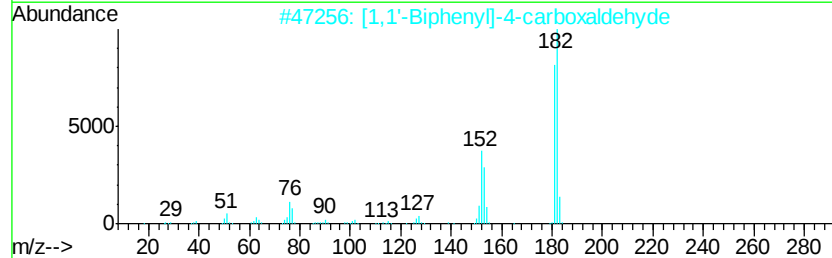
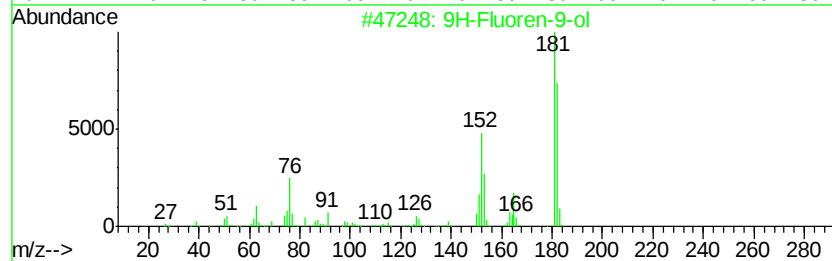
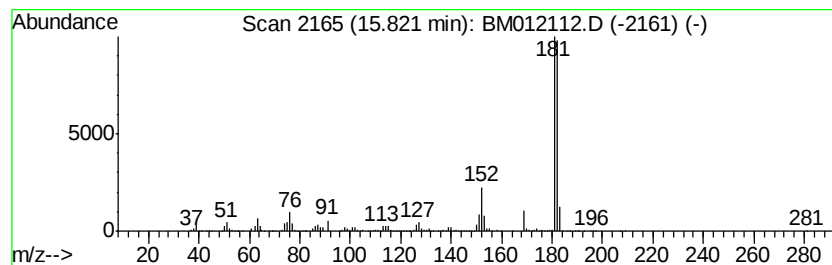
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 9H-Fluoren-9-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	11.34 ng/ul	1936660	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BE2P0

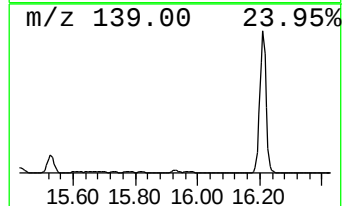
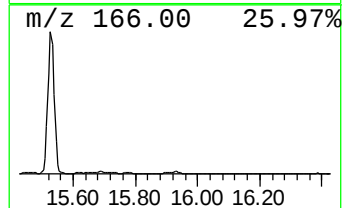
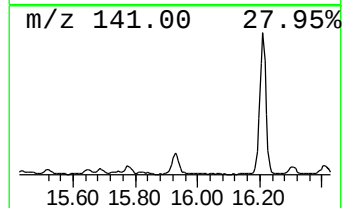
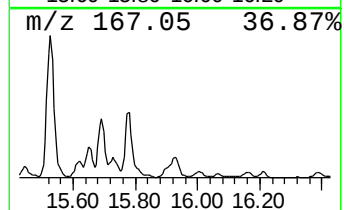
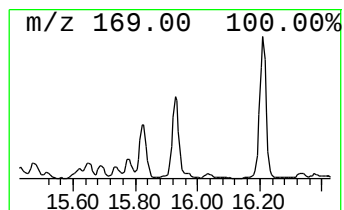
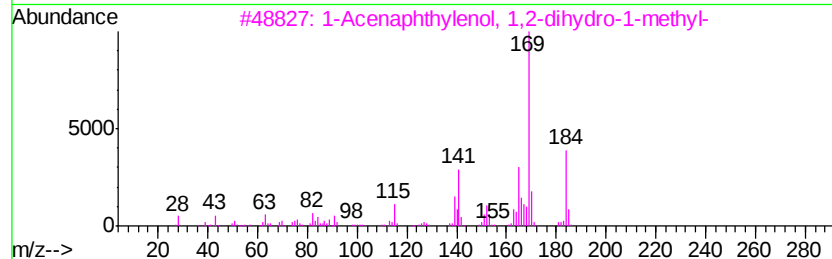
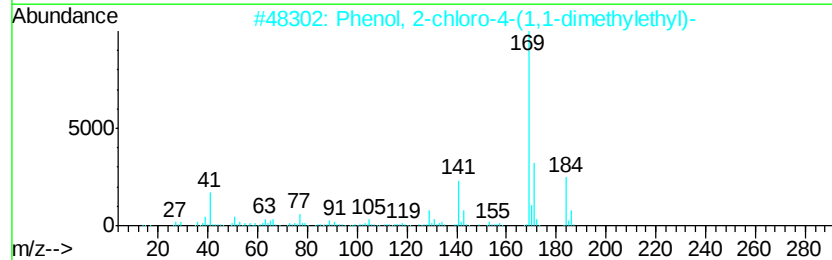
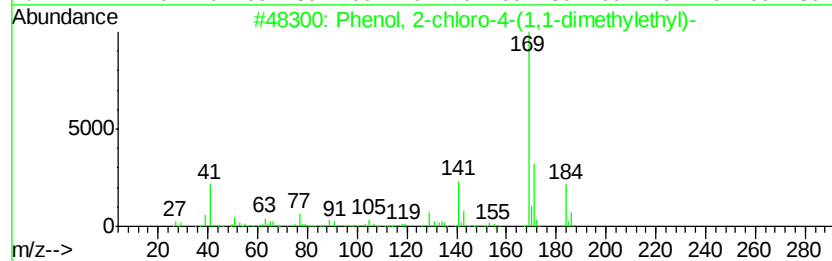
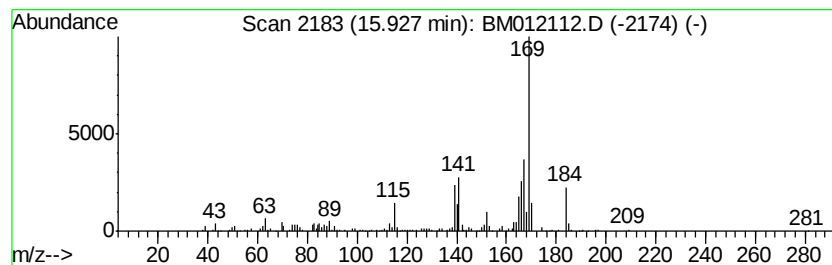
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.19 ng/ul	425692	Phenanthrene-d10	17.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	49
2			Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	47
3			1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	46
4			Sorbic acid, trimethylsilyl ester	184	C9H16O2Si	025436-26-4	43
5			Pyridine, 3-methyl-4-phenyl-	169	C12H11N	002052-92-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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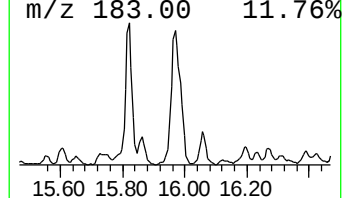
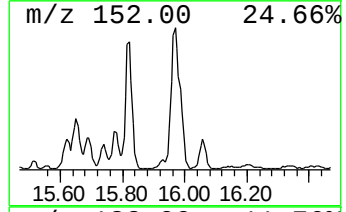
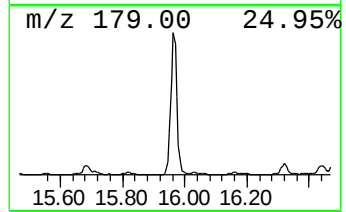
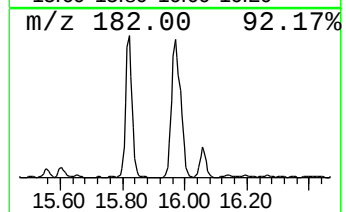
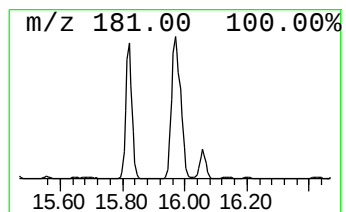
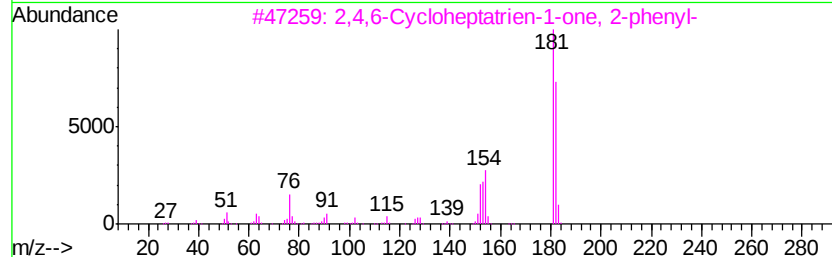
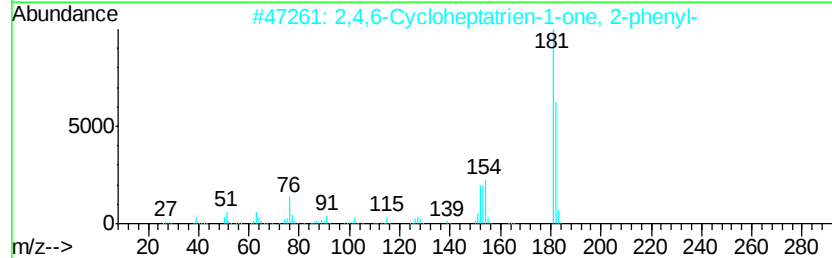
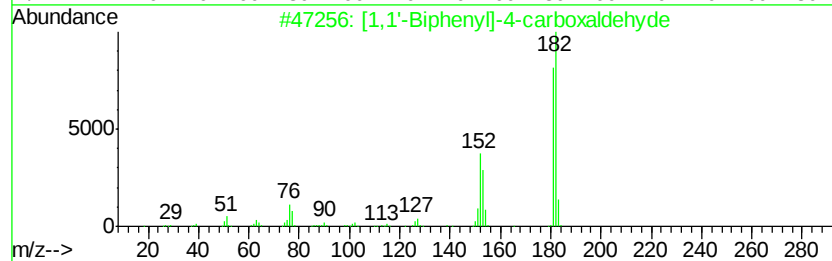
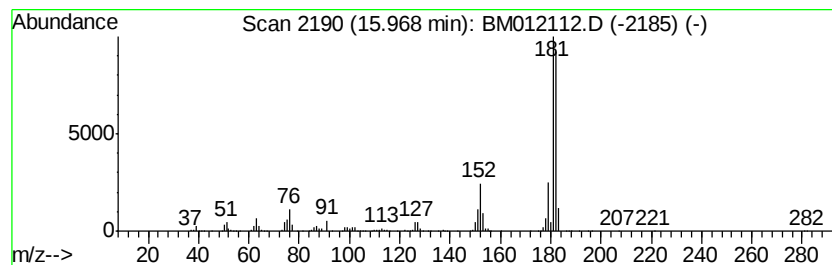
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	14.66 ng/ul	2847980	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	72
3		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	72
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
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Instrument :
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ClientSampleId :
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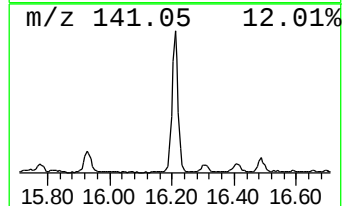
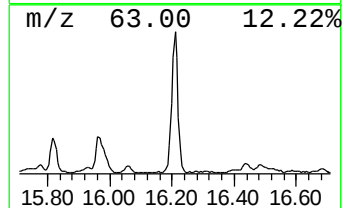
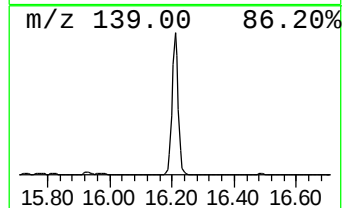
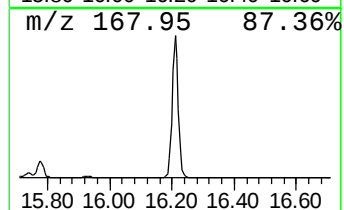
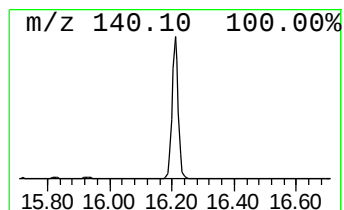
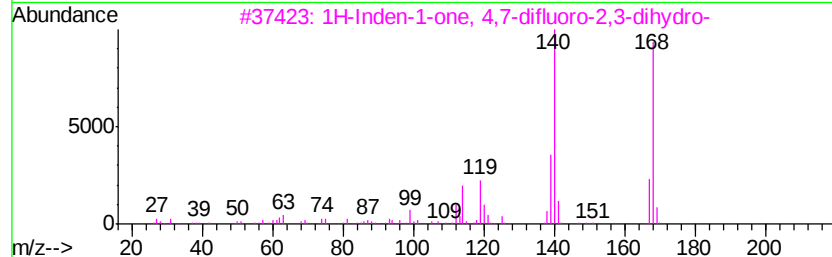
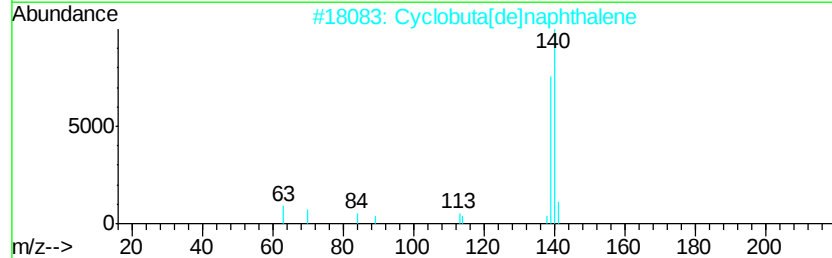
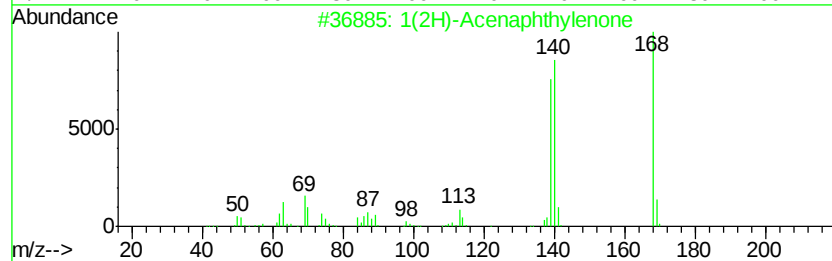
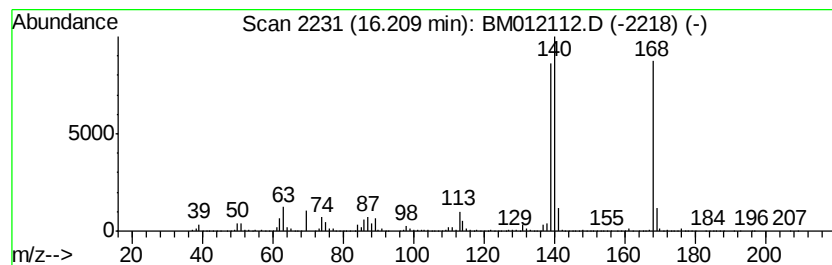
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	29.47 ng/ul	5725950	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2		Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
3		1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4		7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
5		Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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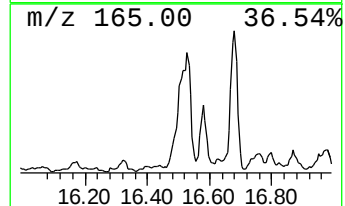
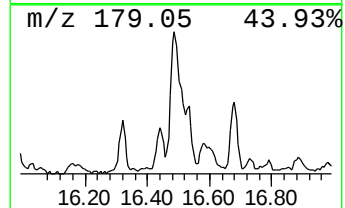
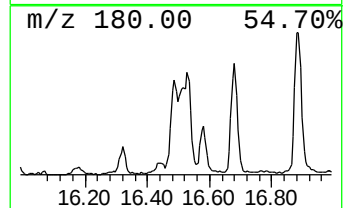
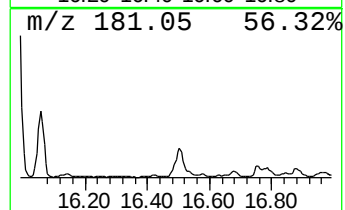
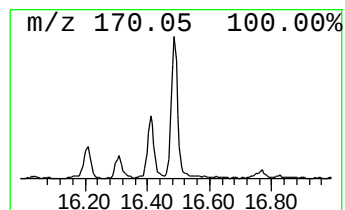
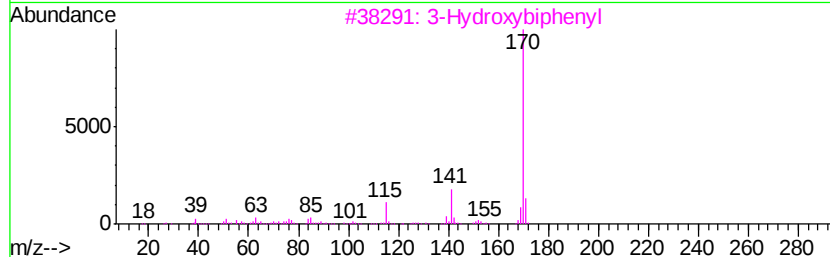
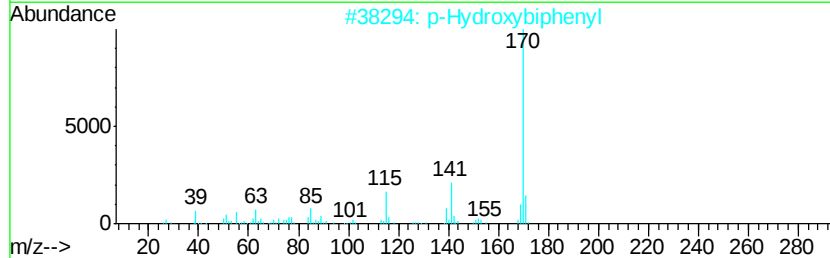
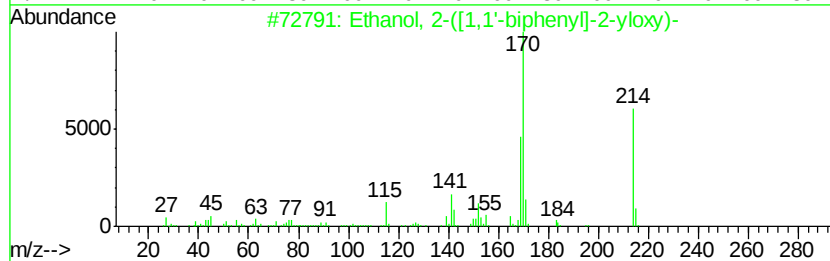
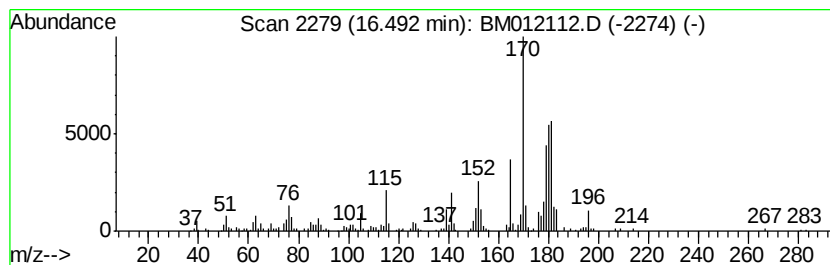
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.93 ng/ul	568701	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-([1,1'-biphenyl]-2-yl...	214	C14H14O2	007501-02-2	42
2		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	38
3		3-Hydroxybiphenyl	170	C12H10O	000580-51-8	38
4		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	38
5		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
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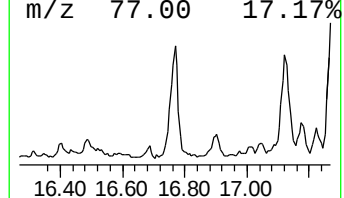
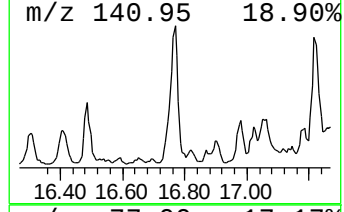
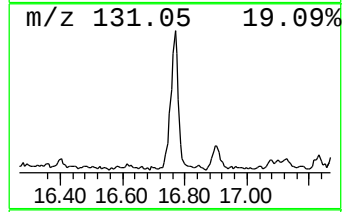
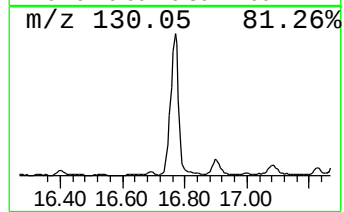
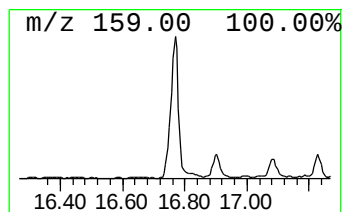
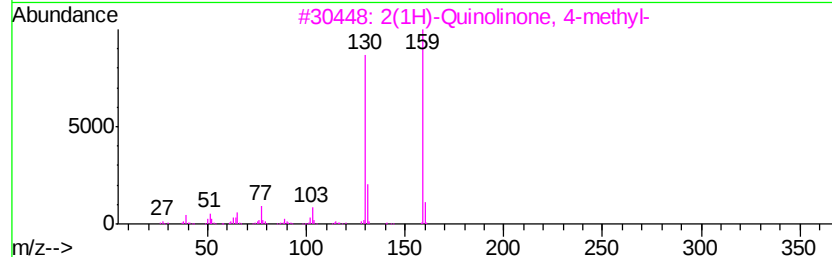
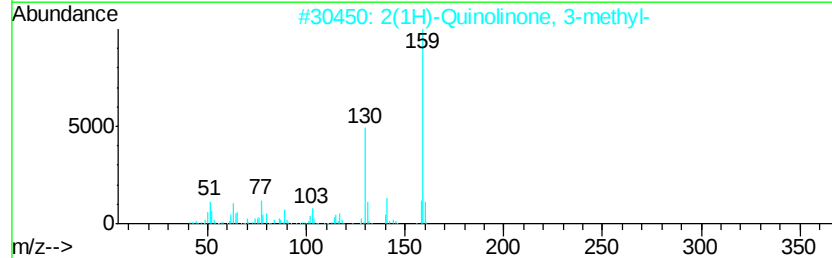
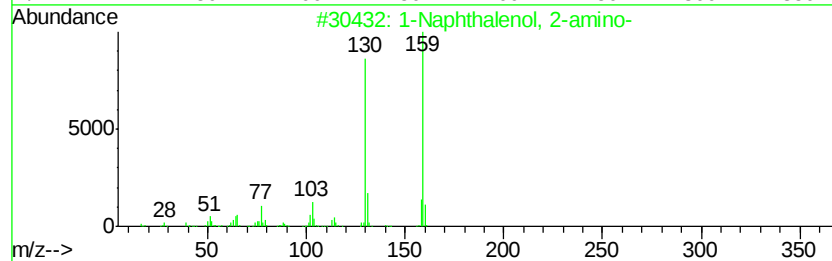
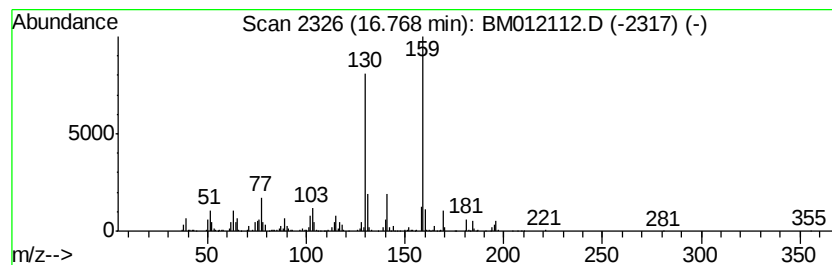
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1-Naphthalenol, 2-amino- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.77	6.92 ng/ul	1345020	Phenanthrene-d10	17.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	94
2		2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	90
3		2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	90
4		5-Amino-1-naphthol	159	C10H9NO	000083-55-6	87
5		5-Amino-1-naphthol	159	C10H9NO	000083-55-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012112.D
Acq On : 12 Oct 2017 23:15
Operator : SJ/JU
Sample : I5772-04
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ALS Vial : 13 Sample Multiplier: 1

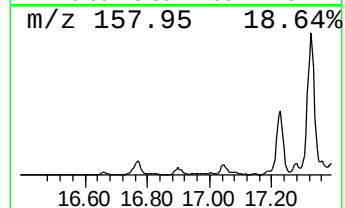
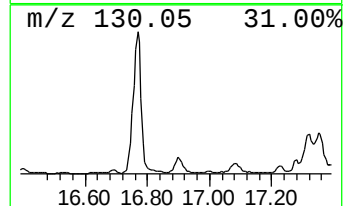
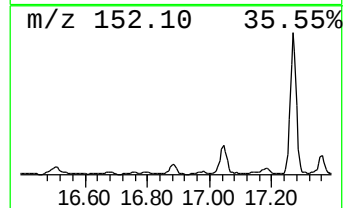
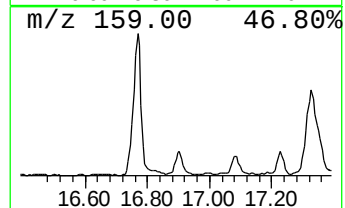
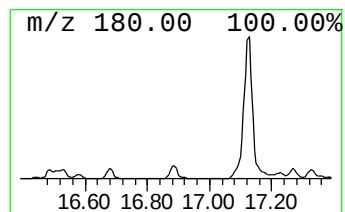
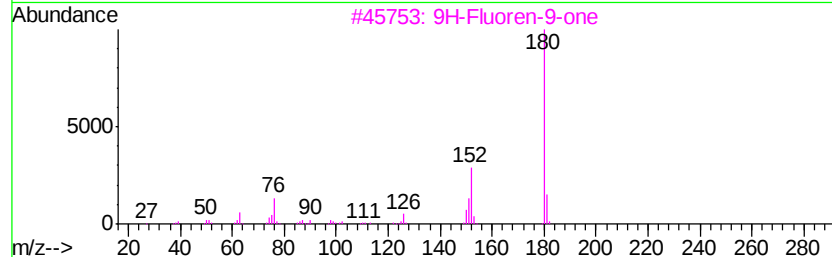
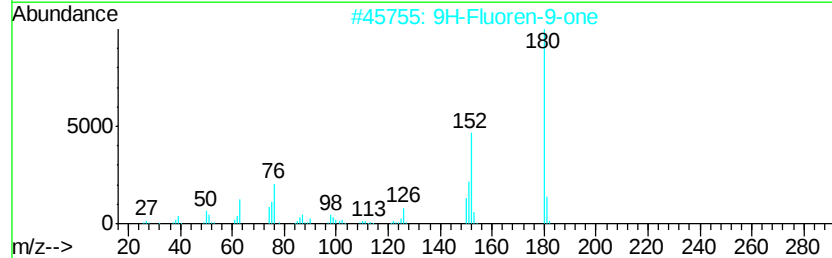
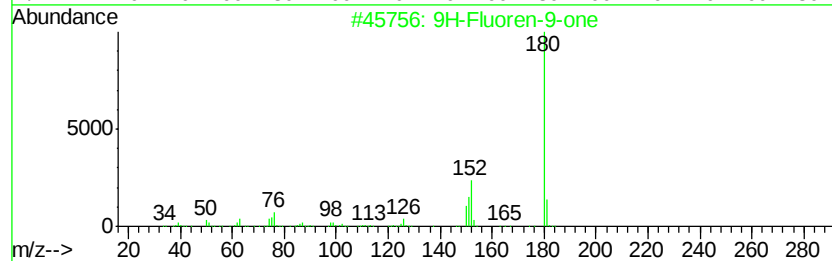
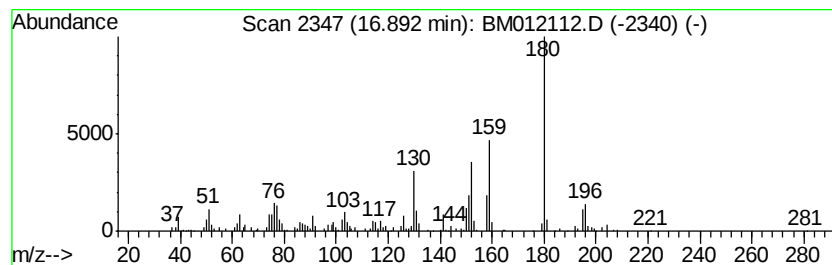
Instrument :
BNA_M
ClientSampleId :
BE2P0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 9H-Fluoren-9-one Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.06 ng/ul	400427	Phenanthrene-d10	17.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-one	180 C13H8O	000486-25-9	86
2	9H-Fluoren-9-one	180 C13H8O	000486-25-9	76
3	9H-Fluoren-9-one	180 C13H8O	000486-25-9	76
4	9,10-Phenanthrenedione	208 C14H8O2	000084-11-7	59
5	9,10-Phenanthrenedione	208 C14H8O2	000084-11-7	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012112.D
 Acq On : 12 Oct 2017 23:15
 Operator : SJ/JU
 Sample : I5772-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2P0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Indane	8.20	12.9	ng/ul	843515	1	7.83	1309400	20.0
Benzene, 1-propynyl-	8.37	7.8	ng/ul	509057	1	7.83	1309400	20.0
Benzofuran, 7-met...	9.19	10.0	ng/ul	653680	1	7.83	1309400	20.0
Benzofuran, 2-met...	9.31	8.1	ng/ul	749271	2	10.63	1844960	20.0
Benzene, 2-butenyl-	9.87	3.0	ng/ul	277619	2	10.63	1844960	20.0
Benzene, 2-etheny...	10.03	7.6	ng/ul	703684	2	10.63	1844960	20.0
unknown-01	10.87	2.9	ng/ul	267388	2	10.63	1844960	20.0
1H-Benzimidazole, ...	11.05	3.0	ng/ul	280842	2	10.63	1844960	20.0
Benzene, (1,2-dim...	11.55	2.8	ng/ul	258354	2	10.63	1844960	20.0
Benzo[b]thiophene...	11.75	31.5	ng/ul	2908820	2	10.63	1844960	20.0
Benzo[b]thiophene...	12.19	11.2	ng/ul	1035510	2	10.63	1844960	20.0
2,5,6-Trimethylbe...	12.35	2.4	ng/ul	223261	2	10.63	1844960	20.0
Naphthalene, 1-me...	12.52	43.0	ng/ul	3964160	2	10.63	1844960	20.0
Naphthalene, 1-et...	13.53	3.9	ng/ul	663624	3	14.48	3416840	20.0
2,5-Dimethylthiop...	13.65	3.0	ng/ul	510454	3	14.48	3416840	20.0
Naphthalene, 2,6-...	13.80	17.8	ng/ul	3044120	3	14.48	3416840	20.0
Naphthalene, 2,3-...	14.03	8.4	ng/ul	1434090	3	14.48	3416840	20.0
Naphthalene, 1,7-...	14.07	3.0	ng/ul	510539	3	14.48	3416840	20.0
1-Isopropenylnaph...	14.79	5.2	ng/ul	894994	3	14.48	3416840	20.0
1H-Indene-5-carbo...	14.96	2.9	ng/ul	491936	3	14.48	3416840	20.0
Naphthalene, 1,6,...	15.09	3.4	ng/ul	576249	3	14.48	3416840	20.0
Benz[cd]indol-2(1...	15.19	2.4	ng/ul	417398	3	14.48	3416840	20.0
Nordiphenamid	15.69	2.5	ng/ul	427966	3	14.48	3416840	20.0
9H-Fluoren-9-ol	15.82	11.3	ng/ul	1936660	3	14.48	3416840	20.0
unknown-02	15.93	2.2	ng/ul	425692	4	17.23	3886360	20.0
[1,1'-Biphenyl]-4...	15.97	14.7	ng/ul	2847980	4	17.23	3886360	20.0
1(2H)-Acenaphthyl...	16.21	29.5	ng/ul	5725950	4	17.23	3886360	20.0
unknown-03	16.49	2.9	ng/ul	568701	4	17.23	3886360	20.0
1-Naphthalenol, 2...	16.77	6.9	ng/ul	1345020	4	17.23	3886360	20.0
9H-Fluoren-9-one	16.89	2.1	ng/ul	400427	4	17.23	3886360	20.0